

#TIP *Troubles in Paradise* References **A-K** Updated 6 August 2017

- 1000 Genomes Project Consortium.** 2015. "A global reference for human genetic variation." *Nature* **526** (1 October): 68-74.
- 4th Day Alliance.** 2009. "Does Distant Starlight Prove that the Bible is Wrong?" *4th Day Alliance* (Fresno, California) pamphlet.
- AAAS. 2002a. "AAAS Board Resolution Urges Opposition to 'Intelligent Design' Theory in U.S. Science Classes." *American Association for the Advancement of Science* 6 November posting (online text at www.aaas.org accessed 12/9/2002).
- . 2002b. "AAAS Board Resolution on Intelligent Design Theory." *American Association for the Advancement of Science* 6 November posting (online text at www.aaas.org accessed 12/9/2002).
- Aagaard, Earl.** 2000. "The Importance of the Intelligent Design Theory for Adventist Science Education." The Institute for Christian Teaching (Seventh Day Adventist) *Christ in the Classroom* **26**: 1-16 posting (online pdf at ict.aiaa.edu accessed 11/27/2013).
- . 2004. "Integrating Faith and Learning in the Teaching of Biology." The Institute for Christian Teaching (Seventh Day Adventist) *Christ in the Classroom* **30**: 341-350 posting (online pdf at ict.aiaa.edu accessed 11/27/2013).
- AAI. 2007. *The AAI 2007 Convention*. Held 27-30 September (Washington DC) by Atheist Alliance International; DVD produced by Richard Dawkins Foundation.
- . 2009. *The AAI 2009 Convention*. Held 3 October (Burbank, CA) by Atheist Alliance International; DVD produced by Richard Dawkins Foundation.
- Aanen, Duur K., & Ton Bisseling.** 2014. "The birth of cooperation." *Science* **345** (4 July): 29-30.
- Aaron, M.** 2014a. "Baraminological Analysis of the Caseidae (Synapsida: Pelycosauria)." *Creation Biology Society Journal of Creation Theology and Science Series B: Life Sciences* **4**: 19-22.
- . 2014b. "Discerning Tyrants from Usurpers: A Statistical Baraminological Analysis of Tyrannosauroida Yielding the First Dinosaur Holobaramin." *Answers in Genesis Research Journal* **7**: 463-481.
- Abad, José P., Beatriz de Pablos, Kazutoyo Osoegawa, Pieter J. de Jong, Antonia Martín-Gallardo, & Alfredo Villasante.** 2004. "TAHRE, a Novel Telomeric Retrotransposon from *Drosophila melanogaster*, Reveals the Origin of *Drosophila* Telomeres." *Molecular Biology and Evolution* **21** (September): 1620-1624.
- Abad-Santos, Alexander.** 2011. "Atheists Object to '9/11 Cross'." *Spatwatch* 29 July posting (online text at www.theatlanticwire.com accessed 8/2/2011).
- Abanes, Richard.** 1999. "Transcript Richard Abanes 11/23/99." *Time Chat Event* posting 23 November: online text accessed 9/25/2002 (www.time.com) not available as of 10/27/2014.
- . 2002a. *One Nation Under Gods: A History of the Mormon Church*. New York: Four Walls Eight Windows.
- . 2002b. "About Richard Abanes." *Religious Information Center* undated posting (online text at www.abanes.com accessed 9/25/2002).
- Abascal, Federico, Armelle Corpet, Zachary A. Gurard-Levin, David Juan, Françoise Ochsenbein, Daniel Rico, Alfonso Valencia, & Geneviève Almouzni.** 2013. "Subfunctionalization via Adaptive Evolution Influenced by Genomic Context: The Case of Histone Chaperones ASF1a and ASF1b." *Molecular Biology and Evolution* **30** (August): 1853-1866.
- Abascal, Federico, David Posada, Robin D. Knight, & Rafael Zardoya.** 2006. "Parallel Evolution of the Genetic Code in Arthropod Mitochondrial Genomes." *PLoS Biology* (online @ plosbiology.org) **4** (May): e127.
- Abbas, Abul K., & Charles A. Janeway Jr.** 2000. "Immunology: Improving on Nature in the Twenty-First Century." *Cell* **100** (7 January): 129-138.
- Abbate, Ernesto, Andrea Albanelli, Augusto Azzaroli, Marco Benvenuti, Berhane**

- Tesfamariam, Piero Bruni, Nicola Cipriani, Ronald J. Clarke, Giovanni Ficarelli, Roberto Macchiarelli, Giovanni Napoleone, Mauro Papini, Lorenzo Rook, Mario Sagri, Tewelde Medhin Teclé, Danilo Torre, & Igor Villa.** 1998. "A one-million-year-old *Homo* cranium from the Danakil (Afar) Depression of Eritrea." *Nature* **393** (4 June): 458-460.
- Abbey, Tristan.** 2002. "Capture the Flag, A Four-Day Weekend, and Sea Urchins." Intelligent Design Undergraduate Research Center *Inside the Student Mind* 15 November posting (online text at www.idurc.org accessed 1/20/2004, not available as of 3/10/2014).
- . 2007. "Giving Away the Store Again?" Geoscience Research Institute *Origins* **60**: 58-60.
- Abbot, Patrick.** 2009. "On the Evolution of Dispersal and Altruism in Aphids." *Evolution* **63** (October): 2687-2696.
- Abbot, Patrick, June Abe, John Alcock, Samuel Alizon, Joao A. C. Alpedrinha, Malte Andersson, Jean-Baptiste Andre, Minus van Baalen, Francois Balloux, Sigal Balshine, Nick Barton, Leo W. Beukeboom, Jay W. Biernaskie, Trine Bilde, Gerald Borgia, Michael Breed, Sam Brown, Redouan Bshary, Angus Buckling, Nancy T. Burley, Max N. Burton-Chellew, Michael A. Cant, Michel Chapuisat, Eric L. Charnov, Tim Clutton-Brock, Andrew Cockburn, Blaine J. Cole, Nick Colegrave, Leda Cosmides, Iain D. Couzin, Jerry A. Coyne, Scott Creel, Bernard Crespi, Robert L. Curry, Sasha R. X. Dall, Troy Day, Janis L. Dickinson, Lee Alan Dugatkin, Claire El Mouden, Stephen T. Emlen, Jay Evans, Regis Ferriere, Jeremy Field, Susanne Foitzik, Kevin Foster, William A. Foster, Charles W. Fox, Juergen Gadau, Sylvain Gandon, Andy Gardner, Michael G. Gardner, Thomas Getty, Michael A. D. Goodisman, Alan Grafen, Rick Grosberg, Christina M. Grozinger, Pierre-Henri Gouyon, Darryl Gwynne, Paul H. Harvey, Ben J. Hatchwell, Jürgen Heinze, Heikki Helanterä, Ken R. Helms, Kim Hill, Natalie Jiricny, Rufus A. Johnstone, Alex Kacelnik, E. Toby Kiers, Hanna Kokko, Jan Komdeur, Judith Korb, Daniel Kronauer, Rolf Kümmerli, Laurent Lehmann, Timothy A. Linksvayer, Sébastien Lion, Bruce Lyon, James A. R. Marshall, Richard McElreath, Yannis Michalakis, Richard E. Michod, Douglas Mock, Thibaud Monnin, Robert Montgomerie, Allen J. Moore, Ulrich G. Mueller, Ronald Noë, Samir Okasha, Pekka Pamilo, Geoff A. Parker, Jes S. Pedersen, Ido Pen, David Pfennig, David C. Queller, Daniel J. Rankin, Sarah E. Reece, Hudson K. Reeve, Max Reuter, Gilbert Roberts, Simon K. A. Robson, Denis Roze, Francois Rousset, Olav Rueppell, Joel L. Sachs, Lorenzo Santorelli, Paul Schmid-Hempel, Michael P. Schwarz, Tom Scott-Phillips, Janet Schellmann-Sherman, Paul W. Sherman, David M. Shuker, Jeff Smith, Joseph C. Spagna, Beverly Strassmann, Andrew V. Suarez, Liselotte Turillazzi, Francisco Ubeda, Edward L. Vargo, Bernard Voelkl, Tom Wenseleers, Stuart A. West, Mary Jane West-Eberhard, David W. Westneat, Diane C. Wiernasz, Geoff Wild, Richard Wrangham, Andrew J. Young, David W. Zeh, Jeanne A. Zeh, & Andrew Zink.** 2011. "Inclusive fitness theory and eusociality." *Nature* **471** (24 March): E1-E4.
- Abbott, Alison.** 1999. "Battle lines drawn between 'nanobacteria' researchers." *Nature* **401** (9 September): 105.
- . 2003. "Axeing of website article sparks row at Max Planck." *Nature* **422** (3 April): 460.
- . 2012. "Cell rewind wins medicine Nobel." *Nature* **490** (14 October): 151-152.
- . 2013a. "Doubt cast over tiny stem cells." *Nature* **499** (25 July): 390.
- . 2013b. "Scientists swept up in terrorism trials." *Nature* **500** (8 August): 129-130.
- . 2014. "Spooks generated by brain-body mismatch." *Nature* (6 November) posting (online text at nature.com accessed 11/21/2014).
- . 2015a. "Clever fish." *Nature* **521** (28 May): 412-414.
- . 2015b. "Election results delight scientists." *Nature* **522** (18 June): 264-265.
- . 2015c. "Octopus genome holds clues to uncanny intelligence." *Nature* (12 August) posting (online text at nature.com accessed 1/4/2016).
- . 2016. "Modern Milgram experiment sheds light on power of authority." *Nature* **530** (25 February): 394-395.
- Abbott, Greg, Daniel T. Hodge, Jonathan F. Mitchell, Adam W. Aston, Gregory F. Zoeller,**

- Thomas M. Fisher, Heather Hagan McVeigh, Luther Strange, Michael C. Geraghty, Dustin McDaniel, John W. Suthers, Pamela Jo Bondi, Samuel S. Olens, Lawrence G. Wasden, Derek Schmidt, Jack Conway, James D. “Buddy” Caldwell, Bill Schuette, Jim Hood, Timothy C. Fox, Jon Bruning, Michael DeWine, E. Scott Pruitt, Marty J. Jackley, Robert E. Cooper Jr., John E. Swallow, Kenneth T. Cuccinelli II, & Patrick Morrisey.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).
- Abbott, Richard J.** 2003. “Sex, Sunflowers, and Speciation.” *Science* **301** (29 August): 1189-1190.
- Abbott, Sunshine S., T. Mark Harrison, Axel K. Schmitt, & Stephen J. Mojzsis.** 2012. “A search for thermal excursions from ancient extraterrestrial impacts using Hadean zircon Ti-U-Th-Pb depth profiles.” *Proceedings of the National Academy of Sciences* **109** (21 August): 13486-13492.
- Abby, Sophie S., & Eduardo P. C. Rocha.** 2012. “The Non-Flagellar Type III Secretion System Evolved from the Bacterial Flagellum and Diversified into Host-Cell Adapted Systems.” *PLoS Genetics* (online @ plosgenetics.org) **8** (September): e1002983.
- Abby, Sophie S., Eric Tannier, Manolo Gouy, & Vincent Daubin.** 2012. “Lateral gene transfer as a support for the tree of life.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4962-4967.
- ABC News.* 2000. “Kansas School Board Election May Change Policy.” *ABC News* 2 August Associated Press posting (online text at abcnews.go.com accessed 2/7/2002).
- . 2004. “Six in 10 Take Bible Stories Literally, But Don’t Blame Jews for Death of Jesus.” *ABC News* Polling Unit 10 February posting (online pdf at abcnews.go.com accessed 2/18/2004).
- ABC Science.* 2003. “Genius of Junk (DNA).” *Catalyst* 10 July broadcast transcript posting (online text www.abc.net.au accessed 7/9/2008).
- . 2011a. “Humans crowded out Europe’s Neanderthals.” *News in Science* 29 July posting (online text www.abc.net.au accessed 8/21/2014).
- . 2011b. “Human-Neanderthal coupling rare: study.” *News in Science* 13 September posting (online text www.abc.net.au accessed 8/21/2014).
- Abdala, Fernando, & Ross Damiani.** 2004. “Early development of the mammalian superficial masseter muscle in cynodonts.” *Palaeontologica Africana* **40** (December): 23-29.
- Abdala, Fernando, P. John Hancox, & Johann Neveling.** 2005. “Cynodonts from the uppermost Burgersdorp Formation, South Africa, and their bearing on the biostratigraphy and correlation of the Triassic *Cynognathus* Assemblage Zone.” *Journal of Vertebrate Paleontology* **25** (March): 192-199.
- Abdala, Fernando, Sandra C. Jasinowski, & Vincent Fernandez.** 2013. “Ontogeny of the Early Triassic cynodont *Thrinaxodon liorhinus* (Therapsida): dental morphology and replacement.” *Journal of Vertebrate Paleontology* **33** (November): 1408-1431.
- Abdala, Fernando, & Ana Maria Ribeiro.** 2010. “Distribution and diversity patterns of Triassic cynodonts (Therapsida, Cynodontia) in Gondwana.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **286** (15 February): 202-217.
- Abdala, Fernando, Bruce S. Rubidge, & Juri van den Heever.** 2008. “The Oldest Therocephalians (Therapsida, Eutheriodonta) and the Early Diversification of Therapsida.” *Palaeontology* **51** (July): 1011-1024.
- Abdala, Fernando, & Roger M. H. Smith.** 2009. “A Middle Triassic cynodont fauna from Namibia and its implications for the biogeography of Gondwana.” *Journal of Vertebrate Paleontology* **29** (September): 837-851.
- Abdallah, Chaouki T.** 2011. “Mathematical controllability of genomic networks.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17243-17244.
- Abdelhaleem, Mohamed, Lois Maltais, & Hester Wain.** 2003. “The human *DDX* and *DHX* gene families of putative RNA helicases.” *Genomics* **81** (June): 618-622.
- Abdurakhmonov, Ibrokhim Y., Zabardast T. Buriev, Carla Jo Logan-Young, Abdusattor Abdulkarimov, & Alan E. Pepper.** 2010. “Duplication, divergence and persistence in the

- Phytochrome photoreceptor gene family of cottons (*Gossypium* spp.).” *BMC Plant Biology* (online @ biomedcentral.com) **10** (20 June): 119.
- Abe, Masanori, Hiromi Takahashi, & Reiko Kuroda.** 2014. “Spiral cleavages determine the left-right body plan by regulating Nodal pathway in monomorphic gastropods, *Physa acuta*.” *International Journal of Developmental Biology* **58** (6/7/8): 513-520.
- Abe, Nobuhito.** 2011. “How the Brain Shapes Deception: An Integrated Review of the Literature.” *The Neuroscientist* **17** (October): 560-574.
- Abe, Nobuhito, Toshikatsu Fujii, Kazumi Hirayama, Atsushi Takeda, Yoshiyuki Hosokai, Toshiyuki Ishioka, Yoshiyuki Nishio, Kyoko Suzuki, Yasuto Itoyama, Shoki Takahashi, Hiroshi Fukuda, & Etsuro Mori.** 2009. “Do parkinsonian patients have trouble telling lies? The neurobiological basis of deceptive behavior.” *Brain* **132** (May): 1386-1395.
- Abe, Nobuhito, Jiro Okuda, Maki Suzuki, Hiroshi Sasaki, Tetsuya Matsuda, Etsuro Mori, Minoru Tsukada, & Toshikatsu Fujii.** 2008. “Neural Correlates of True Memory, False Memory, and Deception.” *Cerebral Cortex* **18** (December): 2811-2819.
- Abe, Nobuhito, Maki Suzuki, Takashi Tsukiura, Etsuro Mori, Keiichiro Yamaguchi, Masatoshi Itoh, & Toshikatsu Fujii.** 2006. “Dissociable Roles of Prefrontal and Anterior Cingulate Cortices in Deception.” *Cerebral Cortex* **16** (February): 192-199.
- Abedin, Monika, & Nicole King.** 2008. “The Premetazoan Ancestry of Cadherins.” *Science* **319** (15 February): 946-948.
- . 2010. “Diverse evolutionary paths to cell adhesion.” *Trends in Cell Biology* **20** (December): 734-742.
- Abedon, Stephen T., Stephen L. Adler, Stephen B. Aley, Stephen C. Alley, Stephen Robert Anderson, Stephen W. Arch, Stevan J. Arnold, Steven N. Austad, Stephen M. Baird, Steven A. Balbus, Stephen Barrett, Steven K. Beckendorf, Stephen Beckerman, Steven R. Beissinger, Stephanie J. Belovich, Stephen Blackmore, Steven M. Block, Stephen Patrick Bonser, Stephen H. Bowen, Stephen G. Boxer, Steven E. Brenner, Steven D. Brewer, Steven Briggs, Steven Brill, Stephen Brown, Steven W. Brown, Steven B. Broyles, Stephen G. Brush, Stephen H. Bryant, Stephen Burnett, Stephen D. Busack, Steven W. Buskirk, Steven N. Byers, Stephen D. Cairns, Stephen Cameron, Stephen R. Carpenter, Steven M. Carr, Steven B. Carroll, Steven B. Case, Steven Chu, Steven E. Churchill, Steven Gerard Clarke, Steven J. Collins, Stephen H. Crandall, Stephen T. Crews, Stephen M. Deban, Stephen J. DeCanio, Stephen H. Devoto, Stephen Dewhurst, Steven D’Hondt, Steve DiNardo, Stephen Kenneth Donovan, Stephen M. Downes, Steven R. Dudgeon, Steven Eiger, Stephen P. Ellner, Steven L. Forman, Stephen Freeland, Stephen R. Frost, Stephanie M. Fullerton, Steve Gaines, Stephen C. Gammie, Steven W. Gangestad, Steve Gaulin, Steven R. Gill, Stephen Giovannoni, Stephen P. Goff, Stephen D. Goldinger, Steven C. Good, Stephen Bruce Goodwin, Stephen Grand, Steven Green, Steven Green, Stephen Gregory, Steven P. Gross, Steven J. Hageman, Stephen B. Hager, Steve Halperin, Stephen K. Hamilton, Steven C. Hand, Steven N. Handel, Stephen Hanzély, Stephen C. Harrison, Stephen D. Harrison, Steve E. Hartman, Stephen T. Hasiotis, Stephen D. Hauschka, Stephen B. Heard, Stephen M. Hedrick, Stephen W. Henderson, Steve Henikoff, Steven L. Hopp, Steven A. Hovan, R. Stephen Howard, Stephen P. Hubbell, Steve E. Humphries, Steve Huskey, Stephen T. Hyde, Steven Q. Irvine, Steven Erik Jacobsen, Steve Jeffery, Stephen H. Jenkins, Steven L. Jessup, Steve Jones, Steve Josephson, Steven A. Juliano, Stephen M. Kajiura, Steve Karr, Stephen J. King, Stephen T. Kinsey, Stefan Koenemann, Steven E. Koonin, Stephen Kowalczykowski, Steven L. Kuhn, Stephen G. LaBonne, Stephen Laurence, Stephen E. G. Lea, Steven Bruce Legg, Stephen L. Lehman, Steven L. Lima, Steven T. LoDuca, Stephen H. Loomis, Steven J. Luck, Stefan Luschnig, Steven P. Lynch, Stephen P. Mackessy, Stephen B. Malcolm, Stephanie Mayer, Steven McCullagh, Stephen T. McGarvey, Stephen A. Miller, Stephen M. Miller, Stephan J. Mojzsis, Stephen Monismith, Stephen M. Mount, Stephen S. Mulkey, Stephen J. Mullin, Stephen H. Munroe, Steven F. Myers, Steven A. Nadler, Steven L. Neuberger, Steven P. Novella, Stephen Nowicki, Stephen J.**

- O'Brien, Steven Orzack, Stephen Ousley, Steve Paddock, Stephen R. Palumbi, Steven Pinker, Steven M. Platek, Steven Samuel Plotkin, Stephen Pruett-Jones, Steven Radosevich, Stefan Rahmstorf, Stephen Richards, Steve Rissing, Stephen John Roberts, Steven H. Rogstad, Steven Rose, Stephen T. Ross, Stephen Rothman, Stephen I. Rothstein, Stephan M. Rowland, Steven L. Salzberg, Stephen G. Saupe, Stephen W. Schaeffer, Steven D. Schafersman, Steven M. Schildcrout, Stephen E. Schneider, Stephen H. Schneider, Stephan J. Schoech, Stephen M. Schwartz, Steve Schwartz, Steven Seavey, Steven Selden, Steven Semken, Steven Shackley, Stephen J. Shawl, Stephen Shennan, Steven Sherwood, Stephen M. Shuster, Stephen C. Sillett, Stephen J. Simpson, Stephen T. Smale, Stephen J. Smith, Stefan Sommer, Stephen Sprang, Stephen D. Stahl, Stephen E. Stancyk, Steven M. Stanley, Stephen C. Stearns, Stephen P. Stich, Steve Stowers, Stefan Strack, Steve Strand, Steve Strauss, Stephen A. Stricker, Stephen J. Tapscott, Stephen Temperley, Stefan Thor, Stephen G. Tilley, Stephen S. Tobe, Stephanie Tristram-Nagle, Stephen C. Trombulak, Stephen T. Trumbo, Steven M. Vamosi, Steve Vander Wall, Steven B. Vik, Steven Vogel, Stephen Jay Warburton, Steven Alexander Wasserman, Stephen C. Weeks, Steve Weinberg, Stephen Weiner, Stephen J. Willson, Stephen W. Wilson, Steven J. Wolf, Stefan Leo Wolff, Stephen M. Wolniak, Stephen C. Wood, Stephen Wroe, Steven Yantis, Stephen M. Yezerinae, Stephan I. Zeeman, & Stephen L. Zegura. 2003. "Project Steve: Meet the Steves." *National Center for Science Education* 16 February posting (online text via ncse.com accessed 2/17/2003).
- A Beka*. 2013a. "God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013b. "Discovering God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013c. "Enjoying God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013d. "Exploring God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013e. "Understanding God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013f. "Investigating God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013g. "Observing God's World." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013h. "Science Order and Design." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013i. "Science Earth and Space—New Edition." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013j. "Science Matter and Energy—New Edition." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013k. "Science of the Physical Creation." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013l. "Biology: God's Living Creation." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013m. "Chemistry: Precision and Design." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- . 2013n. "Physics the Foundational Science—New Edition." *A Beka* book information (online text at www.abeka.com accessed 3/30/2013).
- Abel, David L.** 2008. "The 'Cybernetic Cut': Progressing from Description to Prescription in Systems Theory." *The Open Cybernetics & Systemics Journal* 2: 252-262.
- . 2009. "The Capabilities of Chaos and Complexity." *International Journal of Molecular Sciences* 10 (April): 247-291.
- . 2010. "Constraints vs Controls." *The Open Cybernetics & Systemics Journal* 4: 14-27.
- . 2011a. "Peer-reviewed publications of David L. Abel." Blog posting 1 July (online text

- at davidlabel.blogspot.com accessed 7/4/2011).
- . ed. 2011b. *The First Gene: The Birth of Programming, Messaging and Formal Control*. New York: LongView Press.
- . 2012. “David Abel: Formalism not only describes, but preceded, prescribed, organized, and continues to govern and predict Physicality.” *Uncommon Descent* posting 13 May (online text at www.uncommondescent.com accessed 7/31/2017).
- . 2015. *Primordial Prescription: The Most Plaguing Problem of Life Origin Science*. New York: LongView Press.
- Abel, David L., & Jack T. Trevors.** 2005. “Three subsets of sequence complexity and their relevance to biopolymeric information.” *Theoretical Biology and Medical Modelling* (online @ tbiomed.com) **2** (August): 29.
- Abel, Ivan, Dragana Korencic, Michael Ibba, & Dieter Söll.** 2003. “Trans-editing of mischarged tRNAs.” *Proceedings of the National Academy of Sciences* **100** (23 December): 15422-15427.
- Abell, George.** 1973. *Exploration of the Universe*. New York: Holt, Rinehart & Winston.
- Abell, Sandra K.** 2009. “Thinking About Thinking in Science Class.” *National Science Teachers Association Science and Children* **46** (February): 56-57.
- Abelson, John.** 2008. “Is the spliceosome a ribonucleoprotein enzyme?” *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **15** (December): 1235-1237.
- Abe-Ouchi, Ayako, Heinz Blatter, & Atsumu Ohmura.** 1994. “How does the Greenland ice sheet geometry remember the ice age?” *Global and Planetary Change* **9** (January): 133-142.
- Abe-Ouchi, Ayako, Fuyuki Saito, Kenji Kawamura, Maureen E. Raymo, Jun’ichi Okuno, Kunio Takahashi, & Heinz Blatter.** 2013. “Insolation-driven 100,000-year glacial cycles and hysteresis of ice-sheet volume.” *Nature* **500** (8 August): 190-193.
- Abercrombie, Thomas J.** 1985. “Arabia’s Frankincense Trail.” *National Geographic* **168** (October): 474-513.
- Aberhan, Martin, & Wolfgang Kiessling.** 2015. “Persistent ecological shifts in marine molluscan assemblages across the end-Cretaceous mass extinction.” *Proceedings of the National Academy of Sciences* **112** (9 June): 7207-7212.
- Aberhan, Martin, Sabine Nürnberg, & Wolfgang Kiessling.** 2012. “Vision and the diversification of Phanerozoic marine invertebrates.” *Paleobiology* **38** (Spring): 187-204.
- Abernethy, Bob.** 1999. *PBS Religion & Ethics Newsweekly* 23 April Episode 234 transcript posting (online text at www.pbs.org/wnet/religionandethics/ accessed 7/8/2002, not available as of 1/19/2014).
- Abernethy, Bob, & Fred de Sam Lazaro.** 2001. “Evolution and Intelligent Design.” *PBS Religion & Ethics Newsweekly* 28 September Episode 504 (rebroadcast 1 March 2002) transcript posting (online text at www.pbs.org/wnet/religionandethics/ accessed 7/8/2002, not available as of 1/19/2014).
- . 2009. “Darwin at 200.” *PBS Religion & Ethics Newsweekly* 6 February transcript posting (online text at www.pbs.org/wnet/religionandethics/ accessed 1/19/2014).
- Abernethy, Bob, & Kim Lawton.** 2001. “Spirituality of President Bush.” *PBS Religion & Ethics Newsweekly* 19 January Episode 421 transcript posting (online text at www.pbs.org/wnet/religionandethics/ accessed 7/8/2002, not available as of 1/19/2014).
- Abernethy, Bob, & Judy Valente.** 2000. “Teaching Evolution in the Public Schools.” *PBS Religion & Ethics Newsweekly* 28 July Episode 348 transcript posting (online text at www.pbs.org/wnet/religionandethics/ accessed 7/8/2002, not available as of 1/19/2014).
- Abers, Geoffrey A., Peter E. van Keken, Erik A. Kneller, Aaron Ferris, & Joshua C. Stachnik.** 2006. “The thermal structure of subduction zones constrained by seismic imaging: Implications for slab dehydration and wedge flow.” *Earth and Planetary Science Letters* **241** (31 January): 387-397.
- Abi-Rached, Laurent, Matthew J. Jobin, Subhash Kulkarni, Alasdair McWhinnie, Klara Dalva, Loren Gragert, Farbod Babrzadeh, Baback Gharizadeh, Ma Luo, Francis A. Plummer, Joshua Kimani, Mary Carrington, Derek Middleton, Raja Rajalingam,**

- Merel Beksac, Steven G. E. Marsh, Martin Maiers, Lisbeth A. Guethlein, Sofia Tavoularis, Ann-Margaret Little, Richard E. Green, Paul J. Norman, & Peter Parham.** 2011. “The Shaping of Modern Human Immune Systems by Multiregional Admixture with Archaic Humans.” *Science* **334** (7 October): 89-94.
- Abitua, Philip Barron, T. Blair Gainous, Angela N. Kaczmarczyk, Christopher J. Winchell, Clare Hudson, Kaori Kamata, Masashi Nakagawa, Motoyuki Tsuda, Takehiro G. Kusakabe, & Michael Levine.** 2015. “The pre-vertebrate origins of neurogenic placodes.” *Nature* **524** (27 August): 462-465.
- Abitua, Philip Barron, Eileen Wagner, Ignacio A. Navarrete, & Michael Levine.** 2012. “Identification of a rudimentary neural crest in a non-vertebrate chordate.” *Nature* **492** (6 December): 104-107.
- Abler, Michael L., Iddrisu Adam, Gregory H. Adler, Julius Adler, Michael Alfieri, Leslie D. Alldritt, Kama Almasi, Richard Amasino, Fred Anapol, Eric M. Anderson, Cecile Ane, Jean-Michel Ané, Suzanne J. Anglehart, Bettina Arnold, Margaret Atherton, Alan D. Attie, Monika G. Baldrige, Scott Ballantyne, Robert Barber, Alex W. Barker, Claudia Barreto, David Baum, John Baumann, Jeffrey R. Baylis, Edward A. Beach, Jeffrey A. Behm, Stephen P. Bentivenga, T. Robert Berchmans, John A. Berges, Mark S. Bergland, Gerald Bergtrom, Paul E. Berry, Daniel J. Blankenship, Edward Blumenthal, Grace Boekhoff-Falk, Thomas Bolin, Charles R. Bomar, Susan S. Borkin, Jenny Boughman, Bonita Jo Bratina, James A. Brey, Mark Brown, Charlene P. E. Burns, Rebecca S. Burton, Barbara Butler, Karl Byrand, Stephen R. Carpenter, Karen L. Carr, Sean B. Carroll, Michael J. Carvan III, Gary S. Casper, Doug Cherkauer, Donald P. Christian, George Clokey, Charles L. Cohen, Scott Cooper, Sheldon J. Cooper, James G. Coors, Kathleen E. Corley, James B. Courtright, Kevin, Crosby, Kirsten Crossgrove, James F. Crow, Debra Crunkilton, Cameron Currie, Corinne Dempsey, Nancy Dernehl, Bart De Stasio, Elizabeth De Stasio, David Dilkes, John Doebley, Lisa A. Dorn, Stephen Q. Dornbos, Jane E. Dorweiler, Timothy Doyle, Michael L. Draney, H. Gene Drecktrah, Peter O. Dunn, John Dunne, Helene L. Dwyer, Norlene Emerson, Donald E. Fadner, Luca Ferrero, Millicent S. Ficken, Charles C. Fink, Chris H. Floyd, Brian G. Fox, Kim Fredricks, Virginia Freire, Mitchell A. Freymiller, Elizabeth Frieders, Anne M. Galbraith, Andrea Gargas, Audrey Gasch, Dana Geary, Eliabeth A. Gerbec, Thomas L. German, Willis S. Gertner, Thomas J. Givnish, Teresa Gonya, Wendy Gorman, Linda E. Graham, Claudia Gratton, Robin Greenler, Thomas Grittinger, Nevin E. Grossnickle, Donald F. Guay, Kevin Guilfooy, Mary C. Halloran, Colleen Harkins, Toger J. Haro, Charlie R. Hart, Chris Hayes, Colleen E. Hayes, Elizabeth Hayes, R. David Heathcote, Scott Hegrenes, Robert W. Henderson, Richard G. Hein, Lois Helland, David C. Higgs, David Hillier, James R. Hodgson, Beatrice Holton, Sara B. Hoot, David R. Howard, Robert W. Howe, Huebschman, Jeffrey J., Todd C. Huspeni, Reinhold J. Hutz, Hugh Iltis, Anthony R. Ives, John Janssen, Robert L. Jeanne, Robert J. Jeske, Douglas Johnson, Wendel Johnson, Ingrid Jordt, Emmet J. Judziewicz, John R. Jungck, Toivo Kallas, Kathleen Karrer, Jeffrey D. Karron, Alice Keefe, Anthony Kern, Anatoly Khazanov, Laura L. Kiessling, Paula K. Kleintjes, Tom Klubertanz, Karen Klyczek, Kelly J. Knudson, Nighat P. Kokan, Cary Komoto, Robert R. Kowal, Nathan Kraucunas, Dubear Kroening, Egle H. Krosniunas, Nancy A. Krusko, Thomas G. Lammers, Bret Larget, Ross H. Larson, Carol Eunmi Lee, Kevin J. Lee, Tali D. Lee, Stephen Leeds, Catherine L. Leone, Susan E. Lewis, Edward T. Linenthal, Ronald D. Lippi, Dennis Lishka, Yusheng (Christopher) Liu, Michael Lizotte, Charles Long, David Lonzarich, Jim Lorman, Scott Lowe, Gabriele R. Lubach, Neil T. Luebke, Earl Madary, Margaret A. Maher, Thomas M. Malaby, Carol Mankiewicz, Catherine A. Marler, Alan N. Mayer, Gregory C. Mayer, Mark J. McBride, Patricia B. McConnell, Colleen McDermott, Jeffrey S. McKinnon, James Meeker, Daniel J. Meinhardt, Pete Mesner, Gretchen Meyer, W. Flagg Miller, Bradley Mogen, Kim Mogen, Keith Montgomery, Robert D. Morden, David Morgan, Michael D. Morgan, Catherine A. Mossman, Stephen H. Munroe, Maurizio Murru, Michael Nelson, Mike**

- Nofz, Stephen C. Nold, Ronald L. Numbers, Lynn K. Nyhart, Douglas Oba, Ken Parejko, Ann M. Parsons, Jim Oaruk, James R. Paulson, James Pawley, Lou Pech, William J. Perreault, James Perry, Joy B. Perry, Andrew D. Peters, Mark C. E. Peterson, Pamela Petrequin, Andrew J. Petto, Patrick K. Pfaffle, Laurence Phelps, Ruth Phillips, Bela E. Piacsek, Robert Pillsbury. Thomas C. Pleger, Warren Porter, Alan Paul Price, James Provinzano, Susan L. Raab, Ronald T. Raines, Kathleen Rath Marr, Sherry L. Reames, Tara Reed, Bradford G. Rence, Patricia B. Richards, Jennifer A. Sadowski, David W. Saetre, Frank Salomon, Todd R. Sandrin, Jasmine Saros, Neil W. Sawyer, Jame Schaefer, Barrett Scherff, Michael Schlappi, William M. Schneider, Stefan Schnitzer, Daniel N. Schiwalter, Jeffrey A. Schuldt, Gail L. Schumann, Jodi L. Sedlock, Sol Sepsenwol, Diane L. Sewell, Lawrence A. Shapiro, Peter M. Sheehan, Teri Shors, Eric L. Singsaas, David Skryja, Brian H. Smith, Douglas F. Smith, Gregory R. Smith, Charles T. Snowdon, Elliott Sober, Cynthia Sommer, Emily Stanley, Douglas A. Steeber, Robert Stelzer, Karen L. Steudel, Margaret E. Stevens, James Stewart, Antony O. W. Stretton, John E. Strous, Millard Susman, Daniel R. Sutherland, Kenneth J. Sytsma, Wilson A. Taylor, Glenna Temple, Stanley A. Temple, M. Scott Thomson, Ronald L. Troxel, Barbara Truitt, Monica G. Turner, Trudy R. Turner, Robin W. Tyser, Ava J. Udvadia, William Urbrock, Jake Vander Zanden, Dana K. Vaughan, Linda K. Vaughan, James Veninga, Thomas J. Volk, Dirck Vorenkamp, William J. Wainwright, Nancy Wall, R. L. Wallace, Donald M. Waller, Scott Walter, Wayne Weber, Evan Weiher, Michael R. Weil, Alan J. Weisbard, Paul Whitaker, Tracy K. White, V. Alan White, Linda A. Whittingham, Bill Willers, Esther K. Wilson, Charles Wimpee, Michael Winfrey, Darwin D. Wittrock, Mike Woller, Janet Wurst Phelps, Christopher J. Yahnke, Pinfen Yang, Ken Yasukawa, Chaoyang Zeng, Paul Zillgitt, Michael Zimmerman, & Scott D. Zimmerman. 2004. *The Clergy Letter Project* posting of 1 November letter to David Ahlquist & Grantsburg School District (online pdf at theclergyletterproject.org accessed 3/18/2014).
- Abler, William L.** 1999. "The Teeth of the Tyrannosaurs." *Scientific American* **281** (September): 50-51.
- Ablow, Keith.** 2012. "Study finds host of challenges for kids of gay parents." *Fox News* editorial posting 12 June: online text accessed 6/18/2012 (foxnews.com).
- Abo, JoEtta.** 2008. "Santa Rocks." Universities Space Research Association EPOD *Earth Science Picture of the Day* 24 December posting (online text at epod.usra.edu/ accessed 12/24/2008).
- Aboitiz, F., J. Montiel, & J. López.** 2002. "Critical steps in the early evolution of the isocortex. Insights from developmental biology." *Brazilian Journal of Medical and Biological Research* **35** (December): 1445-1472.
- Aboitiz, Francisco, Juan Montiel, Daniver Morales, & Miguel Concha.** 2002. "Evolutionary divergence of the reptilian and the mammalian brains: considerations on connectivity and development." *Brain Research Reviews* **39** (September): 141-153.
- AbouHaider, Mounir Georges, Srividhya Venkataraman, Ashkan Golshani, Bolin Liu, & Tauqeer Ahmad.** 2014. "Novel coding, translation, and gene expression of a replicating covalently closed circular RNA of 220 nt." *Proceedings of the National Academy of Sciences* **111** (7 October): 14542-14547.
- Abouheif, Ehab, & Ab. Matteen Rafiqi.** 2014. "Sex combs find middle ground in evolution debate." *Proceedings of the National Academy of Sciences* **111** (30 September): 14011-14012.
- Abouheif, Ehab, & Gregory A. Wray.** 2002. "Evolution of the Gene Network Underlying Wing Polyphenism in Ants." *Science* **297** (12 July): 249-252.
- Aboul Mahasen, Laila M.** 2016. "Evolution of the Kidney." *Anatomy Physiology & Biochemistry* **1** (June): 555554.
- Abplanalp, Matthew J., Samer Gozem, Anna I. Krylov, Christopher N. Shingledecker, Eric Herbst, & Ralf I. Kaiser.** 2016. "A study of interstellar aldehydes and enols as tracers of a cosmic ray-driven nonequilibrium synthesis of complex organic molecules." *Proceedings*

- of the National Academy of Sciences* **113** (12 July): 7727-7732.
- Abram, Nerilie J., Helen V. McGregor, Jessica E. Tierney, Michael N. Evans, Nicholas P. McKay, Darrell S. Kaufman, & the PAGES 2k Consortium.** 2016. "Early onset of industrial-era warming across the oceans and continents." *Nature* **536** (25 August): 411-418.
- Abraham, Eyal, Talma Hendler, Irit Shapira-Lichter, Yaniv Kanat-Maymon, Orna Zagoory-Sharon, & Ruth Feldman.** 2014. "Father's brain is sensitive to childcare experiences." *Proceedings of the National Academy of Sciences* **111** (8 July): 9792-9797.
- Abraham, Joel K., Eli Meir, Judy Perry, Jon C. Herron, Susan Maruca, & Derek Stal.** 2009. "Addressing Undergraduate Student Misconceptions about Natural Selection with an Interactive Simulated Laboratory." *Evolution: Education & Outreach* **2** (September): 393-404.
- Abraham, Joel K., Kathryn E. Perez, Nicholas Downey, Jon C. Herron, & Eli Meir.** 2012. "Short Lesson Plan Associated with Increased Acceptance of Evolutionary Theory and Potential Change in Three Alternate Conceptions of Macroevolution in Undergraduate Students." *CBE—Life Sciences Education (AKA Cell Biology Education)* **11** (Summer): 152-164.
- Abraham, John, John Fasullo, & Greg Laden.** 2014. "Continued Global Warming in the Midst of Natural Climate Fluctuations." *Reports of the National Center for Science Education* **34** (November-December): 2.1-2.9.
- Abraham, John, & Dana Nuccitelli.** 2014. "Nazis, shoddy science, and the climate contrarian credibility gap." *The Guardian* posting 21 February (online text at theguardian.com accessed 3/7/2014).
- Ábrahám, P., A. Juhász, C. P. Dullemond, Á. Kóspál, R. van Boekel, J. Bouwman, Th. Henning, A. Moór, L. Mosoni, A. Sicilia-Aguilar, & N. Sipos.** 2009. "Episodic formation of cometary material in the outburst of a young Sun-like star." *Nature* **459** (14 May): 224-226.
- Abraham, William J.** 2009. "Systematic Theology as Analytic Theology," in Rea & Crisp (2009, 54-69).
- Abrahams, Brett S., & Daniel H. Geschwind.** 2010. "Connecting Genes to Brain in the Autism Spectrum Disorders." *Archives of Neurology* **67** (April): 395-399.
- Abrahams, B. S., D. Tentler, J. V. Perederiy, M. C. Oldham, G. Coppola, & D. H. Geschwind.** 2007. "Genome-wide analyses of human perisylvian cerebral cortical patterning." *Proceedings of the National Academy of Sciences* **109** (31 July): 17849-17854.
- Abrahams, Ishmael.** 2011. "Kachina Bridge Dinosaur Petroglyph: Still Good Evidence." *Answers in Genesis* article for 18 March (online text at www.answersingenesis.org accessed 3/5/2013).
- Abrahamyan, Arman, Laura Luz Silva, Steven C. Dakin, Matteo Carandini, & Justin L. Gardner.** 2016. "Adaptable history biases in human perceptual decisions." *Proceedings of the National Academy of Sciences* **113** (21 June): E3548-E3557.
- Abramowitz, Yosef I.** 2010. "Tzimtzum and Executive Leadership." *Sh'ma* **40** (January): 10-11.
- Abrams, Abigail.** 2015. "Ben Carson mocks allies and defends anti-science views at religious college: 'There's no Canadian dream'." *The Raw Story* 12 November reposting of *International Business Times* article (online text at www.rawstory.com accessed 11/13/2015).
- Abrams, Daniel A., Anjali Bhatara, Srikanth Ryali, Evan Balaban, Daniel J. Levitin, & Vinod Menon.** 2011. "Decoding Temporal Structure in Music and Speech Relies on Shared Brain Resources but Elicits Different Fine-Scale Spatial Patterns." *Cerebral Cortex* **21** (July): 1507-1518.
- Abrams, Daniel A., Charles J. Lynch, Katherine M. Cheng, Jennifer Phillips, Kaustubh Supekar, Srikanth Ryali, Lucina Q. Uddin, & Vinod Menon.** 2013. "Underconnectivity between voice-selective cortex and reward circuitry in children with autism." *Proceedings of the National Academy of Sciences* **110** (16 July): 12060-12065.
- Abrams, Daniel A., Lucina Q. Uddin, & Vinod Menon.** 2013. "Reply to Brock: Renewed

- focus on the voice and social reward in children with autism.” *Proceedings of the National Academy of Sciences* **110** (15 October): E3974.
- Abramson, Paul.** 2011. “12 Quotes from Leading Evolutionists.” *Creationism* undated posting (online text at www.creationism.org accessed 7/16/2011).
- Abranches, M.C.B., J.W. Arden, & N. H. Gale.** 1980. “Uranium-lead abundances and isotopic studies in the chondrites Richardson and Farmington.” *Earth and Planetary Science Letters* **46** (February): 311-322.
- Abrell, Anne.** 2007. “Just a Little Talk with Jesus: Reaching the Limits of the Legislative Prayer Exception.” *Valparaiso University Law Review* **42** (Fall): 145-190.
- Abril, José M., & Raúl Perriáñez.** 2015. “A Numerical Modelling Study on the Potential Role of Tsunamis in the Biblical Exodus.” *Journal of Marine Science and Engineering* (Taiwan) **3** (3): 745-771.
- Abrusán, György, András Szilágyi, Yang Zhang, & Balázs Papp.** 2013. “Turning gold into ‘junk’: transposable elements utilize central proteins of cellular networks.” *Nucleic Acids Research* **41** (March #5): 3190-3200.
- Abrusci, Patrizia, Marta Vergara-Irigaray, Steven Johnson, Morgan D. Beeby, David Hendrixson, Pietro Rovers, Miriam E. Friede, Janet E. Deane, Grant J. Jensen, Christoph M. Tang, & Susan M. Lea.** 2013. “Architecture of the major component of the type III secretion system export apparatus.” *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **20** (January): 99-104.
- Abruzzi, William S.** 1999. “The Real Chief Seattle Was Not a Spiritual Ecologist.” *Skeptical Inquirer* **23** (March/April): 44-48.
- Abu-Akel, Ahmad.** 2003. “A neurobiological mapping of theory of mind.” *Brain Research Reviews* **43** (September): 29-40.
- Abu Bakar, Suhaili, Edward J. Hollox, & John A. L. Armour.** 2009. “Allelic recombination between distinct genomic locations generates copy number diversity in human β -defensins.” *Proceedings of the National Academy of Sciences* **106** (20 January): 853-858.
- Abuharb, Ibrahim.** 2014. “The Probability of Macroevolution.” *The Religion of Islam* 21 October updated posting (online text at www.islamreligion.com accessed 3/10/2015).
- Aburomia, Rami, Oded Khaner, & Arend Sidow.** 2003. “Functional evolution in the ancestral lineage of vertebrates or when genomic complexity was wagging its morphological tail.” *Journal of Structural and Functional Genomics* **3** (March): 45-52.
- Abzhanov, Arhat, Dwight D. Cordero, Jonaki Sen, Clifford J. Tabin, & Jill A. Helms.** 2007. “Cross-regulatory interactions between *Fgf8* and *Shh* in the avian frontonasal prominence.” *Congenital Anomalies* (Kyoto) **47** (December): 136-148.
- Abzhanov, Arhat, & Thomas C. Kaufman.** 1999a. “Novel regulation of the homeotic gene *Scr* associated with a crustacean leg-to-maxilliped appendage formation.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **126** (15 March): 1121-1128.
- . 1999b. “Homeotic genes and the arthropod head: Expression patterns of the *labial*, *proboscipedia*, and *Deformed* genes in crustaceans and insects.” *Proceedings of the National Academy of Sciences* **96** (21 August): 10224-10229.
- . 2000. “Crustacean (malacostracan) Hox genes and the evolution of the arthropod trunk.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **127** (1 June): 2239-2249.
- Abzhanov, Arhat, Winston P. Kuo, Christine Hartmann, B. Rosemary Grant, Peter R. Grant, & Clifford J. Tabin.** 2006. “The calmodulin pathway and evolution of elongated beak morphology in Darwin’s finches.” *Nature* **442** (3 August): 563-567.
- Abzhanov, Arhat, Aleksandar Popadic, & Thomas C. Kaufman.** 1999. “Chelicerate *Hox* genes and the homology of arthropod segments.” *Evolution & Development* **1** (September-October): 77-89.
- Abzhanov, Arhat, Meredith Protas, B. Rosemary Grant, Peter R. Grant, & Clifford J. Tabin.** 2004. “*Bmp4* and Morphological Variation of Beaks in Darwin’s Finches.” *Science* **305** (3 September): 1462-1465.
- Academic Freedom Foundation.* 2002a. “About the AFF.” *Balanced Science* posting (online text

- at www.balancedscience.net/ accessed 2/10/2003).
- . 2002b. “Dr. Kenneth R. Miller Visits ISD 196.” *Balanced Science* 13 March posting (online text at www.balancedscience.net/ accessed 2/10/2003).
- Academic Freedom Petition*. 2008. “Support Academic Freedom.” *Academic Freedom Petition* posting (online text at www.academicfreedompetition.com accessed 3/10/2008).
- . 2013. “Take Action Now: Urge Ball State University to Support Academic Freedom on Intelligent Design.” *Academic Freedom Petition* posting (online text at www.academicfreedompetition.com accessed 10/18/2013).
- Acampora, Dario, Pietro Pilo, Juan Pedro Martínez-Barbera, Alessandro Annino, Massimo Signore, & Antonio Simeone**. 2001. “Otx genes in evolution: are they involved in instructing the vertebrate brain morphology?” *Journal of Anatomy* **199** (July): 53-62.
- Access Hollywood*. 2012. “Kirk Cameron Defends Todd Akin After ‘Legitimate Rape’ Statement: ‘He’s In A Tough Spot’.” *Yahoo! News* posting 21 August (online text at news.yahoo.com accessed 8/22/2012).
- Accounting Web*. 2010. “Tax attorney, businessman receive prison sentences for tax fraud.” *AccountingWeb* 28 April posting (online text at www.accountingweb.com accessed 2/17/2014).
- Accuracy in Media*. 2012. “SHOCKING? Bill Nye the Science Guy Dismisses Creationists.” *Accuracy in Media* 26 September posting (online text at www.aim.org accessed 11/26/13).
- ACE*. 1999. *The Great Commandment and the Great Commission: God’s Mandate for Christian Education*. Nashville, TN: ACE (Accelerated Christian Education) School of Tomorrow.
- Aceñolaza, G., & F. Aceñolaza**. 2007. “Insights in the Neoproterozoic Early Cambrian transition of NW Argentina: facies, environments and fossils in the proto-margin of western Gondwana.” *Geological Society, London, Special Publications* **286**: 1-13.
- Aceñolaza, Guillermo F., M. Franco Tortello, & Isabel Rábano**. 2001. “The eyes of the early Tremadoc Olenid trilobite *Jujuyaspis keideli* Kobayashi 1936.” *Journal of Paleontology* **75** (March): 346-350.
- Aceofspades**. 2015. “Chromosome 2 fusion?” *Reddit Natural Theology* discussion thread posting (online text at www.reddit.com accessed 1/16/2016).
- Acerbi, Alberto, Magnus Enquist, & Stefano Ghirlanda**. 2009. “Cultural evolution and individual development of openness and conservatism.” *Proceedings of the National Academy of Sciences* **106** (10 November): 18931-18935.
- ACGR*. 2009a. “Age of the Earth.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009b. “Evolution/Creation: An Introduction.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009c. “Prime Motivation of the Universe is Love.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009d. “The Religion of Evolution: Nine Reasons to be a Darwin Doubter.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009e. “Science Fiction or Science Fact: Theism as the Foundation for Modern Science.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009f. “The Secularization of American Higher Education.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009g. “Worldview and Ethics.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009h. “Robert Boyle.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009i. “Leonhard Euler.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009j. “Fleming Views on God.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at acgr.org accessed 5/9/2011).
- . 2009k. “Determinism and Free Will, James Clerk Maxwell.” *Association of Christian*

- Graduate Researchers posting (online pdf at *acgr.org* accessed 5/9/2011).
- . 2009l. “Sir Isaac Newton.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at *acgr.org* accessed 5/9/2011).
- . 2009m. “Blaise Pascal.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at *acgr.org* accessed 5/9/2011).
- . 2009n. “Sir George C. Stokes.” *Association of Christian Graduate Researchers* posting (online pdf at *acgr.org* accessed 5/9/2011).
- . 2009o. “Wernher von Braun.” *Association of Christian Graduate Researchers* PowerPoint presentation (online file at *acgr.org* accessed 5/9/2011).
- Achar, Yathish Jagadheesh, David Balogh, & Lajos Haracska.** 2011. “Coordinated protein and DNA remodeling by human HLTf on stalled replication fork.” *Proceedings of the National Academy of Sciences* **108** (23 August): 14073-14078.
- Achard, Sophie, Chantal Delon-Martin, Petra E. Vértes, Félix Renard, Maleka Schenck, Francis Schneider, Christian Heinrich, Stéphane Kremer, & Edward T. Bullmore.** 2012. “Hubs of brain functional networks are radically reorganized in comatose patients.” *Proceedings of the National Academy of Sciences* **109** (11 December): 20608-20613.
- Acharya, Narottam, Ramappa K. Talawar, K. Saikrishnan, M. Vijayan, & Umesh Varshney.** 2003. “Substitutions at tyrosine 66 of *Escherichia coli* uracil DNA glycosylase lead to characterization of an efficient enzyme that is recalcitrant to product inhibition.” *Nucleic Acids Research* **31** (15 December): 7216-7226.
- Ache, Barry W., & Janet M. Young.** 2005. “Olfaction: Diverse Species, Conserved Principles.” *Neuron* **48** (3 November): 417-430.
- Achenbach, Alexandra, & Susanne Foitzik.** 2009. “First Evidence for Slave Rebellion: Enslaved Ant Workers Systematically Kill the Brood of Their Social Parasite *Protomognathus americanus*.” *Evolution* **63** (April): 1068-1075.
- Achenbach, Joel.** 2003. “Dinosaurs Come Alive.” *National Geographic* **203** (March): 2-33.
- . 2009. “When Yellowstone Explodes.” *National Geographic* **216** (August): 56-69.
- Achilli, Alessandro, Anna Olivieri, Pedro Soares, Hovirag Lancioni, Baharak Hooshiar Kashani, Ugo A. Perego, Solomon G. Nergadze, Valeria Carossa, Marco Santagostino, Stefano Capomaccio, Michela Felicetti, Walid Al-Achkar, M. Cecilia T. Penedo, Andrea Verini-Supplizi, Massoud Houshmand, Scott R. Woodward, Ornella Semino, Maurizio Silvestrelli, Elena Giulotto, Luisa Pereira, Hans-Jürgen Bandelt, & Antonio Torroni.** 2012. “Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication.” *Proceedings of the National Academy of Sciences* **109** (14 February): 2449-2454.
- Achilli, Alessandro, Ugo A. Perego, Hovirag Lancioni, Anna Olivieri, Francesca Gandini, Baharak Hooshiar Kashani, Vincenza Battaglia, Viola Grugni, Norman Angerhofer, Mary P. Rogers, Rene J. Herrera, Scott R. Woodward, Damian Labuda, David Glenn Smith, Jerome S. Cybulski, Ornella Semino, Ripan S. Malhi, & Antonio Torroni.** 2013. “Reconciling migration models to the Americas with the variation of North American native mitogenomes.” *Proceedings of the National Academy of Sciences* **110** (27 August): 14308-14313.
- Achim, Kaia, & Detlev Arendt.** 2014. “Structural evolution of cell types by step-wise assembly of cellular modules.” *Current Opinion in Genetics & Development* **27** (August): 102-108.
- Achtemeier, Gary L.** 1999. “High Priest of Evolution Reveals His Religion.” *The True Origin Archive* 9 September posting (online text at *trueorigin.org* accessed 5/15/2014).
- Achtman, Mark, Kerstin Zurth, Giovanna Morelli, Gabriela Torrea, Annie Guiyoule, & Elisabeth Carniel.** 1999. “*Yersinia pestis*, the cause of plague, is a recently emerged clone of *Yersinia pseudotuberculosis*.” *Proceedings of the National Academy of Sciences* **96** (23 November): 14043-14048.
- Acker, Felix.** 2008. “New findings on unconscious thought in decision making: additional empirical data and meta-analysis.” *Judgment and Decision Making* **3** (April): 292-303.
- Ackerman, Diane.** 1990. *A Natural History of the Senses*. New York: Vintage Books.
- . 2004. *An Alchemy of Mind: The Marvel and Mystery of the Brain*. New York: Scribner.

- Ackerman, Jennifer.** 1998. "Dinosaurs Take Wing." *National Geographic* **194** (July): 74-99.
- . 2006. "The Downside of Upright." *National Geographic* **210** (July): online text accessed 8/29/2011 (ngm.nationalgeographic.com).
- Ackerman, Joshua M., Christopher C. Nocera, & John A. Bargh.** 2010. "Incidental Haptic Sensations Influence Social Judgments and Decisions." *Science* **328** (25 June): 1712-1715.
- Ackerman, Joshua M., Jenessa R. Shapiro, & Jon K. Maner.** 2009. "When is it good to believe bad things?" *Behavioral and Brain Sciences* **32** (6): 510-511.
- Ackerman, Paul D.** 1986. *It's A Young World After All: Exciting Evidences for Recent Creation*. Grand Rapids, MI: Baker Books.
- . 2000. "The Compelling Secular Necessity of the Kansas Board of Education's Amendments to its Science Education Standards." *The True Origin Archive* undated posting (online text at trueorigin.org accessed 7/18/2001).
- Ackermann, M., M. Ajello, A. Allafort, P. Schady, L. Baldini, J. Ballet, G. Barbiellini, D. Bastieri, R. Bellazzini, R. D. Blandford, E. D. Bloom, A. W. Borgland, E. Bottacini, A. Bouvier, J. Bregeon, M. Brigida, P. Bruel, E. Buehler, S. Buson, G. A. Caliendo, R. A. Cameron, P. A. Caraveo, E. Cavazzuti, C. Cecchi, E. Charles, R. C. G. Chaves, A. Chekhtman, C. C. Cheung, J. Chiang, G. Chiaro, S. Ciprini, R. Claus, J. Cohen-Tanugi, J. Conrad, S. Cutini, F. D'Ammando, F. de Palma, C. D. Dermer, S. W. Digel, E. do Couto e Silva, A. Domínguez, P. S. Drell, A. Drlica-Wagner, C. Favuzzi, S. J. Fegan, W. B. Focke, A. Franckowiak, Y. Fukazawa, S. Funk, P. Fusco, F. Gargano, D. Gasparrini, N. Gehrels, S. Germani, N. Giglietto, F. Giordano, M. Giroletti, T. Glanzman, G. Godfrey, I. A. Grenier, J. E. Grove, S. Guiriec, M. Gustafsson, D. Hadasch, M. Hayashida, E. Hays, M. S. Jackson, T. Jogler, J. Kataoka, J. Knödlseider, M. Kuss, J. Lande, S. Larsson, L. Latronico, F. Longo, F. Loparco, M. N. Lovellette, P. Lubrano, M. N. Mazziotta, J. E. McEnery, J. Mehault, P. F. Michelson, T. Mizuno, C. Monte, M. E. Monzani, A. Morselli, I. V. Moskalenko, S. Murgia, A. Tramacere, E. Nuss, J. Greiner, M. Ohno, T. Ohsugi, N. Omodei, M. Orienti, E. Orlando, J. F. Ormes, D. Paneque, J. S. Perkins, M. Pesce-Rollins, F. Piron, G. Pivato, T. A. Porter, S. Rainò, R. Rando, M. Razzano, S. Razzaque, A. Reimer, O. Reimer, L. C. Reyes, S. Ritz, A. Rau, C. Romoli, M. Roth, M. Sánchez-Conde, D. A. Sanchez, J. D. Scargle, C. Sgrò, E. J. Siskind, G. Spandre, P. Spinelli, Łukasz Stawarz, D. J. Suson, H. Takahashi, T. Tanaka, J. G. Thayer, D. J. Thompson, L. Tibaldo, M. Tinivella, D. F. Torres, G. Tosti, E. Troja, T. L. Usher, J. Vandenbroucke, V. Vasileiou, G. Vianello, V. Vitale, A. P. Waite, B. L. Winer, K. S. Wood, & M. Wood.** 2012. "The Imprint of the Extragalactic Background Light in the Gamma-Ray Spectra of Blazars." *Science* **338** (30 November): 1190-1192.
- Ackert, Lucy F., Bryan K. Church, Xi (Jason) Kuang, & Li Qi.** 2011. "Lying: An Experimental Investigation of the Role of Situational Factors." *Business Ethics Quarterly* **21** (October): 605-632.
- Ackroyd, Peter.** 1998. *The Life of Thomas More*. New York: Nan A. Talese (Doubleday).
- A Conservative Teacher.** 2011. "Questioning Global Warming Compared by Committee to Other 'Falacies' Like Believing in God: A Personal Story." *A Conservative Teacher* 10 May posting (online text at aconservativeteacher.blogspot.com accessed 2/22/2013).
- . 2013a. "5th Grade Math Worksheets Published by Scholastic Push Communist Views?" *A Conservative Teacher* 15 January posting (online text at aconservativeteacher.blogspot.com accessed 2/22/2013).
- . 2013b. "Help Support Kansas Legislation That Would Require Fairness in Teaching Climate Change." *A Conservative Teacher* 19 February posting (online text at aconservativeteacher.blogspot.com accessed 2/22/2013).
- Acosta Hospitaleche, Carolina, Claudia Tambussi, Mariano Donato, & Mario Cozzuol.** 2007. "A new Miocene penguin from Patagonia and its phylogenetic relationships." *Acta Palaeontologica Polonica* **52** (2): 299-314.
- Acton, Rush K.** 1978. "Bone Disease Simulating Ancient Age in 'Pre-Human' Fossils." Institute for Creation Research *Acts & Facts* (May) posting (online text at icr.org accessed 5/26/2017).

- Acuña, Ricardo, Beatriz E. Padilla, Claudia P. Flórez-Ramos, José D. Rubio, Juan C. Herrera, Pablo Benavides, Sang-Jik Lee, Trevor H. Yeats, Ashley N. Egan, Jeffrey J. Doyle, & Jocelyn K. C. Rose.** 2012. “Adaptive horizontal transfer of a bacterial gene to an invasive insect pest of coffee.” *Proceedings of the National Academy of Sciences* **109** (13 March): 4197-4202.
- Acuna-Hidalgo, Rocio, Tan Bo, Michael P. Kwint, Maartje van de Vorst, Michele Pinelli, Joris A. Veltman, Alexander Hoischen, Lisenka E. L. M. Vissers, & Christian Gilissen.** 2015. “Post-zygotic Point Mutations Are an Underrecognized Source of De Novo Genomic Mutation.” *The American Journal of Human Genetics* **97** (2 July): 67-74.
- Aczel, Amir D.** 2007. *The Jesuit and the Skull: Teilhard de Chardin, Evolution, and the Search for Peking Man*. New York: Riverhead Books.
- . 2011. *A Strange Wilderness: The Lives of the Great Mathematicians*. New York: Sterling.
- . 2014. *Why Science Does Not Disprove God*. New York: William Morrow.
- Adachi, Noritaka, Molly Robinson, Aden Goolsbee, & Neil H. Shubin.** 2016. “Regulatory evolution of *Tbx5* and the origin of paired appendages.” *Proceedings of the National Academy of Sciences* **113** (6 September): 10115-10120.
- Adam, David.** 2001. “Museum suffers spiritual cramps over Mendel’s work.” *Nature* **410** (1 March): 6.
- Adam, Iddrisu, Rafique Ahmed, Jean M. Bahr, Robert W. Baker, Carol Bendorf, Charles R. Bentley, Prajukti (Juk) Bhattacharyya, Marcia Bjornerud, Carl J. Bowser, James A. Brey, Phillip Brown, Karl Byrand, Douglas Cherkauer, William S. Cordua, Dyanna Czeck, Michael J. Day, Christie Demosthenous, R. H. Dott Jr., Stephen Q. Dornbos, Steven I. Dutch, Norlene Emerson, Douglas J. Faulkner, C. W. Fetter, Tom Fitz, Randy Gabrys Alexson, Laurel B. Goodwin, Timothy J. Grundl, Nelson R. Ham, Karen G. Havholm, Catherine H. Helgeland, Eric E. Hiatt, John L. Isbell, Harry Jol, Norris W. Jones, Kerry L. Keen, Diann S. Kiesel, Joanne Kluessendorf, George J. Kraft, Gene L. LaBerge, Sall A. LaBerge, Thomas S. Laudon, Daniel J. Lehrmann, Karen A. Lemke, David L. LePain, Zhaohui Li, Frederick Madison, Louis J. Maher Jr., Carol Mankiewicz, Paul Mayer, James W. McKee, Carl V. Mendelson, David M. Mickelson, William N. Mode, Michael E. Nelson, Dan E. Olson, Meredith E. Ostrom, John Palmquist, Richard A. Paull, Rachel K. Paull, Timothy S. Paulsen, Lloyd C. Pray, Alan Paul Price, James R. Rougvie, Nita Sahai, Amy Schiebel, Colin A. Shaw, Peter Sheehan, Anthony J. Simo, John D. Skalbeck, Ronald D. Stieglitz, Clifford Thurber, Basil Tikoff, Jack W. Travis, John W. Valley, Stephen J. Vavrus, Mari A. Vice, Jennifer M. Wenner, Dean Wilder, & Ian Williams.** 2004. *The Clergy Letter Project* posting of 22 November letter to David Ahlquist & Grantsburg School District (online pdf at theclergyletterproject.org accessed 3/18/2014).
- Adam, Rodney D.** 2001. “Biology of *Giardia lamblia*.” *Clinical Microbiology Reviews* **14** (July): 447-475.
- Adamala, Katarzyna, & Jack W. Szostak.** 2013. “Nonenzymatic Template-Directed RNA Synthesis Inside Model protocells.” *Science* **342** (29 November): 1098-1100.
- Adamczyk, Andrew J., Jie Cao, Shina C. L. Kamerlin, & Arieh Warshel.** 2011. “Catalysis by dihydrofolate reductase and other enzymes arises from electrostatic preorganization, not conformational motions.” *Proceedings of the National Academy of Sciences* **108** (23 August): 14115-14120.
- Adameyko, Igor, Francois Lallemand, Jorge B. Aquino, Jorge A. Pereira, Piotr Topilko, Thomas Müller, Nicolas Fritz, Anna Beljajeva, Makoto Mochii, Isabel Liste, Dmitry Usoskin, Ueli Suter, Carmen Birchmeier, & Patrick Emfors.** 2009. “Schwann Cell Precursors from Nerve Innervation Are a Cellular Origin of Melanocytes in Skin.” *Cell* **139** (16 October): 366-379.
- Adami, Christoph.** 2006. “Reducible Complexity.” *Science* **312** (7 April): 61-63.
- . 2014. “Information-Theoretic Considerations Concerning the Origin of Life.” *Biology arXiv.org* posting 2 September (online pdf at arxiv.org accessed 9/10/2014).
- . 2015. “Robots with instincts.” *Nature* **521** (28 May): 426-427.

- Adami, Christoph, & Arend Hintze.** 2013. “Evolutionary instability of zero-determinant strategies demonstrates that winning is not everything.” *Nature Communications* (online @ nature.com) **4** (1 August): 2193.
- Adami, Christoph, Charles Ofria, & Travis C. Collier.** 2000. “Evolution of biological complexity.” *Proceedings of the National Academy of Sciences* **97** (25 April): 4463-4468.
- Adamo, Shelley Anne.** 2016. “Consciousness explained or consciousness redefined?” *Proceedings of the National Academy of Sciences* **113** (5 July): E3812.
- Adamo, Shelley A., Ilya Kovalko, Russell H. Easy, & Don Stoltz.** 2014. “A viral aphrodisiac in the cricket *Gryllus texensis*.” *The Journal of Experimental Biology* **217** (1 June): 1970-1976.
- Adamowicz, Sarah J., Andy Purvis, & Matthew A. Wills.** 2008. “Increasing morphological complexity in multiple parallel lineages of the Crustacea.” *Proceedings of the National Academy of Sciences* **105** (25 March): 4786-4791.
- Adams, Anne.** 2014. “Maple fest proposed for state title; Science teaching, town council bills also filed.” *The Recorder* (Virginia) posting 23 January: online text accessed 1/29/2014 (recorder.our-hometown.com).
- Adams, C. N., & J. R. Maltby.** 2001. “Religious objections I: blaming the Church—labouring under a misconception.” *The History of Anaesthesia Society Proceedings* **29**: 42-49 (online pdf at www.histansoc.org.uk accessed 6/28/2014).
- Adams, Dany S., & Michael Levin.** 2013. “Endogenous voltage gradients as mediators of cell-cell communication: strategies for investigating bioelectrical signals during pattern formation.” *Cell Tissue Research* **352** (April): 95-102.
- Adams, Fred.** 2002. *Origins of Existence: How Life Emerged in the Universe*. New York: The Free Press.
- Adams, Jill U., & Kenne M. Shaw.** 2008. “Atavism: Embryology, Development and Evolution.” *Nature Education* (online @ nature.com) **1** (1): 131.
- Adams, Jonathan, Mark Maslin, & Ellen Thomas.** 1999. “Sudden climate transitions during the Quaternary.” *Progress in Physical Geography* **23** (March): 1-36.
- Adams, Keith.** 2013. “Genomic Clues to the Ancestral Flowering Plant.” *Science* **342** (20 December): 1456-1457.
- Adams, Keith L., Richard Cronn, Ryan Percifield, & Jonathan F. Wendel.** 2003. “Genes duplicated by polyploidy show unequal contributions to the transcriptome and organ-specific reciprocal silencing.” *Proceedings of the National Academy of Sciences* **100** (15 April): 4649-4654.
- Adams, Keith L., Daniel O. Daley, James Whelen, & Jeffrey D. Palmer.** 2002. “Genes for Two Mitochondrial Ribosomal Proteins in Flowering Plants Are Derived from Their Chloroplast or Cytosolic Counterparts.” *The Plant Cell* **14** (April): 931-943.
- Adams, Keith L., Monica Rosenblueth, Yin-Long Qiu, & Jeffrey D. Palmer.** 2001. “Multiple Losses and Transfers to the Nucleus of Two Mitochondrial Succinate Dehydrogenase Genes During Angiosperm Evolution.” *Genetics* **158** (July): 1289-1300.
- Adams, Mark James.** 2011. “Evolutionary Genetics of Personality in Nonhuman Primates,” in Inoue-Murayama *et al.* (2011, 137-164).
- Adams, Michael.** 2013. “Open questions: genomics and how far we haven’t come.” *BMC Biology* (online @ biomedcentral.com) **11** (31 October): 109.
- Adams, Michael, Tico Almeida, Brandie Balken, Katie Belanger, Wayne Besen, A. J. Bockelman, Sharon Brackett, Carly Burton, Eliza Byard, Stuart Campbell, Jennifer Chrisler, Brad Clark, R. Clarke Cooper, Dwayne Crenshaw, Heather Cronk, Jerame Davis, Emily Dievendorf, James Esseks, Lynn A. Faria, Jenna Frazzini, Joshua A. Friedes, Herndon Graddick, Chad Griffin, Ben de Guzman, Jody M. Huckaby, Rebecca Isaacs, Delores A. Jacobs, Valarie Kaur, Mara Keisling, Kate Kendall, Abbe Land, Gregory Lewis, Eileen Ma, David Mariner, Kim I. Miller, Ineke Mushovic, National Coalition of Anti-Violence Projects, Darlene Nipper, Donna Red Wing, Marisa Richmond, Aubrey Sarvis, Josh Seefried, Peggy Shorey, Brian Silva, A. J. Singletary, Lee Swislow, Rachel B. Tiven, Shane Windmeyer, Chuck Wolfe, & Evan**

- Wolfson.** 2012. “Joint statement regarding shooting at Family Research Council (FRC) from lesbian, gay, bisexual and transgender (LGBT) organizations.” *GLAAD* 15 August posting (online text at www.glaad.org accessed 8/22/2012).
- Adams, Rachel.** 2017. “Education Day on Intelligent Design, Now an Annual Event, Is a Growing Success!” Discovery Institute *Evolution News & Science Today* 16 March posting (online text at evolutionnews.org accessed 4/9/2017).
- Adams, Rachele M. M., Joanito Liberti, Anders A. Illum, Tappey H. Jones, David R. Nash, & Jacobus J. Boomsma.** 2013. “Chemically armed mercenary ants protect fungus-farming societies.” *Proceedings of the National Academy of Sciences* **110** (24 September): 15752-15757.
- Adams, Reginald B. Jr., Heather L. Gordon, Abigail A. Baird, Nalini Ambady, & Robert E. Kleck.** 2003. “Effects of Gaze on Amygdala Sensitivity to Anger and Fear Faces.” *Science* **300** (6 June): 1536.
- Adams, Scott.** 2013. “I Hope My Father Does Soon.” *Scott Adams Blog* 23 November posting (online text at www.dilbert.com accessed 12/20/2013).
- Ádány, R., & H. Bárdos.** 2003. “Factor XIII subunit A as an intracellular transglutaminase.” *Cellular and Molecular Life Sciences* **60** (June): 1049-1060.
- Adcock, Gregory J., Elizabeth S. Dennis, Simon Eastea, Gavin A. Huttley, Lars S. Jermin, W. James Peacock, & Alan Thorne.** 2001. “Mitochondrial DNA sequences in ancient Australians: Implications for modern human origins.” *Proceedings of the National Academy of Sciences* **98** (16 January): 537-542.
- Addante, Richard J., Andrew J. Watrous, Andrew P. Yonelinas, Arne D. Ekstrom, & Charan Ranganath.** 2011. “Prestimulus theta activity predicts correct source memory retrieval.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10702-10707.
- Addepalli, Balasubrahmanyam, & Arthur G. Hunt.** 2007. “A novel endonuclease activity associated with the *Arabidopsis* ortholog of the 30-kDa subunit of cleavage and polyadenylation specificity factor.” *Nucleic Acids Research* **35** (July #7): 4453-4463.
- Adebali, Ogun, Yi-Ying Chiou, Jinchuan Hu, Aziz Sancar, & Christopher P. Selby.** 2017. “Genome-wide transcription-coupled repair in *Escherichia coli* is mediated by the Mfd translocase.” *Proceedings of the National Academy of Sciences* **114** (14 March): E2116-E2125.
- Adega, F., H. Guedes-Pinto, & R. Chaves.** 2009. “Satellite DNA in the karyotype evolution of domestic animals—clinical considerations.” *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **126** (December): 12–20.
- Adegbola, Abidemi A., Gerald F. Cox, Elizabeth M. Bradshaw, David A. Hafler, Alexander Gimelbrandt, & Andrew Chess.** 2015. “Monoallelic expression of the human *FOXP2* speech gene.” *Proceedings of the National Academy of Sciences* **112** (2 June): 6848-6854.
- Adelman, Karen, & Emily Egan.** 2017. “Non-coding RNA: More uses for genomic junk.” *Nature* **543** (9 March): 183-185.
- Ader, Robert, & Nicholas Cohen.** 1975. “Behaviorally Conditioned Immunosuppression.” *Psychosomatic Medicine* **37** (July-August): 333-340.
- Adey, Nils B., Trygve O. Tollefsbol, Andrew B. Sparks, Marshall Hall Edgell, & Clyde A. Hutchison III.** 1994. “Molecular resurrection of an extinct ancestral promoter for mouse *L1*.” *Proceedings of the National Academy of Sciences* **91** (15 February): 1569-1573.
- Adhikari, Kaustubh, Macarena Fuentes-Guajardo, Mirsha Quinto-Sánchez, Javier Mendoza-Revilla, Juan Camilo Chacón-Duque, Victor Acuña-Alonzo, Claudia Jaramillo, William Arias, Rodrigo Barquera Lozano, Gastón Macin Pérez, Jorge Gómez-Valdés, Hugo Villamil-Ramírez, Tábita Hunemeier, Virginia Ramallo, Caio C. Silva de Cerqueira, Malena Hurtado, Valeria Villegas, Vanessa Granja, Carla Gallo, Giovanni Poletti, Lavinia Schuler-Faccini, Francisco M. Salzano, Maria-Cátira Bortolini, Samuel Canizales-Quinteros, Michael Cheeseman, Javier Rosique, Gabriel Bedoya, Francisco Rothhammer, Denis Headon, Rolando González-José, David Balding, & Andrés Ruiz-Linares.** 2016. “A genome-wide association scan implicates *DCHS2*, *RUNX2*, *GLI3*, *PAX1* and *EDAR* in human facial variation.” *Nature*

- Communications* (online @ nature.com) **7** (19 May): 11616.
- Adida, Claire L., David D. Laitin, & Marie-Anne Valfort.** 2010. "Identifying barriers to Muslim integration in France." *Proceedings of the National Academy of Sciences* **107** (28 December): 22384-22390.
- Adkins-Regan, Elizabeth, & Hudson K. Reeve.** 2014. "Sexual Dimorphism in Body Size and the Origin of Sex-Determination Systems." *The American Naturalist* **183** (April): 519-536.
- Adl, Sina M., Alastair G. B. Simpson, Mark A. Farmer, Robert A. Anderson, O. Roger Anderson, John R. Barta, Samuel S. Bowser, Guy Brugerolle, Robert A. Fensome, Suzanne Fredericq, Timothy Y. James, Sergei Karpov, Paul Kugrens, John Krug, Christopher E. Lane, Louise A. Lewis, Jean Lodge, Denis H. Lynn, David G. Mann, Richard M. McCourt, Leonel Mendoza, Øjvind Moestrup, Sharon E. Mozley-Standridge, Thomas A. Nerad, Carol A. Shearer, Alexey V. Smirnov, Frederick W. Spiegel, & Max F. J. R. Taylor.** 2005. "The New Higher Level Classification of Eukaryotes with Emphasis on the Taxonomy of Protists." *The Journal of Eukaryotic Microbiology* **52** (October): 399-451.
- Adler, Daniel S.** 2009. "The earliest musical tradition." *Nature* **460** (6 August): 695.
- Adler, D. S., K. N. Wilkinson, S. Blockley, D. F. Mark, R. Pinhasi, B. A. Schmidt-Magee, S. Nahapetyan, C. Mallol, F. Berna, P. J. Glauberman, Y. Raczyński-Henk, N. Wales, E. Frahm, O. Jöris, A. MacLeod, V. C. Smith, V. L. Cullen, & B. Gasparian.** 2014. "Early Levallois technology and the Lower to Middle Paleolithic transition in the Southern Caucasus." *Science* **345** (26 September): 1609-1613.
- Adler, Mortimer J.** 1967. *The Difference of Man and the Difference It Makes*. New York: Holt, Rinehart & Winston.
- . 1980. *How to Think About God: A Guide for the 20th-Century Pagan*. 1991 pb ed. New York: Collier Books.
- . 1985. *Ten Philosophical Mistakes*. 1996 pb ed. New York: Touchstone.
- . 1990. *Truth in Religion: The Plurality of Religions and the Unity of Truth*. New York: Macmillan.
- , ed. Max Weismann. 2000. *How to Think about The Great Ideas: From the Great Books of Western Civilization*. Chicago: Open Court.
- Adler, Sarah, & Edmund Levin.** 2001. "Some Gays Can Go Straight, Study Says." *ABC News* 9 May posting (online text at abcnews.go.com accessed 9/24/2001).
- Adoutte, André, Guillaume Balavoine, Nicolas Lartillot, Olivier Lespinet, Benjamin Prud'homme, & Renaud de Rosa.** 2000. "The new animal phylogeny: Reliability and implications." *Proceedings of the National Academy of Sciences* **97** (25 April): 4453-4456.
- Adrain, Colin, & Matthew Freeman.** 2012. "New Lives for old: evolution of pseudoenzyme function illustrated by iRhoms." *Nature Reviews Molecular Cell Biology* **13** (July): 489-498.
- Adrain, Jonathan M., & Stephen R. Westrop.** 2006. "New genus of dimeropygid trilobites from the earliest Ordovician of Laurentia." *Acta Palaeontologica Polonica* **51** (3): 541-550.
- Adriaens, Dominique, Jonathan N. Baskin, & Hendrik Coppens.** 2010. "Evolutionary morphology of trichomycterid catfishes: about hanging on and digging in," in J. Nelson *et al.* (2010, 337-362).
- Adrion, Jeffrey R., P. Signe White, & Kristi L. Montooth.** 2016. "The Roles of Compensatory Evolution and Constraint in Aminoacyl tRNA Synthetase Evolution." *Molecular Biology and Evolution* **33** (January): 152-161.
- The Advocate*. 2012. "Louisiana's Loch Ness mythology." *Baton Rouge Advocate* editorial 19 August: online text accessed 1/26/2013 (theadvocate.com).
- Aebersold, Ruedi, & Matthias Mann.** 2016. "Mass-spectrometric exploration of proteome structure and function." *Nature* **537** (15 September): 347-355.
- AEI Newsletter*. 2005. "Darwin, Intelligent Design, and Science Education." American Enterprise Institute *AEI Newsletter* 1 December posting (online text at www.aei.org accessed 8/25/2012).

- Aertgeerts, Kathleen, Hendrik L. De Bondt, Camiel J. De Ranter, & Paul J. Declerck.** 1995. "Mechanisms contributing to the conformational and functional flexibility of plasminogen activator inhibitor-1." *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **2** (October): 891-897.
- Aeschbacher, Simon, Jessica P. Selby, John H. Willis, & Graham Coop.** 2017. "Population-genomic inference of the strength and timing of selection against gene flow." *Proceedings of the National Academy of Sciences* **114** (3 July): 7061-7066.
- AFA.** 2002a. "'Restoring America's Greatness' Conference." *American Family Association* posting (online text at *afa.net* accessed 2/5/2002).
- . 2002b. "California school district requires study of Islam." *American Family Association AFA Journal* "NEWS OF INTEREST" March posting (online text at *afa.net* accessed 4/3/2002, not available as of 10/26/2014).
- . 2013. "NBC: A violent and gory mocking of Jesus." *American Family Association* 19 February posting (online text at *afa.net* accessed 2/19/2013).
- Afarensis.** 2005. "Wells, Centrioles and Cancer: Bad things Happen when you Believe your own Metaphor." *Afarensis* 5 June posting (online text at *mcdougald.blogspot.com* accessed 3/21/2014).
- . 2009. "Casey Luskin Visits Lucy." *Afarensis* posting 8 February (online text at *scienceblogs.com/afarensis* accessed 2/9/2009).
- . 2012a. "A Response to Joseph Kuhn's *Dissecting Darwinism*." *Afarensis* 22 January posting (online text at *afarensis99.wordpress.com* accessed 3/13/2012).
- . 2012b. "Stupid Creationist Quote of the Week: Ben Carson on Evolution." *Afarensis* 18 May posting (online text at *afarensis99.wordpress.com* accessed 5/20/2012).
- . 2012c. "Luskin, *Science and Human Origins*, and Dik-Dik Feces." *Afarensis* 11 August posting (online text at *afarensis99.wordpress.com* accessed 8/16/2012).
- . 2012d. "Afarensis: Anthropology, Evolution, and Science." *Afarensis* 14 October posting (online text at *afarensis99.wordpress.com* accessed 10/18/2012).
- Afek, Ariel, Joshua L. Schipper, John Horton, Raluca Gordán, & David B. Lukatsky.** 2014. "Protein-DNA binding in the absence of specific base-pair recognition." *Proceedings of the National Academy of Sciences* **111** (2 December): 17140-17145.
- Affiliation of Christian Geologists.** 2010. "Statement on the Physical Age of the Earth and Universe by the Affiliation of Christian Geologists." *ACG* posting (online text at *www.wheaton.edu* accessed 1/7/2011).
- Affolter, Markus, & Kurt Wüthrich.** 2014. "Walter Jakob Gehring: A master of developmental biology." *Proceedings of the National Academy of Sciences* **111** (2 September): 12574-12575.
- Afraz, Arash.** 2015. "Head to toe, in the head." *Proceedings of the National Academy of Sciences* **112** (8 December): 15004-15005.
- Afsaruddin, Asma.** 2013. "Egypt and the Problem of Religion." *Religion Dispatches* 10 September posting (online text at *religiondispatches.org* accessed 10/1/2011).
- . 2015. "How Do We Talk About Islam After *Charlie Hebdo*?" *Religion Dispatches* 9 January posting (online text at *religiondispatches.org* accessed 1/9/2015).
- Agam, Yigal, Matti S. Hämäläinen, Adrian K. C. Lee, Kara A. Dyckman, Jesse S. Friedman, Marlisa Isom, Nikos Makris, & Dara S. Manoach.** 2011. "Multimodal neuroimaging dissociates hemodynamic and electrophysiological correlates of error processing." *Proceedings of the National Academy of Sciences* **108** (18 October): 17556-17561.
- Agaronyan, Karen, Yaroslav I. Morozov, Michael Anikin, & Dmitry Temiakov.** 2015. "Replication transcription switch in human mitochondria." *Science* **347** (30 January): 548-551.
- Agarwal, Ashish, David Koppstein, Joel Rozowsky, Andrea Shoner, Lukas Habegger, LeDeana W. Hillier, Rajkumar Sasidharan, Valerie Reinke, Robert H. Waterston, & Mark Gerstein.** 2010. "Comparison and calibration of transcriptome data from RNA-Seq and tiling arrays." *BMC Genomics* (online @ *biomedcentral.com*) **11** (17 June): 383.
- Agarwal, Seema, & Michael J. Behe.** 1996. "Non-conservative Mutations are Well Tolerated in

- the Globular Region of Yeast Histone H4.” *Journal of Molecular Biology* **255** (26 January): 401-411.
- Agata, Kiyokazu, Elizabeth Nakajima, Noriko Funayama, Norito Shibata, Yumi Saito, & Yoshihiko Umesono.** 2006. “Two different evolutionary origins of stem cell systems and their molecular basis.” *Trends in Immunology* **17** (August): 503-509.
- Agate, R. J., B. B. Scott, B. Haripal, C. Lois, & F. Nottebohm.** 2009. “Transgenic songbirds offer an opportunity to develop a genetic model for vocal learning.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17963-17967.
- Agee, Carl B., Nicole V. Wilson, Francis M. McCubbin, Karen Ziegler, Victor J. Polyak, Zachary D. Sharp, Yemane Asmerom, Morgan H. Nunn, Robina Shaheen, Mark H. Thiemens, Andrew Steele, Marilyn L. Fogel, Roxane Bowden, Mihaela Glamoclija, Zhisheng Zhang, & Stephen M. Elardo.** 2013. “Unique Meteorite from Early Amazonian Mars: Water-Rich Basaltic Breccia Northwest Africa 7034.” *Science* **339** (15 February): 780-785.
- Aggarwal, Bharat B., Subash C. Gupta, & Ji Hye Kim.** 2012. “Historical perspectives on tumor necrosis factor and its superfamily: 25 years later, a golden journey.” *Blood* **119** (19 January): 651-665.
- Aghapour, Andrew.** 2011. “How To: Write a Science-Explains-Religion Op-Ed.” *Religion Dispatches* 20 July posting (online text at religiondispatches.org accessed 7/22/2011).
- . 2012a. “Does Analytic Thinking Erode Religious Belief?” *Religion Dispatches* 29 May posting (online text at religiondispatches.org accessed 6/1/2012).
- . 2012b. “Will Religion Solve the Obesity Crisis?” *Religion Dispatches* 11 June posting (online text at religiondispatches.org accessed 6/16/2012).
- . 2012c. “Is the Internet the End of Religion?” *Religion Dispatches* 15 June posting (online text at religiondispatches.org accessed 6/17/2012).
- . 2012d. “Are there Atheists in Foxholes?” *Religion Dispatches* 12 July posting (online text at religiondispatches.org accessed 7/14/2012).
- . 2013. “It’s All In Your Head: Patricia Churchland’s *Touching a Nerve*.” *Religion Dispatches* 14 August posting (online text at religiondispatches.org accessed 8/18/2013).
- . 2015a. “Are Evangelicals Really That ‘Science Friendly?’” *Religion Dispatches* 19 March posting (online text at religiondispatches.org accessed 3/20/2015).
- . 2015b. “The Invention Of A Corporate Christian America.” *Religion Dispatches* 20 April posting (online text at religiondispatches.org accessed 4/21/2015).
- . 2015c. “Fighting Fire With Ire: 3 Lessons From Noam Chomsky’s Takedown Of Sa, Harris.” *Religion Dispatches* 12 May posting (online text at religiondispatches.org accessed 5/13/2015).
- . 2015d. “Where Polls And Surveys Fall Short: A Conversation With Robert Wuthnow On ‘Inventing American Religion’” *Religion Dispatches* 30 September posting (online text at religiondispatches.org accessed 10/5/2015).
- . 2015e. “Has Science Proven That Deepak Chopra Is Bullshit?” *Religion Dispatches* 11 December posting (online text at religiondispatches.org accessed 12/14/2015).
- Aghapour, Andrew, & Michael Schulson.** 2015a. “No, Climate Change Deniers Aren’t Modern Day Galileos.” *Religion Dispatches* 30 April posting (online text at religiondispatches.org accessed 5/1/2015).
- . 2015b. “What Republicans Mean When They Compare Climate Change To Religion.” *Religion Dispatches* 30 April posting (online text at religiondispatches.org accessed 5/1/2015).
- . 2015c. “‘As Orthodox As They Come’: A Backstage Conversation With Rob Bell.” *Religion Dispatches* 14 August posting (online text at religiondispatches.org accessed 8/27/2015).
- . 2015d. “Why Scientists Should Be Agnostic: Or, Why Lawrence Krauss Is Still A Windbag.” *Religion Dispatches* 15 September posting (online text at religiondispatches.org accessed 9/22/2015).
- . 2015e. “The Problem With Pew’s Science & Religion Poll.” *Religion Dispatches* 5 November posting (online text at religiondispatches.org accessed 11/6/2015).

- Agirre, Eneritz, Nicolás Bellora, Mariano Alló, Amadis Pagès, Paola Bertucci, Alberto R. Kornblihtt, & Eduardo Eyras.** 2015. "A chromatin code for alternative splicing involving a putative association with CTCF and HP1 α ." *BMC Biology* (online @ biomedcentral.com) **13** (2 May): 31.
- Agirre, Jon, Gideon Davies, Keith Wilson, & Kevin Cowtan.** 2015. "Carbohydrate anomalies in the PDB." *Nature Chemical Biology* **11** (May): 303.
- Agirrezabala, Xabier, Ekaterina Samatova, Mariia Klimova, Miguel Zamora, David Gil-Carton, Marina V. Rodnina, & Mikel Valle.** 2017. "Ribosome rearrangements at the onset of translational bypassing." *Science Advances* **3** (7 June): e1700147 (online at sciencemag.org).
- Agnarsson, Ingi.** 2012. "A new phylogeny of *Anclosimus* and the placement and behavior of *Anclosimus vicrae* n. sp. from Uruguay (Araneae: Theridiidae)." *The Journal of Arachnology* **40** (1): 78-84.
- Agnarsson, Ingi, Leticia Avilés, Jonathan A. Coddington, & Wayne P. Maddison.** 2006. "Sociality in Theridiid Spiders: Repeated Origins of an Evolutionary Dead End." *Evolution* **60** (November): 2342-2351.
- Agnarsson, I., L. Avilés, & W. P. Maddison.** 2013. "Loss of genetic variability in social spiders: genetic and phylogenetic consequences of population subdivision and inbreeding." *Journal of Evolutionary Biology* **26** (January): 27-37.
- Agnarsson, Ingi, Matjaž Kuntner, & Laura J. May-Collado.** 2010. "Dogs, cats, and kind: A molecular species-level phylogeny of Carnivora." *Molecular Phylogenetics and Evolution* **54** (March): 726-745.
- Agnarsson, Ingi, Carlos M. Zambrana-Torrel, Nadia Paola Flores-Saldana, & Laura J. May-Collado.** 2011. "A time-calibrated species-level phylogeny of bats (Chiroptera, Mammalia)." *PLoS Currents Tree of Life* (online @ currents.plos.org) **1** (4 February): RRN1212.
- Agnesi, V., C. Di Patti, & B. Truden.** 2007. "Giants and elephants of Sicily." *Geological Society, London, Special Publications* **286**: 263-270.
- Agnew, Neville, & Martha Demas.** 1998. "Preserving the Laetoli Footprints." *Scientific American* **279** (September): 44-55.
- Agnihotri, Rajesh, Koushik Dutta, & Willie Soon.** 2011. "Temporal derivative of Total Solar Irradiance and anomalous Indian summer monsoon: An empirical evidence for a Sun-climate connection." *Journal of Atmospheric and Solar-Terrestrial Physics* **73** (August): 1980-1987.
- Agnolin, Federico L., & Fernando E. Novas.** 2013. *Avian ancestors: A review of the phylogenetic relationships of the theropods Unenlagiidae, Microraptiria, Anchiornis and Scansoriopterygidae*. SpringerBriefs in Earth System Sciences. New York: Springer.
- Agnor, Craig B., Robin M. Camp, & Harold F. Levison.** 1999. "On the Character and Consequences of Large Impacts in the Late Stage of Terrestrial Planet Formation." *Icarus* **142** (November): 219-237.
- Agogino, George A., & Bobbie Ferguson.** 1982. "The Mitchell-Hedges Crystal Skulls: An Archaeological Viewpoint." *Anthropological Journal of Canada* **20** (2): 2-4.
- Agoulnik, Alexander I., ed.** 2007. *Relaxin and Related Peptides*. Austin, TX: Landes Bioscience.
- Agrawal, Alka, Quinn M. Eastman, & David G. Schatz.** 1998. "Transposition mediated by RAG1 and RAG2 and its implications for the evolution of the immune system." *Nature* **394** (20 August): 744-751.
- Agrawal, Anil F.** 2015. "Infection elevates diversity." *Nature* **525** (24 September): 464-465.
- Agrawal, Anurag A.** 2001. "Phenotypic Plasticity in the Interactions and Evolution of Species." *Science* **294** (12 October): 321-326.
- Agren, Jon, Frida Hellström, Per Toräng, & Johan Ehrlén.** 2013. "Mutualists and antagonists drive among-population variation in selection and evolution of floral display in a perennial herb." *Proceedings of the National Academy of Sciences* **110** (5 November): 18202-18207.
- Agren, Thomas, Jonas Engman, Andreas Frick, Johannes Björkstrand, Elna-Marie Larsson,**

- Tomas Furmark, & Mats Fredrikson.** 2012. “Disruption of Reconsolidation Erases a Fear Memory Trace in the Human Amygdala.” *Science* **337** (21 September): 1550-1552.
- Agresti, James.** 2011. “The ‘anti-science’ accusation.” *Just Facts Daily* 4 November posting (online text at www.justfactsdaily.com accessed 6/22/2017).
- . 2012. “Will global warming flood the coasts of the United States?” *Just Facts Daily* 18 July posting (online text at www.justfactsdaily.com accessed 6/22/2017).
- . 2017. “Global Warming.” *Just Facts Daily* 4 November posting (online text at www.justfactsdaily.com accessed 6/22/2017).
- Agrinier, Pierre, Yves Gallet, & Eric Lewin.** 1999. “On the age calibration of the geomagnetic polarity timescale.” *Geophysical Journal International* (AKA *Geophysics Journal of the Royal Astronomical Society*) **137** (April): 81-90.
- Agris, Paul F.** 2004. “Decoding the genome: a modified view.” *Nucleic Acids Research* **32** (15 January): 223-238.
- AGU.** 2016. “The Scientific Theories of Biological Evolution and History of the Earth Should be Central Elements of Science Education.” *American Geophysical Union* September posting (online pdf at www.agu.org accessed 11/5/2016).
- Aguado, Lauren C., Sonja Schmid, Jared May, Leah R. Sabin, Maryline Panis, Daniel Blanco-Melo, Jaehae V. Shim, David Sachs, Sara Cherry, Anne E. Simon, Jean-Pierre Levraud, & Benjamin R. tenOever.** 2017. “RNase III nucleases from diverse kingdoms serve as antiviral effectors.” *Nature* **547** (6 July): 114-117.
- Agudo, Marta, Ana Losada, José P. Abad, Sergio Pimpinelli, Pedro Ripoll, & Alfredo Villasante.** 1999. “Centromeres from telomeres? The centromeric region of the Y chromosome of *Drosophila melanogaster* contains a tandem array of telomeric HeT-A- and TART-related sequences.” *Nucleic Acids Research* **27** (15 August): 3318-3324.
- Aguilera, Mario.** 2014. “The Story of a Bizarre Deep-Sea Bone Worm Takes an Unexpected Twist.” *University of California* (San Diego) News Center 1 December posting (online text at ucsdnews.ucsd.edu accessed 7/8/2015).
- Aguillard, Donald.** 1999. “Evolution Education in Louisiana Public Schools: A Decade Following *Edwards v. Aguillard*.” *The American Biology Teacher* **61** (March): 182-188.
- Aguirre, Julio, Francisco Perfectti, & Juan C. Braga.** 2010. “Integrating phylogeny, molecular clocks, and the fossil record in the evolution of coralline algae (Corallinales and Sporolithales, Rhodophyta).” *Paleobiology* **36** (November): 519-533.
- Agulhon, Cendra, Todd A. Fiacco, & Len D. McCarthy.** 2010. “Hippocampal Short- and Long-Term Plasticity Are Not Modulated by Astrocyte Ca²⁺ Signaling.” *Science* **327** (5 March): 1250-1254.
- Aharoni, Amir, Leonid Gaidukov, Olga Khersonsky, Stephen McQ Gould, Cintia Roodveldt, & Dan S. Tawfik.** 2005. “The ‘evolvability’ of promiscuous protein functions.” *Nature Genetics* **37** (January): 73-76.
- Aharoni, Eyal, Gina M. Vincent, Carla L. Harenski, Vince D. Calhoun, Walter Sinnott-Armstrong, Michael S. Gazzaniga, & Kent A. Kiehl.** 2013. “Neuroprediction of future rearrest.” *Proceedings of the National Academy of Sciences* **110** (9 April): 6223-6228.
- Aharonov, Yakir, Eliahu Cohen, Fabrizio Colombo, Tomer Landsberger, Irene Sabadini, Daniele C. Struppa, & Jeff Tollaksen.** 2017. “Finally making sense of the double-slit experiment.” *Proceedings of the National Academy of Sciences* **114** (20 June): 6480-6485.
- Aharonov, Yakir, Fabrizio Colombo, Sandu Popescu, Irene Sabadini, Daniele C. Struppa, & Jeff Tollaksen.** 2016. “Quantum violation of the pigeonhole principle and the nature of quantum correlations.” *Proceedings of the National Academy of Sciences* **113** (19 January): 532-535.
- Ahissar, Ehud, Srikantan Nagarajan, Merav Ahissar, Athanassios Protopapas, Henry Mahncke, & Michael M. Merzenich.** 2001. “Speech comprehension is correlated with temporal response patterns recorded from auditory cortex.” *Proceedings of the National Academy of Sciences* **98** (6 November): 13367-13372.
- Ahlberg, Per Erik.** 1995. “*Elginerpeton pancheni* and the earliest tetrapod clade.” *Nature* **373** (2 February): 420-425.

- . 1999. “Something fishy in the family tree.” *Nature* **397** (18 February): 564-565.
- , ed. 2001. *Major Events in Early Vertebrate Evolution: Palaeontology, Phylogeny, Genetics and Development*. London: Taylor & Francis.
- . 2004. “Comment on ‘The Early Evolution of the Tetrapod Humerus.’” *Science* **305** (17 September): 1715.
- . 2009. “Birth of the jawed vertebrates.” *Nature* **457** (26 February): 1094-1095.
- Ahlberg, Per, Niklas Axheimer, & Richard A. Robison.** 2007. “Taxonomy of *Ptychagnostus atavus*: A key trilobite in defending a global Cambrian stage boundary.” *Geobios* **40** (November-December): 709-714.
- Ahlberg, Per Erik, & Jennifer A. Clack.** 2006. “A firm step from water to land.” *Nature* **440** (6 April): 747-749.
- Ahlberg, Per E., Jennifer A. Clack, & Ervins Lukševics.** 1996. “Rapid braincase evolution between *Panderichthys* and the earliest tetrapods.” *Nature* **381** (2 May): 61-64.
- Ahlberg, Per E., Jennifer A. Clack, Ervins Lukševičs, Henning Blom, & Ivars Zupinš.** 2008. “*Ventastega curonica* and the origin of tetrapod morphology.” *Nature* **453** (26 June): 1199-1204.
- Ahlberg, Per Erik, Ervins Lukševičs, & Elga Mark-Kurik.** 2000. “A Near-Tetrapod from the Baltic Middle Devonian.” *Palaeontology* **43** (September): 533-548.
- Ahlberg, Per, Kate Trinajstić, Zerina Johanson, & John Long.** 2009. “Pelvic claspers confirm chondrichthyan-like internal fertilization in arthrodires.” *Nature* **460** (13 August): 888-889.
- Ahlquist, Jessica.** 2012. “Teen relates hate she endured for contesting school prayer.” *Freethought Today* **29** (December): 11-12.
- Ahlquist, Paul.** 2002. “RNA-Dependent RNA Polymerases, Viruses, and RNA Silencing.” *Science* **296** (17 May): 1270-1273.
- Ahmad, Mirza Tahir.** 1998. *Revelation, Rationality, Knowledge and Truth*. Tilford, UK: Islam International Publications.
- Ahmad, Sajjad, Irshad Ahmad, & M. Irfan Khan.** 2005. “Structure and Stratigraphy of the Paleozoic and Mesozoic Sequence in the Vicinity of Zaluch Nala, Western Salt Range, Punjab Pakistan.” *Pakistan Journal of Hydrocarbon Research* **15** (June): 1-8.
- Ahmadinejad, Nahal, Tal Dagan, Nicole Gruenheit, William Martin, & Toni Gabaldón.** 2010. “Evolution of spliceosome introns following endosymbiotic gene transfer.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (23 February): 57.
- Ahmari, Susanne E., Timothy Spellman, Neria L. Douglass, Mazen A. Kheirbek, H. Blair Simpson, Karl Deisseroth, Joshua A. Gordon, & René Hen.** 2013. “Repeated Cortico-Striatal Stimulation Generates Persistent OCD-Like Behavior.” *Science* **340** (7 June): 1234-1239.
- Ahmed, Saeed.** 2015. “Ananta Bijoy Das: Yet another Bangladeshi blogger hacked to death.” *CNN* posting 12 May (online text at edition.cnn.com accessed 5/12/2015).
- Ahn, Soo-Yeun, Loren E. Babcock, Margaret N. Rees, & J. Stewart Hollingsworth.** 2008. “Body and Trace Fossils from the Deep Spring Formation (Ediacaran), Western Nevada.” *Geological Society of America* meeting (5 October) online abstract accessed 2/20/2014 (gsa.confex.com/gsa/).
- Ahn, Woo-Young, Kenneth T. Kishida, Xiaosi Gu, Terry Lohrenz, Ann Harvey, John R. Alford, Kevin B. Smith, Gideon Yaffe, John R. Hibbing, Peter Dayan, & P. Read Montague.** 2014. “Nonpolitical Images Evoke Neural Predictors of Political Ideology.” *Current Biology* **24** (17 November): 2693-2699.
- Ahnert, Sebastian E., Joseph A. Marsh, Helena Hernández, Carol V. Robinson, & Sarah A. Teichmann.** 2015. “Principles of assembly reveal a periodic table of protein complexes.” *Science* **350** (11 December): aaa2245 (online at sciencemag.org).
- Aho, Barbara.** 1999. “Lambert Dolphin & The Great Sphinx.” *Watch Pair* posting (online text at watch.pair.com accessed 6/27/2010).
- Ahouse, Jeremy C., & Robert C. Berwick.** 1998a. “Darwin on the Mind.” *Boston Review* **21** (April/May): online text accessed 2/15/2002 (bostonreview.net).

- . 1998b. “Berwick & Ahouse Respond.” *Boston Review* **22** (Summer): online text accessed 2/15/2002 (bostonreview.net).
- AIDS.ORG.** 2007. “AIDS Origin Theory: Polio Vaccine?” *AIDS.ORG* posting (online text at www.aids.org accessed 12/20/2007).
- Aiello, Leslie C.** 1994. “Thumbs Up for Our Early Ancestors.” *Science* **265** (9 September): 1540-1541.
- AiGbusted.** 2008. “The Dishonesty of John Woodmorappe.” *Answers in Genesis BUSTED!* 27 January posting (online text at aigbusted.blogspot.com accessed 4/17/2016).
- Aigler, Sharon R., David Jandzik, Kohei Hatta, Kentaro Uesugi, & David W. Stock.** 2014. “Selection and constraint underlie irreversibility of tooth loss in cypriniform fishes.” *Proceedings of the National Academy of Sciences* **111** (27 May): 7707-7712.
- Aime, M. Catherine, P. Brandon Matheny, Daniel A. Henk, Elizabeth M. Frieders, R. Henrik Nilsson, Meike Piepenbring, David J. McLaughlin, Les J. Szabo, Dominik Begerow, José Paulo Sampaio, Robert Bauer, Michael Weiß, Franz Oberwinkler, & David Hibbett.** 2006. “An overview of the higher level classification of Pucciniomycotina based on combined analyses of nuclear large and small subunit rDNA sequences.” *Mycologia* **98** (November/December): 896-905.
- Ainslie, George.** 2009. “Non-instrumental belief is largely founded on singularity.” *Behavioral and Brain Sciences* **32** (6): 511-512.
- Ainslie, George, & John Monterosso.** 2004. “A Marketplace in the Brain?” *Science* **306** (15 October): 421-423.
- Ainsworth, Claire.** 2015. “Sex redefined.” *Nature* **518** (19 February): 288-291.
- AIP.** 2007. “Analysis of ‘A-PEL 2005 Academic Freedom Survey, August 2005’.” *Louisiana Coalition for Science* January posting of American Institute of Physics analysis (online pdf at lasciencecoalition.org accessed 5/16/2013).
- Air Force Times.** 2013. “2013 newsmakers: Where are they now?” *Air Force Times* 30 December posting (online text at www.arforcetimes.com accessed 2/18/2014).
- Aird, W. C.** 2003. “Hemostasis and irreducible complexity.” *Journal of Thrombosis and Haemostasis* **1** (February): 227-230.
- Airey, David C., & Richard C. Shelton.** 2006. “Praise for a critical perspective.” *Behavioral and Brain Sciences* **29** (August): 405-406.
- Airoldi, Chiara A., Sara Bergonzi, & Brendan Davies.** 2010. “Single amino acid change alters the ability to specify male or female organ identity.” *Proceedings of the National Academy of Sciences* **107** (2 November): 18898-18902.
- Airriess, Lynda.** 2003. “Alexander The Great: Who Did He Say He Was?” *Gateway* article posting (online text at grad.usask.ca/gateway/ accessed 9/22/2014).
- Aitchison, Jonathan C., & Jason R. Ali.** 2012. “India-Asia collision timing.” *Proceedings of the National Academy of Sciences* **109** (2 October): E2645.
- AITSE.** 2011. “Evolution? The Sickle Cell Enigma.” *American Institute for Technology and Science Newsletter* (December) posting (online text at archive.constantcontact.com accessed 8/2/2014).
- Aizenberg, Joanna, James C. Weaver, Monica S. Thanawale, Vikram C. Sundar, Daniel E. Morse, & Peter Fratzl.** 2005. “Skeleton of *Euplectella* sp.: Structural Hierarchy from the Nanoscale to the Macroscale.” *Science* **309** (8 July): 275-278.
- Aizenman, Elias, & Michael C. Sanguinetti.** 2002. “Channels Gone Bad: Reflections from a Tapas Bar.” *Neuron* **34** (30 May): 679-683.
- Aizer, Anna, & Janet Currie.** 2014. “The intergenerational transmission of inequality: Maternal disadvantage and health at birth.” *Science* **344** (23 May): 856-861.
- Ajie, Beverly C., Suzanne Estes, Michael Lynch, & Patrick C. Phillips.** 2005. “Behavioral Degradations Under Mutation Accumulation in *Caenorhabditis elegans*.” *Genetica* **170** (June): 655-660.
- Akahane, Hisatada, Takeshi Furuno, Hiroshi Miyajima, Toshiyuki Yoshikawa, & Shigeru Yamamoto.** 2004. “Rapid wood silicification in hot spring water: an explanation of wood during the Earth’s history.” *Sedimentary Geology* **169** (15 July): 219-228.

- Akali, Christopher K., & David W. Pfennig.** 2014. "Rapid evolution of mimicry following local model extinction." *Royal Society Biology Letters* **10** (June): 20140304.
- Akam, Michael.** 2000. "Arthropods: Developmental diversity within a (super) phylum." *Proceedings of the National Academy of Sciences* **97** (25 April): 4438-4441.
- Akanuma, Satoshi, Takanori Kigawa, & Shigeyuki Yokoyama.** 2002. "Combinatorial mutagenesis to restrict amino acid usage in an enzyme to a reduced set." *Proceedings of the National Academy of Sciences* **99** (15 October): 13549-13553.
- Akanuma, Satoshi, Taku Matsuba, Emi Ueno, Naoki Umeda, & Akihiko Yamagishi.** 2010. "Mimicking the Evolution of a Thermally Stable Monomeric Four-helix Bundle by Fusion of Four Identical Single-helix Peptides." *Journal of Biochemistry* **147** (March): 371-379.
- Akanuma, Satoshi, Yoshiki Nakajima, Shin-ichi Yokobori, Mitsuo Kimura, Naoki Nemoto, Tomoko Mase, Ken-ichi Miyazono, Masaru Tanokura, & Akihiko Yamagishi.** 2013. "Experimental evidence for the thermophilicity of ancestral life." *Proceedings of the National Academy of Sciences* **110** (2 July): 11067-11072.
- Akanyeti, O., P. J. M. Thornycroft, G. V. Lauder, Y. R. Yanagitsuru, A. N. Peterson, & J. C. Liao.** 2016. "Fish optimize sensing and respiration during undulatory swimming." *Nature Communications* (online @ nature.com) **7** (24 March): 11044.
- Akasofu, Syun-Ichi.** 2013. "On the Present Halting of Global Warming." *Climate* (online @ www.mdpi.com) **1** (3 May): 4-11.
- Akçay, Erol, Jeremy Van Cleve, Marcus W. Feldman, & Joan Roughgarden.** 2009. "A theory for the evolution of other-regard integrating proximate and ultimate perspectives." *Proceedings of the National Academy of Sciences* **106** (10 November): 19061-19066.
- Akella, Jyothi S., Dorota Wloga, Jihyun Kim, Natalia G. Starostina, Sally Lyons-Abbott, Naomi S. Morrissette, Scott T. Dougan, Edward T. Kipreos, & Jacek Gaertig.** 2010. "MEC-17 is an α -tubulin acetyltransferase." *Nature* **467** (9 September): 218-222.
- Åkerborg, Örjan, Bengt Sennblad, Lars Arvestad, & Jens Lagergren.** 2009. "Simultaneous Bayesian gene tree reconstruction and reconciliation analysis." *Proceedings of the National Academy of Sciences* **106** (7 April): 5714-5719.
- Akers, Katherine G., Alonso Martinez-Canabal, Leonardo Restivo, Adelaide P. Yiu, Antonietta De Cristofaro, Hwa-Lin (Liz) Hsiang, Anne L. Wheeler, Axel Guskjolen, Yosuke Niibori, Hirotaka Shoji, Koji Ohira, Blake A. Richards, Tsuyoshi Miyakawa, Sheena A. Josselyn, & Paul W. Frankland.** 2014. "Hippocampal Neurogenesis Regulates Forgetting During Adulthood and Infancy." *Science* **344** (9 May): 598-602.
- Akeson, Rachel.** 2011. "Watery Disks." *Science* **334** (21 October): 316-317.
- Akey, David L., W. Clay Brown, Somnath Dutta, Jamie Konwerski, Joyce Jose, Thomas J. Jurkiw, James DelProposto, Craig M. Ogata, Georgios Skiniotis, Richard J. Kuhn, & Janet L. Smith.** 2014. "Flavivirus NS1 Structures Reveal Surfaces for Associations with Membranes and the Immune System." *Science* **343** (21 February): 881-885.
- Akey, Joshua M.** 2009. "Constructing genomic maps of positive selection in humans: Where do we go from here?" *Genome Research* **19** (May): 711-722.
- Akey, Joshua M., Alison L. Ruhe, Dayna T. Akey, Aaron K. Wong, Caitlin F. Connelly, Jennifer Madeoy, Thomas J. Nicholas, & Mark W. Neff.** 2010. "Tracking footprints of artificial selection in the dog genome." *Proceedings of the National Academy of Sciences* **107** (19 January): 1160-1165.
- Akhtar, Muhammad.** 1997. "Stratigraphy and Sedimentology of the Early Tertiary Rocks of the Kala Chitta Range, Northern Pakistan." Pakistan Research Repository (online thesis at eprints.hec.gov.pk/1700/1/1640.htm accessed 3/13/2010).
- Akil, Huda, Sydney Brenner, Eric Kandel, Kenneth S. Kendler, Mary-Claire King, Edward Scolnick, James D. Watson, & Huda Y. Zoghbi.** 2010. "The Future of Psychiatric Research: Genomes and Neural Circuits." *Science* **327** (26 March): 1580-1581.
- Akin, Daniel L.** 1994. "Creation." *Daniel Akin* undated posting (online pdf at www.danielakin.com accessed 4/13/2014).
- Akin, Daniel L., Jason K. Allen, Joseph Ammirati, Rick Brewer, Paul E. Brown, Michael H. Bryant, Tim Campbell, Patrick S. J. Carmack, Francesco C. Cesareo, Erick Chittle,**

- Kevin Cieply, Trina Coley, Derry Connolly, Barry Creamer, Greg Deja, David S. Dockery, Daniel J. Egeler, William Fahey, Michael Farris, Donald Favero, Todd R. Flanders, Robert Franseen, Mary Sarah Galbraith, Brian Gottschall, Joe Haas, Mark David Hall, George A. Harne, Alan J. Hodak, John B. Huber, Jeff Iorg, Robert Ivany, Richard Jusseaume, Timothy F. Kotyuk, Tim LeJeune, Steve Lemke, Therese M. Maciag, Luke A. Macik, D. Gregory Main, Rita A. McCormick, Michael McLean, James McNearny, Huey Mills, Steohen D. Minnis, C. Ben Mitchell, R. Albert Mohler Jr., Russell Moore, Len Munsil, James Morehead, Marianne Evans Mount, Catherine Neumayr, Jim Oesterwind, Samuel W. ‘Dub’ Oliver, Paige Patterson, Nora Peralta, Tony Perkins, Steve Pettit, Michael T. Phillips, Kyle M. Pietrantonio, Everett Piper, Daniel Ray, Greg Reichert, Patrick H. Reilly, Mary Rowles, Michael D. Sproul, Stuart W. Swetland, Larry Taylor, Matthew Ticzkus, James Towey, Andy Tylicki, Michael H. Van Hecke, Thomas White, Jeith Wiebe, Douglas B. Wright, & Dan Zacharias. 2015. 3 June letter to Mitch McConnell and John Boehner. *Family Research Council* posting (online pdf via frc.org accessed 6/3/2015).
- Akin, Daniel L., Darrell L. Bock, D. A. Carson, C. Stephen Evans, Wayne Grudem, James M. Hamilton, H. Wayne House, Peter A. Lillback, R. Albert Mohler Jr., & Michael Thigpen.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).
- Akin, Jimmy.** 2013a. “9 things you need to know about ‘Maria Divine Mercy’.” *National Catholic Register* 3 March posting (online text at www.ncregister.com accessed 9/30/2013).
- . 2013b. “Did Dinosaurs Die Before the Fall?” *National Catholic Register* 9 May posting (online text at www.ncregister.com accessed 9/30/2013).
- Akin, John Warren.** 2009. “Inherited Realities: Eugenics, Oliver Wendell Holmes, Jr., and *Buck v. Bell*.” Georgia Institute of Technology *The Tower* 1 (Spring): 1-7.
- Akins, Hugh.** 2009. “Hoffman on ‘Holocaustianity’.” *Catholic Action Resource Center* posting (online text at www.catholicactionresourcecenter.com accessed 6/23/2011).
- Akiyama, Benjamin M., & Michael D. Stone.** 2013. “A solution to the telomerase puzzle.” *Nature* 496 (11 April): 177-178.
- Akiyama-Oda, Yasuko, & Hiroki Oda.** 2006. “Axis specification in the spider embryo: *dpp* is required for radial-to-axial symmetry transformation and *sog* for ventral patterning.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) 133 (15 June): 237-257.
- Akre, Karin L., Hamilton E. Farris, Amanda M. Lea, Rachel A. Page, & Michael J. Ryan.** 2011. “Signal Perception in Frogs and Bats and the Evolution of Mating Signals.” *Science* 333 (5 August): 751-752.
- Akridge, A. Jerry, Chris Bennett, Carl R. Froede Jr., Peter Klevberg, Mats Molér, John K. Reed, David Tyler, & Tasman Walker.** 2007. “Creationism and Catastrophic Plate Tectonics.” Creation Research Society *Creation Matters* (May/June): 1, 6-8.
- Akridge, Russell.** 1980. “No. 82—The Sun is Shrinking.” Institute for Creation Research *Impact* (April): i-iv.
- . 1982. “No. 113—Radiometric Dating Using Isochrons.” Institute for Creation Research *Impact* (November): i-vi.
- Akron Fossils & Science Center.** 2013. “About Us.” *Akron Fossils & Science Center* posting (online text at www.akronfossils.com accessed 9/30/2013).
- Aksenova, Anna Y., Patricia W. Greenwell, Margaret Dominska, Alexander A. Shishkin, Jane C. Kim, Thomas D. Petes, & Sergei M. Mirkin.** 2013. “Genome rearrangements caused by interstitial telomeric sequences in yeast.” *Proceedings of the National Academy of Sciences* 110 (3 December): 19866-19871.
- Akst, Jef.** 2010. “Top retractions of 2010.” *The Scientist* posting 16 December (online text at the-scientist.com accessed 12/17/2010).
- . 2011a. “Top 7 papers in multicellularity.” *The Scientist* posting 5 January (online text at the-scientist.com accessed 1/5/2011).
- . 2011b. “Two-faced proteins?” *The Scientist* posting 11 January (online text at the-scientist.com accessed 1/11/2011).

- . 2011c. “Retraction vindicated?” *The Scientist* posting 28 March (online text at *the-scientist.com* accessed 4/2/2011).
- . 2011d. “Oldest Known Wood.” *The Scientist* posting 12 August (online text at *the-scientist.com* accessed 3/19/2016).
- . 2011e. “Climate Change Not Exaggerated.” *The Scientist* posting 21 October (online text at *the-scientist.com* accessed 10/21/2011).
- . 2012a. “Animal Mind Control.” *The Scientist* posting 1 January (online text at *the-scientist.com* accessed 1/7/2012).
- . 2012b. “Evolving Multicellularity.” *The Scientist* posting 16 January (online text at *the-scientist.com* accessed 1/23/2012).
- . 2013a. “Review: *The Origin of Species*.” *The Scientist* posting 22 November (online text at *the-scientist.com* accessed 12/5/2013).
- . 2013b. “Evolving Pain Resistance.” *The Scientist* posting 24 October (online text at *the-scientist.com* accessed 12/25/2013).
- . 2014a. “RNA World 2.0.” *The Scientist* posting 1 March (online text at *the-scientist.com* accessed 3/7/2014).
- . 2014b. “Matthew Powner: Origin Solver.” *The Scientist* posting 1 March (online text at *the-scientist.com* accessed 3/11/2014).
- . 2014c. “The Love Bug.” *The Scientist* posting 1 July (online text at *the-scientist.com* accessed 7/29/2014).
- . 2014d. “The Genetics of Friendship.” *The Scientist* posting 16 July (online text at *the-scientist.com* accessed 7/16/2014).
- . 2014e. “Predator Demoted.” *The Scientist* posting 1 October (online text at *the-scientist.com* accessed 10/29/2014).
- . 2014f. “Fact or Artifact?” *The Scientist* posting 29 October (online text at *the-scientist.com* accessed 11/3/2014).
- . 2015a. “On the Origins of Life.” *The Scientist* posting 17 March (online text at *the-scientist.com* accessed 3/18/2015).
- . 2015b. “Falling Out of the Family Tree.” *The Scientist* posting 1 March (online text at *the-scientist.com* accessed 3/24/2015).
- Aktaş, Tuğçe, İbrahim Avşar İhk, Daniel Maticzka, Vivek Bhardwaj, Cecilia Pessoa Rodrigues, Gerhard Mittler, Thomas Manke, Rolf Backofen, & Asifa Akhtar.** 2017. “DHX9 suppresses RNA processing defects originating from the *Alu* invasion of the human genome.” *Nature* **544** (6 April): 115-119.
- Akyol, Mustafa.** 2004. “Why Muslims Should Support Intelligent Design.” *On Islam* 14 September *Shari’ah* posting (online text at *www.onislam.net* accessed 1/31/2014).
- . 2005. “Under God or Under Darwin? Intelligent Design could be a bridge between civilizations.” *National Review* (2 December): online text accessed 1/31/2014 (*old.nationalreview.com*).
- Ala, Ugo, Florian A. Karreth, Carla Bosia, Andrea Pagnani, Riccardo Taulli, Valentine Léopold, Yvonne Tay, Paolo Provero, Riccardo Zecchina, & Pier Paolo Pandolfi.** 2013. “Integrated transcriptional and competitive endogenous RNA networks are cross-regulated in permissive molecular environments.” *Proceedings of the National Academy of Sciences of the United States of America* **110** (30 April): 7154–7159.
- Alabama Disclaimer.** 2016. “BIOLOGY TEXTBOOK INSERT A MESSAG FROM THE ALABAMA STATE BOARD OF EDUCATION.” *Alabama State Board of Education* posting (online text at *www.alsde.edu* accessed 3/18/2016).
- Alabama Tea Party.** 2010. “THE THIRD WAVE OF HOMESCHOOL PERSECUTION (CHRISTIAN PERSECUTION IN AMERICA).” *Alabama Tea Party Express Bamabelle* posting 22 December (online text at *www.alabamateapartyexpress.com* accessed 2/11/2011).
- Alain, Claude, Stephen R. Arnott, Stephanie Hevenor, Simon Graham, & Cheryl L. Grady.** 2001. “‘What’ and ‘where’ in the human auditory system.” *Proceedings of the National Academy of Sciences* **98** (9 October): 12301-12306.
- Alain, Claude, Heather E. McNeely, Yu He, Bruce K. Christensen, & Robert West.** 2002.

- “Neurophysiological Evidence of Error-monitoring Deficits in Patients with Schizophrenia.” *Cerebral Cortex* **12** (August): 840-846.
- Alakonya, Amos, Ravi Kumar, Daniel Koenig, Seisuke Kimura, Brad Townsley, Steven Runo, Helena M. Garces, Julie Kang, Andrea Yanez, Rakefet David-Schwartz, Jesse Machuka, & Neelima Sinha.** 2012. “Interspecific RNA Interference of *SHOOT MERISTEMLESS*-Like Disrupts *Cuscuta pentagona* Plant Parasitism.” *The Plant Cell* **24** (July): 3153-3166.
- Alam, S. L., J. F. Atkins, & R. F. Gesteland.** 1999. “Programmed ribosomal frameshifting: Much ado about knotting!” *Proceedings of the National Academy of Sciences* **96** (7 December): 14177-14179.
- Alami, Raouf, Yuhong Fan, Stephanie Pack, Timothy M. Sonbuchner, Arnaud Besse, Qingcong Lin, John M. Grealley, Arthur I. Skoultschi, & Eric E. Bouhassira.** 2003. “Mammalian linker-histone subtypes differentially affect gene expression *in vivo*.” *Proceedings of the National Academy of Sciences* **100** (13 May): 5920-5925.
- Alan.** 2013. “More fallout from the Supreme Court’s DOMA decision.” *Polyamory in the News* 29 June posting (online text at polyinthemedia.blogspot.com accessed 7/20/2013).
- Al Arabiya.** 2015. “Saudi cleric rejects that Earth revolves around the sun.” *Al Arabiya* 16 February staff posting (online text at English.alarabiya.net accessed 2/16/2015).
- Alargov, Dimitar K., Shigeru Deguchi, Kaoru Tsujii, & Koki Horikoshi.** 2002. “Reaction Behaviors of Glycine under Super- and Subcritical Water Conditions.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (February): 1-12.
- Alaux, Cédric, Saurabh Sinha, Linda Hasadsri, Greg J. Hunt, Ernesto Guzmán-Novoa, Gloria DeGrandi-Hoffman, José Luis Uribe-Rubio, Bruce R. Southey, Sandra Rodriguez-Zas, & Gene E. Robinson.** 2009. “Honey bee aggression supports a link between gene regulation and behavioral evolution.” *Proceedings of the National Academy of Sciences* **106** (8 September): 15400-15405.
- Al-Azm, Sadik J.** 2008. “Galileo’s Pact, Is’am’s Quandary: Can Islam be reconciled with scientific knowledge?” *IP Journal* (online @ ip-journal.dgap.org) **2008** (Spring): 92-96.
- Alba, David M., Sergio Almécija, Isaac Casanova-Vilar, Josep M. Méndez, & Salvador Moyà-Solà.** 2012. “A Partial Skeleton of the Fossil Great Ape *Hispanopithecus laietanus* from Can Feu and the Mosaic Evolution of Crown-Hominoid Positional Behaviors.” *PLoS ONE* (online @ plosone.org) **7** (June): e39617.
- Alba, David M., Sergio Almécija, Daniel DeMiguel, Josep Fortuny, Miriam Pérez de los Ríos, Marta Ríos, Marta Pina, Josep M. Robles, & Salvador Moyà-Solà.** 2015. “Miocene small-bodied ape from Eurasia sheds light on hominoid evolution.” *Science* **350** (30 October): aab2625.
- Albalat, Ricard.** 2012. “Evolution of the Genetic Machinery of the Visual Cycle: A Novelty of the Vertebrate Eye?” *Molecular Biology and Evolution* **29** (May): 1461-1469.
- Albalat, Ricard, & Cristian Cañestro.** 2016. “Evolution by gene loss.” *Nature Reviews Genetics* **17** (July): 379-391.
- Albantakis, Larissa, & Gustavo Deco.** 2009. “The encoding of alternatives in multiple-choice decision making.” *Proceedings of the National Academy of Sciences* **106** (23 June): 10308-10313.
- Albarede, Francis, Chris Ballhaus, Janne Blichert-Toft, Cin-Ty Lee, Bernard Marty, Frédéric Moynier, & Qing-Zhu Yin.** 2013. “Asteroidal impacts and the origin of terrestrial and lunar volatiles.” *Icarus* **222** (January): 44-52.
- Albarède, Francis, Janne Blichert-Toft, Jeffrey D. Vervoort, James D. Gleason, & Minik Rosing.** 2000. “Hf-Nd isotope evidence for a transient dynamic regime in the early terrestrial mantle.” *Nature* **404** (30 March): 488-490.
- Albarède, Francis, Erik E. Scherer, Janne Blichert-Toft, Minik Rosing, Alexandre Simionovici, & Martin Bizzarro.** 2006. “ γ -ray irradiation in the early solar system and the conundrum of the ^{176}Lu decay constant.” *Geochimica et Cosmochimica Acta* **70** (1 March): 1261-1270.
- Albawaba.** 2014. “A life without God in Iraq: This 22-year-old atheist has been called the

- ‘Baghdad converter’.” *Albawaba* 5 February posting (online text at www.albawaba.com accessed 2/17/2014).
- Alberch, Pere.** 1980. “Ontogenesis and Morphological Diversification.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **20** (4): 653-667.
- . 1985. “Problems with the Interpretation of Developmental Sequences.” *Systematic Zoology* **34** (March): 46-58.
- Alberici da Barbiano, Laura, Zachariah Gompert, Andrea S. Aspbury, Caitlin R. Gabor, & Chris C. Nice.** 2013. “Population genomics reveals a possible history of backcrossing and recombination in the gynogenetic fish *Poecilia formosa*.” *Proceedings of the National Academy of Sciences* **110** (20 August): 13797-13802.
- Albers, Gregg R.** 1985. “Breaking the Humanistic Stronghold in the Medical Community.” *Fundamentalist Journal* **4** (January): 40-41.
- Albert, James S., Derek M. Johnson, & Jason H. Knouft.** 2009. “Fossils provide better estimates of ancestral body size than do extant taxa in fishes.” *Acta Zoologica* (Stockholm) **90** (January Supplement 1): 357-384.
- Albert, Leon H.** 1986. “‘Scientific’ Creationism as a Pseudoscience.” *Creation/Evolution* **6** (Summer): 25-34.
- Albert, Richard.** 2006. “Religion in the New Republic.” *Louisiana Law Review* **67** (Fall): 1-54.
- Albert, Victor A., Richard W. Jobson, Todd P. Michael, & Derek J. Taylor.** 2010. “The carnivorous bladderwort (*Utricularia*, Lentibulariaceae): a system inflates.” *Journal of Experimental Botany* **61** (January): 5-10.
- Albertin, Caroline B., Oleg Simakov, Therese Mitros, Z. Yan Wang, Judit R. Pungor, Eric Edsinger-Gonzales, Sydney Brenner, Clifton W. Ragsdale, & Daniel S. Rokhsar.** 2015. “The octopus genome and the evolution of cephalopod neural and morphological novelties.” *Nature* **524** (13 August): 220-224.
- Alberths, Bruce.** 1998. “The Cell as a Collection of Protein Machines: Preparing the Next Generation of Molecular Biologists.” *Cell* **92** (6 February): 291-294.
- . 2005. “A Wakeup Call for Science Faculty.” *Cell* **123** (2 December): 739-741.
- . 2009. “Understanding Human Origins.” *Science* **326** (2 October): 17.
- . 2011. “The New Egypt.” *Science* **332** (29 April): 513.
- Alberths, Bruce, Francis Ayala, James A. Forbes Jr., C. Welton Gaddy, Lawrence Krauss, Eugenie Scott, William G. Sinkford, Peter Agre, Paul Berg, Mike Bishop, Günter Blobel, H. Robert Horvitz, Harold Varmus, Marilyn Austin, Craig Axler, Micah Becker-Klein, Russell L. Bennett, Rena S. Blumenthal, Mychal Copeland, Michael W. Caine, Carl S. Choper, Peter R. Coffin, Howard A. Cohen, Sam Cox, Ed Crabtree, Meryl Crean, F. Mark Dowdy, George B. Driesen, Amy Eilberg, Rachel Esserman, Ted Falcon, Michael Fessler, Steven N. Fineblum, Michelle H. Fisher, Serena Fujita, Mark Glickman, Lina Grazier-Zerbarini, David Greenspoon, Robert J. Hagel Jr., Arden C. Hander, David Hansen, Jodi Cohen Hayashida, Joanne Yocheved Heiligman, Ronald J. Heilner, J. Richard Hershberger, Stan Hoobing, James A. Huff, Patrick O. Hurley, Jennifer A. Jaech, Kirk E. Jeffery, Mykel Johnson, Warren Jones, Bruce Kadden, Shoshana Kaminsky, Sue Kingman, Jason Klein, Jonathan Kligler, Yaacov J. Kravitz, Jonipher Kwong, Alan LaPayover, Mary H. Lee-Clark, Deborah D. Lynch, Nina H. Mandel, Shana Margolin, John R. Meengs, Chuck Mowry, Richard J. Norsworthy, Andrew Pepperstone, S. Clark Powell, Mary Beth Pringle, Seth Daniel Riemer, Barbara Grace Ripple, Rochelle Robins, Brant Rosen, Sandy Roth, Marna Sapsowitz, Michael R. Saso, Dennis C. Sasso, Richard Schachet, Jeremy Schwartz, Clark Shackelford, Eve Shere, Laurence M. Skopitz, Gary Smith, Max Soucia, Ronald A. Sparks, Stanley R. Stevens Jr., William H. Taber, Paul Tenaglia, John R. Thomas, Lawrence Troster, Glenn H. Turner, Roger W. Verley, Jason van Leeuwen, Heidi Waldmann, Andrew Warmflash, David W. Wettstein, Mason Wilson, Mike Young, Nancy Zala, Laurie Zimmerman, Daniel S. Akerib, Ruth F. Beeston, Karen K. Bernd, Mina Bissell, Elizabeth Blackburn, Robert A. Bloodgood, Gary Borisy, Daniel Branton, Anthony Bretscher, William R. Brinkley, David Burgess, A. Malcolm Campbell, David A. Chapman, Helen Cho, Darin A. Croft, George Q. Daley, Richard**

- A. Deitrich, Peter N. Devreotes, Marilyn G. Farquhar, Emilio E. Falco, Don W. Fawcett, Gerald R. Fink, Yonatan Fishman, Susan L. Forsburg, Elaine Fuchs, John Gearhart, Susan A. Gerbi, Larry Goldstein, Ursula Goodenough, Paul R. Gross, Brigid Hogan, Richard Hynes, James D. Jamieson, Elizabeth W. Jones, Caroline M. Kane, Samantha Kerry, Dan Kiehart, Marc Kirschner, Douglas Koshland, Lawrence M. Krauss, Harvey F. Lodish, Barbara Lom, Manuela Martins-Green, J. Richard McIntosh, Scott M. Moody, Francisco B.-G. Moore, Sean Morrison, Scott Orcutt, Erin O’Shea, Donald W. Ott, Robert E. Palazzo, Mary-Lou Pardue, Suzanne R. Pfeffer, Thomas D. Pollard, Patricia Princehouse, Patricia J. Pukkila, Jean-Paul Revel, Steve Rissing, Emily Rock, David Sepkoski, M. Cather Simpson, Maxine Singer, Janet M. Shaw, Randy Schekman, Jean E. Schwarzbauer, Pamela Silver, Mark Spencer, James Spudich, Philip D. Stahl, Mark Stanback, Victor J. Stenger, Prue Talbot, Lee Anne Thompson, Frans deWaal, Christopher Watters, Stephen C. Weeks, Steven Weinberg, Zena Werb, Joanne Westin, Sue Wick, William B. Wood, Richard Wrangham, Robin Wright, & Matt Young.** 2005. “To All Fifty State Governors.” *Uncommon Descent* posting of Campaign to Defend the Constitution (DefCon) letter (online pdf at *uncommondescent.com* accessed 12/18/2013).
- Alberts, Bruce, Alton Biggs, Rodger Bybee, Neil Campbell, Helena Curtis, Carol Gontag, Paul J. Hummer Jr., Alexander Johnson, George Johnson, William Leonard, Joseph Levine, Marilyn Lisowski, Linda Lundgren, James McLaren, Kenneth Miller, John Penick, Peter Raven, Jane Reece, Gerald Skoog, & Eric Strauss.** 1999. “Biology Authors’ Statement on Oklahoma Evolution Disclaimer.” *Brown University* posting of 17 November letter (online text at *biocrs.biomed.brown.edu* accessed 1/29/2002, not available as of 4/2/2014).
- Alberts, Bruce, & Jay B. Labov.** 2004. “From the National Academies: Teaching the Science of Evolution.” *CBE—Life Sciences Education* (AKA *Cell Biology Education*) **3** (Summer): 75-80.
- Alberts, Susan C., Jeanne Altmann, Diane K. Brockman, Marina Cords, Linda M. Fedigan, Anne Pusey, Tara S. Stoinski, Karen B. Strier, William F. Morris, & Anne M. Bronikowski.** 2013. “Reproductive aging patterns in primates reveal that humans are distinct.” *Proceedings of the National Academy of Sciences* **110** (13 August): 13440-13445.
- Albertson, R. Craig, J. Todd Strelman, & Thomas D. Kocher.** 2003. “Directional selection has shaped the oral jaws of Lake Malawi cichlid fishes.” *Proceedings of the National Academy of Sciences* **100** (29 April): 5252-5257.
- Albrecht, Andreas.** 1999. “Reply to ‘A Different Approach to Cosmology.’” *Physics Today* **52** (April): 44-46.
- . 2017. “A cosmos in the lab.” *Nature* **542** (9 February): 164.
- Albright, Thomas D.** 1999. “More than one way to see it move?” *Proceedings of the National Academy of Sciences* **96** (6 July): 7611-7613.
- Alcaide, Miguel, Elizabeth S. C. Scordato, Trevor D. Price, & Darren E. Irwin.** 2014. “Genomic divergence in a ring species complex.” *Nature* **511** (3 July): 83-85.
- Alciatore, David.** 2013. “Is a Pool Ball Smoother Than the Earth?” *Billiards Digest* June posting (online pdf at *billiards.colostate.edu* accessed 8/4/2017).
- Alcober, Oscar A., & Ricardo N. Martinez.** 2010. “A new herrerasaurid (Dinosauria, Saurischia) from the Upper Triassic Ischigualasto Formation of northwestern Argentina.” *ZooKeys* (online @ *ncbi.nlm.nih.gov*) **63** (19 October): 55-81.
- Alcock, Felicity, Abigail Clements, Chaille Webb, & Trevor Lithgow.** 2010. “Tinkering Inside the Organelle.” *Science* **327** (5 February): 649-650.
- Alcock, James.** 2011. “What Is So Strange about Believing as the Mormons Do?” *Free Inquiry* **31** (October/November): 36-39.
- Alcock, John.** 2000. “Misbehavior: How Stephen Jay Gould is wrong about evolution.” *Boston Review* **25** (April/May): online text accessed 2/15/2002 (*bostonreview.net*).
- . 2001. *The Triumph of Sociobiology*. Oxford: Oxford University Press.
- Alcock, Joe, & Mark D. Schwartz.** 2011. “A Clinical Perspective in Evolutionary Medicine:

- What We Wish We Had Learned in Medical School.” *Evolution: Education & Outreach* **4** (December): 580-588.
- Alcorn, Randy.** 2009. “Ten Major Flaws of Evolution.” Mission Boulevard Baptist Church *Creation Insights* posting (online text at *mbbc.us* accessed 8/12/2013).
- . 2010a. “What is your opinion of day-age creationism?” *Eternal Perspective Ministries* 9 February posting (online text at *www.epm.org* accessed 8/12/2013).
- . 2010b. “Ten Major Flaws of Evolution - Revised.” *Eternal Perspective Ministries* 3 October posting (online text at *www.epm.org* accessed 8/12/2013).
- . 2012. “Resources: Creation/Evolution.” *Eternal Perspective Ministries* posting (online text at *www.epm.org* accessed 8/12/2013).
- Alcorta, Candace S.** 2011. “Religion, health, and the social signaling model of religion.” *Religion, Brain & Behavior* **1** (October): 213-216.
- Alcudia, Hifsy.** 2010. “Laying the Foundation.” Southern Adventist University *Columns* “Across the Curriculum” segment (Spring): 9.
- Aldana-González, M., G. Cocho, H. Larralde, & G. Martínez-Mekler.** 2003. “Translocation Properties of Primitive Molecular Machines and Their Relevance to the Structure of the Genetic Code.” *Journal of Theoretical Biology* **220** (7 January): 27-45.
- Alder, J.** 2001a. “The Coming Revolution: It’s Up to Us.” Intelligent Design Undergraduate Research Center *Inside the Student Mind* 15 June posting (online text at *www.idurc.org* accessed 9/24/2001, not available as of 1/24/2014).
- . 2001b. “Darwinists on Education: Are We as Dumb as They Think We Are?” Intelligent Design Undergraduate Research Center *The Student Wedge Update* 15 June posting (online text at *www.idurc.org* accessed 1/8/2002, not available as of 1/24/2014).
- Alder, Matthew N., Igor B. Rogozin, Lakshminarayan M. Iyer, Galina V. Glazko, Max D. Cooper, & Zeev Pancer.** 2005. “Diversity and Function of Adaptive Immune Receptors in a Jawless Vertebrate.” *Science* **310** (23 December): 1970-1973.
- Alderman, George Allan III.** 2011. “Dinosaur Adventure Land, or How Max Defeated the Creationist Swing Set.” *Reports of the National Center for Science Education* **31** (November-December): 1.1-1.5.
- Aldersley, Michael F., Prakash C. Joshi, & James P. Ferris.** 2013. “The montmorillonite-catalyzed synthesis of RNA dimer.” *Journal of Biomolecular Structure & Dynamics Book of Abstracts Albany 2013: The 18th Conversation* (11-15 June): 6.
- Aldhous, Peter.** 2000. “‘Saturation screen’ lets zebrafish show their stripes.” *Nature* **404** (27 April): 910.
- . 2010. “Is this evidence that we can see the future?” *New Scientist* (11 November): online text accessed 1/6/2011 (*newscientist.com*).
- Aldredge, Robert D., & David M. Sever,** eds. 2011. *Reproductive Biology and Phylogeny of Snakes*. Boca Raton, Florida: CRC Press.
- Aldrup-Macdonald, Megan E., & Beth A. Sullivan.** 2014. “The Past, Present, and Future of Human Centromere Genomics.” *Genes* (Switzerland) **5** (1): 33-50.
- Alecian, E.** 2013. “An Introduction to Accretion Disks,” in Rozelot & Neiner (2013, 183-205).
- Alegado, Rosanna A., & Nicole King.** 2014. “Bacterial Influences on Animal Origins.” *Cold Spring Harbor Perspectives in Biology* **6** (November): a016162.
- Alegret, Laia, Eustoquio Molina, & Ellen Thomas.** 2003. “Benthic foraminiferal turnover across the Cretaceous/Paleogene boundary at Agost (southeastern Spain): paleoenvironmental inferences.” *Marine Micropaleontology* **48** (July): 251-279.
- Alegret, Laia, & Ellen Thomas.** 2004. “Benthic foraminifera and environmental turnover across the Cretaceous/Paleogene boundary at Blake Nose (ODP Hole 1049C, Northwestern Atlantic).” *Palaeogeography, Palaeoclimatology, Palaeoecology* **208** (31 May): 59-83.
- Alegret, Laia, Ellen Thomas, & Kyger C. Lohmann.** 2012. “End-Cretaceous marine mass extinction not caused by productivity collapse.” *Proceedings of the National Academy of Sciences* **109** (17 January): 728-732.
- Alegria, Marcos C., Cassia Docena, Leticia Khater, Carlos H. I. Ramos, Ana C. R. da Silva, & Chuck S. Farah.** 2004. “New Protein-Protein Interactions Identified for the Regulatory

- and Structural Components and Substrates of the Type III Secretion System of the Phytopathogen *Xanthomonas axonopodis* Pathovar citri.” *Journal of Bacteriology* **186** (September, No. 18): 6186-6197.
- Aleixandre, Maria Pilar Jiménez.** 1994. “Teaching Evolution and Natural Selection: A Look at Textbooks and Teachers.” *Journal of Research in Science Teaching* **31** (May): 519-535.
- Alemseged, Zeresenay.** 2015. “Stable isotopes serving as a checkpoint.” *Proceedings of the National Academy of Sciences* **112** (6 October): 12232-12233.
- Alemseged, Zeresenay, Fred Spoor, William H. Kimbel, René Bobe, Denis Geraads, Denné Reed, & Jonathan G. Wynn.** 2006. “A juvenile early hominin skeleton from Dikika, Ethiopia.” *Nature* **443** (21 September): 296-301.
- Alesina, Alberto.** 2013. “Women, Fertility, and the Rise of Modern Capitalism.” *Science* **342** (25 October): 482-484.
- Alexander, C. M. O’D., R. Bowden, M. L. Fogel, K. T. Howard, C. D. K. Herd, & L. R. Nittler.** 2012. “The Provenances of Asteroids, and Their Contributions to the Volatile Inventories of the Terrestrial Planets.” *Science* **337** (10 August): 721-723.
- Alexander, David E.** 2015. *On the Wing: Insects, Pterosaurs, Birds, Bats and the Evolution of Animal Flight*. Oxford: Oxford University Press.
- Alexander, David E., Enpu Gong, Larry D. Martin, David A. Burnham, & Amanda R. Falk.** 2010a. “Model tests of gliding with different hindwing configurations in the four-winged dromaeosaurid *Microraptor gui*.” *Proceedings of the National Academy of Sciences* **107** (16 February): 2972-2976.
- . 2010b. “Reply to Brougham and Brusatte: Overall anatomy confirms posture and flight model offers insight into the evolution of bird flight.” *Proceedings of the National Academy of Sciences* **107** (5 October): E156.
- Alexander, Denis R.** 1999. “Can Science Explain Everything?” *Christians in Science* posting of *Cambridge Papers* **8** (June) paper (online text at www.cis.org.uk accessed 1/25/2015).
- . 2003. “Is Evolution Atheistic?” *Christians in Science* posting of *Evangelicals Now* (January) article (online pdf at www.cis.org.uk accessed 1/25/2015).
- . 2006. “Does Evolution Have any Religious Significance?” *Christians in Science* posting (online pdf at www.cis.org.uk accessed 1/25/2015).
- . 2010a. “Darwin: The Father of Modern Racism?” *The BioLogos Foundation* posting 25 August (online text at biologos.org accessed 8/23/2012).
- . 2010b. “How Does a BioLogos Model Need to Address the Theological Issues Associated with an Adam Who Was Not the Sole Genetic Progenitor of Humankind?” *The BioLogos Foundation* November position paper posting (online pdf at biologos.org accessed 6/1/2014).
- . 2012. “A Critique of Intelligent Design,” in Robinson (2012, 101-124).
- Alexander, Marcus, & Fotini Christia.** 2011. “Context Modularity of Human Altruism.” *Science* **334** (9 December): 1392-1394.
- Alexander, Patrick A., Yanan He, Yihong Chen, John Orban, & Philip N. Bryan.** 2009. “A minimal sequence code for switching protein structure and function.” *Proceedings of the National Academy of Sciences* **106** (15 December): 21149-21154.
- Alexander, R. McNeill.** 2004. “Bipedal animals, and their differences from humans.” *Journal of Anatomy* **204** (May): 321-330.
- . 2008. “Engineering limits to the body size of land animals,” in Benton (2008a, 190-192).
- Alexander, Ruth.** 2013. “Are there really 100,000 new Christian martyrs every year?” *BBC News* posting 12 November: online text accessed 6/28/2016 (www.bbc.com).
- Alexander, Stephen H. S.** 2009. “Just What Is Dark Energy?” in Brockman (2009, 53-67).
- Alexandre, Cyrille, Alberto Baena-Lopez, & Jean-Paul Vincent.** 2014. “Patterning and growth control by membrane-tethered Wingless.” *Nature* **505** (9 January): 180-185.
- Alexandre, Daniel, & Alain Ghysen.** 1999. “Somatotopy of the lateral line projection in larval zebrafish.” *Proceedings of the National Academy of Sciences* **96** (22 June): 7558-7562.
- Alexandrou, Markos A., Claudio Oliveira, Marjorie Maillard, Rona A. R. McGill, Jason Newton, Simon Creer, & Martin I. Taylor.** 2011. “Competition and phylogeny

- determine community structure in Müllerian co-mimics.” *Nature* **469** (6 January): 84-88.
- Alexeev, Dmitriy, Marina Alexeeva, Robert L. Baxter, Dominic J. Campopiano, Scott P. Webster, & Lindsay Sawyer.** 1998. “The crystal structure of 8-amino-7-oxononanoate synthase: A bacterial PLP-dependent, acyl-CoA-condensing enzyme.” *Journal of Molecular Biology* **284** (27 November): 401-419.
- Alfaro, Michael E., & Francesco Santini.** 2010. “A flourishing of fish forms.” *Nature* **464** (8 April): 840-841.
- Alfaro, Michael E., Francesco Santini, Chad Brock, Hugo Alamillo, Alex Dornburg, Daniel L. Rabosky, Giorgio Carnevale, & Luke J. Harmon.** 2009. “Nine exceptional radiations plus high turnover explain species diversity in jawed vertebrates.” *Proceedings of the National Academy of Sciences* **106** (11 August): 13410-13414.
- Alferov, Timofey.** 2000. “Dragons: Animals ... not Apparitions.” *Answers in Genesis Creation* **22** (June): 14-16.
- Alföldi, Jessica, Federica Di Palma, Manfred Grabherr, Christiana Williams, Lesheng Kong, Evan Mauceli, Pamela Russell, Craig B. Lowe, Richard E. Glor, Jacob D. Jaffe, David A. Ray, Stephane Boissinot, Andrew M. Shedlock, Christopher Botka, Todd A. Castoe, John K. Colbourne, Matthew K. Fujita, Ricardo Godinez Moreno, Boudewijn F. ten Hallers, David Haussler, Andreas Heger, David Heiman, Daniel E. Janes, Jeremy Johnson, Pieter J. de Jong, Maxim Y. Koriabine, Marcia Lara, Peter A. Novick, Chris L. Organ, Sally E. Peach, Steven Poe, David D. Pollock, Kevin de Queiroz, Thomas Sanger, Steve Searle, Jeremy D. Smith, Zachary Smith, Ross Swofford, Jason Turner-Maier, Juli Wade, Sarah Young, Amonida Zadissa, Scott V. Edwards, Travis C. Glenn, Christopher J. Schneider, Jonathan B. Losos, Eric S. Lander, Matthew Breen, Chris P. Ponting, & Kerstin Lindblad-Toh.** 2011. “The genome of the green anole lizard and a comparative analysis with birds and mammals.” *Nature* **477** (29 September): 596-600.
- Alfonzo, Juan D., Valerie Blanc, Antonio M. Estévez, Mary Anne T. Rubio, & Larry Simpson.** 1999. “C to U editing of the anticodon of imported mitochondrial tRNA^{Trp} allows decoding of the UGA stop codon in *Leishmania tarentolae*.” *The EMBO Journal* **18** (15 December): 7056-7062.
- Alford, Henry.** 2015. “Is Donald Trump Actually a Narcissist? Therapists Weigh In!” *Vanity Fair* 11 November posting: online text accessed 1/19/2016 (vanityfair.com).
- Alfvén, Hannes.** 1988. “Memoirs of a Dissident Scientist.” *American Scientist* **76** (May-June): 249-251.
- Algeo, John.** 2001. “A Notable Theosophist: Benjamin Lee Whorf.” *The Theosophical Society in America* posting (online text at www.theosophical.org accessed 10/11/2011).
- Al-Hashimi, Nawfal, Anne-Gaelle Lafont, Sidney Delgado, Kazuhiko Kawasaki, & Jean-Yves Sire.** 2010. “The Enamelin Genes in Lizard, Crocodile, and Frog and the Pseudogene in the Chicken Provide New Insights on Enamelin Evolution in Tetrapods.” *Molecular Biology and Evolution* **27** (September): 2078-2094.
- Al-Hibri, Azizah Y., Jean Bethke Elshaint, & Charles C. Haynes, eds.** 2001. *Religion in American Public Life: Living with Our Deepest Differences*. New York: W. W. Norton & Co.
- Alho, Petteri, Victor R. Baker, & Larry N. Smith.** 2010. “Paleohydraulic reconstruction of the largest Glacial Lake Missoula draining(s).” *Quaternary Science Reviews* **29** (November): 3067-3078.
- Ali, Adam A., Olivier Blarquez, Martin P. Girardin, Christelle Hély, Fabien Tinquaut, Ahmed El Guellab, Verushka Valsecchi, Aurélie Terrier, Laurent Bremond, Aurélie Genries, Sylvie Gauthier, & Yves Bergeron.** 2012. “Control of the multimillennial wildfire size in boreal North America by spring climatic conditions.” *Proceedings of the National Academy of Sciences* **109** (18 December): 20966-20970.
- Ali, Ahmed Farag, & Saurya Das.** 2015. “Cosmology from quantum potential.” *Physics Letters B* **741** (4 February): 276-279.
- Ali, Ayaan Hirsi.** 2010. “Emperor Has No Clothes Award honoree: FFRF honors Ayaan Hirsi

- Ali.” *Freethought Today* **27** (December): 12-13.
- Ali, Farhan, & Rudolf Meier.** 2008. “Positive Selection in *ASPM* is Correlated with Cerebral Cortex Evolution across Primates but Not with Whole-Brain Size.” *Molecular Biology and Evolution* **25** (November): 2247-2250.
- Ali, Jason R., & Jonathan C. Aitchison.** 2008. “Gondwana to Asia: Plate tectonics, paleogeography and the biological connectivity of the Indian sub-continent from the Middle Jurassic through latest Eocene (166-35 Ma).” *Earth-Science Reviews* **88** (June): 145-166.
- . 2014. “Exploring the combined role of eustasy and oceanic island thermal subsidence in shaping biodiversity on the Galápagos.” *Journal of Biogeography* **41** (July): 1227-1241.
- Ali, Jason R., & Matthew Huber.** 2010. “Mammalian biodiversity on Madagascar controlled by ocean currents.” *Nature* **463** (4 February): 653-656.
- Ali, M. Yusuf, Guy G. Kennedy, Daniel Safer, Kathleen M. Trybus, H. Lee Sweeney, & David M. Warshaw.** 2011. “Myosin Va and myosin VI coordinate their steps while engaged in an in vitro tug of war during cargo transport.” *Proceedings of the National Academy of Sciences* **108** (23 August): E535-E541.
- Ali, Robin R., & Jane C. Sowden.** 2011. “DIY Eye.” *Nature* **472** (7 April): 42-43.
- Ali, Shah Raj, & Kamaluddin.** 2007. “Interaction of Ribonucleotides with Metal Hexacyanocobaltate(III): A Possible Role in Chemical Evolution.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **37** (June): 225-234.
- Ali, Wajahat, Eli Clifton, Matthew Duss, Lee Fang, Scott Keyes, & Faiz Shakir.** 2011. “Fear, Inc.: The Roots of the Islamophobia Network in America.” *Center for American Progress* April publication (online text at www.americanprogress.org accessed 8/31/2011).
- Ali, Wajahat, & Haroon Moghul.** 2013. “Forget the Pope—We Need a New Caliph!” *Religion Dispatches* 1 April posting (online text at religiondispatches.org accessed 4/2/2013).
- Alibardi, Lorenzo.** 2004. “Comparative aspects of the inner root sheath in adult and developing hairs of mammals in relation to the evolution of hairs.” *Journal of Anatomy* **205** (September): 179-200.
- . 2005. “Cell structure of developing barbs and barbules in downfeathers of the chick: Central role of barb ridge morphogenesis for the evolution of feathers.” *Journal of Submicroscopic Cytology and Pathology* **37** (April): 19-41.
- . 2006. “Ultrastructural Localization of Tritiated Histidine in Down Feathers of the Chick.” *Cells Tissues Organs* **182** (January): 35-47.
- . 2007a. “Cytological Aspects of the Differentiation of Barb Cells During the Formation of the Ramus of Feathers.” *International Journal of Morphology* **25** (1): 73-83.
- . 2007b. “Wedge cells during regeneration of juvenile and adult feathers and their role in carving out the branching pattern of barbs.” *Annals of Anatomy* **189** (10 May): 234-242.
- Alibardi, Lorenzo, Luisa Dalla Valle, Alessia Nardi, & Mattia Toni.** 2009. “Evolution of hard proteins in the sauropsid integument in relation to the cornification of skin derivatives in amniotes.” *Journal of Anatomy* **214** (April): 560-586.
- Alibardi, L., L. W. Knapp, & R. H. Sawyer.** 2006. “Beta-keratin localization in developing alligator scales and feathers in relation to the development and evolution of feathers.” *Journal of Submicroscopic Cytology and Pathology* **38** (June-September): 175-192.
- Alibardi, L., & R. H. Sawyer.** 2006. “Cell structure of developing downfeathers in the zebrafinch with emphasis on barb ridge morphogenesis.” *Journal of Anatomy* **208** (May): 621-642.
- Alié, Alexandre, Tetsutaro Hayashi, Itsuro Sugimura, Michaël Manuel, Wakana Sugano, Akira Mano, Nori Satoh, Kiyokazu Agata, & Noriko Funayama.** 2015. “The ancestral gene repertoire of animal stem cells.” *Proceedings of the National Academy of Sciences* **112** (22 December): E7093-E7100.
- Alié, Alexandre, & Michaël Manuel.** 2010. “The backbone of the post-synaptic density originated in a unicellular ancestor of choanoflagellates and metazoans.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (3 February): 34.
- Alifanov, Vladimir R.** 1993. “New lizards of the family Macrocephalosauridae (Sauria) from the Upper Cretaceous of Mongolia, critical remarks on the systematics of the Teiidae (sensu

- Estes, 1983).” *Paleontological Journal* **27** (January): 70-90.
- Alioto, Tyler S.** 2007. “U12DB: a database of orthologous U12-type spliceosome introns.” *Nucleic Acids Research* **35** (July Supplement 1): D110-D115.
- Aliscioni, Sandra, Hester L. Bell, Guillaume Besnard, Pascal-Antoine Christin, J. Travis Columbus, Melvin R. Duvall, Erika J. Edwards, Liliana Giussani, Kristen Hasenstab-Lehman, Khidir W. Hilu, Trevor R. Hodkinson, Amanda L. Ingram, Elizabeth A. Kellogg, Saeideh Mashayekhi, Osvaldo Morrone, Colin P. Osborne, Nicolas Salamin, Hanno Schaefer, Elizabeth Spriggs, Stephen A. Smith, & Fernando Zuloaga (Grass Phylogeny Working Group II).** 2012. “New grass phylogeny resolves deep evolutionary relationships and discovers C₄ origins.” *New Phytologist* **193** (January): 304-312.
- A-List.* 2011. “Showdown at the Rodeo.” *The A-List: Dallas Logo cable TV series* (viewed on airing 9/4/2013).
- Alizon, Samuel, Michal Kucera, & Vincent A. A. Jansen.** 2008. “Competition between cryptic species explains variations in rates of lineage evolution.” *Proceedings of the National Academy of Sciences* **105** (26 August): 12382-12386.
- Al-Khalili, Jim.** 2011. *The House of Wisdom: How Arabic Science Saved Ancient Knowledge and Gave Us the Renaissance*. New York: The Penguin Press.
- Alkire, Michael T., Anthony G. Hudetz, & Giulio Tononi.** 2008. “Consciousness and Anesthesia.” *Science* **322** (7 November): 876-880.
- All About Archaeology.* 2011. “Shroud of Turin.” *All About Archaeology* undated posting (online text at allaboutarchaeology.org accessed 6/15/2011).
- All About Creation.* 2011a. “Age Of Earth.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011b. “Catastrophism.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011c. “Dinosaur Extinction.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011d. “Evidence For Evolution.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/6/2011).
- . 2011e. “Geologic Time Scale.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011f. “Global Flood.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011g. “Nebraska Man.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- . 2011h. “Radiometric Dating.” *All About Creation* undated posting (online text at allaboutcreation.org accessed 6/15/2011).
- All About God.* 2011. “Exodus 21.” *All About God* undated posting (online text at allaboutgod.com accessed 6/15/2011).
- All About History.* 2011a. “All About History & Does God Exist Scientifically?” *All About History* undated posting (online text at allabouthistory.org accessed 6/15/2011).
- . 2011b. “Christopher Columbus.” *All About History* undated posting (online text at allabouthistory.org accessed 6/15/2011).
- . 2011c. “In God We Trust.” *All About History* undated posting (online text at allabouthistory.org accessed 6/15/2011).
- . 2011d. “School Prayer.” *All About History* undated posting (online text at allabouthistory.org accessed 6/15/2011).
- All About Philosophy.* 2007. “Secular Humanism.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 10/10/2007).
- . 2011a. “Antony Flew.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/15/2011).
- . 2011b. “Creation Vs. Evolution.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/6/2011).
- . 2011c. “C.S. Lewis Quotes.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/15/2011).

- . 2011d. “Does God Exist?” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/6/2011).
- . 2011e. “Gilgamesh.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/15/2011).
- . 2011f. “Greek Philosophy Plato.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/15/2011).
- . 2011g. “Materialism.” *All About Philosophy* undated posting (online text at allaboutphilosophy.org accessed 6/6/2011).
- All About Popular Issues*. 2011a. “End Times.” *All About Popular Issues* undated posting (online text at allaboutpopularissues.org accessed 6/15/2011).
- . 2011b. “The Great Pyramid of Giza.” *All About Popular Issues* undated posting (online text at allaboutpopularissues.org accessed 6/15/2011).
- . 2011c. “Noah and the Ark.” *All About Popular Issues* undated posting (online text at allaboutpopularissues.org accessed 6/15/2011).
- . 2011d. “Noah’s Ark.” *All About Popular Issues* undated posting (online text at allaboutpopularissues.org accessed 6/15/2011).
- . 2011e. “Was Noah’s Ark Found.” *All About Popular Issues* undated posting (online text at allaboutpopularissues.org accessed 6/15/2011).
- All About Science*. 2011a. “Abiogenesis.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011b. “Anatomical Homology.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011c. “Archaeopteryx.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011d. “Big Bang Theory.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011e. “The Cambrian Explosion.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011f. “Charles Darwin.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011g. “Chirality.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011h. “Co-option.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011i. “Cosmic Fine Tuning.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011j. “Cosmological Arguments.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011k. “Dark Energy.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011l. “Darwin Day.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011m. “Darwin’s Theory of Evolution.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011n. “Dawkins: The Greatest Show on Earth.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011o. “Dawkins: The Greatest Show on Earth 2.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011p. “DNA Double Helix.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011q. “DNA Replication.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011r. “DNA Structure.” *All About Science* undated posting (online text at allaboutscience.org accessed 6/6/2011).
- . 2011s. “Endoplasmic Reticulum.” *All About Science* undated posting (online text at

- allaboutscience.org* accessed 6/6/2011).
- . 2011t. “Evolution.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011u. “Evolution of Man.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011v. “Evolution of Sex.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011w. “Intelligent Design.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011x. “Junk DNA.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011y. “Multiverse.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011z. “New Proteins.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011aa. “Origin Of Life.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ab. “Origin Of Life 2.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ac. “Origin Of Species.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ad. “RNA World.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ae. “Schrodinger.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011af. “Science.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ag. “Scientific Method.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ah. “Second Law of Thermodynamics.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011ai. “Symbiosis.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- . 2011aj. “Theory of Relativity.” *All About Science* undated posting (online text at *allaboutscience.org* accessed 6/6/2011).
- All About the Occult.* 2011a. “History of Tarot Cards.” *All About the Occult* undated posting (online text at *allabouttheoccult.org* accessed 6/15/2011).
- . 2011b. “Tarot Cards.” *All About the Occult* undated posting (online text at *allabouttheoccult.org* accessed 6/15/2011).
- All About the Truth.* 2011a. “Answers to Alleged Bible Contradictions.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/15/2011).
- . 2011b. “Bible Contradictions.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/15/2011).
- . 2011c. “Biblical Contradictions.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/15/2011).
- . 2011d. “Contradictions in the Bible.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/15/2011).
- . 2011e. “Contradictions of the Bible.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/15/2011).
- . 2011f. “Holy Bible.” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/6/2011).
- . 2011g. “Who Wrote The Bible?” *All About the Truth* undated posting (online text at *allabouttruth.org* accessed 6/6/2011).
- All About Worldview.* 2011. “Letter to a Christian Nation.” *All About Worldview* undated posting (online text at *allaboutworldview.org* accessed 6/15/2011).

- . 2011. “Slavery in the Bible.” *All About Worldview* undated posting (online text at allaboutworldview.org accessed 6/15/2011).
- Allada, Ravi.** 2008. “An emerging link between general anesthesia and sleep.” *Proceedings of the National Academy of Sciences* **105** (19 February): 2257-2258.
- Allada, Ravi, & Jerome M. Siegel.** 2008. “Unearthing the Phylogenetic Roots of Sleep.” *Current Biology* **18** (5 August): R670-R679.
- Allan, Elaine, Nick Dorrell, Susan Foynes, Martin Anyim, & Brendan W. Wren.** 2000. “Mutational Analysis of Genes Encoding the Early Flagellar Components of *Helicobacter pylori*: Evidence for Transcriptional Regulation of Flagellin A Biosynthesis.” *Journal of Bacteriology* **182** (September, No. 18): 5274-5277.
- Allchin, Douglas.** 1999. “Teaching Darwin Seriously: Addressing Evolution & Ethics.” *The American Biology Teacher* **61** (May): 350-355.
- . 2009a. “The Evolution of Morality.” *Evolution: Education & Outreach* **2** (December): 590-601.
- . 2009b. “Why We Need to Teach the Evolution of Morality.” *Evolution: Education & Outreach* **2** (December): 622-628.
- . 2009c. “Teaching the Evolution of Morality: Status and Resources.” *Evolution: Education & Outreach* **2** (December): 629-635.
- Allegre, Claude, J. Scott Armstrong, Jan Breslaw, Roger Cohen, Edward David, William Happer, Michael Kelly, William Kininmonth, Richard Lindzen, James McGrath, Rodney Nichols, Burt Rutan, Harrison H. Schmitt, Nir Shaviv, Henk Tennekes, & Antonio Zichichi.** 2012a. “No Need to Panic About Global Warming.” *The Wall Street Journal* posting 27 January: online text accessed 7/1/2012 (online.wsj.com).
- . 2012b. “Concerned Scientists Reply on Global Warming.” *The Wall Street Journal* posting 12 February: online text accessed 7/1/2012 (online.wsj.com).
- Allègre, C. J., J.-L. Birck, S. Fourcade, & M. P. Semet.** 1975. “Rubidium-87/Strontium-87 Age of Juvinas Basaltic Achondrite and Early Igneous Activity in the Solar System.” *Science* **187** (7 February): 436-438.
- Allègre, Claude J., Gérard Manhès, & Christa Göpel.** 1995. “The age of the Earth.” *Geochimica et Cosmochimica Acta* **59** (April #8): 1445-1456.
- Allegretti, Matteo, Niklas Klusch, Deryck J. Mills, Janet Vonck, Werner Kühlbrandt, & Karen M. Davies.** 2015. “Horizontal membrane-intrinsic α -helices in the stator α -subunit of an F-type ATP synthase.” *Nature* **521** (14 May): 237-240.
- Allen, Andrew E., Christopher L. Dupont, Miroslav Obornik, Aleš Horák, Adriano Nunes-Nesi, John P. McCrow, Hong Zeng, Daniel A. Johnson, Hanhua Hu, Alisdair R. Fernie, & Chris Bowler.** 2011. “Evolution and metabolic significance of the urea cycle in photosynthetic diatoms.” *Nature* **473** (12 May): 203-207.
- Allen, Andrew P., James F. Gillooly, Van M. Savage, & James H. Brown.** 2006. “Kinetic effects of temperature on rates of genetic divergence and speciation.” *Proceedings of the National Academy of Sciences* **103** (13 June): 9130-9135.
- Allen, Ben.** 2015. “Why is Jerry Coyne blocking scientific discussion?” *Pharyngula* guest posting 31 March (online text at freethoughtblogs.com/pharyngula accessed 3/31/2015).
- Allen, Benjamin, Gabor Lippner, Yu-Ting Chen, Babak Fotouhi, Naghme Momeni, Shing-Tung Yau, & Martin A. Nowak.** 2017. “Evolutionary dynamics on any population structure.” *Nature* **544** (13 April): 227-230.
- Allen, Benjamin, Martin A. Nowak, & Edward O. Wilson.** 2013. “Limitations of inclusive fitness.” *Proceedings of the National Academy of Sciences* **110** (10 December): 20135-20139.
- Allen, Brooke.** 2006. *Moral Minority: Our Skeptical Founding Fathers*. Chicago: Ivan R. Dee.
- Allen, Colin.** 2008. “Animal consciousness,” in Benton (2008a, 251-253).
- Allen, David L.** 2010. “A Reply to Tom Nettles’ Review of William A. Dembski’s *The End of Christianity: Finding a Good God in an Evil World*.” *The Center for Theological Research* posting of February White Paper 33 (online text at BaptistTheology.org accessed 10/20/2010).

- Allen, Gary.** 1971. *None Dare Call It Conspiracy*. Rossmoor, CA: Concord Press.
- Allen, Gary C., & Paul C. Ragland.** 1972. "Chemical and Mineralogical Variations during Prograde Metamorphism, Great Smoky Mountains, North Carolina and Tennessee." The Geological Society of America *GSA Bulletin* **83** (May): 1285-1298.
- Allen, Ginger.** 2010. "God Created Plant Pollinator Partners." *Answers in Genesis* 24 February posting (online text at www.answersingenesis.org accessed 7/29/2015).
- Allen, Hana Lango, Karol Estrada, Guillaume Lettre, Sonja I. Berndt, Michael N. Weedon, Fernando Rivadeneira, Cristen J. Willer, Anne U. Jackson, Sailaja Vedantam, Soumya Raychaudhuri, Teresa Ferreira, Andrew R. Wood, Robert J. Weyant, Ayellet V. Segrè, Elizabeth K. Speliotes, Eleanor Wheeler, Nicole Soranzo, Ju-Hyun Park, Jian Yang, Daniel Gudbjartsson, Nancy L. Heard-Costa, Joshua C. Randall, Lu Qi, Albert Vernon Smith, Reedik Mägi, Tomi Pastinen, Liming Liang, Iris M. Heid, Jian'an Luan, Gudmar Thorleifsson, Thomas W. Winkler, Michael E. Goddard, Ken Sin Lo, Cameron Palmer, Tsegaselassie Workalemahu, Yurii S. Aulchenko, Åsa Johansson, M. Carola Zillikens, Mary F. Feitosa, Tõnu Esko, Toby Johnson, Shamika Ketkar, Peter Kraft, Massimo Mangino, Inga Prokopenko, Devin Absher, Eva Albrecht, Florian Ernst, Nicole L. Glazer, Caroline Hayward, Jouke-Jan Hottenga, Kevin B. Jacobs, Joshua W. Knowles, Zoltán Kutalik, Keri L. Monda, Ozren Polasek, Michael Preuss, Nigel W. Rayner, Neil R. Robertson, Valgerdur Steinthorsdottir, Jonathan P. Tyrer, Benjamin F. Voight, Fredrik Wiklund, Jianfeng Xu, Jing Hua Zhao, Dale R. Nyholt, Niina Pellikka, Markus Perola, John R. B. Perry, Ida Surakka, Mari-Liis Tammesoo, Elizabeth L. Altmaier, Najaf Amin, Thor Aspelund, Tushar Bhangale, Gabrielle Boucher, Daniel I. Chasman, Constance Chen, Lachlan Coin, Matthew N. Cooper, Anna L. Dixon, Quince Gibson, Elin Grundberg, Ke Hao, M. Juhani Juntila, Lee M. Kaplan, Johannes Kettunen, Inke R. König, Tony Kwan, Robert W. Lawrence, Douglas F. Levinson, Mattias Lorentzon, Barbara McKnight, Andrew P. Morris, Martina Müller, Julius Suh Ngwa, Shaun Purcell, Suzanne Rafelt, Rany M. Salem, Erika Salvi, Serena Sanna, Jianxin Shi, Ulla Sovio, John R. Thompson, Michael C. Turchin, Liesbeth Vandenput, Dominique J. Verlaan, Veronique Vitart, Charles C. White, Andreas Ziegler, Peter Almgren, Anthony J. Balmforth, Harry Campbell, Lorena Citterio, Alessandro De Grandi, Anna Dominiczak, Jubao Duan, Paul Elliott, Roberto Elosua, Johan G. Eriksson, Nelson B. Freimer, Eco J. C. Geus, Nicola Glorioso, Shen Haiqing, Anna-Liisa Hartikainen, Aki S. Havulinna, Andrew A. Hicks, Jennie Hui, Wilmar Igl, Thomas Illig, Antti Jula, Eero Kajantie, Tuomas O. Kilpeläinen, Markku Koiranen, Ivana Kolcic, Seppo Koskinen, Peter Kovacs, Jaana Laitinen, Jianjun Liu, Marja-Liisa Lokki, Ana Marusic, Andrea Maschio, Thomas Meitinger, Antonella Mulas, Guillaume Paré, Alex N. Parker, John F. Peden, Astrid Petersmann, Irene Pichler, Kirsi H. Pietiläinen, Anneli Pouta, Martin Ridderstråle, Jerome I. Rotter, Jennifer G. Sambrook, Alan R. Sanders, Carsten Oliver Schmidt, Juha Sinisalo, Jan H. Smit, Heather M. Stringham, G. Bragi Walters, Elisabeth Widen, Sarah H. Wild, Gonneke Willemsen, Laura Zagato, Lina Zgaga, Paavo Zitting, Helene Alavere, Martin Farrall, Wendy L. McArdle, Mari Nelis, Marjolein J. Peters, Samuli Ripatti, Joyce B. J. van Meurs, Katja K. Aben, Kristin G. Ardlie, Jacques S. Beckmann, John P. Beilby, Richard N. Bergman, Sven Bergmann, Francis S. Collins, Daniele Cusi, Martin den Heijer, Gudny Eiriksdottir, Pablo V. Gejman, Alistair S. Hall, Anders Hamsten, Heikki V. Huikuri, Carlos Iribarren, Mika Kähönen, Jaakko Kaprio, Sekar Kathiresan, Lambertus Kiemeny, Thomas Kocher, Lenore J. Launer, Terho Lehtimäki, Olle Melander, Tom H. Mosley Jr., Arthur W. Musk, Markku S. Nieminen, Christopher J. O'Donnell, Claes Ohlsson, Ben Oostra, Lyle J. Palmer, Olli Raitakari, Paul M. Ridker, John D. Rioux, Aila Rissanen, Carlo Rivolta, Heribert Schunkert, Alan R. Shuldiner, David S. Siscovick, Michael Stumvoll, Anke Tönjes, Jaakko Tuomilehto, Gert-Jan van Ommen, Jorma Viikari, Andrew C. Heath, Nicholas G. Martin, Grant W. Montgomery, Michael A. Province, Manfred Kayser, Alice M. Arnold, Larry D. Atwood, Eric Boerwinkle, Stephen J. Chanock, Panos Deloukas, Christian Gieger,**

- Henrik Grönberg, Per Hall, Andrew T. Hattersley, Christian Hengstenberg, Wolfgang Hoffman, G. Mark Lathrop, Veikko Salomaa, Stefan Schreiber, Manuela Uda, Dawn Waterworth, Alan F. Wright, Themistocles L. Assimes, Inês Barroso, Albert Hofman, Karen L. Mohlke, Dorret I. Boomsma, Mark J. Caulfield, L. Adrienne Cupples, Jeanette Erdmann, Caroline S. Fox, Vilmundur Gudnason, Ulf Gyllensten, Tamara B. Harris, Richard B. Hayes, Marjo-Riitta Jarvelin, Vincent Mooser, Patricia B. Munroe, Willem H. Ouwehand, Brenda W. Penninx, Peter P. Pramstaller, Thomas Quertermous, Igor Rudan, Nilesh J. Samani, Timothy D. Spector, Henry Völzke, Hugh Watkins, James F. Wilson, Leif C. Groop, Talin Haritunians, Frank B. Hu, Robert C. Kaplan, Andres Metspalu, Kari E. North, David Schlessinger, Nicholas J. Wareham, David J. Hunter, Jeffrey R. O'Connell, David P. Strachan, H.-Erich Wichmann, Ingrid B. Borecki, Cornelia M. van Duijn, Eric E. Schadt, Unnur Thorsteinsdottir, Leena Peltonen, André G. Uitterlinden, Peter M. Visscher, Nilanjan Chatterjee, Ruth J. F. Loos, Michael Boehnke, Mark I. McCarthy, Erik Ingelsson, Cecilia M. Lindgren, Gonçalo R. Abecasis, Kari Stefansson, Timothy M. Frayling, & Joel N. Hirschhorn.** 2010. "Hundreds of variants clustered in genomic loci and biological pathways affect human height." *Nature* **467** (14 October): 832-838.
- Allen, Heather K., Luke A. Moe, Jitsupang Rodbumrer, & Andra Gaarder.** 2009. "Functional metagenomics reveals diverse β -lactamases in a remote Alaskan soil." International Society for Microbial Ecology *The ISME Journal* **3** (February): 243-251.
- Allen, J. R. L.** 1982. "Mud Drapes in Sand-Wave Deposits: A Physical Model with Application to the Folkestone Beds (Early Cretaceous, Southeast England)." *Philosophical Transactions of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **306** (27 August): 291-345.
- . 1991. "The Bouma Division A and the Possible Duration of Turbidity Currents." *Journal of Sedimentary Petrology* **61** (March): 291-295.
- Allen, Jenny, Mason Weinrich, Will Hoppitt, & Luke Rendell.** 2013. "Network-Based Diffusion Analysis Reveals Cultural Transmission of Lobtail Feeding in Humpback Whales." *Science* **340** (26 April): 485-488.
- Allen, John Eliot, & Marjorie Burns, with Sam C. Sargent.** 1986. *Cataclysms on the Columbia*. Portland, OR: Timber Press.
- . 2009. *Cataclysms on the Columbia: The Great Missoula Floods*. Rev. 2nd ed. Portland, OR: Portland State University Ooligan Press.
- Allen, John F.** 2003. "The function of genomes in bioenergetic organelles." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **358** (January): 19-37.
- . 2015. "Why chloroplasts and mitochondria retain their own genomes and genetic systems: Colocalization for redox regulation of gene expression." *Proceedings of the National Academy of Sciences* **112** (18 August): 10231-10238.
- Allen, J. F., E. Gantt, J. H. Golbeck, & B. Osmond,** eds. 2008. *Photosynthesis. Energy from the Sun: 14th International Congress on Photosynthesis*. New York: Springer.
- Allen, John L. Jr.** 2006. "Interview with Dominique Tassot on Evolution." *Catholic Truth* 13 October posting (online text at veritas-catholic.blogspot.com accessed 12/3/2012).
- Allen, John S., Joel Bruss, & Hanna Damasio.** 2004. "The Structure of the Human Brain." *American Scientist* **92** (May-June): 246-253.
- Allen, M. A., F. Goh, B. P. Burns, & B. A. Neilan.** 2009. "Bacterial, archaeal and eukaryotic diversity of smooth and pustular microbial mat communities in the hypersaline lagoon of Shark Bay." *Geobiology* **7** (January): 82-96.
- Allen, Nicholas B., & Paul B. T. Badcock.** 2006. "Genes for susceptibility to mental disorder are not mental disorder: Clarifying the target of evolutionary analysis and the role of the environment." *Behavioral and Brain Sciences* **29** (August): 405.
- Allen, Paul, Frank Larøi, Philip K. McGuire, & André Aleman.** 2008. "The hallucinating brain: a review of structural and functional neuroimaging studies of hallucinations." *Neuroscience & Biobehavioral Reviews* **32** (1): 175-191.
- Allen, Philip A., & Paul F. Hoffman.** 2005. "Extreme winds and waves in the aftermath of a

- Neoproterozoic glaciation.” *Nature* **433** (13 January): 123-127.
- Allen, Robert S., Junyan Li, Melissa I. Stahle, Aurélie Dubroué, Frank Gubler, & Anthony A. Millar.** 2007. “Genetic analysis reveals functional redundancy and the major target genes of the *Arabidopsis* miR159 family.” *Proceedings of the National Academy of Sciences* **104** (9 October): 16371-16376.
- Allen, Sharon R., & Jocelyn McPhie.** 2009. “Products of Neptunian eruptions.” *Geology* **37** (July): 639-642.
- Allen, Steve.** 1990. *Steve Allen on the Bible, Religion, and Morality*. Buffalo, NY: Prometheus Books.
- Allen, Thomas M., & Ceclia C. Lo.** 2010. “Religiosity, Spirituality, and Substance Abuse.” *Journal of Drug Issues* **40** (April): 433-459.
- Allen, Timothy A., & Norbert J. Fortin.** 2013a. “The evolution of episodic memory.” *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10379-10386.
- . 2013b. “Reply to Rattenborg and Martinez-Gonzalez: Fundamental and divergent aspects of the neurobiology of episodic memory.” *Proceedings of the National Academy of Sciences* **110** (1 October): E3742.
- Allen, Timothy E., & Bernhard Ø. Palsson.** 2003. “Sequence-Based Analysis of Metabolic Demands for Protein Synthesis in Prokaryotes.” *Journal of Theoretical Biology* **220** (7 January): 1-18.
- Allen, Vivian, Karl T. Bates, Zhiheng Li, & John R. Hutchinson.** 2013. “Linking the evolution of body shape and locomotor biomechanics in bird-line archosaurs.” *Nature* **497** (2 May): 104-107.
- Allen, Vivian, Heather Paxton, & John R. Hutchinson.** 2009. “Variation in Center of Mass Estimates for Extant Sauropsids and Its Importance for Reconstructing Inertial Properties of Extinct Archosaurs.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1442-1461.
- Allender, Charlotte J., Ole Seehausen, Mairi E. Knight, George F. Turner, & Norman Maclean.** 2003. “Divergent selection during speciation of Lake Malawi cichlid fishes inferred from parallel radiations in nuptial coloration.” *Proceedings of the National Academy of Sciences* **100** (25 November): 14074-14079.
- Allendorf, Fred W., & Jeffrey J. Hard.** 2009. “Human-induced evolution caused by unnatural selection through harvest of wild animals.” *Proceedings of the National Academy of Sciences* **106** (16 June): 9987-9994.
- Allentoft, Morten E.** 2013. “Recovering samples of ancient DNA research—guidelines for the field archaeologist.” *Antiquity* **87** (December) article posting (online text at antiquity.ac.uk accessed 7/27/2014).
- Allentoft, Morten Erik, Matthew Collins, David Harker, James Haile, Charlotte L. Oskam, Marie L. Hale, Paula F. Campos, Jose A. Samaniego, M. Thomas P. Gilbert, Eske Willerslev, Guojie Zhang, R. Paul Scofield, Richard N. Holdaway, & Michael Bunce.** 2012. “The half-life of DNA in bone: measuring decay kinetics in 158 dated fossils.” *Proceedings of the Royal Society of London B (Biological Sciences)* **279** (7 December): 4724-4733.
- Allentoft, Morten Erik, Rasmus Heller, Charlotte L. Oskam, Eline D. Lorenzen, Marie L. Hale, M. Thomas P. Gilbert, Christopher Jacomb, Richard N. Holdaway, & Michael Bunce.** 2014. “Extinct New Zealand megafauna were not in decline before human colonization.” *Proceedings of the National Academy of Sciences* **111** (1 April): 4922-4927.
- Allentoft, Morten E., Martin Sikora, Karl-Göran Sjögren, Simon Rasmussen, Morten Rasmussen, Jesper Stenderup, Peter B. Damgaard, Hannes Schroeder, Torbjörn Ahlström, Lasse Vinner, Anna-Sapfo Malaspinas, Ashot Margaryan, Tom Higham, David Chivall, Niels Lynnerup, Lise Harvig, Justyna Baron, Philippe Della Casa, Paweł Dąbrowski, Paul R. Duffy, Alexander V. Ebel, Andrey Epimakhov, Karin Frei, Mirosław Furmanek, Tomasz Gralak, Andrey Gromov, Stanisław Gronkiewicz, Gisele Grupe, Tamás Hajdu, Radosław Jarysz, Valeri Khartanovich, Alexander Khokhlov,**

- Viktória Kiss, Jan Kolář, Aivar Kriiska, Irina Lasak, Cristina Longhi, George McGlynn, Algimantas Merkevičius, Inga Merkyte, Mait Metspalu, Ruzan Mkrtchyan, Vyacheslav Moiseyev, László Paja, György Pálfi, Dalia Pokutta, Łukasz Pospieszny, T. Douglas Price, Lehti Saag, Mikhail Sablin, Natalia Shishlina, Václav Smrčka, Vasilii I. Soenov, Vajk Szeverényi, Gusztáv Tóth, Synaru V. Trifanova, Liivi Varul, Magdolna Vicze, Levon Yepiskoposyan, Vladislav Zhitenev, Ludovic Orlando, Thomas Sicheritz-Pontén, Søren Brunak, Rasmus Nielsen, Kristian Kristiansen, & Eske Willerslev. 2015. "Population genomics of Bronze Age Eurasia." *Nature* **522** (11 June): 167-172.
- Allers, Kristina, Gero Hütter, Jörg Hofmann, Christoph Loddenkemper, Kathrin Rieger, Eckhard Thiel, & Thomas Schneider. 2011. "Evidence for the Cure of HIV Infection by CCR5Δ32/Δ32 Stem Cell Transplantation." *Blood* **117** (10 March): 2791-2799.
- Alley, Richard B. 1988. "Concerning the Deposition and Diagenesis of Strata in Polar Firn." *Journal of Glaciology* **34** (118): 283-290.
- . 2000. *The Two-Mile Time Machine: Ice Cores, Abrupt Climate Change, and Our Future*. Princeton, NJ: Princeton University Press.
- Alley, Richard B., & Michael L. Bender. 1998. "Greenland Ice Cores: Frozen in Time." *Scientific American* **278** (February): 80-85.
- Alley, Richard B., & Ian Joughin. 2012. "Modeling Ice-Sheet Flow." *Science* **336** (4 May): 551-552.
- Alley, R. B., & B. R. Koci. 1988. "Ice-core analysis at Site A, Greenland: preliminary results." *Annals of Glaciology* **10**: 1-4.
- Alley, R. B., E. S. Saltzman, K. M. Cuffey, & J. J. Fitzpatrick. 1990. "Summertime formation of depth hoar in central Greenland." *Geophysical Research Letters* **17** (December): 2393-2396.
- Alley, R. B., C. A. Shuman, D. A. Meese, A. J. Gow, K. C. Taylor, K. M. Cuffey, J. J. Fitzpatrick, P. M. Grootes, G. A. Zielinski, M. Ram, G. Spinelli, & B. Elder. 1997. "Visual-stratigraphic dating of the GISP2 ice core: basis, reproducibility, and application." *Journal of Geophysical Research* **102** (30 November): 26367-26381.
- Alley, Robert S. 1995. "Public Education and the Public Good." *William & Mary Bill of Rights Journal* **4** (Summer): 277-350.
- Allgaier, Joachim. 2010. "Scientific Experts and the Controversy About Teaching Creation/Evolution in the UK press." *Science & Education* **19** (June): 797-819.
- Allhoff, Fritz. 2003. "Evolutionary Ethics from Darwin to Moore." *History and Philosophy of the Life Sciences* **25** (1): 83-111.
- Alliance Defense Fund. 2005. "Knowing Your Rights: A Guide for Christian Students." *Alliance Defense Fund* pamphlet (online pdf at www.telladf.org accessed 9/2/2010).
- . 2006. "Missouri State U. quickly settles lawsuit with student punished for opposing homosexual adoption." *Alliance Defending Freedom* press release 13 November (online text at adfmedia.org accessed 9/23/2014).
- . 2010. "Augusta State Univ. to counseling student: change your beliefs or get out." *Alliance Defending Freedom* press release 22 July (online text at adfmedia.org accessed 12/8/2010).
- . 2012. "UL-Lafayette censors internationally acclaimed professor for politically incorrect views." *Alliance Defending Freedom* press release 5 January (online text at adfmedia.org accessed 2/26/2014).
- . 2017. "National Park Service: Research in Grand Canyon okay for geologists ... but not Christian ones." *Alliance Defending Freedom* press release 9 May (online text at adflegal.org accessed 5/12/2017).
- Alliegro, Mark C., & Mary Anne Alliegro. 2008. "Centrosomal RNA correlates with intron-poor nuclear genes in *Spisula* oocytes." *Proceedings of the National Academy of Sciences* **105** (13 May): 6993-6997.
- Alliegro, Mark C., Steven Hartson, & Mary Anne Alliegro. 2012. "Composition and Dynamics of the Nucleolinus, a Link between the Nucleolus and Cell Division Apparatus in

- Surf Clam (*Spisula*) Oocytes.” *The Journal of Biological Chemistry* **287** (24 February): 6702-6713.
- Alliegro, Mary Anne, Jonathan J. Henry, & Mark C. Alliegro.** 2010. “Rediscovery of the nucleolus, a dynamic RNA-rich organelle associated with the nucleolus, spindle, and centrosomes.” *Proceedings of the National Academy of Sciences* **107** (3 August): 13718-13723.
- Allin, Edgar F.** 1975. “Evolution of the mammalian middle ear.” *Journal of Morphology* **47** (December): 403-437.
- Allin, Edgar F., & James A. Hopson.** 1992. “Evolution of the Auditory System in Synapsida (‘Mammal-Like Reptiles’ and Primitive Mammals) as Seen in the Fossil Record,” in Webster *et al.* (1992, 587-614).
- Allison, Jim.** 2011. “Study Guide: Problematical Religious Right Quotes And Arguments.” *The Constitutional Principle* undated posting (online text at candst.tripod.com accessed 12/7/2011).
- Allison, Melissa.** 2012. “Seattle’s low-wage workforce is barely getting by.” *The Seattle Times* posting 27 July: online text accessed 1/7/2014 (seattletimes.com).
- Allison, Peter A., Haruyoshi Maeda, Taqumi Tuzino, & Yoko Maeda.** 2008. “Exceptional Preservation Within Pleistocene Lacustrine Sediments of Shiobara, Japan.” *Palaios* **23** (April): 260-266.
- Allister, John.** 2010. “The Amalekite Genocide.” Church Society (England) *Churchman* **124** (3): 217-226.
- Allman, Elizabeth S., & John A. Rhodes.** 2010. “Trees, Fast and Accurate.” *Science* **327** (12 March): 1334-1335.
- Allman, John M., Karl K. Watson, Nicole A. Tetreault, & Atiya Y. Hakeem.** 2005. “Intuition and autism: a possible role for Von Economo neurons.” *Trends in Cognitive Sciences* **9** (August): 367-373.
- Allmon, Warren D.** 2009. “The ‘God Spectrum’ and the Uneven Search for a Consistent View of the Natural World,” in Schneiderman & Allmon (2009, 180-239).
- . 2011. “Why Don’t People Think Evolution Is True? Implications for Teaching, In and Out of the Classroom.” *Evolution: Education & Outreach* **4** (December): 648-665.
- Allmon, Warren, Stephen Hamilton, Charles F. Aquadro, Robert W. Balluffi, William E. Bernis, Ross Brann, Anthony Bretscher, John Bunge, Joseph A. Burns, John L. Cisne, John E. Coleman, James M. Cordes, Sheila Ann Dean, Lou Derry, Howard Evans, John W. Fitzpatrick, Cole Gilbert, Charles H. Greene, Nelson G. Hairston Jr., Richard Harrison, Stephen Hilgartner, Theresa E. Jordan, Robert Kay, Kenneth K. R. Kennedy, W. Lee Kraus, Aaron Levy, James K. Liebherr, Irby J. Lovette, Peter L. Marks, Amy McCune, Andrew J. Pershing, Jason Phipps Morgan, Trevor Pinch, Linda S. Rayor, Nerissa Russell, David J. Schuller, David Shalloway, Yervant Terzian, William M. Trochim, Charles Wolcott, William White, & Mariana F. Wolfner.** 2005. “Cornell University and Paleontological Institution Statement on Kitzmiller *et al.*, v. Dover Area School District.” *Paleontological Research Institution* 21 December posting (online text at www.priweb.org accessed 2/21/2006).
- Allmon, Warren D., & Margaret M. Yacobucci,** eds. 2016. *Species and Speciation in the Fossil Record*. Chicago: University of Chicago Press.
- Allwood, Abigail C.** 2016. “Evidence of life in Earth’s oldest rocks.” *Nature* **537** (22 September): 500-501.
- Allwood, Abigail C., John P. Grotzinger, Andrew H. Knoll, Ian W. Burch, Mark S. Anderson, Max L. Coleman, & Isik Kanik.** 2009. “Controls on development and diversity of Early Archean stromatolites.” *Proceedings of the National Academy of Sciences* **106** (16 June): 9548-9555.
- Allwood, Abigail C., Malcolm R. Walter, Ian W. Burch, & Balz S. Kamber.** 2007. “3.43 billion-year-old stromatolite reef from the Pilbara Craton of Western Australia: Ecosystem-scale insights to early life on Earth.” *Precambrian Research* **158** (5 October): 198-227.
- Allwood, Abigail C., Malcolm R. Walter, Balz S. Kamber, Craig P. Marshall, & Ian W.**

- Burch.** 2006. “Stromatolite reef from the Early Archaean era of Australia.” *Nature* **441** (8 June): 714-718.
- Almada, Albert E., Xuebing Wu, Andrea J. Kriz, Christopher B. Burge, & Phillip A. Sharp.** 2013. “Promoter directionality is controlled by U1 snRNP and polyadenylation signals.” *Nature* **499** (18 July): 360-363.
- Al Mamun, Mohammed, Luca Albergante, Alberto Moreno, James T. Carrington, J. Julian Blow, & Timothy J. Newman.** 2016. “Inevitability and containment of replication errors for eukaryotic genome lengths spanning megabase to gigabase.” *Proceedings of the National Academy of Sciences* **113** (27 September): E5765-E7774.
- Almås, Ingvild, Alexander W. Cappelen, Erik Ø. Sørensen, & Bertil Tungodden.** 2010. “Fairness and the Development of Inequality Acceptance.” *Science* **328** (28 May): 1176-1178.
- Almécija, Sergio.** 2016. “Pitfalls reconstructing the last common ancestor of chimpanzees and humans.” *Proceedings of the National Academy of Sciences* **113** (23 February): E943-E944.
- Almécija, Sergio, Salvador Moyà-Solà, & David M. Alba.** 2010. “Early Origin for Human-Like Precision Grasping: A Comparative Study of Pollical Distal Phalanges in Fossil Hominins.” *PLoS ONE* (online @ plosone.org) **5** (July): e11727.
- Almécija, Sergio, Jeroen B. Smaers, & William L. Jungers.** 2015. “The evolution of human and ape hand proportions.” *Nature Communications* (online @ nature.com) **6** (14 July): 7717.
- Almécija, Sergio, Melissa Tallman, David M. Alba, Marta Pina, Salvador Moyà-Solà, & William L. Jungers.** 2013. “The femur of *Orrorin tugenensis* exhibits morphometric affinities with both Miocene apes and later hominins.” *Nature Communications* (online @ nature.com) **4** (3 December): 2888.
- Almécija, Sergio, Ian J. Wallace, Stefan Judex, David M. Alba, & Salvador Moyà-Solà.** 2015. “Comment on ‘Human-like hand use in *Australopithecus africanus*’.” *Science* **348** (5 June): 1101.
- Almeida, Francisca C., Norberto P. Giannini, Rob DeSalle, & Nancy B. Simmons.** 2011. “Evolutionary relationships of the old world fruit bats (Chiroptera, Pteropodidae): Another star phylogeny?” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (30 September): 28.
- Almeida, Jorge, Bradford Z. Mahon, Ken Nakayama, & Alfonso Caramazza.** 2008. “Unconscious processing dissociates along categorical lines.” *Proceedings of the National Academy of Sciences* **105** (30 September): 15214-15218.
- Almoammer, Ahanouf, Jessica Sullivan, Chris Donlan, Franc Marušič, Rok Žaucer, Timothy O’Donnell, & David Barner.** 2013. “Grammatical morphology as a source of early number word meanings.” *Proceedings of the National Academy of Sciences* **110** (12 November): 18448-18453.
- Alon, Shahar, Sandra C. Garrett, Erez Y. Levanon, Sara Olson, Brenton R. Graveley, Joshua J. C. Rosenthal, & Eli Eisenberg.** 2015. “The majority of transcripts in the squid nervous system are extensively recoded by A-to-I RNA editing.” *eLife* (online @ elifesciences.org) **4** (8 January): e05198.
- Alonso, Patricio Dominguez, Angela C. Milner, Richard A. Ketcham, M. John Cookson, & Timothy B. Rowe.** 2004. “The avian nature of the brain and inner ear of *Archaeopteryx*.” *Nature* **430** (5 August): 666-669.
- Alonso, Santos, & John A. L. Armour.** 2001. “A highly variable segment of human subterminal 16p reveals a history of population growth for modern humans outside Africa.” *Proceedings of the National Academy of Sciences* **98** (30 January): 864-869.
- Alonso, Wladimir J., & Cynthia Schuck-Paim.** 2002. “Sex-ratio conflicts, kin selection, and the evolution of altruism.” *Proceedings of the National Academy of Sciences* **99** (14 May): 6843-6847.
- Alonzo, Suzanne H.** 2015. “An unexpected cost of sex.” *Science* **347** (27 February): 948-949.
- Alonzo-Muruaga, Pablo, Luis Alberto Buatois, Maria Gabriela Mángano, & Oscar**

- Limarino.** 2012. "Ichnology of the Late Paleozoic Paganzo and Calingasa-Uspallata basins of western Argentina," in Netto *et al.* (2012, 69-81).
- Alossa, Nicoletta, & Lorys Castelli.** 2009. "Amusia and Musical Functioning." *European Neurology* **61** (April): 269-277.
- Alout, H., & M. Weill.** 2008. "Amino-acid substitutions in acetylcholinesterase 1 involved in insecticide resistance in mosquitoes." *Chemico-Biological Interactions* **175** (25 September): 138-141.
- Alpedrinha, João, Stuart A. Wise, & Andy Gardner.** 2013. "Haplodiploidy and the Evolution of Eusociality: Worker Reproduction." *The American Naturalist* **182** (October): 421-438.
- Alper, Matthew.** 1996. *The "God" Part of the Brain: A Scientific Interpretation of Human Spirituality and God.* 2008 pb ed. Naperville, IL: Sourcebooks, Inc.
- Alperin, Marc, & Tori Hoehler.** 2010. "The Ongoing Mystery of Sea-Floor Methane." *Science* **329** (16 July): 288-289.
- Alpers, Ben.** 2011. "How Did 'Exceptionalism' Become a Conservative Shibboleth?" *U.S. Intellectual History* 7 February posting (online text at us-intellectual-history.blogspot.com accessed 2/10/2011).
- Alperson-Afil, Nira, Daniel Richter, & Naama Goren-Inbar.** 2007. "Phantom Hearths and the Use of Fire at Gesher Benot Ya' Aqov, Israel." *PaleoAnthropology* **2007**: 1-15.
- Alperson-Afil, Nira, Gonen Sharon, Mordechai Kislev, Yoel Melamed, Irit Zohar, Shosh Ashkenazi, Rivka Rabinovich, Rebecca Biton, Ella Werker, Gideon Hartman, Craig Feibel, & Naama Goren-Inbar.** 2009. "Spatial Organization of Hominin Activities at Gesher Benot Ya' aqov, Israel." *Science* **326** (18 December): 1677-1680.
- Alpha Omega Institute.** 2012. "Traveling Exhibit of Deception." *Discover Creation Blog* 4 April posting (online text at discovercreation.org accessed 6/5/2014).
- Alport, Laura J.** 2004. "Comparative Analysis of the Role of Olfaction and the Neocortex in Primate Intrasexual Competition." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1182-1189.
- Al Rawi, Sara, Sophie Louvet-Vallée, Abderazak Djeddi, Martin Sachse, Emmanuel Culetto, Connie Hajjar, Lynn Boyd, Renaud Legouis, & Vincent Galy.** 2011. "Postfertilization Autophagy of Sperm Organelles Prevents Paternal Mitochondrial DNA Transmission." *Science* **334** (25 November): 1144-1147.
- Alroy, John.** 2001. "A Multispecies Overkill Simulation of the End-Pleistocene Megafaunal Mass Extinction." *Science* **292** (8 June): 1893-1896.
- . 2010. "The Shifting Balance of Diversity Among Major Marine Animal Groups." *Science* **329** (3 September): 1191-1194.
- . 2015. "Current extinction rates of reptiles and amphibians." *Proceedings of the National Academy of Sciences* **112** (20 October): 13003-13008.
- . 2016. "Reply to Solow: Sense and nonsense in the choice of extinction priors." *Proceedings of the National Academy of Sciences* **113** (1 March): E1133.
- Alroy, J., C. R. Marshall, R. K. Bambach, K. Bezusko, M. Foote, F. T. Fürsich, T. A. Hansen, S. M. Holland, L. C. Ivany, D. Jablonski, D. K. Jacobs, D. C. Jones, M. A. Kosnik, S. Lidgard, S. Low, A. I. Miller, P. M. Novack-Gottshall, T. D. Olszewski, M. E. Patzkowsky, D. M. Raup, K. Roy, J. J. Sepkoski Jr., M. G. Sommers, P. J. Wagner, & A. Webber.** 2001. "Effects of sampling standardization on estimates of Phanerozoic marine diversification." *Proceedings of the National Academy of Sciences* **98** (22 May): 6261-6266.
- Alschuler, Albert W.** 2005a. "The Dover Intelligent Design Decision, Part I: Of Motive, Effect, and History." *The University of Chicago Law School Faculty Blog* 21 December posting (online text at uchicagolaw.typepad.com accessed 10/15/2013).
- . 2005b. "The Dover Intelligent Design Decision, Part II: Of Science and Religion." *The University of Chicago Law School Faculty Blog* 23 December posting (online text at uchicagolaw.typepad.com accessed 10/15/2013).
- . 2009. "From Blackstone to Holmes: The Revolt Against Natural Law." *Pepperdine Law Review* **36** (5): 491-505.

- Alshudaifat, Wasfi Amin.** 2009. "All swimming in an orbit." *Quran & Science* posting (online text at www.quranandscience.com accessed 2/10/2011).
- Alsip, Mark.** 2016. "Under Kentucky Skies." *Reports of the National Center for Science Education* **36** (Fall): 5-7.
- Alston, John P.** 2001. "Creationism in the Comics." *Reports of the National Center for Science Education* **21** (September-December): 41-43.
- Alström, Per.** 2006. "Species concepts and their application: insights from the genera *Seicercus* and *Phylloscopus*." *Current Zoology (AKA Acta Zoologica Sinica)* **52** (Supplement): 429-434.
- Alt, David D., & Donald W. Hydman.** 1973. *Rocks, Ice & Water: The Geology of Waterton-Glacier Park*. Missoula, MT: Mountain Press Publishing Co.
- . 1984. *Roadside Geology of Washington*. Missoula, MT: Mountain Press Publishing Co.
- Alta Loma Christian School.** 2011. "Curriculum Chart." *Alta Loma Christian School* posting (online text at alchristian.com accessed 3/26/2014).
- Altamirano, Myrium M., Jonathan M. Blackburn, Cristina Aguayo, & Alan R. Fersht.** 2000. "Directed evolution of new catalytic activity using the α/β -barrel scaffold." *Nature* **403** (10 February): 617-622.
- Altegoer, Florian, Stefan A. Rensing, & Gert Bange.** 2016. "Structural basis for the CsrA-dependent modulation of translation initiation by an ancient regulatory protein." *Proceedings of the National Academy of Sciences* **113** (6 September): 10168-10173.
- Altenberg, Lee, Uri Liberman, & Marcus W. Feldman.** 2017. "Unified reduction principle for the evolution of mutation, migration, and recombination." *Proceedings of the National Academy of Sciences* **114** (21 March): E2392-E2400.
- Altenburger, Andreas, Andreas Wanninger, & Lars E. Holmer.** 2013. "Metamorphosis in Craniiformea revisited: *Novocrania anomala* shows delayed development of the ventral valve." *Zoomorphology* **132** (December): 379-387.
- Altermann, Wladyslaw.** 2008. "Accretion, Trapping and Binding of Sediment in Archean Stromatolites—Morphological Expression of the Antiquity of Life." *Space Science Reviews* **135** (March): 55-79.
- Altermann, Wladyslaw, & Józef Kazmierczak.** 2003. "Archean microfossils: a reappraisal of early life on Earth." *Research in Microbiology* **154** (November): 611-617.
- Alters, Brian.** 1995. "A Content Analysis of the Institute for Creation Research's Institute on Scientific Creationism." *Creation/Evolution* **15** (Winter): 1-15.
- . 1999. "What Is Creationism?" *The American Biology Teacher* **61** (February): 103-106.
- . 2006. "'Ties' to Canada." *Reports of the National Center for Science Education* **26** (January-April): 51-52.
- . 2010. "Apprehension and Pedagogy in Evolution Education." *Evolution: Education & Outreach* **3** (June): 231-235.
- Alters, Brian J., & Sandra M. Alters.** 2001. *Defending Evolution in the Classroom: A guide to the creation/evolution controversy*. Sudbury, MA: Jones and Bartlett Publishers.
- Alters, Brian J., & Craig E. Nelson.** 2002. "Teaching Evolution in Higher Education." *Evolution* **56** (October): 1891-1901.
- Altevogt, John D.** 1999a. "Hugh Hasn't a Clue." *The Kansas City Star* (7 September) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 7/18/2001).
- . 1999b. "From the Start, the Fix was In." *The Kansas City Star* (28 December) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 7/18/2001).
- . 2000. "The Theory of Evolution." *Answers in Genesis* Guest Column for 17 January (online text at www.answersingenesis.org accessed 11/25/2013).
- Althoff, David M., Kari A. Segraves, Christopher I. Smith, James Leebens-Mack, & Olle Pellmyr.** 2012. "Geographic isolation trumps coevolution as a driver of yucca and yucca moth diversification." *Molecular Phylogenetics and Evolution* **62** (March): 898-906.
- Altholz, Josef L.** 1982. "The Mind of Victorian Orthodoxy: Anglican Responses to 'Essays and Reviews,' 1860-1864." *Church History* **51** (June): 186-197.
- Altieri, Andrew H., Seamus B. Harrison, Janina Seemann, Rachel Collin, Robert J. Diaz, &**

- Nancy Knowlton.** 2017. “Tropical dead zones and mass mortalities on coral reefs.” *Proceedings of the National Academy of Sciences* **114** (4 April): 3660-3665.
- Altimari, Daniela.** 2010. “Haddam School Board Member Rejects Evolution.” *Hartford Courant* (Connecticut) posting 15 March: online text accessed 3/20/2010 (www.courant.com).
- Altman, Michael J.** 2011a. “GOP Hopeful Herman Cain: Jesus was ‘The Perfect Conservative’.” *Religion Dispatches* 20 January posting (online text at religiondispatches.org accessed 1/22/2011).
- . 2011b. “Tea Party Needs a History Lesson on Islam in America.” *Religion Dispatches* 10 February posting (online text at religiondispatches.org accessed 2/11/2011).
- . 2011c. “Breivik’s Religious Pluralist Vision: A COEXIST Bumper Sticker Without the Crescent.” *Religion Dispatches* 28 July posting (online text at religiondispatches.org accessed 7/31/2011).
- Altman, Neil, & David Crowder.** 2003. “Talmud confirms an early Gospel of Matthew.” *Toronto Star* posting 13 December: online text accessed 1/7/2004 (www.thestar.com).
- Altman, Sidney.** 2011. “Ribonuclease P.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (October): 2936-2941.
- Altner, Melanie, & Bettina Reichenbacher.** 2015. “†Kenyaichthyidae fam. nov. and †Kenyaichthys gen. nov.—First Record of a Fossil Aplocheiloid Killifish (Teleostei, Cyprinodontiformes).” *PLoS ONE* (online @ plosone.org) **10** (April): e0123056.
- Altshuler, David, Mark J. Daly, & Eric S. Lander.** 2008. “Genetic Mapping in Human Disease.” *Science* **322** (7 November): 881-888.
- Altshuler, Douglas L., & Christopher James Clark.** 2003. “Darwin’s Hummingbirds.” *Science* **300** (25 April): 588-589.
- Altwegg, Kathrin, Hans Balsiger, Akiva Bar-Nun, Jean-Jacques Berthelier, Andrew Bieler, Peter Bochler, Christelle Briols, Ursina Calmonte, Michael R. Combi, Hervé Cottin, Johan De Keyser, Frederik Dhooghe, Bjorn Fiethe, Stephen A. Fuselier, Sébastien Gasc, Tamas I. Gombosi, Kenneth C. Hansen, Myrtha Haessig, Annette Jäckel, Ernest Kopp, Axel Korth, Lena Le Roy, Urs Mall, Bernard Marty, Olivier Mousis, Tobias Owen, Henri Rème, Martin Rubin, Thierry Sémon, Chia-Yu Tzou, James Hunter Waite, & Peter Wurz.** 2016. “Prebiotic chemicals—amino acid and phosphorus—in the coma of comet 67P/Churyumov-Gerasimenko.” *Science Advances* **2** (27 May): e1600285 (online at sciencemag.org).
- Al-Ubaydli, Omar, Uri Gneezy, Min Sok Lee, & John A. List.** 2010. “Towards an understanding of the relative strengths of positive and negative reciprocity.” *Judgment and Decision Making* **5** (December): 524-539.
- Alva, Vikram, Johannes Söding, & Andrei N. Lupas.** 2015. “A vocabulary of ancient peptides at the origin of folded proteins.” *eLife* (online @ elifesciences.org) **4** (14 December): e09410.
- Alvare, Helen M., & Kim Daniels.** 2012. “Here We Are.” *National Review Online* (21 February): online text accessed 4/13/2014 (www.nationalreview.com).
- Alvarez, Alex.** 2012. “Brian Kilmeade Asks Real Clear Science Editor About ‘The Whole Global Warming Scam’.” *Mediaite* 10 October posting (online text at www.mediaite.com accessed 2/11/2013).
- Alvarez-Buylla, Elena R., Soraya Pelaz, Sarah J. Liljegren, Scott E. Gold, Caroline Burgeff, Gary S. Ditta, Lluís Ribas de Pouplana, León Martínez-Castilla, & Martin F. Yanofsky.** 2000. “An ancestral MADS-box gene duplication occurred before the divergence of plants and animals.” *Proceedings of the National Academy of Sciences* **97** (9 May): 5328-5333.
- Álvarez-Lario, Bonifacio, & Jesús Macarrón-Vicente.** 2010. “Uric acid and evolution.” *Rheumatology* **49** (November): 2010-2015.
- Alvarez-Ponce, David, Philippe Lopez, Eric Bapteste, & James O. McInerney.** 2013. “Gene similarity networks provide tools for understanding eukaryote origins and evolution.” *Proceedings of the National Academy of Sciences* **110** (23 April): E1594-E1603.

- Alvarez-Solas, Jorge, & Gilles Ramstein.** 2011. “On the triggering mechanism of Heinrich events.” *Proceedings of the National Academy of Sciences* **108** (13 December): E1359-E1360.
- Alva-Valdivia, L. M., A. Goguitchaichvili, & J. Urrutia-Fucugauchi.** 2003. “Petro-magnetic properties in the Naica mining district, Chihuahua, Mexico: Searching for source of mineralization.” *Earth Planets Space* **55** (January): 19-31.
- Alwmark, Carl, & Birger Schmitz.** 2009. “The origin of the Brunflo fossil meteorite and extraterrestrial chromite in mid-Ordovician limestone from the Gärde quarry (Jämtland, central Sweden).” *Meteoritics & Planetary Science* **44** (January): 95-106.
- Amabilino, David B.** 2009. “How Deformation Can Lend a Hand to Molecular Ordering.” *Science* **325** (24 July): 402-403.
- Amadio, Jordan P., & Christopher A. Walsh.** 2006. “Brain Evolution and Uniqueness in the Human Genome.” *Cell* **126** (22 September): 1033-1035.
- Amador, Guillermo J., Marguerite Matherne, D’Andre Waller, Megha Mathews, Stanislav N. Gorb, & David L. Hu.** 2017. “Honey bee hairs and pollenkitt are essential for pollen capture and removal.” *Bioinspiration & Biomimetics* (online @ iopscience.iop.org) **12** (23 March): 026015.
- Amalric, Marie, & Stanislas Dehaene.** 2016. “Origins of the brain networks for advanced mathematics in expert mathematicians.” *Proceedings of the National Academy of Sciences* **113** (3 May): 4909-4917.
- Aman, John.** 2010. “Sorry, Mr. President: Socialism’s not in the Bible.” *OneNewsNow* posting 22 May (online text at onenewsnow.com accessed 5/26/2010).
- Aman, Joseph W., Julita S. Imperial, Beatrix Ueberheide, Mino_min Zhang, Manuel Aguilar, Dylan Taylor, Maren Watkins, Doju Yoshikami, Patrice Showers-Corneli, Helena Safavi-Hemami, Jason Biggs, Russell W. Teichert, & Baldomero M. Olivera.** 2015. “Insights into the origins of fish hunting in venomous cone snails from studies of *Comus tessulatus*.” *Proceedings of the National Academy of Sciences* **112** (21 April): 5087-5092.
- Amaral, Luis A. Nunes.** 2008. “A truer measure of our ignorance.” *Proceedings of the National Academy of Sciences* **105** (13 May): 6829-6833.
- Amaral, Paulo P., Marcel E. Dinger, & John S. Mattick.** 2013. “Non-coding RNAs in homeostasis, disease and stress responses: an evolutionary perspective.” *Briefings in Functional Genomics* **12** (May): 254-278.
- Amaral, Paulo P., Marcel E. Dinger, Tim R. Mercer, & John S. Mattick.** 2008. “The Eukaryotic Genome as an RNA Machine.” *Science* **319** (28 March): 1787-1789.
- Amato, Marcos A., Emilie Arnault, & Muriel Perron.** 2004. “Retinal stem cells in vertebrates: parallels and divergences.” *International Journal of Developmental Biology* **48** (8/9): 993-1001.
- Amato, Paul R.** 2012. “The well-being of children with gay and lesbian parents.” *Social Science Research* **41** (July): 771-774.
- Amazing Facts.* 1994a. “Is there anything LEFT You Can Trust?” *Seventh Day Adventist Study Guide* Number 1.
- . 1994b. “What you don’t KNOW Will Hurt You.” *Seventh Day Adventist Study Guide* Number 2.
- . 1994c. “YOU are Responsible!” *Seventh Day Adventist Study Guide* Number 6.
- . 1996a. “Antichrist is ALIVE Today.” *Seventh Day Adventist Study Guide* Number 15.
- . 1996b. “God Drew the Players.” *Seventh Day Adventist Study Guide* Number 17.
- Amazon.com.* 2014. “Darwin’s Doubt: The Explosive Origin of Animal Life and the Case for Intelligent Design.” *Customer Reviews* (online text at www.amazon.com/review/ accessed 8/21/2014).
- Ambler, Marc.** 2005. “Herero genocide.” *Answers in Genesis Creation* **27** (June): 52-55.
- Ambrose, Jeffrey R.** 2005. “INTELLIGENT DESIGN—A Telling Debate.” *The Real Truth* November-December posting (online text at www.realtruth.org accessed 12/18/2007).
- Ambrose, Stanley H.** 2001. “Paleolithic Technology and Human Evolution.” *Science* **291** (2

- March): 1748-1753.
- Amelin, Yuri.** 2005. "Meteorite Phosphates Show Constant ^{176}Lu Decay Rate Since 4557 Million Years Ago." *Science* **310** (4 November): 839-841.
- Amelin, Y. J. Connelly, R. E. Zartman, J. H. Chen, C. Göpel, & L. A. Neymark.** 2009. "Modern U-Pb chronometry of meteorites: Advancing to higher time resolution reveals new problems." *Geochimica et Cosmochimica Acta* **73** (1 September): 5212-5223.
- Amelin, Yuri, & Trevor R. Ireland.** 2013. "Dating the Oldest Rocks and Minerals in the Solar System." *Elements* **9** (February): 39-44.
- Amelin, Yuri, Angela Kaltenbach, Tsuyoshi Iizuka, Claudine H. Stirling, Trevor R. Ireland, Michail Petaev, & Stein B. Jacobsen.** 2010. "U-Pb chronology of the Solar System's oldest solids with variable $^{238}\text{U}/^{235}\text{U}$." *Earth and Planetary Science Letters* **300** (1 December): 343-350.
- Amelin, Yuri, & Alexander Krot.** 2007. "Pb isotopic age of the Allende chondrules." *Meteoritics & Planetary Science* **42** (August): 1321-1335.
- Amelin, Yuri, Alexander N. Krot, Ian D. Hutcheon, & Alexander A. Ulyanov.** 2002. "Lead Isotopic Ages of Chondrules and Calcium-Aluminum-Rich Inclusions." *Science* **310** (6 September): 1678-1683.
- Amelin, Yuri, & Ethan Rotenberg.** 2004. "Sm-Nd systematics of chondrites." *Earth and Planetary Science Letters* **223** (15 July): 267-282.
- Amelin, Y., M. Wadhwa, & G.W. Lugmair.** 2006. "Pb- isotopic dating of meteorites using ^{202}Pb - ^{205}Pb double spike: Comparison with other high-resolution chronometers." *Proceedings of the Lunar and Planetary Science Conferences* **37**: abstract 1970.
- Amelin, Yuri, Josh Wimpenny, & Qing-Zhu Yin.** 2011. "Angrite Lu-Hf whole rock data provide no direct support to accelerated decay of ^{176}Lu by supernova irradiation." Lunar and Planetary Institute posting of *Formation of the First Solids in the Solar System* paper 9014 (online pdf at www.lpi.usra.edu accessed 4/28/2015).
- Amemiya, Chris T., Jessica Alföldi, Alison P. Lee, Shaohua Fan, Hervé Philippe, Iain MacCallum, Ingo Braasch, Tereza Manousaki, Igor Schneider, Nicolas Rohner, Chris Organ, Domitille Chalopin, Jeramiah J. Smith, Mark Robinson, Rosemary A. Dorrington, Marco Gerdol, Bronwen Aken, Maria Assunta Biscotti, Marco Barucca, Denis Baurain, Aaron M. Berlin, Gregory L. Blatch, Francesco Buonocore, Thorsten Burmester, Michael S. Campbell, Adriana Canapa, John P. Cannon, Alan Christoffels, Gianluca De Moro, Adrienne L. Edkins, Lin Fan, Anna Maria Fausto, Nathalie Feiner, Mariko Forconi, Junaid Gamiieldien, Sante Gnerre, Andreas Gnirke, Jared V. Goldstone, Wilfried Haerty, Mark E. Hahn, Uljana Hesse, Steve Hoffmann, Jeremy Johnson, Sibel I. Karchner, Shigehiro Kuraku, Marcia Lara, Joshua Z. Levin, Gary W. Litman, Evan Mauceli, Tsutomu Miyake, M. Gail Mueller, David R. Nelson, Anne Nitsche, Ettore Olmo, Tatsuya Ota, Alberto Pallavicini, Sumir Panji, Barbara Picone, Chris P. Ponting, Sonja J. Prohaska, Dariusz Przybylski, Nil Ratan Saha, Vydiathanan Ravi, Filipe J. Ribeiro, Tatjana Sauka-Spengler, Giuseppe Scapigliati, Stephen M. J. Searle, Ted Sharpe, Oleg Simakov, Peter F. Stadler, John J. Stegeman, Kenta Sumiyama, Diana Tabbaa, Hakim Tafer, Jason Turner-Maier, Peter van Heusden, Simon White, Louise Williams, Mark Yandell, Henner Brinkmann, Jean-Nicolas Volff, Clifford J. Tabin, Neil Shubin, Manfred Schartl, David B. Jaffe, John H. Postlethwait, Byrappa Venkatesh, Federica Di Palma, Eric S. Lander, Axel Meyer, & Kerstin Lindblad-Toh.** 2013. "The African coelacanth genome provides insights into tetrapod evolution." *Nature* **496** (18 April): 311-316.
- Amemiya, Chris T., Thomas P. Powers, Sonja J. Prohaska, Jane Grimwood, Jeremy Schmutz, Mark Dickson, Tsutomu Miyake, Michael A. Schoenborn, Richard M. Myers, Francis H. Ruddle, & Peter F. Stadler.** 2010. "Complete HOX cluster characterization of the coelacanth provides further evidence for slow evolution of its genome." *Proceedings of the National Academy of Sciences* **107** (23 February): 3622-3627.
- Ament, Seth A., Charles A. Blatti, Cedric Alaux, Marsha M. Wheeler, Amy L. Toth, Yves Le Conte, Greg J. Hunt, Ernesto Guzmán-Novoa, Gloria DeGrandi-Hoffman, Jose Luis**

- Uribe-Rubio, Gro V. Amdam, Robert E. Page Jr., Sandra L. Rodriguez-Zas, Gene E. Robinson, & Saurabh Sinha.** 2012. “New meta-analysis tools reveal common transcriptional regulatory basis for multiple determinants of behavior.” *Proceedings of the National Academy of Sciences* **109** (26 June): E1801-E1810.
- Amer, Sayed A. M., & Yoshinori Kumazawa.** 2005. “Mitochondrial genome of *Pogona vitticeps* (Reptilia; Agamidae): control region duplication and the origin of the Australasian agamids.” *Gene* **346** (14 February): 249-256.
- American Academy of Religion.* 2010. “Guidelines for Teaching About Religion in K-12 Public Schools in the United States,” April posting (online pdf at aarweb.org accessed 8/1/2010).
- American Atheists.* 2000. “Biblical Contradictions.” *American Atheists* undated posting (online text at atheists.org accessed 6/10/2001, not available as of 10/28/2014).
- . 2014. “Atheists Decry Punishment of PA Teen for ‘Desecration’.” *American Atheists* 3 October posting (online text at news.atheists.org accessed 10/3/2014).
- American Atheists, Dennis Horvitz, Kenneth Bronstein, Mark Panzarino, & Jane Everhart.** 2011. Untitled plaintiff brief to Supreme Court of the State of New York re World Trade Center Memorial (online pdf via www.atheists.org accessed 8/15/2011).
- American Bar Association.* 2014. “Greece, NY v. Galloway.” *American Bar Association* posting (online text at www.americanbar.org accessed 4/10/2014).
- American Bible Society.* 2014a. “The Most (and Least) Bible-Minded Cities in America.” *American Bible Society* posting (online text at www.americanbible.org accessed 1/28/2014).
- . 2014b. “The State of the Bible 2014.” *American Bible Society* posting (online pdf at www.americanbible.org accessed 4/24/2014).
- American Center for Law and Justice.* 1999a. “Current Case—Complaint 990601.” *ACLJ* 1 June Minnesota State Court filing posting (online text at aclj.org accessed 7/25/2000).
- . 1999b. “Biology Teacher Removed Due to Religious Beliefs.” *ACLJ* 1 June press release posting (online text at aclj.org accessed 7/25/2000).
- . 2000. “ACLJ Files Appeal in Case of Minnesota Biology Teacher Removed for Criticizing Darwin.” *ACLJ* 24 July press release posting (online text at aclj.org accessed 7/25/2000).
- . 2001. “Information Letter: Creationism v. Evolution in Science Curricula.” *ACLJ* posting (online text at aclj.org accessed 5/22/2002).
- . 2002. “CA School Islam Letter.” *ACLJ* posting (online text at aclj.org accessed 1/29/2002, not available as of 10/26/2014).
- . 2003. “Information Letter: Creationism v. Evolution in Science Curricula.” *ACLJ* posting (online text at aclj.org accessed 7/25/2003).
- . 2004. “Guidelines on Religious Activities in Public Schools Issued by the United States Department of Education.” *ACLJ* 14 November posting (online text at aclj.org accessed 8/15/2012).
- . 2010. “Call for Immediate Investigation of Terror-Related Muslims Meeting in our U.S. Capitol!” *ACLJ* petition posting 11 November (online text at aclj.org accessed 11/15/2010).
- . 2012a. “Life threatening mandate.” *ACLJ* email 24 August (online text via aclj.org accessed 8/24/2012).
- . 2012b. “Victory: Pastor Youcef Nadarkhani Freed!” *ACLJ* 12 September posting (online text via aclj.org accessed 9/12/2012).
- . 2013a. “Protect Religious Freedom in the Military.” *ACLJ* posting (online text via aclj.org accessed 5/3/2013).
- . 2013b. “Committee to Protect Holocaust Memorial & Star of David.” *ACLJ* petition posting (online text via aclj.org accessed 7/25/2013).
- . 2013c. “Defend Egypt’s Christians: Defeat the Muslim Brotherhood.” *ACLJ* petition posting (online text via aclj.org accessed 8/20/2013).
- . 2013d. “Evolution Curriculum in Public Schools.” *ACLJ* undated posting (online text at aclj.org accessed 2/3/2014).
- . 2013e. “School Prayer Full Memos.” *ACLJ* posting (online pdf via media.aclj.org

- accessed 3/31/2014).
- . 2014a. “Petition to Protect the Religious Liberty of Our Brave Service Members.” *ACLJ* petition posting (online text via *aclj.org* accessed 4/1/2014).
 - . 2014b. “Uphold the Law: No Deals With Jihadists.” *ACLJ* petition posting (online text via *aclj.org* accessed 7/3/2014).
 - . 2015a. “Terror struck.” *ACLJ* email 10 January (online text via *aclj.org* accessed 1/10/2015).
 - . 2015b. “Bully.” *ACLJ* email 7 March (online text via *aclj.org* accessed 3/7/2015).
 - . 2015c. “More Christians slaughtered.” *ACLJ* email 4 April (online text via *aclj.org* accessed 4/4/2015).
 - . 2015d. “Defend Christians in the Military from Anti-Christian Attacks.” *ACLJ* May petition posting (online text via *aclj.org* accessed 5/26/2015).
 - . 2015e. “Egregious attack.” *ACLJ* email 27 June (online text via *aclj.org* accessed 6/27/2015).
 - . 2015f. “Slavery & Extinction.” *American Center for Law and Justice* email posting 22 August (online text via *aclj.org* accessed 8/24/2015).
 - . 2015g. “It’s happening.” *American Center for Law and Justice* email posting 29 August (online text via *aclj.org* accessed 9/4/2015).
 - . 2015h. “Shocking.” *American Center for Law and Justice* email posting 19 September (online text via *aclj.org* accessed 10/2/2015).
 - . 2015i. “Stop Islamic Indoctrination in School.” *American Center for Law and Justice* May petition updated signatory posting (online text via *aclj.org* accessed 10/2/2015).
 - . 2015j. “World on Fire.” *American Center for Law and Justice* email posting 3 October (online text via *aclj.org* accessed 10/3/2015).
 - . 2015k. “Destroy ISIS. Protect Christians.” *American Center for Law and Justice* October petition updated signatory posting (online text via *aclj.org* accessed 10/6/2015).
 - . 2015l. “Reign of Terror.” *American Center for Law and Justice* email posting 17 October (online text via *aclj.org* accessed 10/17/2015).
 - . 2015m. “Blowing up.” *American Center for Law and Justice* email posting 7 November (online text via *aclj.org* accessed 11/7/2015).
 - . 2015n. “Unspeakable.” *American Center for Law and Justice* email posting 5 December (online text via *aclj.org* accessed 12/5/2015).
 - . 2015o. “Defend a Christian Woman Court Martialed for Her Faith.” *American Center for Law and Justice* December petition posting (online text via *aclj.org* accessed 12/18/2015).
 - . 2016a. “Burned alive.” *American Center for Law and Justice* email posting 9 January (online text via *aclj.org* accessed 1/9/2016).
 - . 2016b. “Unfathomable.” *American Center for Law and Justice* email posting 16 January (online text via *aclj.org* accessed 1/18/2016).
 - . 2016c. “Obama’s Change.” *American Center for Law and Justice* email posting 20 February (online text via *aclj.org* accessed 2/20/2016).
 - . 2016d. “Deserting Christians.” *American Center for Law and Justice* email posting 12 March (online text via *aclj.org* accessed 3/12/2016).
 - . 2016e. “Unfathomable.” *American Center for Law and Justice* email posting 23 April (online text via *aclj.org* accessed 4/23/2016).
 - . 2016f. “Do We Still Trust?” *American Center for Law and Justice* email posting 11 June (online text via *aclj.org* accessed 6/12/2016).
 - . 2016g. “Jihad or Freedom.” *American Center for Law and Justice* email posting 18 June (online text via *aclj.org* accessed 6/18/2016).
 - . 2016h. “Destroy Them.” *American Center for Law and Justice* email posting 25 June (online text via *aclj.org* accessed 6/12/2016).
 - . 2016i. “Utterly Destroy.” *American Center for Law and Justice* email posting 16 July (online text via *aclj.org* accessed 7/20/2016).
 - . 2016j. “Winning.” *American Center for Law and Justice* email posting 3 December (online text via *aclj.org* accessed 12/3/2016).
 - . 2016k. “Near Extinction.” *American Center for Law and Justice* email posting 17

- December (online text via *aclj.org* accessed 12/17/2016).
- . 2017a. In Peril.“” *American Center for Law and Justice* email posting 28 February (online text via *aclj.org* accessed 2/28/2017).
- . 2017b. “The Shadow.” *American Center for Law and Justice* email posting 4 March (online text via *aclj.org* accessed 3/4/2017).
- . 2017c. “Spies & Lies.” *American Center for Law and Justice* email posting 8 April (online text via *aclj.org* accessed 4/13/2017).
- . 2017d. “Demand.” *American Center for Law and Justice* email posting 20 May (online text via *aclj.org* accessed 5/26/2017).
- . 2017e. “Leaker indicted.” *American Center for Law and Justice* email posting 17 June (online text via *aclj.org* accessed 6/17/2017).
- American Civil Liberties*. 2012. “Nonpreferentialism.” *American Civil Liberties* 8 October posting (online text at *uscivil liberties.org* accessed 4/10/2014).
- American Civil Liberties Union*. 1997. “Florida Citizens File Lawsuit Against Unconstitutional ‘Bible History’ Classes.” *ACLU* 9 December press release posting (online text at *www.aclu.org* accessed 7/31/2000, not available as of 2/3/2014).
- . 1998. “Washington State Teacher Told to Stick to Science.” *ACLU* 2 October posting (online text at *www.aclu.org* accessed 7/29/2002).
- . 2001. “Creationism, With New Name, Is Taught in Schools.” *ACLU* 7 May posting (online text at *www.aclu.org* accessed 8/23/2001).
- . 2009. “Pioneering Activist, Courageous Attorneys, Gutsy Student To Receive ACLU-WA Awards.” *ACLU* 9 November posting (online text at *www.aclu.org* accessed 5/26/2014).
- . 2014. “Lane v. Sabine Parish School Board.” *ACLU* 27 January posting (online text at *www.aclu.org* accessed 2/1/2014).
- American Federation for Children*. 2012. “Myth VS Reality.” *The Nation’s Voice for School Choice* undated posting (online text at *www.federationforchildren.org* accessed 4/12/2012).
- . 2015. “School Choice Survey Results.” *The Nation’s Voice for School Choice* Beck Research survey (14-18 January) posting (online pdf at *www.federationforchildren.org* accessed 3/9/2015).
- American Psychological Association*. 2008. *Sexual Orientation & Homosexuality: Answers to Your Questions For a Better Understanding* (online text at *www.apa.org* accessed 10/10/2012).
- American RadioWorks*. 2005. “Intelligent Designs on Evolution.” *American RadioWorks* posting (online text at *americanradioworks.publicradio.org* accessed 1/23/2014).
- American Society of Transplant Surgeons*. 2010. “National Transplant Medical Experts Insist Arizona Transplant Cuts are Based on Flawed Data.” *ASTS* posting (online text at *www.ast.org* accessed 12/21/2010).
- American Spectator*. 2006. “Tenure Denial As Revenge.” *The American Spectator* “Campus Scenes” 26 March letter by **Graduate Student X**: online text accessed 7/30/2014 (*spectator.org*).
- . 2014. “ID: Intelligent Debate.” *The American Spectator* Letters (March): online text accessed 2/19/2014 (*spectator.org*).
- American Vision*. 2008. “15 Reasons to Take Genesis As History.” *American Vision* 4 April posting by **Brandon** (online text at *americanvision.org* accessed 2/15/2011).
- Americans for Tax Reform*. 2011. “Save A Seat for Uncle Sam at the Thanksgiving Table!” *Americans for Tax Reform* website (online text at *www.atr.org* accessed 11/23/2011).
- Americans United*. 2000. “The Falwell Follies.” *Americans United for the Separation of Church and State Church and State* (May): online text accessed 1/24/2011 (*www.au.org*).
- . 2001. “What God Has Put Asunder.” *Americans United for the Separation of Church and State Church and State* (March): online text accessed 1/24/2011 (*www.au.org*).
- . 2004. “Onward, Christian Soldiers.” *Americans United for the Separation of Church and State Church and State* (January): online text accessed 1/20/2011 (*www.au.org*).
- . 2005a. “Religion on Trial.” *Americans United for the Separation of Church and State Church and State* (March): online text accessed 1/20/2011 (*www.au.org*).
- . 2005b. “Straighten Up And Fly Right?” *Americans United for the Separation of Church*

- and State *Church and State* (June): online text accessed 1/20/2011 (www.au.org).
- . 2005c. “Roger Williams: Soul Man.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/20/2011 (www.au.org).
- . 2005d. “Weird Science.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/20/2011 (www.au.org).
- . 2005e. “Robertson Redux.” Americans United for the Separation of Church and State *Church and State* (October): online text accessed 1/20/2011 (www.au.org).
- . 2006a. “The ‘Intelligent Design’ Decision.” Americans United for the Separation of Church and State *Church and State* (February): online text accessed 1/18/2011 (www.au.org).
- . 2006b. “Victory In Dover!” Americans United for the Separation of Church and State *Church and State* (February): online text accessed 1/18/2011 (www.au.org).
- . 2007a. “Classroom Culture War.” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/18/2011 (www.au.org).
- . 2007b. “Stark Exchange.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/18/2011 (www.au.org).
- . 2008a. “Eroding Evolution.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/18/2011 (www.au.org).
- . 2008b. “The Forgotten Founder.” Americans United for the Separation of Church and State *Church and State* (November): online text accessed 1/20/2011 (www.au.org).
- . 2012. Discovery Institute *Evolution News & Views* posting of AU 17 December letter to Cecil R. Phillips (online jpg at evolutionnews.org accessed 1/26/2013).
- Americans United for Life*. 2011. “AULA Calls on Congress to Freeze the One-Third of a Billion Tax Dollars Going to Planned Parenthood.” *Americans United for Life* 10 February posting (online text at takeaction.aul.org accessed 2/24/2011).
- American TFP*. 2005. “Saving Terri Schiavo: TFP Calls on America to Reject *Roe v. Wade*’s Bitter Fruits.” *Crusade* (May/June): 15, 17-18.
- Ames, Daniel L., & Susan T. Fiske**. 2015. “Perceived intent motivates people to magnify observed harms.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3599-3605.
- Ames, Daniel R., & Lara K. Kammrath**. 2004. “Mind-Reading and Metacognition: Narcissism, Not Actual Competence, Predicts Self-Estimated Ability.” *Journal of Nonverbal Behavior* **28** (Fall): 187–209.
- Amidon, William H., & Kenneth A. Farley**. 2011. “Cosmogenic ³He production rates in apatite, zircon and pyroxene inferred from Bonneville flood erosional surfaces.” *Quaternary Geochronology* **6** (February): 10-21.
- Amin, Shivas R., Serkan Erdin, R. Matthew Ward, Rhonald C. Lua, & Olivier Lichtarge**. 2013. “Prediction and experimental validation of enzyme substrate specificity in protein structures.” *Proceedings of the National Academy of Sciences* **110** (5 November): E4195-E4202.
- Aminake, Makoah N., & Gabriele Pradel**. 2013. “Antimalarial drugs resistance in *Plasmodium falciparum* and the current strategies to overcome them,” in Méndez-Vilas (2013, 269-282).
- Amiot, Romain, Xu Wang, Zhonghe Zhou, Xiaolin Wang, Eric Buffetaut, Christophe Lécuyer, Zhongli Ding, Frédéric Fluteau, Tsuyoshi Hibino, Nao Kushashi, Jinyou Mo, Varavudh Suteethorn, Yuanqing Wang, Xing Xu, & Fusong Zhang**. 2011. “Oxygen isotopes of East Asian dinosaurs reveal exceptionally cold Early Cretaceous climates.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5179-5183.
- Amir, Dorsa**. 2015. “Pulling the Plug on Power Posing.” *Why Evolution Is True* guest posting 10 May (online text at whyevolutionistrue.wordpress.com accessed 5/10/2015).
- Amira, Dan**. 2010. “GOP’s Delaware Senate Nominee Christine O’Donnell Not a Big Fan of Evolution.” *New York Magazine* 15 September posting: online text accessed 9/16/2010 (nymag.com).
- Amirault, Gary**. 2000. “Ron Wyatt Archaeological Research Fraud Documentation.” *Tentmaker* March updated posting (online text at www.tentmaker.org accessed 8/27/2013).

- Amit, Elinor, & Joshua D. Greene.** 2012. “You See, the Ends Don’t Justify the Means: Visual Imagery and Moral Judgment.” *Psychological Science* **23** (August): 861-868.
- Amitai, Gil, Rinkoo Devi Gupta, & Dan S. Tawfik.** 2007. “Latent evolutionary potentials under the neutral mutational drift of an enzyme.” *HFSP Journal* **1** (May): 67-78.
- Ammannito, E., M. C. De Sanctis, E. Palomba, A. Longobardo, D. W. Mittlefehldt, H. Y. McSween, S. Marchi, M. T. Capria, F. Capaccioni, A. Frigeri, C. M. Pieters, O. Ruesch, F. Tosi, F. Zambon, F. Carraro, S. Fonte, H. Hiesinger, G. Magni, L. A. McFadden, C. A. Raymond, C. T. Russell, & J. M. Sunshine.** 2013. “Olivine in an unexpected location on Vesta’s surface.” *Nature* **504** (5 December): 122-125.
- Amo de Paz, Guillermo, Palome Cubas, Ana Crespo, John A. Elix, & H. Thorsten Lumbsch.** 2012. “Transoceanic Dispersal and Subsequent Diversification on Separate Continents Shaped Diversity of the *Xanthoparmelia pulla* Group (Ascomycota).” *PLoS ONE* (online @ plosone.org) **7** (June): e39683.
- Amodio, David M., John T. Jost, Sarah L. Master, & Cindy M. Yee.** 2007. “Neurocognitive correlates of liberalism and conservatism.” *Nature Neuroscience* **10** (October): 1246-1247.
- Amores, Angel, Allan Force, Yi-Lin Yan, Lucille Joly, Chris Amemiya, Andreas Fritz, Robert K. Ho, James Langeland, Victoria Prince, Yan-Ling Wang, Monte Westerfield, Marc Ekker, & John H. Postlethwait.** 1998. “Zebrafish *hox* Clusters and Vertebrate Genome Evolution.” *Science* **282** (27 November): 1711-1714.
- Amorim, Carlos Eduardo G., Kelly Nunes, Diogo Meyer, David Comas, Maria Cátira Bortolini, Francisco Mauro Salzano, & Tábita Hünemeier.** 2017. “Genetic signature of natural selection in first Americans.” *Proceedings of the National Academy of Sciences* **114** (28 February): 2195-2199.
- Amorim, Dalton S., Charles Morphy D. Santos, Frank-Thorsten Krell, Alain Dubois, Silvio S. Nihei, Otto M. P. Oliveira, Adrian Pont, Hojun Song, Vanessa K. Verdade, Diego A. Fachin, Bruna Klassa, Carlos José E. Lamas, Sarah S. Oliveira, Claudio J. B. de Carvalho, Cátia A. Mello-Patiu, Eduardo Hajdu, Márcia S. Couri, Vera C. Silva, Renato S. Capellari, Rafaela L. Falaschi, Rodrigo M. Feitosa, John E. Lattke, Ulisses Caramaschi, Marcelo Duarte, Antonio Carlos Marques, Roberto E. Reis, Olavi Kurina, Daniela M. Takiya, Marcos Tavares, Daniel Silva Fernandes, Francisco Luís Franco, Fabiana Cuzzo, Dennis Paulson, Benoit Guénard, Birgit C. Schlick-Steiner, Wolfgang Arthofer, Florian M. Steiner, Brian A. Fisher, Robert A. Johnson, Thibault Dominique Delsinne, David A. Donoso, Pablo Ricardo Mulieri, Luciana Damián Patitucci, James M. Carpenter, Lee Herman, & David Grimaldi.** 2016. “Timeless standards for species delimitation.” *Zootaxa* **4137** (1): 121-128.
- Amos, Jonathan.** 2010. “Fossils may be ‘earliest animals’.” *BBC News* posting 18 August: online text accessed 9/5/2010 (news.bbc.co.uk).
- . 2011. “Fossil redefines mammal history.” *BBC News* posting 25 August: online text accessed 3/19/2016 (www.bbc.com).
- Amos, Paul.** 2013. “[Urgent] Can you believe this video?” *Townhall Daily* for 20 June (online text via townhall.com accessed 6/20/2013).
- Amos, W., & J. I. Hoffman.** 2010. “Evidence that two main bottleneck events shaped modern human genetic diversity.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (7 January): 131-137.
- Amoutzias, Grigoris D., Ying He, Jonathan Gordon, Dimitris Mossialos, Stephen G. Olivier, & Yves Van de Peer.** 2010. “Posttranslational regulation impacts the fate of duplicated genes.” *Proceedings of the National Academy of Sciences* **107** (16 February): 2967-2971.
- Amson, Eli, & Michel Laurin.** 2011. “On the affinities of *Tetraceratops insignis*, an Early Permian synapsid.” *Acta Palaeontologica Polonica* **56** (2): 301-312.
- Anthor, Joachim E., John P. Grotzinger, Stefan Schröder, Samuel A. Bowring, Jahandar Ramezani, Mark W. Martin, & Albert Matter.** 2003. “Extinction of *Cloudina* and *Namacalathus* at the Precambrian-Cambrian boundary in Oman.” *Geology* **31** (May): 431-434.
- Amundson, Ron.** 1998. “Typology Reconsidered: Two Doctrines on the History of Evolutionary

- Biology.” *Biology and Philosophy* **13** (April): 153-177.
- Amunts, Alexey, Alan Brown, Xiao-chen Bai, Jose L. Llácer, Tanweer Hussain, Paul Emsley, Fei Long, Garib Murshudov, Sjors H. W. Scheres, & V. Ramakrishnan.** 2014. “Structure of the Yeast Mitochondrial Large Ribosomal Subunit.” *Science* **343** (28 March): 1485-1489.
- Amunts, Alexey, Alan Brown, Jaan Toots, Sjors H. W. Scheres, & V. Ramakrishnan.** 2015. “The structure of the human mitochondrial ribosome.” *Science* **348** (3 April): 95-98.
- An, Liwei, Yiyang Jiang, Howin H. W. Ng, Ellen P. S. Man, Jie Chen, Ui-Soon Khoo, Qingguo Gong, & Michael S. Y. Huen.** 2017. “Dual-utility NLS drives RNF169-dependent DNA damage responses.” *Proceedings of the National Academy of Sciences* **114** (4 April): E2872-E2881.
- Anagnostou, Eleni, Eleanor H. John, Kirsty M. Edgar, Gavin L. Foster, Andy Ridgwell, Gordon N. Inglis, Richard D. Pancost, Daniel J. Lunt, & Paul N. Pearson.** 2016. “Changing atmospheric CO₂ concentration was the primary driver of early Cenozoic climate.” *Nature* **533** (19 May): 380-384.
- Analysis of Kent Hovind.* 2001a. “The Professor and Mr. Hovind.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2001b. “Ron Rayborne Accepts Hovind’s Challenge.” *Analysis of Kent Hovind* 6 March posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002a. “Can the Real Kent Hovind Please Stand Up.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002b. “The Hovind \$250,000 Challenge.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002c. “Mr. Hovind Goes to Arkansas.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002d. “Lying about Lying.” *Analysis of Kent Hovind* undated “Lie #1” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002e. “Lying about Chromosomes and Evolution.” *Analysis of Kent Hovind* undated “Lie #2” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002f. “5-5-2000 – The Prediction That Wasn’t.” *Analysis of Kent Hovind* undated “Lie #3” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002g. “Falsely Claiming Bankruptcy.” *Analysis of Kent Hovind* undated “Lie #4” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002h. “‘I Will Send Your Material to the Committee’.” *Analysis of Kent Hovind* undated “Lie #5” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002i. “Measuring Star Distances.” *Analysis of Kent Hovind* undated “Lie #6” posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002j. “Quaky Quotes on Evolution.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002k. “Quaky Quotes of Hovind’s Ethics.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002l. “Quaky Quotes Regarding Various Scientific Issues.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002m. “Quaky Quotes About Conspiracies.” *Analysis of Kent Hovind* undated posting

- (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002n. “Quaky Quotes About the Environment.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- . 2002o. “Quaky Quotes About Guns.” *Analysis of Kent Hovind* undated posting (online text at www.geocities.com/kenthovind/ accessed 4/5/2002, not available as of 1/8/2014).
- Anan, Keiti, Nobuaki Yoshida, Yuki Kataoka, Mitsuhara Sato, Hirotake Ichise, Makoto Nasu, & Shintaroh Ueda.** 2007. “Morphological Change Caused by Loss of the Taxon-Specific Polyalanine Tract in Hoxd-13.” *Molecular Biology and Evolution* **24** (January): 281-287.
- Anand, M., S. S. Russell, R. L. Blackhurst, & M. M. Grady.** 2006. “Searching for signatures of life on Mars: an Fe-isotope perspective.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1715-1720.
- Anand, Sanjay, Wayne C. H. Wang, Dennis R. Powell, Stacey A. Bolanowski, Jian Zhang, Christina Ledje, Aruna B. Pawashe, Chris T. Amemiya, & Cooduvalli S. Shashikant.** 2003. “Divergence of *Hoxc8* early enhancer parallels diverged axial morphologies between mammals and fishes.” *Proceedings of the National Academy of Sciences* **100** (23 December): 15666-15669.
- Anandarajah, Kandiah, Philip M. Kiefer Jr., Bryan S. Donohoe, & Shelley D. Copley.** 2000. “Recruitment of a Double Bond-Isomerase To Serve as a Reductive Dehalogenase during Biodegradation of Pentachlorophenol.” *Biochemistry* **39** (9 May): 5303-55311.
- Anandatheerthavarada, Hindupur, Naresh Babu V. Sepuri, Gopa Biswas, & Narayan G. Avadhani.** 2008. “An Unusual TOM₂₀/TOM₂₂ Bypass Mechanism for the Mitochondrial Targeting of Cytochrome P450 Proteins.” *The Journal of Biological Chemistry* **283** (11 July): 19769-19780.
- Ananko, Gregory G.** 2011. “A Model of Genetic Search for Beneficial Mutations: Estimating the Constructive Capacities of Mutagenesis.” *Journal of Molecular Evolution* **73** (December): 337-354.
- Ananthanarayanan, Rajagopal, Steven K. Esser, Horst D. Simon, & Dharmendra S. Modha.** 2011. “The Cat is Out of the Bag: Cortical Simulations with 10⁹ Neurons, 10¹³ Synapses.” *IBM Almaden Research Center* posting (online pdf at www.almaden.ibm.com accessed 11/7/2011).
- Anantharaman, Vivek, Eugene V. Koonin, & L. Aravind.** 2002. “Comparative genomics and evolution of proteins involved in RNA metabolism.” *Nucleic Acids Research* **30** (1 April): 1427-1464.
- Anapol, Fred, Kalman Applbaum, Bettina Arnold, Paul Axelrod, Alex W. Barker, Jeffrey A. Behm, Robert A. Birmingham, James A. Brey, Barbara Y. Butler, Karl Byrand, Roberta L. Coles, Barbara Crass, Joseph Damrell, Shannon M. Fie, Glen Fredlund, Eric Godfrey, Renee M. Gralewicz, William Green, Brenda Jenike, Mark Jenike, Robert J. Jeske, Richard S. Jones, Ingrid Jordt, Alice Kehoe, Anatoly Khazanov, Kelly J. Knudson, Nancy A. Krusko, Catherine A. Leone, Herbert S. Lewis, Ronald D. Lippi, Susannah Lloyd, Gabriele R. Lubach, Nancy Oestreich Lurie, Thomas M. Malaby, Stephanie May de Montigny, Timothy L. McAndrews, Rosanne M. Meer, Helaine K. Minkus, Michael P. Muehlenbein, Larry Nesper, Peter N. Peregrine, Jane D. Peterson, Andrew J. Petto, Thomas C. Pleger, James Provinzano, John D. Richards, Patricia B. Richards, Rodney Riggs, Edward Robins, Roland L. Rodell, Frank Salomon, Sissel Schroeder, Daniel E. Shea, Cynthia M. Stiles, Karen B. Strier, Daniel Strouthes, James L. Theler, Trudy R. Turner, & Jason Yaeger.** 2004. *The Clergy Letter Project* posting of 15 November letter to David Ahlquist & Grantsburg School District (online pdf at theclergyletterproject.org accessed 3/18/2014).
- Anastasi, Carole, Michael A. Crowe, & John D. Sutherland.** 2007. “Two-Step Potentially Prebiotic Synthesis of α -D-Cytidine-5'-phosphate from D-Glyceraldehyde-3-phosphate.” *Journal of the American Chemical Society* **129** (10 January): 24-25.
- Anastasio, Thomas J.** 2003. “Probability rather than logic as the basis of perception.”

- Behavioral and Brain Sciences* **26** (3): 283-284.
- Anbar, A. D., G. L. Arnold, T. W. Lyons, & J. Barling.** 2005. "Response to Comment on 'Molybdenum Isotope Evidence for Widespread Anoxia in Mid-Proterozoic Oceans'." *Science* **309** (12 August): 1017.
- Anbar, Ariel D., Yun Duan, Timothy W. Lyons, Gail L. Arnold, Brian Kendall, Robert A. Creaser, Alan J. Kaufman, Gwyneth W. Gordon, Clinton Scott, Jessica Garvin, & Roger Buick.** 2007. "A Whiff of Oxygen Before the Great Oxidation Event?" *Science* **317** (28 September): 1903-1906.
- Anbar, A. D., & A. H. Knoll.** 2002. "Proterozoic Ocean Chemistry and Evolution: A Bioinorganic Bridge?" *Science* **297** (16 August): 1137-1142.
- Anchor Stone International.* 1995. "The Ark of the Covenant." *Anchor Stone International Newsletter* (July) posting (online text at www.anchorstone.com accessed 11/14/2001, not available as of 1/16/2014).
- . 1999. "Anchorstone Guestbook." *Anchor Stone International* October posting (online text at www.anchorstone.com accessed 11/14/2001, not available as of 1/16/2014).
- Anczkiewicz, Robert, J. Parr, G. Carr, Roberto Weinberg, & Terry Lees.** 2008. "pmd*CRC Profect C1 (Curnamona) Final Report." *Geoscience Australia* posting of *Predictive Mineral Discovery Cooperative Research Centre* report (online pdf at www.ga.gov.au accessed 5/4/2015).
- Anczkiewicz, Robert, John P. Platt, Matthew F. Thirlwall, & John Wakabayashi.** 2004. "Franciscan subduction off to a slow start: evidence from high-precision Lu-Hf garnet ages on high grade-blocks." *Earth and Planetary Science Letters* **225** (30 August): 147-161.
- Andam, Cheryl P., David Williams, & J. Peter Gogarten.** 2010. "Biased gene transfer mimics patterns created through shared ancestry." *Proceedings of the National Academy of Sciences* **107** (8 June): 10679-10684.
- Andari, Elissar, Jean-René Duhamel, Tiziana Zalla, Evelyn Herbrecht, Marion Leboyer, & Angela Sirigu.** 2010. "Promoting social behavior with oxytocin in high-functioning autism spectrum disorders." *Proceedings of the National Academy of Sciences* **107** (2 March): 4389-4394.
- Anderegg, William R. L., James W. Prall, Jacob Harold, & Stephen H. Schneider.** 2010. "Expert credibility in climate change." *Proceedings of the National Academy of Sciences* **107** (6 July): 12107-12109.
- Anders, Silke, Roos de Jong, Christian Beck, John-Dylan Haynes, & Thomas Ethofer.** 2016. "A neural link between affective understanding and interpersonal attraction." *Proceedings of the National Academy of Sciences* **113** (19 April): E2248-E2257.
- Andersen, Heidi D., Chunhua Wang, Lise Arleth, Günther H. Peters, & Peter Westh.** 2011. "Reconciliation of opposing views on membrane-sugar interactions." *Proceedings of the National Academy of Sciences* **108** (1 February): 1874-1878.
- Andersen, Ken H., & Keith Brander.** 2009. "Expected rate of fisheries-induced evolution is slow." *Proceedings of the National Academy of Sciences* **106** (14 July): 11657-11660.
- Andersen, Morten B., Tim Elliott, Heye Freymuth, Kenneth W. W. Sims, Yaoling Niu, & Katherine A. Kelley.** 2015. "The terrestrial uranium isotope cycle." *Nature* **517** (15 January): 356-359.
- Andersen, Richard A., & He Cui.** 2009. "Intention, Action Planning, and Decision Making in Parietal-Frontal Circuits." *Neuron* **63** (10 September): 568-583.
- Andersen, Ross.** 2016. "Fancy Math Can't Make Aliens Real." *The Atlantic* 17 June posting (online text at www.theatlanticwire.com accessed 6/23/2016).
- Anderson, Alun.** 1991. "Early Bird Threatens Archaeopteryx's Perch." *Science* **253** (5 July): 35.
- Anderson, Barton L.** 2012. "Bird-Brained Illusionists." *Science* **335** (20 January): 292-293.
- Anderson, Ben.** 2011a. "Understanding Roman Catholicism: Week 1--Agreements." *Cleansing Fire* 4 April posting (online text at cleansingfiredor.com accessed 4/13/2014).
- . 2011b. "Understanding Roman Catholicism: Week 2--Disagreements." *Cleansing Fire* 12 April posting (online text at cleansingfiredor.com accessed 4/13/2014).

- . 2011c. “Understanding Roman Catholicism: Disagreements part 2 (lies, misconceptions, and deceit.” *Cleansing Fire* 25 April posting (online text at *cleansingfiredor.com* accessed 4/13/2014).
- Anderson, Bernhard W.**, ed. 1984. *Creation in the Old Testament*. Philadelphia: Fortress Press.
- Anderson, Brett.** 2014. “Increase in Arctic Multi-Year Sea Ice from 2013-2014.” *AccuWeather* 10 April posting (online text at *www.accuweather.com* accessed 5/11/2015).
- Anderson, Brian A., Patryk A. Laurent, & Steven Yantis.** 2011. “Value-driven attentional capture.” *Proceedings of the National Academy of Sciences* **108** (21 June): 10367-10371.
- Anderson, Brian R., Julius Bogomolovas, Siegfried Labeit, & Henk Granzier.** 2013. “Single Molecule Force Spectroscopy on Titin Implicates Immunoglobulin Domain Stability as a Cardiac Disease Mechanism.” *The Journal of Biological Chemistry* **288** (22 February): 5303-5315.
- Anderson, Christopher J., Štěpán Bahník, Michael Barnett-Cowan, Frank A. Bosco, Jesse Chandler, Christopher R. Chartier, Felix Cheung, Cody D. Christopherson, Andreas Cordes, Edward J. Cremata, Nicolas Della Penna, Vivien Estel, Anna Fedor, Stanka A. Fitneva, Michael C. Frank, James A. Grange, Joshua K. Hartshorne, Fred Hasselman, Felix Henninger, Marjie van der Hulst, Kai J. Jonas, Calvin K. Lai, Carmel A. Levitan, Jeremy K. Miller, Katherine S. Moore, Johannes M. Meixner, Marcus R. Munafò, Koen I. Neijenhuijs, Gustav Nilsson, Brian A. Nosek, Franziska Plessow, Jason M. Prenoveau, Ashley A. Ricker, Kathleen Schmidt, Jeffrey R. Spies, Stefan Steiger, Nina Strohminger, Gavin B. Sullivan, Robbie C. M. van Aert, Marcel A. L. M. van Assen, Wolf Vanpaemel, Michelangelo Vianello, Martin Voracek, & Kellylynn Zuni.** 2016. “Response to Comment on ‘Estimating the reproducibility of psychological science’.” *Science* **351** (4 March): 1037.
- Anderson, D. L.** 2013. “The persistent mantle plume myth.” *Australian Journal of Earth Sciences* **60** (6-7): 657-673.
- Anderson, Daniel.** 2006. “A New Neandertal/Modern Human Fossil Hybrid?” *Creation Ministries International* posting 14 November (online text at *creation.com* accessed 11/12/2009).
- . 2007a. “Egyptian history and the biblical record: a perfect match?” *Creation Ministries International* posting 23 January (online text at *creation.com* accessed 6/12/2015).
- . 2007b. “Turkana Boy—getting past the propaganda.” *Creation Ministries International* posting 21 March (online text at *creation.com* accessed 11/11/2009).
- . 2007c. “Darkness at the crucifixion: metaphor or real history?” *Creation Ministries International* posting 6 April (online text at *creation.com* accessed 7/21/2017).
- . 2008. “An open letter to old-earth creationist, Dr. Fuz Rana.” *Creation Ministries International* posting 1 February (online text at *creation.com* accessed 11/11/2009).
- Anderson, David G., Scott C. Meeksa, Albert C. Goodyear, & D. Shane Miller.** 2008. “Southeastern data inconsistent with Paleoindian demographic reconstruction.” *Proceedings of the National Academy of Sciences* **105** (16 December): E108.
- Anderson, Don L.** 2006. “Plate tectonics; the general theory: Complex Earth is simpler than you think.” *The Geological Society of America Special Papers* **413**: 29-38.
- Anderson, Douglas M., Kelly M. Anderson, Chi-Lun Chang, Catherine A. Makarewich, Benjamin R. Nelson, John R. McAnally, Prasad Kasaragod, John M. Shelton, Jen Liou, Rhonda Bassel-Duby, & Eric N. Olson.** 2015. “A Micropeptide Encoded by a Putative Long Noncoding RNA Regulates Muscle Performance.” *Cell* **160** (12 February): 595-606.
- Anderson, Douglas P., Dustin S. Whitney, Victor Hanson-Smith, Arielle Woznica, William Campodonico-Burnett, Brian F. Volkman, Nicole King, Kenneth E. Prehoda, & Joseph W. Thornton.** 2016. “Evolution of an ancient protein function involved in organized multicellularity in animals.” *eLife* (online @ *elifesciences.org*) **5** (7 January): e10147.
- Anderson, Elizabeth.** 2011. “If God is Dead is Everything Permitted?” *The Worrywart* 14 April posting by Zach Dills (online text at *theworrywart-zachdills.blogspot.com* accessed 7/26/2014).

- . 2014. “Dewey’s Moral Philosophy.” *Stanford Encyclopedia of Philosophy* posting of 20 January revision of 2005 article (online text at plato.stanford.edu accessed 7/26/2014).
- Anderson, Eric.** 2003. “EA’s ‘oldie but goodie’ short primer on Intelligent Design, Sept. 2003.” *Uncommon Descent* 12 April 2013 **Kairosfocus** posting of original article (online text at uncommondescent.com accessed 4/14/2013).
- . 2014. “Questions About the Accretion Model of Planet Formation.” *Uncommon Descent* 11 November posting (online text at uncommondescent.com accessed 6/13/2015).
- . 2015a. “Eric Anderson: Probability & Design.” *ID The Future* 6 June podcast posting (online audio at www.idthefuture.com accessed 6/10/2015).
- . 2015b. “Oxygen Does Not Equal Life—Implications for Abiogenesis?” *Uncommon Descent* posting 26 September (online text at www.uncommondescent.com accessed 4/12/2017).
- Anderson, Eric, Erika H. Siegel, Eliza Bliss-Moreau, & Lisa Feldman Barrett.** 2011. “The Visual Impact of Gossip.” *Science* **332** (17 June): 1446-1448.
- Anderson, Erik J.** 2011. “Guilty by association: Why Conservatives Shouldn’t be Surprised that They are Perceived as Anti-Science and Why They Should be Concerned.” Grove City College (Pennsylvania) *Center for Vision & Values* posting (online pdf at www.visionandvalues.org accessed 7/7/2013).
- Anderson, G. R.** 2006. “The Chosen One.” Minneapolis *Citypages* posting 4 October (online text at citypages.com accessed 8/27/2010).
- Anderson, J. Christopher, Ning Wu, Stephen W. Santoro, Vishva Lakshman, David S. King, & Peter G. Schultz.** 2004. “An expanded genetic code with a functional quadruplet codon.” *Proceedings of the National Academy of Sciences* **101** (18 May): 7566-7571.
- Anderson, Jason S.** 2002a. “A new aistopod (Tetrapoda:Lepospondyli) from Mazon Creek, Illinois.” *Journal of Vertebrate Paleontology* **23** (11 April): 79-88.
- . 2002b. “Revision of the Aistopod genus *Phlegethontia* (Tetrapoda: Lepospondyli).” *Journal of Paleontology* **76** (November): 1029-1046.
- . 2003. “Cranial anatomy of *Coloraderpeton brilli*, postcranial anatomy of *Oestocephalus amphiuminus*, and reconsideration of Ophiderpetontidae (Tetrapoda: Lepospondyli: Aistopoda).” *Journal of Vertebrate Paleontology* **23** (September): 532-543.
- . 2008. “Focal Review: The Origin(s) of Modern Amphibians.” *Evolutionary Biology* **35** (December): 231-247.
- . 2012. “Fossils, molecules, divergence times, and the origin of Salamandroidea.” *Proceedings of the National Academy of Sciences* **109** (10 April): 5557-5558.
- Anderson, Jason S, Robert L. Carroll, & Timothy B. Rowe.** 2003. “New information on *Lethiscus stocki* (Tetrapoda: Lepospondyli: Aistopoda) from high-resolution computed tomography and a phylogenetic analysis of Aistopoda.” *Canadian Journal of Earth Sciences* **40** (August): 1071-1083.
- Anderson, Jason S., Robert R. Reisz, Diane Scott, Nadia B. Fröbisch, & Stuart S. Sumida.** 2008. “A stem batrachian from the Early Permian of Texas and the origin of frogs and salamanders.” *Nature* **453** (22 May): 515-518.
- Anderson, Jason S., Diane Scott, & Robert R. Reisz.** 2009. “*Nannaroter mckinziei*, a new ostodolepid ‘microsauro’ (Tetrapoda, Lepospondyli, Recumbirostra) from the Early Permian of Richards Spur (Ft. Sill), Oklahoma.” *Journal of Vertebrate Paleontology* **29** (12 June): 379-388.
- Anderson, Jason S., Tim Smithson, Chris F. Manksy, Taran Meyer, & Jennifer Clack.** 2015. “A Diverse Tetrapod Fauna at the Base of ‘Romer’s Gap’.” *PLoS ONE* (online @ plosone.org) **10** (April): e0125446.
- Anderson, Jeffrey S., Michael A. Ferguson, Melissa Lopez-Larson, & Deborah Yurgelun-Todd.** 2010. “Topographic maps of multisensory attention.” *Proceedings of the National Academy of Sciences* **107** (16 November): 20110-20114.
- Anderson, Jennifer K., Todd G. Smith, & Timothy R. Hoover.** 2010. “Sense and sensibility: flagellum-mediated gene regulation.” *Trends in Microbiology* **18** (January): 30-37.
- Anderson, Joanna E., Aaron C. Kay, & Gráinne M. Fitzsimons.** 2010. “In Search of the

- Silver Lining: The Justice Motive Fosters Perceptions of Benefits in the Later Lives of Tragedy Victims.” *Psychological Science* **21** (November): 1599-1604.
- Anderson, J., F. Thackeray, B. Van Wyk, & M. De Wit**, eds. 2000. *Gondwana Alive: Biodiversity and the Evolving Biosphere*. Pretoria, South Africa: Witwatersrand University Press.
- Anderson, John B., Sophie Warny, Rosemary A. Askin, Julia S. Wellner, Steven M. Bohaty, Alexandra E. Kirshner, Daniel N. Livsey, Alexander R. Simms, Tyler R. Smith, Werner Ehrmann, Lawrence A. Lawver, David Barbeau, Sherwood W. Wise, Denise K. Kulhenek, Fred M. Weaver, & Wojciech Majewski**. 2011. “Progressive Cenozoic cooling and the demise of Antarctica’s last refugium.” *Proceedings of the National Academy of Sciences* **108** (12 July): 11356-11360.
- Anderson, J. R., & G. G. Gallup Jr.** 1997. “Self-recognition in Saguinus? A critical essay.” *Animal Behaviour* **54** (December): 1563-1567.
- Anderson, John R., John F. Anderson, Jennifer L. Ferris, Jon M. Fincham, & Kwan-Jin Jung**. 2009. “Lateral inferior prefrontal cortex and anterior cingulate cortex are engaged at different stages in the solution of insight problems.” *Proceedings of the National Academy of Sciences* **106** (30 June): 10799-10804.
- Anderson, J. R. L.** 1967. *Vinland Voyage*. New York: Funk & Wagnalls.
- Anderson, Kendi, & Zack Peterson**. 2015. “Judge declines divorce case, citing gay marriage ruling.” *Chattanooga Times Free Press* posting 3 September: online text accessed 9/4/2015 (www.timesfreepress.com).
- Anderson, Kerby**. 2007a. “Darwinism and Truth.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2007b. “Origin Science.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- Anderson, Kevin**. 2005. “Is Bacterial Resistance To Antibiotics An Appropriate Example Of Evolutionary Change?” *Creation Research Society Quarterly* **41** (March) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 12/9/2009).
- . 2016. “How Are New Genes Made?” *Answers in Genesis “Answers in Depth” News to Know* posting for 21 April (online text at www.answersingenesis.org accessed 7/14/2017).
- Anderson, Kevin, Brian Catalucci, & Nathaniel T. Jeanson**. 2015. “Three Puzzles Evolution Can’t Solve.” *Answers in Genesis Answers Magazine* 1 July article posting (online text at answersingenesis.org accessed 7/10/2017).
- Anderson, Kevin L., & Georgia Purdom**. 2008a. “A Creationist Perspective of Beneficial Mutations in Bacteria,” in Snelling (2008b, 73-86).
- . 2008b. “Analysis of Barry Hall’s Research of the *E. coli ebg* Operon,” in Snelling (2008b, 149-163).
- Anderson, Kristian G., Ilya Shylakhter, Shervin Tabrizi, Sharon R. Grossman, Christian T. Happi, & Pardis C. Sabeti**. 2012. “Genome-wide scans provide evidence for positive selection of genes implicated in Lassa fever.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (19 March): 868-877.
- Anderson, Lloyd, & Doris Anderson**. 1999. “Mount St. Helens (MSH): *Visitors Resource Packet*.” *Creationism* posting (online text at www.creationism.org accessed 1/13/2009).
- Anderson, Lyall I., & Rachel A. Moore**. 2004. “*Bembicosoma* re-examined: a xiphosuran from the Silurian of the North Esk Inlier, Pentland Hills, Scotland.” *Earth and Environmental Transactions of the Royal Society of Edinburgh* **94** (September): 199-206.
- Anderson, Lyall I., Jason A. Dunlop, & Nigel H. Trewin**. 2000. “A Middle Devonian chasmatspid arthropod from Achanarras Quarry.” *Scottish Journal of Geology* **36** (November): 151-158.
- Anderson, Lucy**. 2002. “A hand-me-down from Dad.” *Nature Reviews Molecular Cell Biology* **3** (October): 724.
- Anderson, M. L.** 1989. “Comparing Darwin’s Method with That of Scientific Creationists.” *Creation/Evolution* **9** (Fall): 15-22.
- Anderson, Mark T., & H. Steven Seifert**. 2011. “Opportunity and Means: Horizontal Gene

- Transfret from the Human Host to a Bacterial Pathogen.” *mBio* (online @ mbio.asm.org) **2** (11 February): e00005-11.
- Anderson, Mary Jo.** 2001. “The ‘Other’ Shroud of Christ.” *Crisis* **19** (April): 36-41.
- Anderson, Michael C., Kevin N. Ochsner, Brice Kuhl, Jeffrey Cooper, Elaine Robertson, Susan W. Gabrieli, Gary H. Glover, & John D. E. Gabrieli.** 2004. “Neural Systems Underlying the Suppression of Unwanted Memories.” *Science* **303** (9 January): 232-235.
- Anderson, Michael L., & Tim Oates.** 2003. “Prelinguistic agents will form only egocentric representations.” *Behavioral and Brain Sciences* **26** (3): 284-285.
- Anderson, Michele K., Rashmi Pant, Ann L. Miracle, Xiao Sun, Carl A. Luer, Catherine J. Walsh, Janice C. Telfer, Gary W. Litman, & Ellen V. Rothenberg.** 2004. “Evolutionary Origins of Lymphocytes: Ensembles of T Cell and B Cell Transcriptional Regulators in a Cartilaginous Fish.” *The Journal of Immunology* **172** (15 May): 5851-5860.
- Anderson, Nate.** 2006. “Meet the Patriot Pastors.” *Christianity Today* posting 3 November: online text accessed 9/3/2010 (www.christianitytoday.com).
- Anderson, Nick.** 2015. “Religious colleges get exemptions to anti-bias law; critics denounce ‘hidden discrimination’ against LGBT students.” *The Washington Post* posting 18 December: online text accessed 12/18/2015 (www.washingtonpost.com).
- Anderson, Norman B., Rodolfo A. Bulatao, & Barney Cohen,** eds. 2004. *Critical Perspectives on Racial and Ethnic Differences in Health in Late Life*. Washington, D.C.: The National Academies Press.
- Anderson, Norris.** 1996. “The Alabama Insert: A Call for Impartial Science.” *Leadership U* posting of 15 May article (online text at leaderu.com accessed 10/19/2015).
- Anderson, Orin J., & Spencer G. Lucas.** 1995. “Base of the Morrison Formation, Jurassic, of northwestern New Mexico and adjacent areas.” *New Mexico Geology* **17** (April): 44-53.
- Anderson, Orson L., & Priscilla C. Perkins.** 1974. “Runaway Temperatures in the Asthenosphere Resulting From Viscous Heating.” *Journal of Geophysical Research* **79** (10 May): 2136-2138.
- Anderson, Patrick.** 2016. “Intelligent design in science class?” Sioux Falls (South Dakota) *Argus Leader* 31 January posting (online text at www.argusleader.com accessed 2/5/2016).
- Anderson, Philip S. L., Matt Friedman, & Marcello Ruta.** 2013. “Late to the Table: Diversification of Tetrapod Mandibular Biomechanics Lagged Behind the Evolution of Terrestriality.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **53** (August): 197-208.
- Anderson, R. F., S. Ali, L. I. Bradtmiller, S. H. H. Nielsen, M. Q. Fleisher, B. E. Anderson, & L. H. Burckle.** 2009. “Wind-Driven Upwelling in the Southern Ocean and the Deglacial Rise in Atmospheric CO₂.” *Science* **323** (13 March): 1443-1448.
- Anderson, R. F., & Mary-Elena Carr.** 2010. “Uncorking the Southern Ocean’s Vintage CO₂.” *Science* **328** (28 May): 1117-1118.
- Anderson, Roger Y.** 1964. “Varve Calibration of Stratification.” *Kansas Geological Survey Bulletin* **169** (December): 1-20.
- Anderson, Ross P., Victoria E. McCoy, Maria E. McNamara, & Derek E. G. Briggs.** 2014. “What big eyes you have: the ecological role of giant pterygotid eurypterids.” *Royal Society Biology Letters* **10** (July): 20140412.
- Anderson, Ross P., Lidya G. Tarhan, Katherine E. Cummings, Noah J. Planavsky, & Marcia Bjørnerud.** 2016. “Macroscopic Structures in the 1.1 Ga Continental Copper Harbor Formation: Concretions of Fossils?” *Palaios* **31** (July): 327-338.
- Anderson, Ryan T.** 2013. “The ENDA Agenda.” *National Review Online* (31 October): online text accessed 11/6/2013 (www.nationalreview.com).
- Anderson, Sandra H., Dave Kelly, Jenny J. Ladley, Sue Molloy, & Jon Terry.** 2011. “Cascading Effects of Bird Functional Extinction Reduce Pollination and Plant Density.” *Science* **331** (25 February): 1068-1071.
- Anderson, Stephen R.** 2004a. *Doctor Dolittle’s Delusion: Animals and the Uniqueness of Human Language*. New Haven, CT: Yale University Press.
- . 2004b. “A Telling Difference.” *Natural History* **113** (November): 38-43.

- Anderson, Stephen V.** 2010. “Evangelicals, Oppose Park51 At Your Own Eschatological Risk.” *Religion Dispatches* 2 September posting (online text at *religiondispatches.org* accessed 9/3/2010).
- . 2013. “Do Evangelicals Oppose Syria Intervention?” *Religion Dispatches* 18 September posting (online text at *religiondispatches.org* accessed 10/1/2013).
- Anderson, Steven L.** 2015. “The Exact Age of the Earth.” 8 May blog posting (online text at *sanderson1611.blogspot.com* accessed 3/2/2016).
- Anderson, Steven W., Hanna Damasio, & Antonio R. Damasio.** 2005. “A neural basis for collecting behaviour in humans.” *Brain* **128** (January): 201-212.
- Anderson, Troy.** 2012. “Unpacking Atheism.” *Tothesource* 11 October posting (online text at *www.tothesource.org* accessed 3/9/2013).
- Anderson, W. R.** 1982. “Northwestern University Examines Viking Evidence in Mediaeval America.” *Anthropological Journal of Canada* **20** (3): 16-20.
- Anderson, William J., Laura G. Van Dorn, Wendy M. Ingram, & Matthew H. J. Cordes.** 2011. “Evolutionary bridges to new protein folds: design of C-terminal Cro protein chameleon sequences.” *Protein Engineering Design and Selection (AKA Protein Engineering)* **24** (September): 765-771.
- Andersson, Claes, & Dwight Read.** 2014. “Group size and cultural complexity.” *Nature* **511** (3 July): E1.
- Andersson, Dan I.** 2011. “Evolving promiscuously.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1199-1200.
- Andersson, Dan I., Jon Jerlström-Hultqvist, & Joakim Näsvall.** 2015. “Evolution of New Functions De Novo and from Preexisting Genes.” *Cold Spring Harbor Perspectives in Biology* **7** (June): a017996.
- Andersson, Dan I., E. Susan Slechta, & John R. Roth.** 1998. “Evidence That Gene Amplification Underlies Adaptive Mutability of the Bacterial *lac* Operon.” *Science* **282** (6 November): 1133-1135.
- Andersson, Eva, & Nils G. Holm.** 2000. “The Stability of Some Selected Amino Acids Under Attempted Redox Constrained Hydrothermal Conditions.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **30** (January): 9-23.
- Andersson, Göran.** 1998. “Evolution of the Human *HLA-DR* Region.” *Frontiers in Bioscience* **3** (27 July): D739-745.
- Andersson, Jan O., & Andrew J. Roger.** 2002. “A Cyanobacterial Gene in Nonphotosynthetic Protists—An Early Chloroplast Acquisition in Eukaryotes?” *Current Biology* **12** (22 January): 115-119.
- Andersson, Jan, & Siv G. E. Andersson.** 2001. “Pseudogenes, Junk DNA, and the Dynamics of Rickettsia Genomes.” *Molecular Biology and Evolution* **18** (May): 829-839.
- Andersson, Jessica, Sabrina Bodevin, MariAnn Westman, Margareta Sahlin, & Britt-Marie Sjöberg.** 2001. “Two Active Site Asparagines Are Essential for the Reaction Mechanism of the Class III Anaerobic Ribonucleotide Reductase from Bacteriophage T4.” *The Journal of Biological Chemistry* **276** (2 November): 40457-40463.
- Andersson, M., J. Aalto, & I. Gustavsson.** 1992. “Embryo quality and andrological study of two subfertile bulls versus five control bulls with normal fertility.” *Theriogenology* **38** (October): 623-631.
- Andersson, Malte.** 2003. “Coots count.” *Nature* **422** (3 April): 483-484.
- Andersson, Malte, & Yoh Iwasa.** 1996. “Sexual selection.” *Trends in Ecology & Evolution* **11** (February): 53-58.
- Andors, Allison V.** 1995. “*Diatryma* Among the Dinosaurs.” *Natural History* **104** (June): 68-72.
- Andrade, Maydianne C. B.** 1996. “Sexual Selection for Male Sacrifice in the Australian Redback Spider.” *Science* **271** (5 January): 70-72.
- Andrade, Sónia C. S., Horácio Montenegro, Malin Strand, Megan L. Schwartz, Hiroshi Kajihara, Jon L. Norenburg, James M. Turbeville, Per Sundberg, & Gonzalo Giribet.** 2014. “A Transcriptomic Approach to Ribbon Worm Systematics (Nemertea): Resolving the Pilidiophora Problem.” *Molecular Biology and Evolution* **31** (December): 3206-3215.

- Andreae, Christine.** 1974. *Seances & Spiritualists*. Philadelphia: Lippincott.
- Andreakis, Nikos, Salvatore D’Aniello, Ricard Albalat, Francesco Paolo Patti, Jordi Garcia-Fernández, Gabriele Procaccini, Paolo Sordino, & Anna Palumbo.** 2011. “Evolution of the Nitric Oxide Synthase Family in Metazoans.” *Molecular Biology and Evolution* **28** (January): 163-179.
- Andreano, Joseph M., & Larry Cahill.** 2009. “Sex influences on the neurobiology of learning and memory.” *Learning & Memory* **16** (April): 248-266.
- Andreasen, Nancy C.** 1987. “Creativity and mental illness: prevalence rates in writers and their first degree relatives.” *The American Journal of Psychiatry* **144** (October): 1288-1292.
- . 2008. “The relationship between creativity and mood disorders.” *Dialogues in Clinical Neuroscience* **10** (June): 251-255.
- Andreasen, Rasmus, & Mukul Sharma.** 2009. “Comment on ‘Neodymium-142 Evidence for Hadean Mafic Crust’.” *Science* **325** (17 July): 267.
- Andrés, Aida M., Marta Soldevilla, Arcadi Navarro, Kenneth K. Kidd, Baldomero Oliva, & Jaume Bertranpetit.** 2004. “Positive selection in MAOA gene is human exclusive: determination of the putative amino acid change selected in the human lineage.” *Human Genetics* **115** (October): 377-386.
- Andres, Brian, James Clark, & Xing Xu.** 2014. “The Earliest Pterodactyloid and the Origin of the Group.” *Current Biology* **24** (5 May): 1011-1016.
- Andres, Miriam S., & R. Pamela Reid.** 2006. “Growth morphologies of modern marine stromatolites: A case study from Highborne Cay, Bahamas.” *Sedimentary Geology* **185** (15 March): 319-328.
- Andreu, José Manuel, María Angela Oliva, & Octavio Monasterio.** 2002. “Reversible Unfolding of FtsZ Cell Division Proteins from Archaea and Bacteria: COMPARISON WITH EUKARYOTIC TUBULIN FOLDING AND ASSEMBLY.” *The Journal of Biological Chemistry* **277** (8 November): 43262-43270.ééç
- Andrew, Rose L., & Loren H. Rieseberg.** 2013. “Divergence Is Focused on Few Genomic Regions Early in Speciation: Incipient Speciation of Sunflower Ecotypes.” *Evolution* **67** (September): 2468-2482.
- Andrews, Christine A.** 2010. “The Hardy-Weinberg Principle.” *Nature Education* (online @ nature.com) **3** (10): 65.
- Andrews, John T., Jorunn Hardadottir, Joseph S. Stoner, Michael E. Mann, Greta B. Kristjansdottir, & Nalan Koc.** 2003. “Decadal to millennial-scale periodicities in North Iceland shelf sediments over the last 12 000 cal yr: long-term North Atlantic oceanographic variability and solar forcing.” *Earth and Planetary Science Letters* **210** (30 May): 453-465.
- Andrews, Peter, & Jay Kelley.** 2007. “Middle Miocene Dispersals of Apes.” *Folia Primatologica* **78** (September): 328-343.
- Andrews, T. Daniel, Lars S. Jermiin, & Simon Easteal.** 1998. “Accelerated evolution of cytochrome b in simian primates: adaptive evolution in concert with other mitochondrial proteins?” *Journal of Molecular Evolution* **47** (September): 249-257.
- Andrews, Tess M., Steven T. Kalinowski, & Mary J. Leonard.** 2011. “‘Are Humans Evolving?’ A Classroom Discussion to Change Student Misconceptions Regarding Natural Selection.” *Evolution: Education & Outreach* **4** (September): 456-466.
- Andrews-Hanna, Jeffrey C., Maria T. Zuber, & W. Bruce Banerdt.** 2008. “The Borealis basin and the origin of the martian crustal dichotomy.” *Nature* **453** (26 June): 1212-1215.
- Andrey, Guillaume, Thomas Montavon, Bénédicte Mascrez, Federico Gonzalez, Daan Noordermeer, Marion Leleu, Didier Trono, François Spitz, & Denis Duboule.** 2013. “A Switch Between Topological Domains Underlies *HoxD* Genes Collinearity in Mouse Limbs.” *Science* **340** (7 June): 1234167 (online at sciencemag.org).
- Andrillon, Thomas, Andreas Trier Poulsen, Lars Kai Hansen, Damien Léger, & Sid Kouider.** 2016. “Neural Markers of Responsiveness to the Environment in Human Sleep.” *The Journal of Neuroscience* **36** (15 June): 6583-6596.
- Andruleit, Harald, Ulf Rogalla, & Sabine Stäger.** 1990. “From living communities to fossil assemblages: origin and fate of coccolithophores in the northern Arabian Sea.”

- Micropaleontology* **50** (Supplement 1): 5-21.
- Andrulis, Erik D.** 2012. "Theory of the Origin, Evolution, and Nature of Life." *Life* (online @ www.mdpi.com) **2** (January): 1-105.
- Ané, Jean-Michel, György B. Kiss, Brendan K. Riely, R. Varma Penmetsa, Giles E. D. Oldroyd, Céline Ajax, Julien Lévy, Frédéric Debellé, Jong-Min Baek, Peter Kalo, Charles Rosenberg, Bruce A. Roe, Sharon R. Long, Jean Dénarié, & Douglas R. Cook.** 2004. "*Medicago truncatula DMII* Required for Bacterial and Fungal Symbioses in Legumes." *Science* **303** (27 February): 1364-1367.
- Anelli, Carol M.** 2006. "Darwinian Theory in Historical Context and Its Defense by B. D. Walsh: What is Past is Prologue." *American Entomologist* **52** (Spring): 11-18.
- Aneshansley, Daniel J., Thomas Eisner, Joanne M. Widom, & Benjamin Widom.** 1969. "Biochemistry at 100°C: Explosive Secretory Discharge of Bombardier Beetles (*Brachinus*)." *Science* **165** (4 July): 61-63.
- Aneshansley, D. J., T. H. Jones, D. Alsop, J. Meinwald, & T. Eisner.** 1983. "Thermal concomitants and biochemistry of the explosive discharge mechanism of some little known bombardier beetles." *Experientia* **39** (April): 366-368.
- Anet, Frank A. L.** 2004. "The place of metabolism in the origin of life." *Current Opinion in Chemical Biology* **8** (December): 654-659.
- Anfinsen, Christian B.** 1973. "Principles that Govern the Folding of Protein Chains." *Science* **181** (20 July): 223-230.
- Angelini, David R., & Thomas C. Kaufman.** 2005. "Insect appendages and comparative ontogenetics." *Developmental Biology* **286** (1 October): 57-77.
- Angelini, Thomas E., Edouard Hannezo, Xavier Trepat, Manuel Marquez, Jeffrey J. Fredberg, & David A. Weitz.** 2011. "Glass-like dynamics of collective cell migration." *Proceedings of the National Academy of Sciences* **108** (22 March): 4714-4719.
- Angelo, Claudio.** 2016. "Brazil's science woes mount." *Nature* **533** (19 May): 301.
- Angevine, Christine M., Kelly A. G. Herold, & Robert H. Fillingame.** 2003. "Aqueous access pathways in subunit a of rotary ATP synthase extend to both sides of the membrane." *Proceedings of the National Academy of Sciences* **100** (11 November): 13179-13183.
- Angielczyk, Kenneth D.** 2003. "Phylogenetic evidence for and implications of a dual origin of propaliny in anomodont therapsids (Synapsida)." *Paleobiology* **30** (June): 268-296.
- . 2009. "*Dimetrodon* Is Not a Dinosaur: Using Tree Thinking to Understand the Ancient Relatives of Mammals and their Evolution." *Evolution: Education & Outreach* **2** (June): 257-271.
- Angielczyk, Kenneth D., & Andrey A. Kurkin.** 2003a. "Has the utility of *Dicynodon* for Late Permian terrestrial biostratigraphy been overstated?" *Geology* **31** (April): 363-366.
- . 2003b. "Phylogenetic analysis of Russian Permian dicyonodonts (Therapsida: Anomodontia): Implications for Permian biostratigraphy and Pangaeian biogeography." *Zoological Journal of the Linnean Society* **140** (March): 383-401.
- Angielczyk, K. D., & L. Schmitz.** 2014. "Nocturnality in synapsids predates the origin of mammals by over 100 million years." *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (22 October): 20141642.
- Angier, Natalie.** 2009. "The Art of Deception." *National Geographic* **216** (August): 70-87.
- Anglada-Escudé, Guillem, Pedro J. Amado, John Barnes, Zaira M. Berdiñas, R. Paul Butler, Gavin A. L. Coleman, Ignacio de la Cueva, Stefan Dreizler, Michael Endl, Benjamin Giesers, Sandra V. Jeffers, James S. Jenkins, Hugh R. A. Jones, Marcin Kiraga, Martin Kürster, Mari J. López-González, Christopher J. Marvin, Nicolás Morales, Julien Morin, Richard P. Nelson, José L. Ortiz, Aviv Ofir, Sijme-Jan Paardekooper, Ansgar Reiners, Eloy Rodriguez, Cristina Rodríguez-López, Luis F. Sarmiento, John P. Strachan, Yiannis Tsapras, Mikko Tuomi, & Mathias Zechmeister.** 2016. "A terrestrial planet candidate in a temperate orbit around Proxima Centauri." *Nature* **536** (25 August): 437-440.
- Anglada-Escudé, Guillem, & Mikko Tuomi.** 2015. "Comment on 'Stellar activity masquerading as planets in the habitable zone of the M dwarf Gliese 581'." *Science* **347** (6 March): 1080.

- Angly, Florent E., Ben Felts, Mya Breitbart, Peter Salamon, Robert A. Edwards, Craig Carlson, Amy M. Chan, Matthew Haynes, Scott Kelley, Hong Liu, Joseph M. Mahaffy, Jennifer E. Mueller, Jim Nulton, Robert Olson, Rachel Parsons, Steve Rayhawk, Curtis A. Suttle, & Forest Rohwer.** 2006. "The Marine Viromes of Four Oceanic Regions." *PLoS Biology* (online @ plosbiology.org) **4** (November): e368.
- Angus Reid Public Opinion.** 2009. "Americans are Creationists; Britons and Canadians Side with Evolution," 15 July posting (online pdf at *visioncritical.com* accessed 7/23/2010).
- Anishkin, Andriy, Stephen H. Loukin, Jinfeng Tang, & Ching Kung.** 2014. "Feeling the hidden mechanical forces in lipid bilayer is an original sense." *Proceedings of the National Academy of Sciences* **111** (3 June): 7898-7905.
- Anisimova, M.,** ed. 2012. *Evolutionary Genomics: Statistical and Computational Methods*. New York: Springer.
- Ankenman, Sarah.** 2009. "Lies in the Textbooks." *Women in Apologetics* posting (online pdf at *womeninapologetics.com* accessed 6/12/2014).
- . 2010. "Created with a Purpose: The Top 5 Reasons Creationism is True." *Women in Apologetics* posting (online pdf at *womeninapologetics.com* accessed 6/12/2014).
- Ankerberg, John, & Steve Austin.** 1990. "The Creation Debate—How Do Coal Beds Form?" *Ankerberg Theological Research Institute* June interview transcript posting (online pdf at *www.ankerberg.com* accessed 1/13/2009).
- Ankerberg, John, & John Weldon.** 1994. "Rational Inquiry & the Force of Scientific Data: Are New Horizons Emerging?" in Moreland (1994a, 270-293).
- . 1998. *Darwin's Leap of Faith: Exposing the False Religion of Evolution*. Eugene, OR: Harvest House Publishers.
- Annas, George J., Theodore W. Ruger, & Jennifer Prah Ruger.** 2014. "Money, Sex, and Religion—The Supreme Court's ACA Sequel." *The New England Journal of Medicine* (16 July) posting (online pdf at *www.nejm.org* accessed 7/16/2014).
- Annen, C., M. Paulatto, R. S. J. Sparks, T. A. Minshull, & E. J. Kiddle.** 2014. "Quantification of the Intrusive Magma Fluxes during Magma Chamber Growth at Soufrière Hills Volcano (Montserrat, Lesser Antilles)." *Journal of Petrology* **55** (March): 529-548.
- Anne's Anti-Quackery.** 2005. "Michael Shermer and Kent Hovind debating Evolution vs Creationism—it should have been 'The Science of Creationism' instead." *Anne's Anti-Quackery & Science Blog* 7 June posting (online text at *amr2you.blogspot.com* accessed 2/17/2009).
- Annala, Arto, & Keith Baverstock.** 2014. "Genes without prominence: a reappraisal of the foundations of biology." *Journal of the Royal Society Interface* **11** (May): 20131017.
- Annalo, Tarmo, Zhang-Qun Chen, Sergey Shulenin, Julie Costantino, Lauren Thomas, Hong Lou, Stefan Stefanov, & Michael Dean.** 2006. "Evolution of the vertebrate ABC gene family: Analysis of gene birth and death." *Genomics* **88** (July): 1-11.
- Annunziata, Rossella, Pedro Martinez, & Maria I. Arnone.** 2013. "Intact cluster and chordate-like expression of ParaHox genes in a sea star." *BMC Biology* (online @ *biomedcentral.com*) **11** (27 June): 68.
- Anquetin, Jérémy.** 2011. "Evolution and palaeoecology of early turtles: a review based on recent discoveries in the Middle Jurassic." *Bulletin de la Société Géologique de France* **182** (May): 231-240.
- Ansari, Daniel.** 2016. "The neural roots of mathematical expertise." *Proceedings of the National Academy of Sciences* **113** (3 May): 4887-4889.
- Ansari, H. A., H. R. Jung, R. Hediger, R. Fries, H. König, & G. Stranzinger.** 1993. "A balanced autosomal reciprocal translocation in an azoospermic bull." *Cytogenetic and Genome Research (AKA Cytogenetics and Cell Genetics)* **62** (2-3): 117-123.
- Ansary, Tamin.** 2004. "A Textbook Example of What's Wrong with Education." *Edutopia* 2007 posting of November 2004 print article "The Muddle Machine: Confessions of a Textbook Editor" (online text at *www.edutopia.org* accessed 12/30/2010).
- Anselmi, Claudio, Pasquale de Santis, Raffaella Papparcone, Maria Savino, & Anita Scipioni.** 2004. "A Possible Role of DNA Superstructures in Genome Evolution." *Origins of Life*

- and *Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (February): 143-149.
- Ansolabehere, Stephen, Samantha Luks, & Brian F. Schaffner.** 2015. "The perils of cherry picking low frequency events in large sample surveys." *Electoral Studies* **36** (December): 409-410.
- . 2017. "Trump wants to investigate purported mass voter fraud. We pre-debunked his evidence." *The Washington Post* posting 25 January: online text accessed 6/22/2017 (www.washingtonpost.com).
- Antis, Stuart.** 2015. "Seeing Isn't Believing." *The Scientist* posting 1 June (online text at thescientist.com accessed 6/4/2015).
- Answers in Genesis.* 1980. "How Do Animals Become Resistant to Poisons?" *Answers in Genesis* 1 November posting (online text at answersingenesis.org accessed 3/16/2013).
- . 1998. "Amazing admission." *Answers in Genesis Creation* **20** (June): 24.
- . 1999a. "Confusion in Kansas: Evolution Not Outlawed!" *Answers in Genesis* article reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 7/18/2001).
- . 1999b. "Blown away by design: Michael Denton and bird' lungs." *Answers in Genesis Creation* **21** (September): 14-15.
- . 1999c. "Yet another new 'feathered' dinosaur?" *Answers in Genesis* 22 October posting (online text at www.answersingenesis.org accessed 1/22/2003).
- . 1999d. "It's Time for *TIME* to Get it Right!" *Answers in Genesis* 18 November posting (online text at www.answersingenesis.org accessed 1/28/2014).
- . 1999e. "Support grows for Oklahoma's disclaimer about evolution." *Answers in Genesis* November *Information Department* posting (online text at www.answersingenesis.org accessed 1/29/2002).
- . 2000a. "Pacific Northwest Heats up with Evolution Controversies!" *Answers in Genesis* 25 February posting (online text at answersingenesis.org accessed 1/23/2014).
- . 2000b. "College Instructor Who Refused to Teach Evolution as Fact is Dismissed!" *Answers in Genesis* 29 April posting (online text at answersingenesis.org accessed 1/23/2014).
- . 2000c. "Teacher calls student 'ignorant' for believing in Creation!" *Answers in Genesis* 9 May posting (online text at answersingenesis.org accessed 4/15/2002).
- . 2000d. "*TIME* Magazine Gets It Wrong Again!" *Answers in Genesis* 19 July posting (online text at www.answersingenesis.org accessed 1/28/2014).
- . 2000e. "That depends on what your definition of 'information' is." *Answers in Genesis* 24 July posting of response to David Cerutti letter (online text at answersingenesis.org accessed 4/11/2003).
- . 2000f. "Anti-creationists threaten another teacher's liberty." *Answers in Genesis* 26 July posting (online text at answersingenesis.org accessed 4/15/2002).
- . 2001a. "Lawmakers miss the boat! Resolution watered down to protect Darwin." *Answers in Genesis* 22 May posting (online text at answersingenesis.org accessed 6/26/2002).
- . 2001b. "More and More Wrong Dates." *Answers in Genesis Creation* **23** (June): 24.
- . 2002a. "Supreme Court: Don't Teach Evolution Difficulties!" *Answers in Genesis* 10 January posting (online text at www.answersingenesis.org accessed 1/28/2014).
- . 2002b. "Deep Layers." *Answers in Genesis* 26 October posting (online text at www.answersingenesis.org accessed 2/23/2014).
- . 2002c. "Arguments we think creationists should NOT use." *Answers in Genesis* undated posting (online text at www.answersingenesis.org accessed 1/22/2003).
- . 2003. "The Dark Side of 'Evolutionary Politics'." *Answers in Genesis* undated posting (online text at www.answersingenesis.org accessed 1/30/2014).
- . 2005. "A wake up call to Christians." *No Answers in Genesis* posting of deleted *Answers in Genesis* article (online text at noanswersingenesis.org.au accessed 11/2/2013).
- . 2007. "Fossils and the Flood." *Answers in Genesis* posting (online pdf at answersingenesis.org accessed 2/12/2013).
- . 2007a. *Museum Guide: A Bible-Based Handbook to Natural History Museums.* Museum Guide Preview posting (online pdf at answersingenesis.org accessed 1/2/2011).

- . 2007b. “National Geographic News: ‘Old Fossil Skeletons Show Both Apelike and Human Traits’.” Answers in Genesis *News to Note* posting 22 September (online text at answersingenesis.org accessed 11/1/2013).
- . 2007c. “LiveScience: ‘This Bird Made a Monkey Out of Humans’.” Answers in Genesis *News to Note* posting 22 September (online text at answersingenesis.org accessed 11/1/2013).
- . 2008a. “Templeton Award-winner Denies Intelligent Design.” *Answers in Genesis* posting 14 March (online text at answersingenesis.org accessed 2/4/2017).
- . 2008b. “Petrified Forests in Yellowstone.” *Answers in Genesis* posting 17 July (online text at answersingenesis.org accessed 1/17/2014).
- . 2008c. “Mount St. Helens in Washington State.” *Answers in Genesis* posting 24 July (online text at answersingenesis.org accessed 1/13/2009).
- . 2008d. “‘Armored’ Fish Study Helps Strengthen Darwin’s Natural Selection Theory.” Answers in Genesis posting 6 September (online text at answersingenesis.org accessed 3/16/2013).
- . 2008e. “Finder of Key Hominid Fossil Disputes 7-Million-Year Dating.” *Answers in Genesis* posting 6 September (online text at answersingenesis.org accessed 3/16/2013).
- . 2008f. “Elephants No Dumbo At Sums: Japanese Researcher.” *Answers in Genesis* posting 6 September (online text at answersingenesis.org accessed 3/16/2013).
- . 2008g. “Is Sarah Palin a Creationist?” *Answers in Genesis* posting 6 September (online text at answersingenesis.org accessed 3/16/2013).
- . 2008h. “Did Fingers and Toes Originate From Fins?” *Answers in Genesis* posting 27 September (online text at answersingenesis.org accessed 2/17/2015).
- . 2009a. “Koreans for Creation.” *Answers in Genesis Answers Magazine* (January-March) 1 January posting (online text at answersingenesis.org accessed 6/8/2016).
- . 2009b. “Toeing the old-age line.” Answers in Genesis *News to Note* posting 7 March (online text at answersingenesis.org accessed 1/2/2011).
- . 2009c. “The slow-and-gradual catastrophe.” Answers in Genesis *News to Note* posting 7 March (online text at answersingenesis.org accessed 1/2/2011).
- . 2009d. “Ida (*Darwinius masillae*): the Missing Link at Last?” *Answers in Genesis* posting 19 May (online text at answersingenesis.org accessed 1/25/2011).
- . 2009e. “Lizards Rapidly Evolve After Introduction to Island.” Answers in Genesis *News to Note* posting 6 June (online text at answersingenesis.org accessed 7/29/2012).
- . 2009f. “And don’t miss...” Answers in Genesis *News to Note* posting 6 June (online text at answersingenesis.org accessed 7/29/2012).
- . 2009g. “Digging up Dirt on Ida?” *Answers in Genesis* posting 24 July (online text at answersingenesis.org accessed 2/17/2015).
- . 2010a. “Monster’s Ink.” *Answers in Genesis Answers Magazine* (January-March): online text accessed 3/6/2013 (answersingenesis.org).
- . 2010b. “Creation scientists and other biographies of interest.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 1/22/2011).
- . 2010c. “Tikaalik—Walking Off the Stage.” *Answers in Genesis Answers Magazine* 28 June article posting (online text at answersingenesis.org accessed 2/17/2015).
- . 2010d. “Is Fossil Missing Link Between Man and Monkeys?” *Answers in Genesis* 17 July posting (online text at answersingenesis.org accessed 2/17/2015).
- . 2010e. “Fossil Finds Cause Little Change in Evolutionary History.” *Answers in Genesis* 4 September posting (online text at answersingenesis.org accessed 2/17/2015).
- . 2011a. “God Was Behind Big Bang, Pope Says.” Answers in Genesis *News to Note* posting 8 January (online text at answersingenesis.org accessed 1/22/2011).
- . 2011b. “All Change: Theories of Human Ancestry Get an Overhaul.” Answers in Genesis *News to Note* posting 8 January (online text at answersingenesis.org accessed 1/22/2011).
- . 2011c. “Beetle Defence Inspires University of Leeds Research.” Answers in Genesis *News to Note* posting 8 January (online text at answersingenesis.org accessed 1/22/2011).
- . 2011d. “Biblical Outrage: Public Dollars May Go To a Creationist Theme Park.” Answers in Genesis *News to Note* posting 8 January (online text at answersingenesis.org accessed 1/22/2011).

- accessed 1/22/2011).
- . 2011e. “Frog Teeth Causing Controversy Among Evolutionists.” *Answers in Genesis* “Kids answers” 24 March updated posting (online text at www.answersingenesis.org accessed 10/18/2014).
- . 2011f. “Odd Saber-Toothed Beast Discovered—Preyed on ... Plants?” *Answers in Genesis News to Note* posting 2 April (online text at answersingenesis.org accessed 2/20/2014).
- . 2011g. “15 Infant Dinosaurs Discovered Crowded in Nest.” *Answers in Genesis News to Note* posting 26 November (online text at answersingenesis.org accessed 3/5/2012).
- . 2011h. “Darwin’s Tongues.” *Answers in Genesis News to Note* posting 26 November (online text at answersingenesis.org accessed 3/5/2012).
- . 2011i. “Whale fossil bonanza in desert poses mystery.” *Answers in Genesis News to Note* posting 26 November (online text at answersingenesis.org accessed 3/5/2012).
- . 2012a. “John Woodmorappe.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 5/27/2012).
- . 2012b. “12 Arguments Evolutionists Should Avoid.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 5/30/2012).
- . 2012c. “College Questionnaire.” *Answers in Genesis* undated posting (online pdf at answersingenesis.org accessed 2/12/2013).
- . 2012d. “Common Ancestor Hidden in Burgess Shale.” *Answers in Genesis* 10 March posting (online text at answersingenesis.org accessed 8/28/2014).
- . 2012e. “DNA Decay Rate Evaluated.” *Answers in Genesis* 20 October posting (online text at answersingenesis.org accessed 6/8/2014).
- . 2012f. “Homosexuality Remains Sinful Choice.” *Answers in Genesis* 22 December posting (online text at answersingenesis.org accessed 6/8/2014).
- . 2014a. “Post-Debate Answers.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 2/20/2014).
- . 2014b. “Dr. Anthony R. Silvestro Jr.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 2/23/2016).
- . 2014c. “Bios.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 6/8/2016).
- . 2015. “Successful Predictions by Creation Scientists.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 6/27/2015).
- . 2016a. “Mammal-Like Reptiles: Transitional Forms?” *Answers in Genesis* undated “Kids” posting (online text at answersingenesis.org accessed 7/25/2016).
- . 2016b. “The Great Delusion.” *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 9/27/2016).
- . 2016c. “‘Dinosaur’ in Amber: Evolutionists Spin Another Tail.” *Answers in Genesis* 9 December posting (online text at answersingenesis.org accessed 12/10/2016).
- Answers to Evolution*. 2004. *Answers to Evolution: 16 Reasons to Doubt Darwinism*. Torrence, CA: Rose Publishing.
- Antal, Tibor, Hisashi Ohtsuki, John Wakeley, Peter D. Taylor, & Martin A. Nowak.** 2009. “Evolution of cooperation by phenotypic similarity.” *Proceedings of the National Academy of Sciences* **106** (26 May): 8597-8600.
- Antcliffe, Jonathan B., & Martin D. Brasier.** 2007a. “*Charnia* and sea pens are poles apart.” *Journal of the Geological Society, London* **164** (January): 49-51.
- . 2007b. “Towards a morphospace for the Ediacara biota.” *Geological Society, London, Special Publications* **286**: 377-386.
- . 2008. “*Charnia* at 50: Developmental models for Ediacaran fronds.” *Palaeontology* **51** (January): 11-26.
- Antcliffe, Jonathan B, Andrew J. Gooday, & Martin D. Brasier.** 2011. “Testing the protozoan hypothesis for Ediacaran fossils: a developmental analysis of *Palaeopascichnus*.” *Palaeontology* **54** (September): 1157-1175.
- Anthony, Sebastian.** 2014. “Biologists discover electric bacteria that eat pure electrons rather than sugar, redefining the tenacity of life.” *Extreme Tech* 18 July posting (online text at

- www.extremetech.com* accessed 7/9/2015).
- Anthwal, Neal, Leena Joshi, & Abigail S. Tucker.** 2013. “Evolution of the mammalian middle ear and jaw: adaptations and novel structures.” *Journal of Anatomy* **222** (January): 147-160.
- Anticevic, Alan, Mark Ganesos, John D. Murray, Grega Repovs, Naomi R. Driesen, Debra J. Ennis, Mark J. Niciu, Peter T. Morgan, Toral S. Surti, Michael H. Bloch, Ramachandran Ramani, Mark A. Smith, Xiao-Jing Wang, John H. Krystal, & Philip R. Corlett.** 2012. “NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia.” *Proceedings of the National Academy of Sciences* **109** (9 October): 16720-16725.
- Anti-Defamation League.* 2001. “Religion in the Public Schools.” *Anti-Defamation League* undated resources posting (online text at *www.adl.org* accessed 9/6/2002, not available as of 10/15/2014).
- Antilla, Liisa.** 2010. “Self-censorship and science: a geographical review of media coverage of climate tipping points.” *Public Understanding of Science* **19** (March): 240-256.
- Antinucci, Paride, Nikolas Nikolaou, Martin P. Meyer, & Robert Hindges.** 2013. “Teneurin-3 Specifies Morphological and Functional Connectivity of Retinal Ganglion Cells in the Vertebrate Visual System.” *Cell Reports* **5** (14 November): 582-592.
- Antoine, Pierre-Olivier.** 2012. “Pleistocene and Holocene rhinocerotids (Mammalia, Perissodactyla) from the Indochinese Peninsula.” *Comptes Rendus Palevol* **11** (March-April): 159-168.
- Antoine, Pierre-Olivier, Stéphane Ducrocq, Laurent Marivaux, Yaowalak Chairmanee, Jean-Yves Crochet, Jean-Jacques Jaeger, & Jean-Loup Welcomme.** 2003. “Early rhinocerotids (Mammalia: Perissodactyla) from South Asia and a review of the Holarctic Paleogene rhinocerotid record.” *Canadian Journal of Earth Sciences* **40** (March): 365-374.
- Antoine, Pierre-Olivier, Laurent Marivaux, Darin A. Croft, Guillaume Billet, Morgan Ganerød, Carlos Jaramillo, Thomas Martin, Maëva K. Orliac, Julia Tejada, Ali J. Altamirano, Francis Duranthon, Grégory Fanjat, Sonia Rousse, & Rodolfo Salas Gismondi.** 2012. “Middle Eocene rodents from Peruvian Amazonia reveal the pattern and timing of caviomorph origins and biogeography.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 April): 1319-1326.
- Antolin, Michael F.** 2011. “Evolution, Medicine, and the Darwin Family.” *Evolution: Education & Outreach* **4** (December): 613-623.
- Antolin, Michael F., & Joan M. Herbers.** 2001. “Evolution’s Struggle for Existence in America’s Public Schools.” *Evolution* **55** (December): 2379-2388.
- Antolin, Michael F., Kristin P. Jenkins, Carl T. Bergstrom, Bernard J. Crespi, Subhajyoti De, Angela Hancock, Kathryn A. Hanley, Thomas R. Meagher, Andres Moreno-Estrada, Randolph M. Nesse, Gilbert S. Omenn, & Stephen C. Stearns.** 2012. “Evolution and Medicine in Undergraduate Education: A Perspective.” *Evolution* **66** (June): 1991-2006.
- Antón, Mauricio, Manuel J. Salesa, Juan F. Pastor, Stéphane Peigné, & Jorge Morales.** 2006. “Implications of the functional anatomy of the hand and forearm of *Ailurus fulgens* (Carnivora, Ailuridae) for the evolution of the ‘false-thumb’ in pandas.” *Journal of Anatomy* **209** (December): 757-764.
- Anton, Sylvia, Katarina Evengard, Romina B. Barrozo, Peter Anderson, & Niels Skals.** 2011. “Brief predator sound exposure elicits behavioral and neuronal long-term sensitization in the olfactory system of an insect.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3401-3405.
- Antón, Susan C., Richard Potts, & Leslie C. Aiello.** 2014. “Evolution of early Homo: An integrated biological perspective.” *Science* **345** (4 July): 1236828 (online at *sciencemag.org*).
- Antonczak, Alicja K., Zuzana Simova, Isaac T. Yonemoto, Matthias Bochtler, Anna Piasecka, Honorata Czapińska, Andrea Brancale, & Eric M. Tippmann.** 2011. “Importance of single molecular determinants in the fidelity of expanded genetic codes.”

- Proceedings of the National Academy of Sciences* **108** (25 January): 1320-1325.
- Antonelis, Kyle, Daniel J. Johnson, M. Meghan Miller, & Randy Palmer.** 1999. "GPS determination of current Pacific-North American plate motion." *Geology* **27** (April): 299-302.
- Antonelli, Alexandre, Johan A. A. Nylander, Claes Persson, & Isabel Sanmartin.** 2009. "Tracing the impact of the Andean uplift on Neotropical plant evolution." *Proceedings of the National Academy of Sciences* **106** (16 June): 9749-9754.
- Antoniades, Dermot, Pierre Francus, Reinhard Pienitz, Guillaume St-Onge, & Warwick F. Vincent.** 2011. "Holocene dynamics of the Arctic's largest ice shelf." *Proceedings of the National Academy of Sciences* **108** (22 November): 18899-18904.
- Antonov, Anton, Bård G. Stokke, Arne Moksnes, & Elvin Røskaft.** 2009. "Evidence for egg discrimination preceding failed rejection attempts in a small cuckoo host." *Royal Society Biology Letters* **5** (April): 169-171.
- Antoshkina, Anna.** 2004. "Upper Ordovician in the Chernyshev Swell, Timan—northern Ural region," in Hints & Ainsaar (2004, 13-14).
- Anzai, Tatsuya, Takashi Shiina, Natsuki Kimura, Kazuyo Yanagiya, Sakae Kohara, Atsuko Shigenari, Tetsushi Yamagata, Jerzy K. Kulski, Taeko K. Naruse, Yoshifumi Fujimori, Yasuhito Fukuzumi, Masaaki Yamazaki, Hiroyuki Tashiro, Chie Iwamoto, Yumi Umehara, Tadashi Imanishi, Alice Meyer, Kazuho Ikee, Takashi Gojobori, Seiamak Bahram, & Hidetoshi Inoko.** 2003. "Comparative sequencing of human and chimpanzee MHC class I regions unveils insertions/deletions as the major path to genomic divergence." *Proceedings of the National Academy of Sciences* **100** (24 June): 7708-7713.
- Anzellotti, Stefano.** "Anterior temporal lobe and the representation of knowledge about people." *Proceedings of the National Academy of Sciences* **114** (18 April): 4042-4044.
- A. O.** 2011a. "Thermodynamics Falsified Evolution (part 1 of 2)." *The Religion of Islam* 24 February updated posting (online text at www.islamreligion.com accessed 3/10/2015).
- . 2011b. "Thermodynamics Falsified Evolution (part 2 of 2)." *The Religion of Islam* 14 February updated posting (online text at www.islamreligion.com accessed 3/10/2015).
- Aoki, Kazumasa, Kouki Kitajima, Hideki Masago, Manabu Nishizawa, Masanu Terabayashi, Soichi Omori, Takaomi Yokoyama, Naoto Takahata, Yuji Sano, & Shigenori Maruyama.** 2009. "Metamorphic P-T-time history of the Sanbagawa belt in central Shikoku, Japan and implications for retrograde metamorphism during exhumation." *Lithos* **113** (December): 393-407.
- . 2010. "Reply to 'Comment on "Metamorphic P-T-time history of the Sanbagawa belt in central Shikoku, Japan and implications for retrograde metamorphism during exhumation"' by S. R. Wallis and S. Endo." *Lithos* **116** (April): 197-199.
- Aoki, Seishiro, Motomi Ito, & Wataru Iwasaki.** 2013. "From β - to α -Proteobacteria: The Origin and Evolution of Rhizobial Nodulation Genes *nodJ*." *Molecular Biology and Evolution* **30** (November): 2495-2508.
- Aoki, W., N. Tominaga, T. C. Beers, S. Honda, & Y. S. Lee.** 2014. "A chemical signature of first-generation very massive stars." *Science* **345** (22 August): 912-915.
- Aossey, Gabby.** 2016. "Muslims Are the True Feminists." Huffington Post *The Blog* posting 10 May (online text at huffingtonpost.com accessed 7/1/2016).
- Aoudjehane, H. Chennaoui, G. Avice, J.-A. Barrat, O. Boudouma, G. Chen, M. J. M. Duke, I. A. Franchi, J. Gattacceca, M. M. Grady, R. C. Greenwood, C. D. K. Herd, R. Hewins, A. Jambon, B. Marty, P. Rochette, C. L. Smith, V. Sautter, A. Verchovsky, P. Weber, & B. Zanda.** 2012. "Tissint Martian Meteorite: A Fresh Look at the Interior, Surface, and Atmosphere of Mars." *Science* **338** (9 November): 785-788.
- Apakupakul, Kathleen, & Dustin R. Rubenstein.** 2015. "Bateman's principle is reversed in a cooperatively breeding bird." *Royal Society Biology Letters* **11** (April): 20150034.
- Apesteguía, Sebastián, Nathan D. Smith, Rubén Juárez Valieri, & Peter J. Makovicky.** 2016. "An Unusual New Theropod with a Didactyl Manus from the Upper Cretaceous of Patagonia, Argentina." *PLoS ONE* (online @ plosone.org) **11** (July): e0157793.
- Apesteguía, Sebastián, & Hussam Zaher.** 2006. "A Cretaceous terrestrial snake with robust

- hindlimbs and a sacrum.” *Nature* **440** (20 April): 1037-1040.
- Aplin, Lucy M., Damien R. Farine, Julie Morand-Ferron, Andrew Cockburn, Alex Thornton, & Ben C. Sheldon.** 2015. “Experimentally induced innovations lead to persistent culture via conformity in wild birds.” *Nature* **518** (26 February): 538-541.
- Aplin, Lucy M., Ben C. Sheldon, & Richard McElreath.** 2017. “Conformity does not perpetuate suboptimal traditions in a wild population of songbirds.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7830-7837.
- Apollo Hoax.* 2001. “So who are people who promote the Apollo hoax theories?” *Apollo Hoax* posting (online text at www.apollo-hoax.co.uk accessed 2/19/2001, not available as of 11/2/2013).
- Appel, H. M., & R. B. Cocroft.** 2014. “Plants respond to leaf vibrations caused by insect herbivore chewing.” *Oecologia* **175** (August): 1257-1266.
- Appell, David.** 1999. “Speaking Up For Science.” *Scientific American* **281** (November): 22, 24.
- Appenzeller, Tim.** 1992. “A Conundrum at Steens Mountain.” *Science* **255** (3 January): 31.
- . 1999. “Test Tube Evolution Catches Time in a Bottle.” *Science* **284** (25 June): 2108.
- . 2012. “Eastern odyssey.” *Nature* **485** (3 May): 24-26.
- . 2013. “Old masters.” *Nature* **497** (16 May): 302-304.
- Applegate, David.** 2000a. “Anti-Evolutionists Open a New Front.” *Reports of the National Center for Science Education* **20** (January-April): 6-7.
- . 2000b. “‘Intelligent Design’ Goes to Washington: Evolution Opponents Brief Congress.” *Skeptical Inquirer* **24** (July/August): 7-8.
- Applegate, David, & Alison Alcott.** 2001. “State Challenges to the Teaching of Evolution (3-18-01).” American Geophysical Institute *Government Affairs Program* 18 March updated posting (online text at www.agiweb.org accessed 1/5/2014).
- Applegate, David, Mary Patterson, & Heather Golding.** 2002. “State Challenges to the Teaching of Evolution (10-4-02).” American Geophysical Institute *Government Affairs Program* 4 October updated posting (online text at www.agiweb.org accessed 10/22/2002).
- . 2003. “State Challenges to the Teaching of Evolution (1-7-03).” American Geophysical Institute *Government Affairs Program* 7 January updated posting (online text at www.agiweb.org accessed 1/2/2014).
- Applegate, Kathryn.** 2010a. “Adaptive Immunity: How Randomness Comes to the Rescue.” *The BioLogos Foundation* posting 13 May (online text at biologos.org accessed 2/3/2013).
- . 2010b. “Evolution and Immunity: Same Story?” *The BioLogos Foundation* posting 28 May (online text at biologos.org accessed 2/3/2013).
- . 2010c. “Behe’s B Cell Bravado, Part 1.” *The BioLogos Foundation* posting 11 June (online text at biologos.org accessed 7/9/2010).
- . 2010d. “Behe’s B Cell Bravado, Part 2: Why Irreducible Complexity Fails.” *The BioLogos Foundation* posting 29 June (online text at biologos.org accessed 7/9/2010).
- . 2010e. “Behe’s B Cell Bravado, Part 3: Failure to Engage the Evidence.” *The BioLogos Foundation* posting 7 July (online text at biologos.org accessed 7/9/2010).
- Applegate, Kathryn, Deborah Haarsma, & Darrel Falk.** 2012a. “A BioLogos Response to Kenneth Keathley, Part 1.” *The BioLogos Foundation* posting 1 March (online text at biologos.org accessed 2/22/2014).
- . 2012b. “A BioLogos Response to Kenneth Keathley, Part 2.” *The BioLogos Foundation* posting 1 March (online text at biologos.org accessed 2/22/2014).
- Appleton, Laurie.** 2015. “Unfossilized Dinosaur Bones.” *The Age of the Earth* undated posting (online text at www.earthage.org accessed 3/18/2016).
- Appleyard, Bryan.** 2000. “You asked for it.” *New Scientist* **166** (22 April): 44-45.
- . 2009. “For God’s sake, have Charles Darwin’s theories made any difference to our lives?” *The Sunday Times* (London) posting 11 January accessed 7/18/2010 (timesonline.co.uk).
- Appling, Julaine, Michelle Bachmann, Diana Banister, Matt Barber, Gary Bauer, E. Calvin Beisner, William J. Bennett, Tom Benton, Morton Blackwell, Ken Blackwell, Andreson Blom, John Boehner, R. Edgar Bonniwell, William Boykin, David Bozell, L.**

- Brent Bozell, Rensselaer Broekhuizen, Brian Brown, Floyd Brown, Michael Brown, Sam Brownback, Phil Burrell, Dave Bydalek, Herman Cain, Mandi Campbell, Eric Cantor, John Carter, Clint Cline, Victoria Cobb, Chuck Colson, Carroll Conley, Ken Cuccinelli, David Crowe, Jim DeMint, David Denholm, Len Deo, Bill Donohue, Kyle Drennen, Becky Norton Dunlop, Jeremiah Dys, David Eaton, Louie Engle, Erick Woods-Erickson, Steven Fitschen, John Fleming, David Fowler, Trent Franks, Tom Freier, Frank Gaffney, Maggie Gallagher, Jim Garlow, Louie Gohmert, Diane Gramley, William Greene, Matthew Hadro, Colin Hanna, Gregg Harper, Linda Harvey, Jessica Haverkate, John Helmberger, Jeb Hensarling, Cathi Herrod, Jack Hibbs, Mike Huckabee, Chuck Hurley, Jody Hutchen, Harry Jackson, Cindy Jacobs, Phillip Jauregui, Bobby Jindal, Bill Johnson, Jim Jordan, Rick Joyner, Ray Kastner, Alveda King, Steve King, Robert Knight, Andrea Lafferty, Richard Land, Curt Levey, Mark Levin, David Limbaugh, Donna Lippoldt, Rich Lowry, Julie Lynde, Patrick Mangan, Donald Mancullo, Kevin McCarthy, Derek McCoy, Robert F. McDonnell, Jason McGuire, Edwin Meese III, Gene Mills, Kris Mineau, Jim Minnery, Tom Minnery, Cieta Mitchell, Abby Moffat, Penny Nance, C. Preston Noell III, Alan Nunnelee, Joe Ortwerth, Hector Padron, Star Parker, Janet Parshall, Frank Pavone, Tim Pawlenty, Mike Pence, Dan Pennell, Joe Pitts, Christopher Plante, Franklin Raff, Alfred Regnery, Patrick Reilly, Peter Rosham, Rick Santorum, Steve Scalise, Phyllis Schlafly, Joseph Sergio, Kelly Shackelford, Tom Shields, Elaine Silodor Berk, David Smith, Kevin Smith, Lamar Smith, Mark Spengler, Mathew Staver, John Stemberger, David Stevens, Tom Stiles, Mark Tapscott, Nicole Theis, Rick Tyler, Fred Upton, Becky Vandeberghe, Richard Viguerie, Roger Villere Jr., David Vitter, William Walton, Roger Wicker, Tim Wildmon, Peter Wolfgang, Wendy Wright, & Richard Ziser.** 2010. "Start Debating/Stop Hating." *Family Research Council* December petition flier posting (online pdf at frc.org accessed 5/26/2014).
- Aprea, Julieta, & Federico Calegari.** 2015. "Long non-coding RNAs in corticogenesis: deciphering the non-coding code of the brain." *The EMBO Journal* **34** (2 December): 2865-2884.
- A Question of Origins.* 2004. *A Question of Origins: Examining the Creation/Evolution Controversy.* DVD produced by Eternal Productions.
- Arai, Taiga, Kensuke Ishiguro, Satoshi Kimura, Yuriko Sakaguchi, Takeo Suzuki, & Tsutomu Suzuki.** 2015. "Single methylation of 23S rRNA triggers late steps of 50S ribosomal subunit assembly." *Proceedings of the National Academy of Sciences* **112** (25 August): E4707-E4716.
- Araiso, Yuhei, R. Lynn Sherrer, Ryuichiro Ishitani, Joanne M. L. Ho, Dieter Söll, & Osama Nureki.** 2009. "Structure of a tRNA-dependent kinase essential for selenocysteine decoding." *Proceedings of the National Academy of Sciences* **106** (22 September): 16215-16220.
- Arakaki, Mónica, Pascal-Antoine Christin, Reto Nyffeler, Anita Lendel, Urs Egli, R. Matthew Ogburn, Elizabeth Spriggs, Michael J. Moore, & Erika J. Edwards.** 2011. "Contemporaneous and recent radiations of the world's major succulent plant lineages." *Proceedings of the National Academy of Sciences* **108** (17 May): 8379-8384.
- Arakawa, Kazuharu.** 2016. "No evidence for extensive horizontal gene transfer from draft genome of a tardigrade." *Proceedings of the National Academy of Sciences* **113** (31 May): E3057.
- Araki, H., S. Tazawa, H. Noda, Y. Ishihara, S. Goossens, S. Sasaki, N. Kawano, I. Kamiya, H. Otahe, J. Oberst, & C. Shum.** 2009. "Lunar Global Shape and Polar Topography Derived from Kaguya-LALT Laser Altimetry." *Science* **323** (13 February): 897-900.
- Araki, Tsuyoshi, Takefumi Kawata, & Jeffrey G. Williams.** 2012. "Identification of the kinase that activates a nonmetazoan STAT gives insights into the evolution of phosphotyrosine-SH2 domain signaling." *Proceedings of the National Academy of Sciences* **109** (10 July): E1931-E1937.
- Arana, Gabriel.** 2012. "My So-Called Ex-Gay Life." *The American Prospect* posting 11 April (online text at prospect.org accessed 4/17/2012).

- Araujo, Douglas, Marielle Cristina Schneider, Emygdio Paula-Neto, & Doralice Maria Cella.** 2012. "Sex Chromosomes and Meiosis in Spiders: A Review," in Swan (2012, 87-108).
- Araújo, R., M. J. Polcyn, J. Lindgren, L. L. Jacobs, A. S. Schulp, O. Mateus, A. Olímpio Gonçalves, & M.-L. Morais.** 2015. "New aristonectine elasmosaurid plesiosaur specimens from the Early Maastrichtian of Angola and comments on paedomorphism in plesiosaurs." *Netherlands Journal of Geosciences* **94** (March): 93-108.
- Aravind, L., Vivek Anantharaman, & Eugene V. Koonin.** 2002. "Monophyly of Class I Aminoacyl tRNA Synthetase, USPA, ETFP, Photolyase, and PP-ATPase Nucleotide-Binding Domains: Implications for Protein Evolution in the RNA World." *Proteins: Structure, Function, and Bioinformatics* **48** (1 July): 1-14.
- Aravind, L., Vishva M. Dixit, & Eugene V. Koonin.** 2001. "Apoptotic Molecular Machinery: Vastly Increased Complexity in Vertebrates Revealed by Genome Comparisons." *Science* **291** (16 February): 1279-1284.
- Aravind, L., Raja Mazumder, Sona Vasudevan, & Eugene V. Koonin.** 2002. "Trends in protein evolution inferred from sequence and structural analysis." *Current Opinion in Structural Biology* **12** (June): 392-399.
- Aravind, L., D. Roland Walker, & Eugene V. Koonin.** 1999. "Conserved domains in DNA repair proteins and evolution of repair systems." *Nucleic Acids Research* **27** (1 March): 1223-1242.
- Araya, Carlos L., Trupti Kawli, Anshul Kundaje, Lixia Jiang, Beijing Wu, Dionne Vafeados, Robert Terrell, Peter Weissdepp, Louis Gevirtzman, Daniel Mace, Wei Niu, Alan P. Boyle, Dan Xie, Lijia Ma, John I. Murray, Valerie Reinke, Robert H. Waterston, & Michael Snyder.** 2014. "Regulatory analysis of the *C. elegans* genome with spatiotemporal resolution." *Nature* **512** (28 August): 400-405.
- Arbeitshuber, Barbara, Andrea J. Betancourt, Thomas Ebner, & Irene Tiemann-Boege.** 2015. "Crossovers are associated with mutation and biased gene conversion at recombination hotspots." *Proceedings of the National Academy of Sciences* **112** (17 February): 2109-2114.
- Arbib, Michael A.** 2003. "Predicates: External description or neural reality?" *Behavioral and Brain Sciences* **26** (3): 285-286.
- . 2005. "From Monkey-like Action Recognition to Human Language: An Evolutionary Framework for Neurolinguistics." *Behavioral and Brain Sciences* **28** (2): 105-124.
- Arbogast, Brian S.** 2007. "A Brief History of the New World Flying Squirrels: Phylogeny, Biogeography, and Conservation Genetics." *Journal of Mammalogy* **88** (August): 840-849.
- Arbogast, Brian S., Sergei V. Drovetski, Robert L. Curry, Peter T. Boag, Gilles Seutin, Peter R. Grant, B. Rosemary Grant, & David J. Anderson.** 2006. "The Origin and Diversification of Galapagos Mockingbirds." *Evolution* **60** (February): 370-382.
- Arbour, Victoria M., & Philip J. Currie.** 2011. "An istiodactylid pterosaur from the Upper Cretaceous Nanaimo Group, Hornby Island, British Columbia, Canada." *Canadian Journal of Earth Sciences* **48** (January): 63-69.
- Arbour, Victoria M., & Eric Snively.** 2009. "Finite Element Analyses of Ankylosaurid Dinosaur Tail Club." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1412-1426.
- Arcadi, A. Clark.** 2006. "Species resilience in Pleistocene hominids that traveled far and ate widely: An analogy to the wolf-like canids." *Journal of Human Evolution* **51** (October): 383-394.
- Arcaro, Michael J., & Margaret S. Livingstone.** 2017. "A hierarchical, retinotopic proto-organization of the primate visual system at birth." *eLife* (online @ elifesciences.org) **6** (3 July): e26196.
- Archer, C. Ruth, Eoin Duffy, David J. Hosken, Mikael Mokkonen, Kensuke Okada, Keiko Oku, Manmohan D. Sharma, & John Hunt.** 2015. "Sex-specific effects of natural and sexual selection on the evolution of the span and ageing in *Drosophila simulans*." *Functional Ecology* **29** (April): 562-569.
- Archer, David.** 2003. "Who Threw That Snowball?" *Science* **302** (31 October): 791-792.

- . 2007. “My model, used for deception.” *RealClimate* 4 December posting (online text at www.realclimate.org accessed 6/25/2011).
- Archer, David, Bruce Buffett, & Victor Brovkin.** 2009. “Ocean methane hydrates as a slow tipping point in the global carbon cycle.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20596-20601.
- Archer, Gleason L.** 1982. *Encyclopedia of Bible Difficulties*. Grand Rapids, MI: Zondervan Publishing House.
- Archer, Michael.** 1994. “Mammals Eggstraordinaire.” *Natural History* **103** (May): 48-49.
- Archer, Michael, & Georgina Clayton,** eds. 1984. *Vertebrate Zoogeography & Evolution in Australasia*. Marrickville, Australia: Hesperian Press.
- Archer, Michael, Timothy F. Flannery, Alex Ritchie, & R. E. Molnar.** 1985. “First Mesozoic mammal from Australia—an early Cretaceous monotreme.” *Nature* **318** (28 November): 363-366.
- Archer, Michael, Farish A. Jenkins Jr., Suzanne J. Hand, Peter Murray, & Henk Godthelp.** 1992. “Description of the skull and non-vestigial dentition of a Miocene platypus (*Obdurodon dicksoni* n. sp.) from Riversleigh, Australia, and the problem of monotreme origins,” in Augee (1992, 15-27).
- Archer, Phil.** 2010. “An Evening with Creationist Carl Kerby.” 18 June posting (online text at philarcher.org accessed 5/10/2014).
- Archer, Simon N., Emma E. Liang, Carla S. Möller-Levet, Daan R. van der Veen, Giselda Bucca, Alpar S. Lazar, Nayantara Santhi, Ana Slak, Renata Kabiljo, Malcolm von Schantz, Colin P. Smith, & Derk-Jan Dijk.** 2014. “Mistimed sleep disrupts circadian regulation of the human transcriptome.” *Proceedings of the National Academy of Sciences* **111** (11 February): E682-E691.
- Archetti, Marco.** 2004a. “Codon Usage Bias and Mutation Constraints Reduce the Level of Error Minimization of the Genetic Code.” *Journal of Molecular Evolution* **59** (August): 258-266.
- . 2004b. “Selection on Codon Usage for Error Minimization at the Protein Level.” *Journal of Molecular Evolution* **59** (September): 400-415.
- Archibald, David C.** 2006. “Solar Cycles 24 and 25 and Predicted Climate Response.” *Energy & Environment* **17** (1): 29-35.
- . 2007. “The Past and Future of Climate.” *Origins* posting of presentation to *The Lavoisier Group* 29-30 June Workshop on “Rehabilitating Carbon Dioxide” in Melbourne, Australia (online pdf at www.alcazar.net accessed 6/15/2011).
- Archibald, J. David, & Alexander O. Averianov.** 2006. “Late Cretaceous asioryctitherian eutherian mammals from Uzbekistan and phylogenetic analysis of Asioryctitheria.” *Acta Palaeontologica Polonica* **51** (2): 351-376.
- Archibald, J. David, Alexander O. Averianov, & Eric G. Ekdale.** 2001. “Late Cretaceous relatives of rabbits, rodents, and other extant eutherian mammals.” *Nature* **414** (1 November): 62-65.
- Archibald, J. David, Yue Zhang, Tony Harper, & Richard L. Cifelli.** 2011. “*Protungulatum*, Confirmed Cretaceous Occurrence of an Otherwise Paleocene Eutherian (Placental?) Mammal.” *Journal of Mammalian Evolution* **18** (September): 153-161.
- Archibald, John M.** 2006. “Endosymbiosis: Double-Take on Plastid Origins.” *Current Biology* **16** (5 September): R690-R692.
- . 2007. “Nucleomorph genomes: structure, function, origin and evolution.” *BioEssays* **29** (April): 392-402.
- . 2008a. “Plastid evolution: Remnant Algal Genes in Ciliates.” *Current Biology* **18** (5 August): R663-R665.
- . 2008b. “The eocyte hypothesis and the origin of eukaryotic cells.” *Proceedings of the National Academy of Sciences* **105** (23 December): 20049-20050.
- . 2009a. “The origin and spread of eukaryotic photosynthesis: evolving views in light of genomics.” *Botanica Marina* **52** (April): 95-103.
- . 2009b. “Green Evolution, Green Revolution.” *Science* **324** (10 April): 191-192.

- . 2015a. “Genomic perspectives on the birth and spread of plastids.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10147-10153.
- . 2015b. “Gene transfer in complex cells.” *Nature* **524** (27 August): 423-424.
- . 2015c. “Endosymbiosis and Eukaryotic Cell Evolution.” *Current Biology* **25** (5 October): R911-R921.
- Archibald, John M., Christian Blouin, & W. Ford Doolittle.** 2001. “Gene Duplication and the Evolution of Group II Chaperonins: Implications for Structure and Function.” *Journal of Structural Biology* **135** (August): 157-169.
- Archibald, John M., & Patrick J. Keeling.** 2002. “Recycled plastids: a ‘green movement’ in eukaryotic evolution.” *Trends in Genetics* **18** (November): 577-584.
- . 2003. “Plant genomes: cyanobacterial genes revealed.” *Heredity* **90** (January): 2-3.
- Archibald, John M., & Christopher E. Lane.** 2009. “Going, Going, Not Quite Gone: Nucleomorphs as a Case Study in Nuclear Genome Reduction.” *Journal of Heredity* **100** (September-October): 582-590.
- Archibald, John M., John M. Logsdon Jr., & W. Ford Doolittle.** 2000. “Origin and Evolution of Eukaryotic Chaperonins: Phylogenetic Evidence for Ancient Duplications in CCT Genes.” *Molecular Biology and Evolution* **17** (October): 1456-1466.
- Archibald, John M., Charles J. O’Kelly, & W. Ford Doolittle.** 2002. “The Chaperonin Genes of Jakobid and Jakobid-Like Flagellates: Implications for Eukaryotic Evolution.” *Molecular Biology and Evolution* **19** (April): 422-431.
- Archibald, John M., & Thomas A. Richards.** 2010. “Gene transfer: anything goes in plant mitochondria.” *BMC Biology* (online @ biomedcentral.com) **8** (22 December): 147.
- Archibald, John M., Matthew B. Rogers, Michael Toop, Ken-ichiro Ishida, & Patrick J. Keeling.** 2003. “Lateral gene transfer and the evolution of plastid-targeted proteins in the secondary plastid-containing alga *Bigeloviella natans*.” *Proceedings of the National Academy of Sciences* **100** (24 June): 7678-7685.
- Archibald, S. Bruce & Sven Bradler.** 2015. “Stem-group stick insects (Phasmatodea) in the early Eocene at McAbee, British Columbia, Canada, and Republic, Washington, United States of America.” *The Canadian Entomologist* **147** (February): 1-10.
- Archibald, S. Bruce, Kirk R. Johnson, Rolf W. Mathewes, & David R. Greenwood.** 2011. “Intercontinental dispersal of giant thermophilic ants across the Arctic during early Eocene hyperthermals.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (22 December): 3679-3686.
- Archibald, S. Bruce, Vladimir N. Makarkin, David R. Greenwood, & Gregg F. Gunnell.** 2014. “The Red Queen and Court Jester in Green Lacewing Evolution: Bat Predation and Global Climate Change.” *Palaios* **29** (July): 185-191.
- Archibald, Sally, A. Carla Staver, & Simon A. Levin.** 2012. “Evolution of human-driven fire regimes in Africa.” *Proceedings of the National Academy of Sciences* **109** (17 January): 847-852.
- Archidiacono, Nicoletta, Rachele Antonacci, Rosalia Marzella, Palma Finelli, Angelo Lonoce, & Mariano Rocchi.** 1995. “Comparative mapping of human aliphoid sequences in great apes using fluorescence *in situ* hybridization.” *Genomics* **25** (20 January): 447-484.
- Archie, Elizabeth A., Jeanne Altmann, & Susan C. Alberts.** 2012. “Social status predicts wound healing in wild baboons.” *Proceedings of the National Academy of Sciences* **109** (5 June): 9017-9022.
- Archilli, F., M.-O. Bettler, P. Owen, & K. A. Petridis.** 2017. “Flavour-changing neutral currents making and breaking the standard model.” *Nature* **546** (8 June): 221-226.
- Arcone, Steven A., Vandy B. Spikes, & Gordon S. Hamilton.** 2005. “Stratigraphic variation within polar firn caused by differential accumulation and ice flow: interpretation of a 400 MHz short-pulse radar profile from West Antarctica.” *Journal of Glaciology* **51** (174): 407-422.
- Arctic Sea-ice Monitor.* 2014a. “Data of Sea Ice Extent.” Japan Aerospace Exploration Agency *Arctic Sea-ice Monitor* undated posting (online text at www.ijis.iarc.uaf.edu accessed 6/8/2014).

- . 2014b. “Revised Sea Ice Extent Data.” Japan Aerospace Exploration Agency *Arctic Sea-ice Monitor* undated posting (online text at www.ijis.iarc.uaf.edu accessed 6/8/2014).
- Arcucci, Andrea.** 1986. “New materials and reinterpretation of *Lagerpeton chanarensis* Romer (Thecodontia, Lagerpetonidae nov.) from the Middle Triassic of La Rioja, Argentina.” *Ameghiniana* **23** (3-4): 233-242.
- Ardila, Alfredo.** 2008. “On the evolutionary origins of executive functions.” *Brain and Cognition* **68** (October): 92-99.
- Ardini, Elena, Graziano Pesole, Elda Tagliabue, Alessandra Magnifico, Vincent Castronovo, Mark E. Sobel, Maria I. Colnaghi, & Sylvie Ménard.** 1998. “The 67 kDa Laminin Receptor Originated from a Ribosomal Protein that Acquired a Dual Function During Evolution.” *Molecular Biology and Evolution* **15** (August): 1017-1025.
- Ardipithecus.** 1998. “Niles Eldredge Says that the Geologic Column is Circular Reasoning?” Undated posting (online text at members.cox.net/ardipithecus accessed 9/24/2002, not available as of 1/6/2014).
- . 2011. “Ar-Ar Dating Assumes There Is No Excess Argon?” Undated posting (online text at members.cox.net/ardipithecus accessed 5/7/2011, not available as of 1/6/2014).
- Arditti, Joseph, John Elliott, Ian J. Kitching, & Lutz T. Wasserthal.** 2012. “‘Good Heavens what insect can suck it’—Charles Darwin, *Angraecum sesquipedale* and *Xanthopan morgani praedicta*.” *Botanical Journal of the Linnean Society* **169** (July): 403-432.
- Arduini, Francis J.** 1987. “Design, Created Kinds, and Engineering.” *Creation/Evolution* **7** (Spring): 19-24.
- Arel, Dan.** 2014a. “Neil deGrasse Tyson Praises Scientist Who Knew to Check His Religion at the Door; Creationists Go Apoplectic.” AlterNet *Belief* 12 May (online text at alternet.org accessed 6/1/2014).
- . 2014b. “The Christian right’s 5 worst scientific claims.” *Salon.com* 23 July (online text at salon.com accessed 7/23/2015).
- . 2014c. “Ken Ham’s 10 facts that prove creationism—Debunked.” *Danthropology* 24 August posting (online text at www.patheos.com accessed 4/2/2015).
- . 2014d. “Kirk Cameron: Historians don’t know the history of Christmas.” *Danthropology* 12 November posting (online text at www.patheos.com accessed 11/12/2014).
- . 2015a. “Did Bill Nye once support creationism on Bill Nye the Science Guy?” *Danthropology* 6 March posting (online text at www.patheos.com accessed 3/6/2015).
- . 2015b. “Ken Ham believes this is what giraffes looked like on the ark...” *Danthropology* 24 March posting (online text at www.patheos.com accessed 3/25/2015).
- . 2015c. “Ken Ham exploits Nepal earthquake to push young earth creationism.” *Danthropology* 30 April posting (online text at www.patheos.com accessed 4/30/2015).
- . 2015d. “The Duggars want a new reality show in which they counsel sex abuse victims.” *Danthropology* 17 August posting (online text at www.patheos.com accessed 8/17/2015).
- Arena, Derrick A.** 2008. “Exceptional Preservation of Plants and Invertebrates by Phosphatization, Riversleigh, Australia.” *Palaïos* **23** (July): 495-502.
- Arenas, Miguel, & David Posada.** 2010. “The Effect of Recombination on the Reconstruction of Ancestral Sequences.” *Genetics* **184** (April): 1133-1139.
- Arenas-Mena, César.** 2007. “Developmental transcriptional-competence model for a histone variant and a unicellular origin scenario for transcriptional-multipotency mechanisms.” *Evolution & Development* **9** (May-June): 208-211.
- . 2010. “Indirect development, transdifferentiation and the macroregulatory evolution of metazoans.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 February): 653-669.
- Arenas-Mena, César, Andrew R. Cameron, & Eric H. Davidson.** 2000. “Spatial expression of *Hox* cluster genes in the ontogeny of a sea urchin.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **127** (1 November): 4631-4643.
- Arenas-Mena, César, Pedro Martinez, Andrew R. Cameron, & Eric H. Davidson.** 1998. “Expression of the *Hox* gene complex in the indirect development of a sea urchin.” *Proceedings of the National Academy of Sciences* **95** (27 October): 13062-13067.

- Arends, Gunna, & Uda Schramm.** 2004. "The structure of the human semilunar plica at different stages of its development—a morphological and morphometric study." *Annals of Anatomy* **186** (June): 195-207.
- Arendt, Anthony A.** 2011. "Assessing the Status of Alaska's Glaciers." *Science* **332** (27 May): 1044-1045.
- Arendt, Detlev.** 2003. "Evolution of eyes and photoreceptor cell types." *International Journal of Developmental Biology* **47** (7/8): 563-571.
- . 2011. "Annelid who's who." *Nature* **471** (3 March): 44-45.
- Arendt, Detlev, Elia Benito-Gutierrez, Thibaut Brunet, & Heather Marlow.** 2015. "Gastric pouches and the mucociliary sole: setting the stage for nervous system evolution." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (19 December): 20150286.
- Arendt, Detlev, Alexandru S. Denes, Gáspár Jékely, & Kristin Tessmar-Raible.** 2008. "The evolution of nervous system centralization." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1523-1528.
- Arendt, Detlev, Harald Hausen, & Günter Purschke.** 2009. "The 'division of labour' model of eye evolution." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2809-2817.
- Arendt, Detlev, Jacob M. Musser, Clare V. H. Baker, Aviv Bergman, Connie Cepko, Douglas H. Erwin, Mihaela Pavlicev, Gerhard Schlosser, Stefanie Widder, Manfred D. Laubichler, & Günter P. Wagner.** 2016. "The origin and evolution of cell types." *Nature Reviews Genetics* **17** (December): 744-757.
- Arendt, Detlev, Kristin Tessmar, Maria-Ines Medeiros de Campos-Baptista, Adriaan Dorresteijn, & Joachim Wittbrodt.** 2002. "Development of pigment-cup eyes in the polychaete *Platynereis dumerilii* and evolutionary conservation of larval eyes in Bilateria." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **129** (1 March): 1143-1154.
- Arendt, Detlev, Kristin Tessmar-Raible, Heidi Snyman, Adriaan Dorresteijn, & Joachim Wittbrodt.** 2004. "Ciliary Photoreceptors with a Vertebrate-Type Opsin in an Invertebrate Brain." *Science* **306** (29 October): 869-871.
- Arendt, Jeffrey D., & David N. Reznick.** 2005. "Evolution of juvenile growth rates in female guppies (*Poecilia reticulata*): predator regime or resource level?" *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (7 February): 333-337.
- Arendt, Maja, Tove Fall, Kerstin Lindblad-Toh, & Erik Axelsson.** 2014. "Amylase activity is associated with *AMY2B* copy numbers in dog: implications for dog domestication, diet and diabetes." *Animal Genetics* **45** (October): 716-722.
- Arens, Nan Crystal, & Ian D. West.** 2008. "Press-pulse: a general theory of mass extinction?" *Paleobiology* **34** (November): 456-471.
- Arganda, Sara, Alfonso Pérez-Escudero, & Gonzalo G. de Polavieja.** 2012. "A common rule for decision making in animal collectives across species." *Proceedings of the National Academy of Sciences* **109** (11 December): 20514-20519.
- Argento, Mike.** 2005a. "Scientists, sex mark Day 10." *The York Daily Record* (Dover, Pennsylvania) posting 18 October (online text at www.ydr.com accessed 10/27/2005, not available as of 4/11/2014).
- . 2005b. "Intelligent design's plea for help." *The York Daily Record* (Dover, Pennsylvania) posting 25 October (online text at www.ydr.com accessed 10/30/2005, not available as of 4/11/2014).
- . 2005c. "Buckingham seesaws on the stand." *The York Daily Record* (Dover, Pennsylvania) posting 28 October (online text at www.ydr.com accessed 10/30/2005, not available as of 4/11/2014).
- . 2005d. "In Dover suit, a day to sweat." *The York Daily Record* (Dover, Pennsylvania) posting 1 November (online text at www.ydr.com accessed 11/2/2005, not available as of 4/11/2014).
- Argod, Robert.** 2003. *Out of Antarctica: Reflections on the Origin of Peoples*. London:

- Richmond Editions.
- Argue, D., M. J. Morwood, T. Sutikna, Jatniko, & E. W. Saptomo.** 2009. “*Homo floresiensis*: a cladistic analysis.” *Journal of Human Evolution* **57** (November): 623-639.
- Ari, Csilla, & Dominic P. D’Agostino.** 2016. “Contingency checking and self-directed behaviors in giant manta rays: Do elasmobranchs have self-awareness?” *Journal of Ethology* **34** (May): 167-174.
- Aria, Cédric, & Jean-Bernard Caron.** 2017. “Burgess Shale fossils illustrate the origin of the mandibulate body plan.” *Nature* **545** (4 May): 89-92.
- Arias, Alfonso Martínez.** 1994. “Insects take a homeotic test.” *Nature* **372** (1 December): 408.
- Ariel, Federico D., Pablo A. Manavella, Carlos A. Dezar, & Raquel L. Chan.** 2007. “The true story of the HD-Zip family.” *Trends in Plant Science* **12** (September): 419-426.
- Ariely, Dan.** 2012. *The (Honest) Truth About Dishonesty: How We Lie to Everyone—Especially Ourselves*. New York: HarperCollins Publishers.
- Ariga, Takayuki, Tomoko Masaike, Hiroyuki Noji, & Masasuke Yoshida.** 2002. “Stepping Rotation of F₁-ATPase with One, Two, or Three Altered Catalytic Sites That Bind ATP Only Slowly.” *The Journal of Biological Chemistry* **277** (12 July): 24870-24874.
- Arimura, Gen-ichiro, Kenji Matsui, & Junji Takabayashi.** 2009. “Chemical and Molecular Ecology of Herbivore-Induced Plant Volatiles: Proximate Factors and Their Ultimate Functions.” *Plant & Cell Physiology* **50** (May): 911-923.
- Arinaminpathy, Nimalan, Oliver Ratmann, Katia Koelle, Suzanne L. Epstein, Graeme E. Price, Cecile Viboud, Mark A. Miller, & Bryan T. Grenfell.** 2012. “Impact of cross-protective vaccines on epidemiological and evolutionary dynamics of influenza.” *Proceedings of the National Academy of Sciences* **109** (21 February): 3173-3177.
- Aris-Brosou, Stéphane, & Ziheng Yang.** 2003. “Bayesian Models of Episodic Evolution Support a Late Precambrian Explosive Diversification of the Metazoa.” *Molecular Biology and Evolution* **20** (December): 1947-1954.
- Aristide, Leandro, Sergio Furtado dos Reis, Alessandra C. Machado, Inaya Lima, Ricardo T. Lopes, & S. Ivan Perez.** 2016. “Brain shape convergence in the adaptive radiation of New World monkeys.” *Proceedings of the National Academy of Sciences* **113** (23 February): 2158-2163.
- Arisue, Nobuko, Lidya B. Sánchez, Louis M. Weiss, Miklós Müller, & Tetsuo Hashimoto.** 2002. “Mitochondrial-type hsp70 genes of the amitochondriate protists, *Giardia intestinalis*, *Entamoeba histolytica* and two microsporidians.” *Parasitology International* **51** (March): 9-16.
- Arita, Masanori.** 2004. “The metabolic world of *Escherichia coli* is not small.” *Proceedings of the National Academy of Sciences* **101** (10 February): 1543-1547.
- Arizona Daily Independent.* 2014. “Arizona Speaker denied access to BP facility housing unaccompanied children.” *Arizona Daily Independent* posting 12 June: online text accessed 7/10/2014 (www.arizonadailyindependent.com).
- Arkani-Hamed, Nima, Savas Dimopoulos, & Georgi Dvali.** 2000. “The Universe’s Unseen Dimensions.” *Scientific American* **283** (August): 62-69.
- Ark Encounter.* 2015. “Tour Of The Ark Fabrication Area.” *Ark Encounter* 24 March posting (online text at arkencounter.com accessed 4/21/2016).
- . 2016. “Stats.” *Ark Encounter* posting (online pdf at assets.arkencounter.com accessed 7/20/2016).
- Arkin, Adam, John Ross, & Harley H. McAdams.** 1998. “Stochastic Kinetic Analysis of Developmental Pathway Bifurcation in Phage λ -Infected *Escherichia coli* Cells.” *Genetics* **149** (August): 1633-1648.
- Arlt, Martin F., Alev Cagla Ozdemir, Shanda R. Birkeland, Thomas E. Wilson, & Thomas W. Glover.** 2011. “Hydroxyurea induces de novo copy number variants in human cells.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17360-17365.
- Armao, Jo-Ann.** 2008. “Creationism’s Latest Mutation.” *The Washington Post* posting 20 May: online text accessed 9/17/2013 (www.washingtonpost.com).
- Armbruster, W. Scott.** 2008. “Association between Floral Specialisation, Speciation, and

- Diversity: Cause, Effect, or Correlation?” *Lund University* (Sweden) lecture posting (online pdf at www.diversification.ekol.lu.se accessed 6/12/2014).
- . 2014a. “Floral Specialization and Angiosperm Diversity: Phenotypic Divergence, Fitness Trade-offs, and Realized Pollination Accuracy.” *AoB Plants* (online @ aobpla.oxfordjournals.org) **6**: plu003.
- . 2014b. “Multiple origins of serpentine-soil endemism explained by preexisting toleration of open habitats.” *Proceedings of the National Academy of Sciences* **111** (2 October): 14968-14969.
- Armbruster, W. Scott, Mary E. Edwards, & Edward M. Debevec.** 1994. “Floral Character Displacement Generates Assemblage Structure of Western Australian Triggerplants (Stylidium).” *Ecological Society of America Ecology* **75** (March): 315-329.
- Armbruster, W. Scott, Joongku Lee, & Bruce G. Baldwin.** 2009. “Macroevolutionary patterns of defense and pollination in *Dalechampia* vines: Adaptation, exaptation, and evolutionary novelty.” *Proceedings of the National Academy of Sciences* **106** (27 October): 18085-18090.
- Armbruster, W. Scott, & Nathan Muchhala.** 2009. “Associations between floral specialization and species diversity: cause, effect, or correlation?” *Evolutionary Ecology* **23** (January): 159-179.
- Armelagos, George.** 2004. “Evolutionists and Creationists at the Dinner Table.” *Evolutionary Anthropology* **13** (2): 53-55.
- Armengaud, Jean, Céline Bland, Joseph Christie-Oleza, & Guylaine Miotello.** 2011. “Microbial Proteogenomics, Gaining Ground with the Avalanche of Genome Sequences.” *Journal of Bacteriology & Parasitology* **2** (November): S3-001.
- Armentrout, J. M., M. R. Cole, & H. Terbst,** eds. 1979. *Cenozoic Paleogeography of the Western United States*. Denver, CO: Pacific Section SEPM (Society for Sedimentary Geology).
- Arney, Dick.** 2012. “Demand Full Repeal of ObamaCare.” *Townhall Daily* for 2 July (online text via townhall.com accessed 7/2/2012).
- Armfield, Brooke A., Zhengui Zheng, Sunil Bajpi, Christopher J. Vinyard, & J. G. M. Thewissen.** 2013. “Development and evolution of the unique cetacean dentition.” *PeerJ* (online @ peerj.com) **1** (19 February): 24.
- Armitage, Mark H.** 2000. “Trematode Parasites: What Is Their Genesis?” *Creation Research Society Quarterly* **36** (March): 183-193.
- . 2001. “Scanning Electron Microscope Study of Mummified Collagen Fibers in Fossil *Tyrannosaurus rex* Bone.” *Creation Research Society Quarterly* **38** (September): 61-66.
- . 2014. Discrimination complaint (22 July) to Superior Court of the State of California in and for the County of Los Angeles (online pdf at cbsla.files.wordpress.com accessed 7/27/2014)
- Armitage, Mark Hollis, & Kevin Lee Anderson.** 2013. “Soft sheets of fibrillar bone from a fossil of the supraorbital horn of the dinosaur *Triceratops horridus*.” *Acta Histochemica* **115** (July): 603-608.
- Armitage, Mark H., & Luke Mullisen.** 2003. “Preliminary observations of the pygidial gland of the Bombardier Beetle, *Brachinus sp.*” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **17** (1): 95-102.
- Armitage, Mark H., & Andrew A. Snelling.** 2008. “Radiohalos and Diamonds: Are Diamonds Really for Ever?” in Snelling (2008b), 323-334).
- Armitage, P., & R. Doll.** 1954. “The Age Distribution of Cancer and a Multi-stage Theory of Carcinogenesis.” *British Journal of Cancer* **8** (March): 1-12.
- Armitage, Simon J., Sabah A. Jasim, Anthony E. Marks, Adrian G. Parker, Vitaly I. Usik, & Hans-Peter Uerpmann.** 2011. “The Southern Route ‘Out of Africa’: Evidence for an Early Expansion of Modern Humans into Arabia.” *Science* **331** (28 January): 453-456.
- Armstrong, Anna.** 2017. “Coral crisis captured.” *Nature* **543** (16 March): 323.
- Armstrong, Fraser A., & Judy Hirst.** 2011. “Reversibility and efficiency in electrocatalytic energy conversion and lessons from enzymes.” *Proceedings of the National Academy of*

- Sciences* **108** (23 August): 14049-14054.
- Armstrong, Garner Ted.** 2001. "EVOLUTION—The BIG LIE Of Atheists And Agnostics!" *Garner Ted Armstrong* undated posting (online text at www.garnertedarmstrong.org accessed 10/14/2014).
- Armstrong, J. Scott.** 1982. "Is Review by Peers as Fair as it Appears?" *Interfaces* **12** (October): 62-74.
- Armstrong, J. Scott, Kesten C. Green, & Willie Soon.** 2008. "Polar Bear Population Forecasts: A Public-Policy Forecasting Audit." *Interfaces* **38** (September-October): 382-405.
- Armstrong, John C., Llyd E. Wells, & Guillermo Gonzalez.** 2002. "Rummaging through Earth's Attic for Remains of Ancient Life." *Icarus* **160** (November): 183-196.
- Armstrong, Joseph E., & Marshall D. Sundberg.** 2014. "Yes, Bobby, Evolution is True!" *Reports of the National Center for Science Education* **34** (January-February): 1.1-1.4.
- Armstrong, Karen.** 1991. *Holy War: The Crusades and Their Impact on Today's World*. Rev. ed. New York: Doubleday.
- . 1993. *A History of God: The 4000-Year Quest of Judaism, Christianity and Islam*. New York: Alfred A. Knopf.
- . 2005. "Reviewed: The Evolution-Creation Struggle by Michael Ruse." *New Scientist* (30 July): online text accessed 7/21/2014 (newscientist.com).
- . 2009. *The Case for God*. 2010 pb ed. New York: Anchor Books.
- Armstrong, Nicole, Alexis Garland, & K. C. Burns.** 2012. "Memory for multiple cache locations and prey quantities in a food-hoarding songbird." *Frontiers in Psychology* (online @ frontiersin.org) **3** (31 December): 584.
- Armstrup, Steven C., Eric T. DeWeaver, David C. Douglas, Bruce G. Marcot, George M. Durner, Cecilia M. Bitz, & David A. Bailey.** 2010. "Greenhouse gas mitigation can reduce sea-ice loss and increase polar bear persistence." *Nature* **468** (16 December): 955-958.
- ARN. 2001a. "Response to the PBS *Evolution* Project." *Access Research Network* posting (online text at www.arn.org accessed 9/27/2001).
- . 2001b. "PBS Charged with 'False Claim' on 'Universal Genetic Code'." *Access Research Network* 10 September posting (online text at www.arn.org accessed 9/27/2001).
- . 2002. "Ohio Science Standards Update." *Access Research Network* posting (online text at www.arn.org accessed 3/7/2002).
- . 2004. "North Carolina ID Conference." *Access Research Network* 1 April posting (online text at www.arn.org accessed 4/20/2004).
- . 2006. "2006 Year-end Report." *Access Research Network* No. 62 posting 15 December (online text at www.arn.org accessed 5/8/2011).
- . 2013. "Meet Kevin Wirth." *Access Research Network* undated posting (online text at www.arn.org accessed 12/14/2013).
- Arnade, Chris.** 2013. "Atheism is an intellectual luxury for the wealthy." *The Raw Story* 24 December posting (online text at www.rawstory.com accessed 2/17/2014).
- Arnason, Ulfur, Joseph A. Adegoke, Kristina Bodin, Erik W. Born, Yuzine B. Esa, Anette Gullberg, Maria Nilsson, Roger V. Short, Xiufeng Xu, & Axel Janke.** 2002. "Mammalian mitogenomic relationships and the root of the eutherian tree." *Proceedings of the National Academy of Sciences* **99** (11 June): 8151-8156.
- Arnason, Ulfur, Anette Gullberg, Axel Janke, Morgan Kullberg, Niles Lehman, Evgeny A. Petrov, & Risto Väinölä.** 2006. "Pinniped phylogeny and a new hypothesis for their origin and dispersal." *Molecular Phylogenetics and Evolution* **41** (November): 345-354.
- Arnaud, Frederick, Marco Caporale, Mariana Varela, Roman Biek, Bernardo Chessa, Alberto Alberti, Matthew Golder, Manuela Mura, Ya-Ping Zhang, Li Yu, Filipe Pereira, James C. DeMartini, Kreg Leymaster, Thomas E. Spencer, & Massimo Palmarini.** 2007. "A Paradigm for Virus-Host Coevolution: Sequential Counter-Adaptations between Endogenous and Exogenous Retroviruses." *PLoS Pathogens* (online @ plospathogens.org) **3** (November): e170.
- Arndt, Eric M., Wendy Moore, Wah-Keat Lee, & Christine Ortiz.** 2015. "Mechanistic

- origins of bombardier beetle (Brachinini) explosion-induced defensive spray pulsation.” *Science* **348** (1 May): 563-567.
- Arndt, N. T.** 1999. “Why was flood volcanism on submerged continental platforms so common in the Precambrian?” *Precambrian Research* **97** (September): 155-164.
- Arnegard, Matthew E., Matthew D. McGee, Blake Matthews, Kerry B. Marchinko, Gina L. Conte, Sahriar Kabir, Nicole Bedford, Sara Bergek, Yingguang Frank Chan, Felicity C. Jones, David M. Kingsley, Catherine L. Peichel, & Dolph Schluter.** 2014. “Genetics of ecological divergence during speciation.” *Nature* **511** (17 July): 307-311.
- Arnegard, Matthew E., Derrick J. Zwickl, Ying Lu, & Harold H. Zakon.** 2010. “Old gene duplication facilitates origin and diversification of an innovative communication system—twice.” *Proceedings of the National Academy of Sciences* **107** (21 December): 22172-22177.
- Arner, Neil.** 2016. “God, Gold, and Glory: A Response to Lucas Mix.” Center of Theological Inquiry *Fresh Thinking* blog posting 13 January (online text at *blog.ctinquiry.org* accessed 6/30/2016).
- Arnhart, Larry.** 2001. “Assault on evolution.” *Salon.com* 28 February (online text at *salon.com* accessed 6/25/2002).
- . 2005. “The Darwinian Conservatism of Transcendent Morality: A Reply to Bob Cheeks.” *Darwinian Conservatism* 19 November posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006a. “Religion, Morality, and Darwinism: A Response to Carson Holloway.” *Darwinian Conservatism* 9 January posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006b. “Abraham Lincoln and Charles Darwin.” *Darwinian Conservatism* 8 February posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006c. “Fukuyama, The Iraq War, and Darwinian Conservatism.” *Darwinian Conservatism* 20 February posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006d. “A Review of Richard Weikart’s FROM DARWIN TO HITLER.” *Darwinian Conservatism* 25 February posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006e. “Darwinian Conservatism and Natural Law: A Reply to J. Budziszewski.” *Darwinian Conservatism* 23 March posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006f. “A Review of THE WEEKLY STANDARD.” *Darwinian Conservatism* 29 April posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006g. “American Conservatives and Intelligent Design Theory.” *Darwinian Conservatism* 4 May posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006h. “The Founding Fathers Were Not Christians.” *Darwinian Conservatism* 8 May posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006i. “The Atheism of Intelligent Design Theory.” *Darwinian Conservatism* 11 May posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006j. “A Reply to Jonathan Wells.” *Darwinian Conservatism* 13 May posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006k. “Reason and Revelation at Patrick Henry College.” *Darwinian Conservatism* 15 May posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006l. “Carson Holloway in THE WASHINGTON TIMES.” *Darwinian Conservatism* 17 June posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006m. “William Dembski and the Negative Rhetoric of Intelligent Design Theory.” *Darwinian Conservatism* 21 June posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).
- . 2006n. “The Intelligent Design Movement and the Dover Decision.” *Darwinian Conservatism* 25 June posting (online text at *darwinianconservatism.blogspot.com* accessed 2/23/2011).

- . 2006o. “Darwinism Is Not Atheism: The Darwin Fish, The Jesus Fish, and The Dawkins Fish.” *Darwinian Conservatism* 27 June posting (online text at darwinianconservatism.blogspot.com accessed 2/23/2011).
- . 2009a. “Is Intelligent Design Theory a Masonic Conspiracy?” *Darwinian Conservatism* 14 May posting (online text at darwinianconservatism.blogspot.com accessed 12/9/2013).
- . 2009b. “Richard Weikart’s New Book—HITLER’S ETHIC.” *Darwinian Conservatism* 6 September posting (online text at darwinianconservatism.blogspot.com accessed 2/24/2012).
- Arnhart, Larry, Michael J. Behe, & William A. Dembski.** 2000. “Conservatives, Darwin & Design: An Exchange.” *First Things* (November): 23-31.
- Arnheim, Michael.** 1984. *Is Christianity True?* Buffalo, NY: Prometheus Books.
- Arnold, Carrie.** 2016. “The sparrow with four sexes.” *Nature* **539** (24 November): 482-484.
- Arnold, Derek H., Yolanda Ong, & Warrick Roseboom.** 2009. “Simple differential latencies modulate, but do not cause the flash-lag effect.” *Journal of Vision* **9** (8 May): 1-8.
- Arnold, Derek H., & Paul Wilcock.** 2007. “Cortical processing and perceived timing.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 September): 2331-2336.
- Arnold, E. Nicholas, & George Poinar.** 2008. “A 100 million year old gecko with sophisticated adhesive toe pads preserved in amber from Myanmar.” *Zootaxa* **1847**: 62-68.
- Arnold, G. L., A. D. Anbar, J. Barling, & T. W. Lyons.** 2004. “Molybdenum Isotope Evidence for Widespread Anoxia in Mid-Proterozoic Oceans.” *Science* **304** (2 April): 87-90.
- Arnold, Kate, & Klaus Zuberbühler.** 2006. “Semantic combinations in primate calls.” *Nature* **441** (18 May): 303.
- Arnone, Maria I., & Eric H. Davidson.** 1997. “The hardwiring of development: organization and function of genomic regulatory systems.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **124** (15 May): 1851-1864.
- Arnott, Peter.** 1970. *The Romans and Their World.* New York: St. Martin’s Press.
- Arnoult, Laurent, Kathy F. Y. Su, Diogo Manoel, Caroline Minervino, Justine Magriña, Nicolas Gompel, & Benjamin Prud’homme.** 2013. “Emergence and Diversification of Fly Pigmentation Through Evolution of a Gene Regulatory Module.” *Science* **339** (22 March): 1423-1426.
- Arnqvist, Göran.** 2013. “Comment on ‘Bateman in Nature: Predation on Offspring Reduces the Potential for Sexual Selection’.” *Science* **340** (3 May): 549.
- Aron, Jacob.** 2013. “Planck shows almost perfect cosmos—plus axis of evil.” *New Scientist* (21 March): online text accessed 7/20/2014 (newscientist.com).
- Aronoff, Mark, Irit Meir, Carol Padden, & Wendy Sandler.** 2008. “Language is shaped by the body.” *Behavioral and Brain Sciences* **31** (5): 509-511.
- Aronov, Dmitriy, Rhino Nevers, & David W. Tank.** 2017. “Mapping of a non-spatial dimension by the hippocampal-entorhinal circuit.” *Nature* **543** (30 March): 719-722.
- Aronovich, Elena L., R. Scott McIvor, & Perry B. Hackett.** 2011. “The Sleeping Beauty transposon system: a non-viral vector for gene therapy.” *Human Molecular Genetics* **20** (15 April): R14-R20.
- Aronowicz, J., & C. J. Lowe.** 2006. “Hox gene expression in the hemichordate *Saccoglossus kowalevskii* and the evolution of Deuterostome nervous system.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **46** (December): 890-901.
- Aronson, Richard B., Kathryn E. Smith, Stephanie C. Vos, James B. McClintock, Margaret O. Amsler, Per-Olav Moksnes, Daniel S. Ellis, Jeffrey Kaeli, Hanumant Singh, John W. Bailey, Jessica C. Schiferl, Robert van Woesik, Michael A. Martin, Brittan V. Steffel, Michelle E. Deal, Steven M. Lazarus, Jonathan N. Havenhand, Rasmus Swailethorp, Sanne Kjellerup, & Sven Thatje.** 2015. “No barrier to emergence of bathyal king crabs on the Antarctic shelf.” *Proceedings of the National Academy of Sciences* **112** (20 October): 12997-13202.
- Arora, Shiwani K., Mahalaxmi Bangera, Stephen Lory, & Reuben Ramphal.** 2001. “A genomic island in *Pseudomonas aeruginosa* carries the determinants of flagellin

- glycosylation.” *Proceedings of the National Academy of Sciences* **98** (31 July): 9342-9347.
- Aroua, Saïda, Maryline Coquide, & Salem Abbas.** 2009. “Overcoming the Effect of the Socio-cultural Context: Impact of Teaching Evolution in Tunisia.” *Evolution: Education & Outreach* **2** (September): 474-478.
- Arratia, Gloria.** 2000. “Phylogenetic relationships of Teleostei : Past and present.” *Estudios Oceanológicos* **19**: 19-51.
- Arratia, Gloria, & Detlev Thies.** 2001. “A new teleost (Osteichthyes, Actinopterygii) from the Early Jurassic *Posidonia* shale of Northern Germany.” *Fossil Record* **4** (1): 167-187.
- Arrayago, Maria-Jesus, Antonio Bea, & Benoit Heulin.** 1996. “Hybridization experiment between oviparous and viviparous strains of *Lacerta vivipara*: A new insight into the evolution of viviparity in reptiles.” *Herpetologica* **52** (September): 333-342.
- Arrigo, Nils, Sven Buerki, Anouk Sarr, Roberto Guadagnuolo, & Gregor Kozlowski.** 2011. “Phylogenetics and phylogeography of the monocot genus *Baldellia* (Alismataceae): Mediterranean refugia, suture zones and implications for conservation.” *Molecular Phylogenetics and Evolution* **58** (January): 33-42.
- Arrington, Barry.** 2008. “Michael Heller, this year’s Templeton Prize winner, on ID.” *Uncommon Descent* posting 17 March (online text at www.uncommondescent.com accessed 2/4/2017).
- . 2010. “Why Not Accept the Fossil Record at Face Value Instead of Imposing a Theory on it?” *Uncommon Descent* posting 11 January (online text at www.uncommondescent.com accessed 1/12/2010).
- . 2011a. “Newsweek 1975 ‘Global Cooling is Coming!’.” *Uncommon Descent* posting 18 February (online text at www.uncommondescent.com accessed 2/19/2011).
- . 2011b. “God and Evil.” *Uncommon Descent* posting 6 July (online text at www.uncommondescent.com accessed 3/10/2012).
- . 2011c. “CONTEST! Best Response to Professor Pompous Gets Free Copy of ‘The Nature of Nature’.” *Uncommon Descent* posting 20 July (online text at www.uncommondescent.com accessed 8/17/2011).
- . 2012a. “Why is Barry Arrington Stifling Dissent at UD?” *Uncommon Descent* posting 16 February (online text at www.uncommondescent.com accessed 3/10/2012).
- . 2012b. “Do Materialists Believe Rape is Wrong?” *Uncommon Descent* posting 25 February (online text at www.uncommondescent.com accessed 3/10/2012).
- . 2012c. “Stephen Barr’s Own Private Idaho.” *Uncommon Descent* posting 28 February (online text at www.uncommondescent.com accessed 3/10/2012).
- . 2012d. “More Bad News For Global Warming Crowd.” *Uncommon Descent* posting 11 July (online text at www.uncommondescent.com accessed 7/11/2012).
- . 2012e. “On Self Evident Moral Truth [Updated].” *Uncommon Descent* posting 26 August (online text at www.uncommondescent.com accessed 8/27/2012).
- . 2013a. “Nick Matzke: All True Scotsman Believe in Darwinian Evolution.” *Uncommon Descent* posting 19 February (online text at [uncommondescent.com](http://www.uncommondescent.com) accessed 2/24/2013).
- . 2013b. “When Can a Child Understand an Issue More Clearly Than Two Ph.Ds Combined? When a Shibboleth of NDE is at Stake.” *Discovery Institute Evolution News & Views* for 11 March (online text at evolutionnews.org accessed 3/16/2013).
- . 2013c. “Nick Matzke – Book Burner?” *Uncommon Descent* posting 30 June (online text at [uncommondescent.com](http://www.uncommondescent.com) accessed 7/5/2013).
- . 2013d. “Will Our Darwinist Friends Be Telling Us Next That ‘Arbeit Macht Frei’?” *Uncommon Descent* posting 1 July (online text at [uncommondescent.com](http://www.uncommondescent.com) accessed 7/5/2013).
- . 2013e. “It Gets Even Better.” *Uncommon Descent* posting 1 July (online text at [uncommondescent.com](http://www.uncommondescent.com) accessed 7/5/2013).
- . 2014a. “First Things Goes From Giving ID a Platform to Viciously Attacking It.” *Uncommon Descent* posting 17 January (online text at [uncommondescent.com](http://www.uncommondescent.com) accessed 1/29/2014).
- . 2014b. “Gradualism: The Darwinist Article of Faith.” *Uncommon Descent* posting 17

- February (online text at *uncommondescent.com* accessed 10/18/2014).
- . 2014c. “The Second Law: In Force Everywhere But Nowhere?” *Uncommon Descent* posting 13 July (online text at *uncommondescent.com* accessed 7/18/2014).
- . 2015a. “MF Runs Away; Anyone Else Care to Play?” *Uncommon Descent* posting 11 April (online text at *uncommondescent.com* accessed 4/15/2015).
- . 2015b. “RDFish is an Idiot.” *Uncommon Descent* posting 12 April (online text at *uncommondescent.com* accessed 4/15/2015).
- . 2015c. “A Lesson in Rational Discourse for RDFish.” *Uncommon Descent* posting 14 April (online text at *uncommondescent.com* accessed 4/15/2015).
- . 2015d. “Is Dark Matter the 21st Century Aether?” *Uncommon Descent* posting 18 June (online text at *uncommondescent.com* accessed 2/21/2016).
- . 2015e. “A Response to The Materialists’ ‘Possible Possum’ Gambit.” *Uncommon Descent* posting 19 August (online text at *uncommondescent.com* accessed 8/19/2015).
- Arrow, Holly.** 2007. “The Sharp End of Altruism.” *Science* **318** (26 October): 581-582.
- Arruda, Homero de, Lima, Hudson de, & Valdemar Ortiz.** 2007. “Human penile ossification: case report.” *Sao Paolo Medical Journal* **125** (March): 124-125.
- Arslan, Betül Kacar.** 2010. “Recapitulating the Evolutionary History of Elongation Factor Proteins.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at *astrobiology.nasa.gov* accessed 11/17/2010).
- Arslan, Defne, Matthieu Legendre, Virginie Seltzer, Chantal Abergel, & Jean-Michel Claverie.** 2011. “Distant Mimivirus relative with a larger genome highlights the fundamental features of Megaviridae.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17486-17491.
- Arsuaga, Juan Luis,** trans. Andy Klatt. 2001. *The Neanderthal’s Necklace: In Search of the First Thinkers*. 2002 US ed. New York: Four Walls Eight Windows.
- . 2002. “Requiem for a Heavyweight.” *Natural History* **111** (December): 42-48.
- Arsuaga, Juan Luis, José-Miguel Carretero, Carlos Lorenzo, Asier Gómez-Olivencia, Adrián Pablos, Laura Rodríguez, Rebeca García-González, Alejandro Bonmati, Rolf M. Quam, Anna Pantoja-Pérez, Ignacio Martínez, Arantza Aranburu, Ana Gracia-Téllez, Eva Poza-Rey, Nohemi Sala, Nuria García, Almudena Alcázar de Velasco, Gloria Cuenca-Bescós, José-María Bermúdez de Castro, & Eudald Carbonell.** 2015. “Postcranial morphology of the middle Pleistocene humans from Sima de los Huesos, Spain.” *Proceedings of the National Academy of Sciences* **112** (15 September): 11524-11529.
- Arsuaga, J. Luis, I. Martínez, L. J. Arnold, A. Aranburu, A. Gracia-Téllez, W. D. Sharp, R. M. Quam, C. Falguères, A. Pantoja-Pérez, J. Bischoff, E. Poza-Rey, J. M. Parés, J. M. Carretero, M. Demuro, C. Lorenzo, N. Sala, M. Martínón-Torres, N. García, A. Alcázar de Velasco, G. Cuenca-Bescós, A. Gómez-Olivencia, D. Moreno, A. Pablos, C.-C. Shen, L. Rodríguez, A. I. Ortega, R. García, A. Bonmati, J. M. Bermúdez de Castro, & E. Carbonell.** 2014. “Neandertal roots: Cranial and chronological evidence from Sima de los Huesos.” *Science* **344** (20 June): 1358-1363.
- Arteaga, Oriol, Adolf Canillas, Joaquim Crusats, Zoubir El-Hachemi, Gerald E. Jellison Jr., Jordi Llorca, & Josep M. Ribó.** 2010. “Chiral Biases in Solids by Effect of Shear Gradients: A Speculation on the Deterministic Origin of Biological Homochirality.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **40** (February): 27-40.
- Arthur, Joyce.** 1996. “Creationism: Bad Science or Immoral Pseudoscience?” *Skeptic* **4** (4): 88-93.
- Arthur, Michael A.** 2009. “Carbonate rocks deconstructed.” *Nature* **460** (6 August): 698-699.
- Arthur, Shagufta.** 2013. “Evolution acceptance among pre-service primary teachers.” *Evolution: Education & Outreach* (online @ *evolution-outreach.com*) **6**: 20.
- Arthur, Wallace.** 1997. *The Origin of Animal Body Plans: A Study in Evolutionary Developmental Biology*. Cambridge: Cambridge University Press.
- . 2000. “Intraspecific variation in developmental characters: The origin of evolutionary

- novelties.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 811-818.
- . 2002. “The emerging conceptual framework of evolutionary developmental biology.” *Nature* **415** (14 February): 757-764.
- . 2006. *Creatures of Accident: The Rise of the Animal Kingdom*. New York: Hill and Wang.
- . 2011. “Searching for evo-devo’s Holy Grail: the nature of developmental variation.” *Evolution & Development* **3** (January-February): 34-40.
- Arthur, Wallace, & Chris Kettle**. 2001. “Geographic patterning of variation in segment number in geophilomorph centipedes: clines and speciation.” *Evolution & Development* **13** (September-October): 405-470.
- Artzy-Randrup, Yael, & Alexey S. Kondrashov**. 2006. “Sympatric speciation under incompatibility selection.” *Proceedings of the National Academy of Sciences* **103** (1 August): 11619-11624.
- Arvidson, R. E., S. W. Squyres, J. F. Bell III, J. G. Catalano, B. C. Clark, L. S. Crumpler, P. A. de Souza Jr., A. G. Fairén, W. H. Farrand, V. K. Fox, R. Gellert, A. Ghosh, M. P. Golombek, J. P. Grotzinger, E. A. Guinness, K. E. Herkenhoff, B. L. Jolliff, A. H. Knoll, Jolliff, R. Li, S. M. McLennan, D. W. Ming, D. W. Mittlefehldt, J. M. Moore, R. V. Morris, S. L. Murchie, T. J. Parker, G. Paulsen, J. W. Rice, S. W. Ruff, M. D. Smith, & M. J. Wolff**. 2014. “Ancient Aqueous Environments at Endeavor Crater, Mars.” *Science* **343** (24 January): 1248097 (online at sciencemag.org).
- Arzy, Shahar, & Roey Schurr**. 2016. “‘God has sent me to you’: Right temporal epilepsy, left prefrontal psychosis.” *Epilepsy & Behavior* **60** (July): 7-10.
- Asaftei, Manuela**. 2010. “The Language of Creation.” Southern Adventist University *Columns* “Across the Curriculum” segment (Spring): 10.
- Asahara, Masakazu, Masahiro Koizumi, Thomas E. Macrini, Suzanne J. Hand, & Michael Archer**. 2016. “Comparative cranial morphology in living and extinct platypuses: Feeding behavior, electroreception, and loss of teeth.” *Science Advances* **2** (12 October): e1601329 (online at sciencemag.org).
- Asai, Yukako, Ikuro Kawagishi, R. Elizabeth Sockett, & Michio Homma**. 1999. “Hybrid Motor with H⁺- and Na⁺-Driven Components Can Rotate *Vibrio* Polar Flagella by Using Sodium Ions.” *Journal of Bacteriology* **181** (October, No. 20): 6332-6338.
- . 2000. “Coupling ion specificity of chimeras between H⁺- and Na⁺-driven motor proteins, MotB and PomB, in *Vibrio* polar flagella.” *The EMBO Journal* **19** (17 July): 3639-3648.
- Asai, Yukako, Tomokazu Shoji, Ikuro Kawagishi, & Michio Homma**. 2000. “Cysteine-Scanning Mutagenesis of the Periplasmic Loop Regions of PomA, a Putative Channel Component of the Sodium-Driven Flagellar Motor in *Vibrio alginolyticus*.” *Journal of Bacteriology* **182** (February, No. 4): 1001-1007.
- ASA News**. 2001a. “Macosko and Monsma Teach the Controversy.” American Scientific Affiliation *ASA News* (Jan/Feb) posting (online text at www.asa3.org accessed 10/14/2014).
- . 2001b. “Dembski, Baylor U. Aftermath.” American Scientific Affiliation *ASA News* (Jan/Feb) posting (online text at www.asa3.org accessed 10/14/2014).
- . 2001c. “Huston Smith, Wells Speak; Padian Misses.” American Scientific Affiliation *ASA News* (Jan/Feb) posting (online text at www.asa3.org accessed 10/14/2014).
- Asano, Katsura, Lon Phan, James Anderson, & Alan G. Hinnebusch**. 1998. “Complex Formation by All Five Homologues of Mammalian Translation Initiation Factor 3 Subunits from Yeast.” *The Journal of Biological Chemistry* **273** (17 July): 18573-18585.
- Asara, John M., & Mary H. Schweitzer**. 2008. “Response to Comment on ‘Protein Sequences from Mastodon and *Tyrannosaurus rex* Revealed by Mass Spectrometry’.” *Science* **319** (4 January): 33.
- Asara, John M., Mary H. Schweitzer, Lewis C. Cantley, & John S. Cottrell**. 2008. “Response to Comment on ‘Protein Sequences from Mastodon and *Tyrannosaurus rex* Revealed by Mass Spectrometry’.” *Science* **321** (22 August): 1040.
- Asara, John M., Mary H. Schweitzer, Lisa M. Freimark, Matthew Phillips, & Lewis C.**

- Cantley.** 2007. “Protein Sequences from Mastodon and *Tyrannosaurus rex* Revealed by Mass Spectrometry.” *Science* **316** (13 April): 280-285.
- ASCI.** 2005. “Should Some Students Be Denied College Entrance Because They Used These Textbooks?” Association of Christian Schools International *ASCI Legal/Legislative Update* **16** (Fall): 1-4.
- Ascoli, Giorgio A., & Alexei V. Samsonovich.** 2008. “Science of the Conscious Mind.” *The Biological Bulletin* **215** (December): 204-215.
- Asfaw, Berhane, W. Henry Gilbert, Yonas Beyene, William K. Hart, Paul R. Renne, Giday WoldeGabriel, Elisabeth S. Vrba, & Tim D. White.** 2002. “Remains of *Homo erectus* from Bouri, Middle Awash, Ethiopia.” *Nature* **416** (21 March): 317-320.
- Asfaw, Berhane, Tim White, Owen Lovejoy, Bruce Latimer, Scott Simpson, & Gen Suwa.** 1999. “*Australopithecus garhi*: A New Species of Early Hominid from Ethiopia.” *Science* **284** (23 April): 629-635.
- Asghar, Anila.** 2013. “Canadian and Pakistani Muslim teachers’ perceptions of evolutionary science and evolution education.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 10.
- Asghar, Anila, Sarah Bean, Wendi O’Neill, & Brian Alters.** 2015. “Biological Evolution in Canadian Science Curricula.” *Reports of the National Center for Science Education* **35** (September-October): 1.1-1.21.
- Ash, Michael R.** 2002. “The Mormon Myth of Evil Evolution.” *Dialogue: A Journal of Mormon Thought* **35** (Winter): 19-38.
- . 2003. “Archaeology and the Book of Mormon.” *The Foundation for Apologetic Information & Research* posting (online pdf at www.fairmormon.org accessed 5/8/2014).
- Ash, Sidney R., & Stephan T. Hasiotis.** 2013. “New occurrences of the controversial Late Triassic plant fossil *Sanmiguelia* Brown and associated ichnofossils in the Chinle Formation of Arizona and Utah, USA.” *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* **268** (April): 65-82.
- Ash, Skip.** 2013. “Angry Atheists Attack Chaplains.” *American Center for Law and Justice* 30 July posting (online text at aclj.org accessed 8/18/2013).
- Ashcraft, Chris W.** 2011. “Marsupial Evolution and Post Flood Migration.” *Northwest Creation Network* undated posting (online text at www.nwcreation.net accessed 7/27/2011).
- . 2014. “The Genetic Limits of Evolution.” *Northwest Creation Network* undated posting (online text at www.nwcreation.net accessed 3/4/2015).
- Ashe, Geoffrey.** 1962. *Land to the West: St. Brendan’s Voyage to America*. New York: Viking Press.
- Asher, Claire, & Seirian Sumner.** 2015. “The Genetics of Society.” *The Scientist* posting 1 January (online text at the-scientist.com accessed 1/6/2015).
- Asher, Michael.** 2008a. “Myth of Consensus Explodes: APS Opens Global Warming Debate.” *Daily Tech* 16 July posting (online text at www.dailytech.com accessed 6/26/2011).
- . 2008b. “Sun Makes History: First Spotless Month in a Century.” *Origins* posting of www.dailytech.com 1 September blog (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008c. “Alaskan Glaciers Grow First Time in 250 years.” *Origins* posting of www.dailytech.com 16 October blog (online pdf at www.alcazar.net accessed 6/15/2011).
- Asher, Robert J.** 2012a. “Why I Am an Accomodationist.” *Huffpost Religion* posting 29 February (online text at huffingtonpost.com accessed 11/28/2012).
- . 2012b. “Science, Religion And The First Amendment.” *Huffington Post The Blog* posting 4 April (online text at huffingtonpost.com accessed 3/29/2014).
- . 2012c. *Evolution and Belief: Confessions of a Religious Paleontologist*. Cambridge: Cambridge University Press.
- . 2012d. “God as a Superhuman: A (belated) Response to Jason Rosenhouse.” *Panda’s Thumb* posting 28 November (online text at pandasthumb.org accessed 11/28/2012).
- . 2014. “A New Objection to Intelligent Design.” *Huffington Post The Blog* posting 9 January (online text at huffingtonpost.com accessed 1/20/2014).
- Asher, Robert J., Nigel Bennett, & Thomas Lehmann.** 2009. “The new framework for

- understanding placental mammal evolution.” *BioEssays* **31** (August): 853-864.
- Asher, Robert J., & Michael Hofreiter.** 2006. “Tenrec Phylogeny and the Noninvasive Extraction of Nuclear DNA.” *Systematic Biology* **55** (April): 181-194.
- Asher, Robert J., Inés Horowitz, & Marcelo R. Sánchez-Villagra.** 2004. “First combined cladistic analysis of marsupial mammal interrelationships.” *Molecular Phylogenetics and Evolution* **33** (October): 240-250.
- Asher, R. J., K. H. Lin, N. Kardjilov, & L. Hautier.** 2011. “Variability and constraint in the mammalian vertebral column.” *Journal of Evolutionary Biology* **24** (May): 1080-1090.
- Asher, Robert J., Jin Meng, John R. Wible, Malcolm C. McKenna, Guillermo W. Rougier, Demberlyn Dashzeveg, & Michael J. Novacek.** 2005. “Stem Lagomorpha and the Antiquity of Glires.” *Science* **307** (18 February): 1091-1094.
- Ashiuchi, Makoto, Mia Md. Zakaria, Yuriko Sakaguchi, & Toshiharu Yagi.** 1999. “Sequence analysis of a cryptic plasmid from *Flavobacterium* sp. KP1, a psychrophilic bacterium.” *Federation of European Microbiological Societies FEMS Microbiology Letters* **170** (January): 243-249.
- Ashkenazy, Yosef, Hezi Gildor, Martin Losch, Francis A. Macdonald, Daniel P. Schrag, & Eli Tziperman.** 2013. “Dynamics of a Snowball Earth ocean.” *Nature* **495** (7 March): 90-93.
- Ashley, Arden.** 2005. “Explaining Evolution: A Case Study in Science Teaching Methods.” *Urban Education in Theory, Policy and Practice* Fall course posting (online pdf at www.macalester.edu accessed 11/10/2013).
- Ashley, E. A., M. Dhorda, R. M. Fairhurst, C. Amaratunga, P. Lim, S. Suon, S. Sreng, J. M. Anderson, S. Mao, B. Sam, C. Sopha, C. M. Chuor, C. Nguon, S. Sovannaroth, S. Pukrittayakamee, P. Jittamala, K. Chotivanich, K. Chutasmit, C. Suchatssonthorn, R. Runcharoen, T. T. Hien, N. T. Thuy-Nhien, N. V. Thanth, N. H. Phu, Y. Htut, K-T. Han, K. H. Aye, O. A. Mokuolu, R. R. Olaosebikan, O. O. Folaranmi, M. Mayxay, M. Khanthavong, B. Hongvanthong, P. N. Newton, M. A. Onyamboko, C. I. Fanello, A. K. Tshefu, N. Mishra, N. Valecha, A. P. Phyo, F. Nosten, P. Yi, R. Tripura, S. Borrmann, M. Bashraheil, J. Peshu, M. A. Faiz, A. Ghose, M. A. Hossain, R. Samad, M. R. Rahman, M. M. Hasan, A. Islam, O. Miotto, R. Amato, B. MacInnis, J. Stalker, D. P. Kwiatkowski, Z. Bozdech, A. Jeeyapant, P. Y. Cheah, T. Sakulthaew, J. Chalk, B. Intharabut, K. Silamut, S. J. Lee, B. Vikokhem, C. Kunasol, M. Imwong, J. Tarning, W. J. Taylor, S. Yeung, C. J. Woodrow, J. A. Flegg, D. Das, J. Smith, M. Venkatesan, C. V. Plowe, K. Stepniewska, P. J. Guerin, A. M. Dondorp, N. P. Day, & N. J. White for the Tracking Resistance to Artemisinin Collaboration (TRAC).** 2014. “Spread of Artemisinin Resistance in *Plasmodium falciparum* Malaria.” *The New England Journal of Medicine* **371** (31 July): 411-423.
- Ashliman, D. L.** 2003. “A Chinese Creation and Flood Myth: From the Miao People.” *Folktales from China* posting (online text at www.pitt.edu accessed 2/14/2013).
- Ashman, T-L., & C. J. Majetic.** 2006. “Genetic constraints on floral evolution: a review and evaluation of patterns.” *Heredity* **96** (May): 343-352.
- Ashton, John,** ed. 2001. *In Six Days: Why 50 Scientists Choose to Believe in Creation*. Master Books posting by *Creation Ministries International* (online text at creation.com accessed 12/23/2013).
- . 2009. “A Creation Curriculum.” *Thornleigh Seventh-day Adventist Church* (Sydney, Australia) January posting (online text at www.thornleighadventist.org accessed 12/2/2013).
- Ashton, John, & David Down.** 2006. *Unwrapping the Pharaohs: How Egyptian Archaeology Confirms the Biblical Timeline*. Green Forest, AR: Master Books.
- Ashton, Nick, Simon G. Lewis, Isabelle De Groot, Sarah M. Duffy, Martin Bates, Richard Bates, Peter Hoare, Mark Lewis, Simon A. Parfitt, Sylvia Peglar, Craig Williams, & Chris Stringer.** 2014. “Hominin Footprints from Early Pleistocene Deposits at Happisburgh, UK.” *PLoS ONE* (online @ plosone.org) **9** (February): e88329.
- Ashworth, Allan C., & F. Christian Thompson.** 2003. “A fly in the biogeographic ointment.” *Nature* **423** (8 May): 135-136.

- Asia for Educators*. 2013. "Memorial On Annexation of Feudal States and Memorial On the Burning of Books by Li Si (as recorded by Sima Qian)." Columbia University *Asia for Educators* posting (online pdf at afe.easia.columbia.edu/ accessed 4/11/2014).
- Asiedu, D. K., S. B. Dampare, P. Asamoah Sakyi, B. Banoeng-Yakubo, S. Osa, B. J. B. Nyarko, & J. Manu.** 2004. "Geochemistry of Paleoproterozoic metasedimentary rocks from the Birim diamondiferous field, southern Ghana: Implications for provenance and crustal evolution at the Archean-Proterozoic boundary." *Geochemical Society of Japan Geochemical Journal* **38** (3): 215-228.
- Asimov, Isaac.** 1981. *In the Beginning ...* New York: Crown Publishers.
- Asimov, Nanette.** 2011. "Rapture passes—believers downcast, pastor silent." *San Francisco Chronicle* posting 22 May: online text accessed 5/23/2011 (www.sfgate.com).
- Ask, Allan M.** 2006. "The Geologic Column and the Fossil Record." *True Dino* posting (online text at truedino.com accessed 8/16/2014).
- Askeland, Christian.** 2014a. "The forgery of the Lycopopolitan gospel of John." *Evangelical Textual Criticism* 27 April updated posting (online text at evangelicaltextualcriticism.blogspot.de accessed 7/15/2014).
- . 2014b. "Jesus had a sister-in-law." *Evangelical Textual Criticism* 7 May updated posting (online text at evangelicaltextualcriticism.blogspot.de accessed 7/15/2014).
- Asker, Nicholas.** 2015. "Asker '17: Universities shouldn't speak freely." *Brown University Brown Daily Herald* (14 April): online text accessed 4/16/2015 (www.browndailyherald.com).
- Aslan, Reza.** 2014. "Sam Harris and 'New Atheists' aren't new, aren't even atheists." *Salon.com* 21 November (online text at salon.com accessed 11/25/2014).
- Aspatwar, Ashok P., Martti Tolvanen, Csaba Ortutay, & Seppo Parkkila.** 2014. "Carbonic Anhydrase Related Proteins: Molecular Biology and Evolution." *Subcellular Biochemistry* **75**: 135-156.
- Aspelmeyer, Markus.** 2010. "The surf is up." *Nature* **464** (1 April): 685-686.
- Asphaug, Erik.** 2009. "Growth and Evolution of Asteroids." *Annual Review of Earth and Planetary Sciences* **37**: 413-448.
- Asphaug, Erik, Craig B. Agnor, & Quentin Williams.** 2006. "Hit-and-run planetary collisions." *Nature* **439** (12 January): 155-160.
- Asphaug, Erik, Martin Jutzi, & Naor Movshovitz.** 2011. "Chondrule formation during planetesimal accretion." *Earth and Planetary Science Letters* **308** (15 August): 369-379.
- Aspholm, Marina, Finn Erik Aas, Odile B. Harrison, Diana Quinn, Ashild Vik, Raimonda Viburiene, Tone Tønjum, James Moir, Martin C. J. Maiden, & Michael Koomey.** 2010. "Structural Alterations in a Component of Cytochrome c Oxidase and Molecular Evolution of Pathogenic *Neisseria* in Humans." *PLoS Pathogens* (online @ plospathogens.org) **6** (August): e1001055.
- Aspinwall, Lisa G., Teneille R. Brown, & James Tabery.** 2012. "The Double-Edged Sword: Does Biomechanism Increase or Decrease Judges' Sentencing of Psychopaths?" *Science* **337** (17 August): 846-849.
- Aspiras, Ariel C., Nicolas Rohner, Brian Martineau, Richard L. Borowsky, & Clifford J. Tabor.** 2015. "Melanocortin 4 receptor mutations contribute to the adaptation of cavefish to nutrient-poor conditions." *Proceedings of the National Academy of Sciences* **112** (4 August): 9668-9673.
- Aspöck, Ulrike.** 2002. "Phylogeny of the Neuropterida (Insecta: Holometabola)." The Norwegian Academy of Science and Letters *Zoologica Scripta* **31** (February): 51-56.
- Aspöck, Ulrike, John D. Plant, & Hans L. Nemeschkal.** 2001. "Cladistic analysis of Neuroptera and their systematic position within Neuropterida (Insecta: Holometabola: Neuropterida: Neuroptera)." *Systematic Entomology* **26** (January): 73-86.
- Assad, John A., & John H. R. Maunsell.** 1995. "Neuronal correlates of inferred motion in primate posterior parietal cortex." *Nature* **373** (9 February): 518-521.
- Assefa, Samuel, Caeul Lim, Mark D. Preston, Craig W. Duffy, Mridul B. Nair, Sabir A. Adroub, Khamisah A. Kadir, Jonathan M. Goldberg, Daniel E. Neafsey, Paul Divis,**

- Taane G. Clark, Manoj T. Duraisingh, David J. Conway, Arnab Pain, & Balbir Singh.** 2015. "Population genomic structure and adaptation in the zoonotic malaria parasite *Plasmodium knowles*." *Proceedings of the National Academy of Sciences* **112** (20 October): 13027-13032.
- Assis, Raquel, & Doris Bachtrog.** 2013. "Neofunctionalization of young duplicate genes in *Drosophila*." *Proceedings of the National Academy of Sciences* **110** (22 October): 17409-17414.
- Assis, Raquel, & Alexey S. Kondrashov.** 2009. "Rapid repetitive element-mediated expansion of piRNA clusters in mammalian evolution." *Proceedings of the National Academy of Sciences* **106** (28 April): 7079-7082.
- Assis, Sandra, & Susana Carvalho.** 2012. "Evolutionism and the Teaching of Science: How Portugal Has Been 'Playing with the Big Tree of Evolution'." *Evolution: Education & Outreach* **5** (September): 445-452.
- Associated Press.** 1995. "Lawmaker Says Rape Can't Cause Pregnancy." *San Francisco Chronicle* posting 21 April: online text accessed 8/22/2012 (www.sfgate.com).
- . 2001. "Recent grad challenges Pennsylvania school's flier-distribution policy." *Freedom Forum* 1 August posting (online text at www.freedomforum.org accessed 9/20/2002).
- . 2011. "CA science center pays group \$110,000 over canceled 2009 showing of intelligent design film." *The Washington Post* posting 29 August: online text accessed 9/2/2011 (www.washingtonpost.com).
- . 2014. "The AP-Gfk Poll." *GFK March AP poll* posting (online text at ap-gfkipoll.com accessed 4/25/2014).
- Astakhov, Sergey A., Andrew D. Burbanks, Stephen Wiggins, & David Farrelly.** 2003. "Chaos-assisted capture of irregular moons." *Nature* **423** (15 May): 264-267.
- Asteriti, Sabrina, Sten Grillner, & Lorenzo Cangiano.** 2015. "A Cambrian origin for vertebrate rods." *eLife* (online @ elifesciences.org) **4** (22 June): e07166.
- Astin, John A., Elaine Harkness, & Edzard Ernst.** 2000. "The Efficacy of 'Distant Healing': A Systematic Review of Randomized Trials." *Annals of Internal Medicine* **132** (6 June): 903-910.
- AstirInch.** 2015a. "ATP Synthase." *AstirInch My Vision of Hell and Tesimony* posting (online text at www.astirinch.com accessed 4/27/2015).
- . 2015b. "DNA—Proof of Noah's Flood." *AstirInch My Vision of Hell and Tesimony* posting (online text at www.astirinch.com accessed 4/27/2015).
- . 2015c. "DNA & Genetics—Evolution Is Not The Answer." *AstirInch My Vision of Hell and Tesimony* posting (online text at www.astirinch.com accessed 4/27/2015).
- Astner, Isabel, Jörg O. Schulze, Joop van den Heuvel, Dieter Jahn, Wolf-Dieter Schubert, & Dirk W. Heinz.** 2005. "Crystal structure of 5-aminolevulinat synthase, the first enzyme of heme biosynthesis, and its link XLSA in humans." *The EMBO Journal* **24** (21 September): 3166-3177.
- Aston, Daniel.** 2001. "Tornado in a Junkyard, the Relentless Myth of Darwinism." *Atheism and Evolution* July posting (online text at www.geocities.com/a_and_e_uk/ accessed 1/9/2002, not available as of 12/23/2014).
- A Storehouse of Knowledge.** 2010a. "Qur'an." Entry last modified 3 March (online text at astorehouseofknowledge.info accessed 1/23/2014).
- . 2010b. "Feasibility of the Great Flood." Entry last modified 4 November (online text at astorehouseofknowledge.info accessed 1/23/2014).
- . 2010c. "Ancient Egypt." Entry last modified 11 December (online text at astorehouseofknowledge.info accessed 1/23/2014).
- . 2011. "Dinosaur." Entry last modified 18 December (online text at astorehouseofknowledge.info accessed 1/23/2014).
- . 2012a. "Great Flood." Entry last modified 27 March (online text at astorehouseofknowledge.info accessed 1/23/2014).
- . 2012b. "Alleged problems in the Bible." Entry last modified 29 March (online text at astorehouseofknowledge.info accessed 1/23/2014).

- . 2012c. “Punctuated equilibrium.” Entry last modified 3 April (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2012d. “Transitional form.” Entry last modified 3 April (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2012e. “Slavery.” Entry last modified 6 May (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2012f. “Archaeopteryx.” Entry last modified 6 August (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2013a. “Radioactive dating.” Entry last modified 23 September (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2013b. “Baraminology.” Entry last modified 22 October (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- . 2014. “Suppression of dissent against evolution.” Entry last modified 3 January (online text at *astorehouseofknowledge.info* accessed 1/23/2014).
- Astronomy Magazine*. 2014. “First observations of the surfaces of objects from the Oort Cloud.” *Astronomy* posting 17 November (online text at *www.astronomy.com* accessed 7/14/2015).
- Asvitt, Russell J.** 1984. “Don’t Always Trust the Experts.” *Fundamentalist Journal* 3 (January): 66.
- Ataman, Bulent, Gabriella L. Boulting, David A. Harmin, Marty G. Yang, Mollie Baker-Salisbury, Ee-Lynn Yap, Athar N. Malik, Kevin Mei, Alex A. Rubin, Ivo Spiegel, Ershela Duresi, Nikhil Sharma, Linda S. Hu, Mihovil Pletikos, Eric C. Griffith, Jennifer N. Partlow, Christine R. Stevens, Mazhar Adli, Maria Chahrour, Nenad Sestan, Christopher A. Walsh, Vladimir K. Berezovskii, Margaret S. Livingstone, & Michael E. Greenberg.** 2016. “Evolution of Osteocrin as an activity-regulated factor in the primate brain.” *Nature* 539 (10 November): 242-247.
- Atchison, Michael.** 2000. “Genetic Testing for Diseases: A Judeo-Christian Perspective.” *Leadership U* posting (online text at *leaderu.com* accessed 7/20/2014).
- Ateku, Ben.** 2010. “Speakers challenge Darwin’s theory.” *Southern Methodist University Daily Campus* posting 26 September (online text at *smudailycampus.com* accessed 10/4/2010).
- Atencio, Craig A., Tatyana O. Sharpee, & Christoph E. Schreiner.** 2009. “Hierarchical computation in the canonical auditory cortical circuit.” *Proceedings of the National Academy of Sciences* 106 (22 December): 21894-21899.
- Athanasiadis, Alekos, Alexander Rich, & Stefan Maas.** 2004. “Widespread A-to-I RNA Editing of Alu-Containing mRNAs in the Human Transcriptome.” *PLoS Biology* (online @ *plosbiology.org*) 2 (December): e391.
- Atheist Census*. 2012. “Numbers matter. Be counted.” *Atheist Census* updated posting (online text at *www.atheistcensus.com* accessed 12/17/2012).
- Atheist Conspiracy.** 2012. “Stalkers vs. Stasi.” *The Atheist Conspiracy* 1 July blog posting (online text at *lordsetar.wordpress.com* accessed 9/6/2012).
- Atheist Engineer.** 2015. “Towards an Objective Assessment of Scriptural Prophecy.” *Atheist Engineer* 9 September posting (online text at *www.atheistengineer.com* accessed 9/9/2015).
- . 2016a. “Flat Earth Misconceptions.” *Atheist Engineer* 30 April posting (online text at *www.atheistengineer.com* accessed 4/30/2016).
- . 2016b. “Response to Evolution ‘News’.” *Atheist Engineer* 1 June posting (online text at *www.atheistengineer.com* accessed 5/31/2016).
- Athena.** 2013. “When fundamentalists attack!” *Leaving Fundamentalism* 26 June guest posting by Jonny Scaramanga (online text at *leavingfundamentalism.wordpress.com* accessed 2/17/2014).
- Athitakis, Mark.** 2001. “Looking for God at Berkeley.” *San Francisco Weekly* (20 June) reprinted at *Center for Science & Culture* (online text at *discovery.org* accessed 12/28/2010).
- Atkins, Christian J., & John S. Peel.** 2008. “*Yochelcionella* (Mollusca, Helcionelloida) from the lower Cambrian of North America.” *Czech Geological Survey Bulletin of Geosciences* 83 (1): 23-38.

- Atkins, John F., & Ray Gesteland.** 2002. “The 22nd Amino Acid.” *Science* **296** (24 May): 1409-1410.
- Atkins, Ken, Syd Stapleton, & Carl Johnson.** 2002. “A Documentation History of Events.” The Burlington-Edison Committee for Science Education *Science or Myth?* posting (online text at www.scienceormyth.org accessed 1/18/2014).
- Atkinson, Gemma C., Sandra L. Baldauf, & Vasili Hauryliuk.** 2008. “Evolution of nonstop, no-go and nonsense-mediated mRNA decay and their termination factor-derived components.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (23 October): 290.
- Atkinson, Gemma C., & Vasili Hauryliuk.** 2012. “Evolution and Function of the RelA/SpoT Homologue (RSH) Proteins,” February entry in online *Encyclopedia of Life Sciences (ELS)*. Chichester, UK: John Wiley & Sons (online pdf via www.els.net accessed 5/21/2016).
- Atkinson, James W.** 1992. “Development and macroevolution: Introduction to the Symposium.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **32** (February): 103-105.
- Atkinson, Janette, & Oliver Braddick.** 2001. “Gaze Control: A Developmental Perspective,” in Zanker & Zeil (2001, 219-225).
- Atkinson, Jay.** 2014. “Evolution.” *The Latter Rain Ministry* undated posting (online text at www.latter-rain.com accessed 10/25/2014).
- Atkinson, Nancy.** 2011. “Evidence of a Late Heavy Bombardment Occuring in Another Solar System.” *Universe Today* 19 October posting (online text at www.universetoday.com accessed 11/2/2011).
- Atkinson, Quentin D.** 2011. “Phenomic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa.” *Science* **332** (15 April): 346-349.
- . 2012a. “Response to Comments on ‘Phenomic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa.’” *Science* **335** (10 February): 657.
- . 2012b. “Response to Comment on ‘Phenomic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa.’” *Science* **335** (2 March): 1042.
- Atkinson, Stuart P., Christoph M. Koch, Gayle K. Clelland, Sarah Willcox, Joanna C. Fowler, Rebecca Stewart, Majlinda Lako, Ian Dunham, & Lyle Armstrong.** 2008. “Epigenetic Marking Prepares the Human *HOXA* Cluster for Activation During Differentiation of Pluripotent Cells.” *Stem Cells* **26** (May): 1174-1185.
- Atkinson, Tim, & Mike Leeder.** 2008. “Canyon Cutting on a Grand Time Scale.” *Science* **319** (7 March): 1343-1344.
- Atmanspacher, Harald, & Stefan Rotter.** 2011. “On determinacy or its absence in the brain,” in Swinburne (2011, 84-101).
- Atomi, Haruyuki, Rie Matsumi, & Tadayuki Imanaka.** 2004. “Reverse Gyrase Is Not a Prerequisite for Hyperthermophilic Life.” *Journal of Bacteriology* **186** (July, No. 14): 4829-4833.
- Aton, Sara J., Julie Seibt, Michelle Dumoulin, Sushil K. Jha, Nicholas Steinmetz, Tammi Coleman, Nirinjini Naidoo, & Marcos G. Frank.** 2009. “Mechanisms of Sleep-Dependent Consolidation of Cortical Plasticity.” *Neuron* **61** (12 February): 454-466.
- Atran, Scott.** 2002. *In Gods We Trust: The Evolutionary Landscape of Religion*. Oxford: Oxford University Press.
- . 2015. “Mindless terrorists? The truth about ISIS is much worse.” *The Guardian* posting 15 November (online text at guardian.com accessed 11/16/2015).
- Atran, Scott, & Jeremy Ginges.** 2012. “Religious and Sacred Imperatives in Human Conflict.” *Science* **336** (18 May): 855-857.
- Atran, Scott, & Ara Norenzayan.** 2004. “Religion’s evolutionary landscape: Counterintuition, commitment, compassion, communion.” *Behavioral and Brain Sciences* **27** (6): 713-770.
- Atran, Scott, Hammad Sheikh, & Angel Gomez.** 2014. “Devoted actors sacrifice for close comrades and sacred cause.” *Proceedings of the National Academy of Sciences* **111** (16 December): 17702-17703.
- Atri, Dimitra.** 2016. “On the possibility of Galactic Cosmic Ray-induced radiolysis-powered life in subsurface environments in the Universe.” *Journal of the Royal Society Interface* **13**

- (October): 20160459.
- Atsumi, Shogo, Kazuhisa Miyamoto, Kimiko Yamamoto, Junko Narukawa, Sawako Kawai, Hideki Sezutsu, Isao Kobayashi, Keiro Uchino, Toshiki Tamura, Kazuei Mita, Keiko Kadono-Okuda, Sanae Wada, Kohzo Kanda, Marian R. Goldsmith, & Hiroaki Noda.** 2012. "Single amino acid mutation in an ATP-binding cassette transporter gene causes resistance to Bt toxin Cry1Ab in the silkworm, *Bombyx mori*." *Proceedings of the National Academy of Sciences* **109** (19 June): E1591-E1598.
- Attanasio, Catia, Alex S. Nord, Yiwen Zhu, Matthew J. Blow, Zirong Li, Denise K. Liberton, Harris Morrison, Ingrid Plajzer-Frick, Amy Holt, Roya Hosseini, Sengthavy Phouanenavong, Jennifer A. Akiyama, Malak Shoukry, Veena Afzal, Edward M. Rubin, David R. FitzPatrick, Bing Ren, Benedikt Hallgrímsson, Len A. Pennacchio, & Axel Visel.** 2013. "Fine Tuning of Craniofacial Morphology by Distant-Acting Enhancers." *Science* **342** (25 October): 1241006 (online at sciencemag.org).
- Attenborough, Rosalind M. F., David C. Hayward, Marcelo V. Kitahara, David J. Miller, & Eldon E. Ball.** 2012. "A 'Neural' Enzyme in Nonbilaterian Animals and Algae: Preneuronal Origins for Peptidylglycine α -Amidating Monooxygenase." *Molecular Biology and Evolution* **29** (October): 3095-3109.
- Attig, Jan, Igor Ruiz de los Mozos, Nejc Haberman, Zhen Wang, Warren Emmett, Kathi Zarnack, Julian König, & Jernej Ule.** 2016. "Splicing repression allows the gradual emergence of new Alu-exons in primate evolution." *eLife* (online @ elifesciences.org) **5** (18 November): e19545.
- Attwater, James, Aniela Wochner, Vitor B. Pinheiro, Alan Coulson, & Philipp Holliger.** 2010. "Ice as a protocellular medium for RNA replication." *Nature Communications* (online @ nature.com) **1** (21 September): 76.
- Attwell, David, Alastair M. Buchan, Serge Charpak, Martin Lauritzen, Brian A. MacVicar, & Eric A. Newman.** 2010. "Glial and neuronal control of brain blood flow." *Nature* **468** (11 November): 232-243.
- Attwood, Teresa K.** 2000. "The Babel of Bioinformatics." *Science* **290** (20 October): 471-473.
- Atwal, Gurinder Singh, Tomas Kirchhoff, Elisabeth E. Bond, Marco Monagna, Chiara Menin, Roberta Bertorelle, Maria Chiara Scaini, Frank Bartel, Anja Böhnke, Christina Pempe, Elise Gradhand, Steffen Hauptmann, Kenneth Offit, Arnold J. Levine, & Gareth L. Bond.** 2009. "Altered tumor formation and evolutionary selection of genetic variants in the human MDM4 oncogene." *Proceedings of the National Academy of Sciences* **106** (23 June): 10236-10241.
- Attwater, Brian F.** 1986. "Pleistocene Glacial-Lake Deposits of the Sanpol River Valley, Northeastern Washington." Denver, CO: U.S. Department of the Interior *Geological Survey Bulletin* 1661.
- Attwell, Shane, Mark Ultsch, Abraham M. De Vos, & James A. Wells.** 1997. "Structural Plasticity in a Remodeled Protein-Protein Interface." *Science* **278** (7 November): 1125-1128.
- Atwood, Ann, Robert DeConde, Susanna S. Wang, Todd C. Mockler, Jamal S. M. Sabir, Trey Ideker, & Steve A. Kay.** 2011. "Cell-autonomous circadian clock of hepatocytes drives rhythms in transcription and polyamine synthesis." *Proceedings of the National Academy of Sciences* **108** (8 November): 18560-18565.
- Atzil, Shir, Alexandra Touroutoglou, Tali Rudy, Stephanie Salcedo, Ruth Feldman, Jacob M. Hooker, Bradford C. Dickerson, Ciprian Catana, & Lisa Feldman Barrett.** 2017. "Dopamine in the medial amygdala network mediates human bonding." *Proceedings of the National Academy of Sciences* **114** (28 February): 2361-2366.
- Aubert, Julien.** 2015. "Ancient planetary dynamos, take two." *Science* **349** (31 July): 475-476.
- Aubert, M., A. Brumm, M. Ramli, T. Sutikna, E. W. Saptomo, B. Hakim, M. J. Morwood, G. D. van den Bergh, L. Kinsley, & A. Dosseto.** 2014. "Pleistocene cave art from Sulawesi, Indonesia." *Nature* **514** (9 October): 223-227.
- Aubry, Marie-Pierre.** 2005. "Approach to paleobiodiversity: Mesozoic calcareous nannoplankton." *Micropaleontology* **51** (October): 265-266.

- Aucoin, Brent.** 2009. "Anti-Creation Museum Lecture at Purdue University." *Answers in Genesis* blog 3 October posting (online text at blogs.answersingenesis.org accessed 2/12/2012).
- Audergon, Pauline N. C. B., Sandra Catania, Alexander Kagansky, Pin Tong, Manu Shukla, Alison L. Pidoux, & Robin C. Allshire.** 2015. "Restricted epigenetic inheritance of H3K9 methylation." *Science* **348** (3 April): 132-135.
- Audouze Jean, William A. Fowler, & David N. Schramm.** 1972. "176Lu and s-Process Nucleosynthesis." *Nature Physical Science* **238** (3 July): 8–11.
- Aue, Tatjana, Howard C. Nusbaum, & John T. Cacioppo.** 2012. "Neural correlates of wishful thinking." *Social Cognitive & Affective Neuroscience* **7** (November): 991-1000.
- Auer, Blain.** 2012. "Neither Radical Nor Secular: The West Struggles with the New Islamism." *Religion Dispatches* 2 February posting (online text at religiondispatches.org accessed 2/4/2012).
- Auerbach, Benjamin M.** 2015. Review of *The Ancient Giants Who Ruled America*. *American Antiquity* **80** (July): 628-629.
- Auersperg, A. M. I., A. M. I. von Bayern, S. Weber, A. Szabadvari, T. Bugnyar, & A. Kacelnik.** 2014. "Social transmission of tool use and tool manufacture in Goffin cockatoos (*Cacatua goffini*)." *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (22 October): 20140972.
- Augee, Michael L., ed.** 1992. *Platypus and Echidnas*. Mosmon, AU: Royal Zoological Society of New South Wales.
- Augliere, Bethany.** 2016. "Monkey teeth tell tale of ancient migration." *Nature News* (20 April) posting (online text at nature.com accessed 7/29/2017).
- Augustin, N., H. Paulock, K. S. Lackschewitz, A. Eisenhauer, D. Garbe-Schönberg, T. Kuhn, R. Botz, & M. Schmidt.** 2012. "Alteration at the ultramafic-hosted Logatchev hydrothermal field: Constraints from trace element and Sr-O isotope data." *G3 Gochemistry Geophysics Geosystems* **13** (17 March): QOAE07.
- Auletta, Gennaro, Marc Leclerc, & Rafael A. Martinez, eds.** 2011. *Biological Evolution: Facts and Theories—A Critical Appraisal 150 Years After "The Origin of Species"*. Analecta Gregoriana 312. Rome: Gregorian & Biblical Press.
- Aulie, Richard P.** 1974a. "The Origin of the Idea of the Mammal-like Reptile." Part 1 of 3. *The American Biology Teacher* **36** (November): 476-484, 511.
- . 1974b. "The Origin of the Idea of the Mammal-like Reptile." Part 2 of 3. *The American Biology Teacher* **36** (December): 545-553.
- . 1975. "The Origin of the Idea of the Mammal-like Reptile." Part 3 of 3. *The American Biology Teacher* **37** (January): 21-32.
- Auriol, Clément, Gwénaëlle Bestel-Corre, Jean-Baptiste Claude, Philippe Soucaille, & Isabelle Meynial-Salles.** 2011. "Stress-induced evolution of *Escherichia coli* points to original concepts in respiratory cofactor selectivity." *Proceedings of the National Academy of Sciences* **108** (25 January): 1278-1283.
- Ausich, William I.** 1998. "Early Phylogeny and Subclass Division of the Crinoidea (Phylum Echinodermata)." *Journal of Paleontology* **72** (May): 499-510.
- Ausich, William I., & Loren E. Babcock.** 1998. "The phylogenetic position of *Echmatocrinus brachiatus*, a probable octocoral from the Burgess Shale." *Palaeontology* **41** (March): 193-202.
- Ausich, William I., & Thomas W. Kammer** 2001. "The Study of Crinoids During the 20th Century and the Challenges of the 21st Century." *Journal of Paleontology* **75** (November): 1161-1173.
- . 2008. "Evolution and Extinction of a Paleozoic Crinoid Clade: Phylogenetics, Paleogeography, and Environmental Distribution of the Periechocrinids," in Ausich & Webster (2008, 145-171).
- Ausich, William I., Thomas W. Kammer, Elizabeth C. Rhenberg, & David F. Wright.** 2015. "Early Phylogeny of Crinoids Within the Pelmatozoan Clade." *Palaeontology* **58** (November): 937-952.

- Ausich, William I., & Gary D. Webster**, eds. 2008. *Echinoderm Paleobiology*. Bloomington, IN: Indiana University Press.
- Austad, Steven N.** 2015. “The human prenatal sex ratio: A major surprise.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4839-4940.
- Austin, David F.** 2010. “Religion, Science, Life and Mind.” North Carolina State University “Philosophy of Science” course posting (online pdf at www4.ncsu.edu accessed 5/15/2017).
- Austin, Jeremy J., Andrew J. Ross, Andrew B. Smith, Richard A. Fortey, & Richard H. Thomas.** 1997. “Problems of reproducibility—does geologically ancient DNA survive in amber-preserved insects?” *Proceedings of the Royal Society of London B* (Biological Sciences) **264** (22 April): 467-474.
- Austin, Jeremy J., Andrew B. Smith, Richard A. Fortey, & Richard H. Thomas.** 1998. “Ancient DNA from Amber Inclusions: A Review of the Evidence.” *Ancient Biomolecules* **2** (2-3): 167-176.
- Austin, Jeremy J., Andrew B. Smith, & Richard H. Thomas.** 1997. “Palaeontology in a molecular world: the search for authentic ancient DNA.” *Trends in Ecology & Evolution* **12** (August): 203-306.
- Austin, John.** 2016. “Evolution teaching standards spawn another battle.” *Weatherford Democrat* (Texas) posting 24 September: online text accessed 12/13/2016 (www.weatherforddemocrat.com).
- Austin, Nan.** 2010. “Modesto science teacher’s plan to teach intelligent design sparks debate.” *Modesto Bee* (California) posting 26 September: online text accessed 9/30/2010 (www.modbee.com).
- Austin, Sam M., & George F. Bertsch.** 1995. “Halo Nuclei.” *Scientific American* **272** (June): 90-95.
- Austin, Stephen B.** 1998. “Plant Evidence of Creation.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **15** (May/June): 3.
- Austin, Steven A.** 1984. “No. 137—Ten Misconceptions about the Geologic Column.” Institute for Creation Research *Impact* (November): i-iv.
- . 1986. “Mt. St. Helens and Catastrophism.” Institute for Creation Research *Acts & Facts* (July) posting (online text at icr.org accessed 7/30/2012).
- . 1988. “Grand Canyon Lava Flows: A Survey of Isotope Dating Methods.” Institute for Creation Research *Acts & Facts* (April) posting (online text at icr.org accessed 6/19/2017).
- . 1989. “How Fast Can Coal Form?” Answers in Genesis *Creation* **12** (December): online pdf accessed 1/13/2009 (via www.cai.org).
- . 1992. “Excessively Old ‘Ages’ For Grand Canyon Lava Flows.” Institute for Creation Research *Acts & Facts* (February) posting (online text at icr.org accessed 5/6/2011).
- . 1993. “Were Grand Canyon Limestones Deposited by Calm and Placid Seas?” *Institute for Creation Research* posting (online text at icr.org accessed 11/25/2009).
- , ed. 1994. *Grand Canyon: Monument to Catastrophe*. Santee, CA: Institute for Creation Research.
- . 1996. “Excess Argon within Mineral Concentrates from the New Dacite Lava Dome at Mount St. Helens Volcano.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **10** (3): 335-343.
- . 2005. “Washington Scablands and the Lake Missoula Flood.” *Institute for Creation Research* posting 10 October (online text at www.icr.org accessed 10/9/2014).
- . 2008. “Red Rock Pass: Spillway of the Bonneville Flood.” Institute for Creation Research *Acts & Facts* (July): 10-12.
- . 2009a. “The dynamic landscape on the north flank of Mount St, Helens,” in O’Conner *et al.* (2009, 337-344).
- . 2009b. “Christian Geologists Influential at GSA Meeting.” Institute for Creation Research *Acts & Facts* (December): 8-9.
- . 2010. “Supervolcanoes and the Mount St. Helens Eruption.” Institute for Creation Research *Acts & Facts* (May): 4-5.
- . 2012. “Jerusalem Earthquake of 33 A.D.: Evidence within Laminated Mud of the Dead

- Sea.” *Geological Society of America* meeting (7 November) lecture pdf accessed 2/27/2015 (gsa.confex.com/gsa/).
- . 2013. “Why Is Mount St. Helens Important to the Origins Controversy?” *Answers in Genesis* 18 July 2014 posting of *The New Answers Book 3* Chapter 26 (online text at www.answersingenesis.org accessed 2/17/2015).
- Austin, Steven A., John R. Baumgardner, Andrew A. Snelling, Larry Vardiman, & Kurt P. Wise.** 1994. “Catastrophic Plate Tectonics: A Global Flood Model of Earth History.” Creation Science Fellowship *Third International Conference on Creationism* paper (online text at www.icr.org accessed 1/1/2011).
- Austin, Steven A.** 1999. “Trivializing Creationist Scholarship,” with Reply by **Wilfred Elders.** *Reports of the National Center for Science Education* **19** (March-April): 11-19.
- Austin, Steven A., & Kurt P. Wise.** 1994. “The pre-Flood/Flood Boundary: As Defined in Grand Canyon, Arizona and eastern Mojave Desert, California.” Creation Science Fellowship *Third International Conference on Creationism* paper (online pdf at www.icr.org accessed 3/5/2015).
- . 2002. “Regionally Extensive Mass Kill of Large Orthocone Nautiloids, Redwall Limestone (Lower Mississippian), Grand Canyon National Park, Arizona.” *Geological Society of America* meeting (30 October) online abstract accessed 6/12/2014 (gsa.confex.com/gsa/).
- Australia & Pacific Science Foundation.* 2012. “Tracing antiquity of banana cultivation in Papua New Guinea.” *Centre for Geochronology and Palaeoenvironmental Research* undated posting (online text at apscience.org.au accessed 8/11/2012).
- Australian Academy of Science.* 2013. “Science literacy in Australia.” *Australian Academy of Science* 17 July survey posting (online text at www.science.org.au accessed 8/3/2013).
- Austriaco, Nicanor Pier Giorgio.** 2003. “The Myth Of The Gay Gene.” *Homiletic and Pastoral Review* (December) reposting (online text at narth.com accessed 11/11/2010).
- Austrian Independent.* 2014. “Secret ‘anti-gay’ meeting held by Russian oligarch with top politicians in Vienna.” *Austrian Independent* 11 June posting (online text at austrianindependent.com accessed 6/10/2014).
- Ausubel, Frederick M.** 2005. “Are innate immunity signaling pathways in plants and animals conserved?” *Nature Immunology* **6** (October): 673-679.
- Autio, Kaija J., Alexander J. Kastaniotis, Helmut Pospiech, Ilkka J. Miinalainen, Melissa S. Schoenauer, Carol L. Dieckmann, & J. Kalervo Hiltunen.** 2008. “An ancient genetic link between vertebrate mitochondrial fatty acid synthesis and RNA processing.” *Federation of American Societies for Experimental Biology The FASEB Journal* **22** (February): 569-578.
- Auton, Adam, Adi Fledel-Alon, Susanne Pfeifer, Oliver Venn, Laure Ségurel, Teresa Street, Ellen M. Leffler, Rory Bowden, Ivy Aneas, John Broxholme, Peter Humburg, Zamin Iqbal, Gerton Lunter, Julian Maller, Ryan D. Hernandez, Cord Melton, Aarti Venkat, Marcelo A. Nobrega, Ronald Bontrop, Simon Myers, Peter Donnelly, Molly Przeworski, & Gil McVean.** 2012. “A Fine-Scale Chimpanzee Genetic Map from Population Sequencing.” *Science* **336** (13 April): 193-198.
- Autor, David H.** 2014. “Skills, education, and the rise of earnings inequality among the ‘other 99 percent’.” *Science* **344** (23 May): 843-851.
- Auyeung, B., M. V. Lombardo, M. Heinrichs, B. Chkrabarti, A. Sule, J. B. Deakin, R. A. I. Bethlehem, L. Dickens, N. Mooney, J. A. N. Sipple, P. Thiemann, & S. Baron-Cohen.** 2015. “Oxytocin increases eye contact during a real-time, naturalistic social interaction in males with and without autism.” *Translational Psychiatry* (online @ nature.com) **5** (10 February): e507.
- Avakian, Brad, & Doug McKean.** 2012. *Oregon Bureau of Labor and Industries* re Case No. 38-11 *Andrew W. Engel* (online pdf at www.oregon.gov accessed 7/9/2015).
- Avalos, Martin, Reyes Babiano, Pedro Cintas, José L. Jiménez, & Juan C. Palacios.** 1998. “Absolute Asymmetric Synthesis under Physical Fields: Facts and Fictions.” *Chemical Reviews* **98** (November): 2391-2404.

- Avarello, Rosamaria, Antonio Pedicini, Angela Caiulo, Orsetta Zuffardi, & Marco Fraccaro.** 1992. "Evidence for an ancestral alphoid domain on the long arm of human chromosome 2." *Human Genetics* **89** (May): 247-249.
- Aveni, Anthony F.** 1993. *Ancient Astronomers*. Montreal: St. Remy Press (Smithsonian Books).
———. 2001. "Other Stars Than Ours." *Natural History* **110** (April): 66-73.
- Averbeck, Bruno B.** 2010. "Oxytocin and the salience of social cues." *Proceedings of the National Academy of Sciences* **107** (18 May): 9033-9034.
- Averianov, Alexander O.** 1994. "Early Eocene mimotonids of Kyrgyzstan and the problem of Mixodontia." *Acta Palaeontologica Polonica* **39** (4): 393-411.
- Averianov, Alexander O., & J. David Archibald.** 2015. "Evolutionary transition of dental formula in Late Cretaceous eutherian mammals." *Naturwissenschaften* **102** (October): 56.
- Averianov, Alexander O., J. David Archibald, & Thomas Martin.** 2003. "Placental nature of the alleged marsupial from the Cretaceous of Madagascar." *Acta Palaeontologica Polonica* **48** (1): 149-151.
- Averianov, A. O., & S. A. Krasnolutskii.** 2009. "Stegosaur Remains from the Middle Jurassic of West Siberia." *Proceedings of the Zoological Institute of the Russian Academy of Sciences* **313** (June): 153-167.
- Averianov, A. O., & A. V. Lopatin.** 2011. "Phylogeny of triconodonts and symmetrodonts and the origin of extant mammals." *Doklady Biological Sciences (Russia)* **436** (2): 276-279.
———. 2014. "On the Phylogenetic Position of Monotremes (Mammalia, Monotremata)." *Paleontological Journal* **48** (4): 426-446.
- Averianov, Alexander O., Thomas Martin, & Alexey V. Lopatin.** 2013. "A new phylogeny for basal Trechnotheria and Cladotheria and affinities of South American endemic Late Cretaceous mammals." *Naturwissenschaften* **100** (April): 311-326.
- Averianov, Alexander, Ekaterina Obraztsova, Igor Danilov, Pavel Skutschas, & Jianhua Jin.** 2016. "First nimravid skull from Asia." *Scientific Reports* (online @ www.nature.com/srep/) **6** (10 May): 25812.
- Averianov, Alexander O., & Pavel P. Skutschas.** 2001. "A new genus of eutherian mammal from the Early Cretaceous of Transbaikalia, Russia." *Acta Palaeontologica Polonica* **46** (3): 431-436.
- Averianov, Alexander O., & Hans-Dieter Sues.** 2009. "First record of a basal neoceratopsian dinosaur from the Late Cretaceous of Kazakhstan." *Acta Palaeontologica Polonica* **54** (3): 553-556.
- Averick, Moshe.** 2011a. "Scientists Prove Again that Life is the Result of Intelligent Design." *The algemeiner* posting 17 August (online text at www.algemeiner.com accessed 7/17/2015).
———. 2011b. "Severe Weather Alert: Dr. Jerry Coyne—Militant Atheist Biologist—Is Blowing Very Hot Air In Chicago." *The algemeiner* posting 14 December (online text at www.algemeiner.com accessed 12/22/2011).
- Averof, Michalis, & Michael Akam.** 1995. "Hox genes and the diversification of insect and crustacean body plans." *Nature* **376** (3 August): 420-423.
- Averof, Michalis, & Stephen M. Cohen.** 1997. "Evolutionary origin of insect wings from ancestral gills." *Nature* **385** (13 February): 627-630.
- Averof, Michalis, & Nipam H. Patel.** 1997. "Crustacean appendage evolution associated with changes in Hox gene expression." *Nature* **388** (14 August): 682-686.
- Averof, Michalis, Anastasios Pavlopoulos, & Zacharias Kontarakis.** 2010. "Evolution of new appendage types by gradual changes in Hox gene expression—the case of crustacean maxillipeds." *Palaeodiversity* **3** (Supplement): 141-145.
- Aversi-Ferreira, Roqueline A. G. M., Rafael Vieira Bretas, Rafael Souto Maior, Munkhzul Davaasuren, Carlos Alberto Paraguassú-Chaves, Hisao Nishijo, & Tales Alexandre Aversi-Ferreira.** 2014. "Morphometric and Statistical Analysis of the Palmaris Longus Muscle in Human and Non-Human Primates." *BioMed Research International* **2014**: 178906.
- Avery, Dennis.** 2013. "Gullible Green sailors trapped in the Arctic: Should they sue Sierra Club

- Canada for predicting an ice-free Arctic in 2013?” *CFACT* 19 September (online text at www.cfact.org accessed 6/8/2014).
- Avery, Michael, & Danielle McLaughlin.** 2013. “How Conservatives Captured the Law.” *The Chronicle of Higher Education* *The Chronicle Review* posting 15 April: online text accessed 4/10/2014 (chronicle.com).
- Avian Brain Nomenclature Consortium.** 2005. “Avian brains and a new understanding of vertebrate brain evolution.” *Nature Reviews Neuroscience* **6** (February): 151-159.
- Avicenna.** 2014. “Brian Chambers—Let’s Prey on Cancer Patients.” *A Million Gods* 1 March posting (online text at freethoughtblogs.com/amilliongods accessed 10/26/2014).
- Aviezer, Hillel, Yaacov Trope, & Alexander Todorov.** 2012. “Body Cues, Not Facial Expressions, Discriminate Between Intense Positive and Negative Emotions.” *Science* **338** (30 November): 1225-1229.
- Aviezer, Nathan.** 2010. “Intelligent Design versus Evolution.” *Rambam Maimonides Medical Journal* (online @ rmmj.org.il) **1** (June): e0007.
- . 2012. “Fossils and Faith.” *Hirhurim - Musings* posting 29 February (online text at torahmusings.com accessed 7/25/2012).
- Avilés, Leticia.** 2002. “Solving the freeloaders paradox: Genetic associations and frequency-dependent selection in the evolution of cooperation among nonrelatives.” *Proceedings of the National Academy of Sciences* **99** (29 October): 14268-14273.
- Aviram, Naama, Tslil Ast, Elizabeth A. Costa, Eric C. Arakel, Silvia G. Chuartzman, Calvin H. Jan, Sarah Haßdenteufel, Johanna Dudek, Martin Jung, Stefan Schorr, Richard Zimmermann, Blanche Schwappach, Jonathan S. Weissman, & Maya Schuldiner.** 2016. “The SND proteins constitute an alternative targeting route to the endoplasmic reticulum.” *Nature* **540** (1 December): 134-138.
- Aviran, Sharon, Cole Trapnell, Julius B. Lucks, Stefanie A. Mortimer, Shujun Luo, Gary P. Schroth, Jennifer A. Doudna, Adam P. Arkin, & Lior Pachter.** 2011. “Modeling and automation of sequencing-based characterization of RNA structure.” *Proceedings of the National Academy of Sciences* **108** (5 July): 11069-11074.
- Avise, John C.** 1998. *The Genetic Gods: Evolution and Belief in Human Affairs*. Cambridge, MA: Harvard University Press.
- . 2003. “The Best and the Worst of Times for Evolutionary Biology.” *BioScience* **53** (March): 247-253.
- . 2007. *On Evolution*. Baltimore, MD: Johns Hopkins University Press.
- . 2010a. “Footprints of nonsentient design inside the human genome.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8969-8976.
- . 2010b. *Inside the Human Genome: A Case for Non-Intelligent Design*. Oxford: Oxford University Press.
- Avise, John C., & Francisco J. Ayala.** 2009. “In the light of evolution III: Two centuries of Darwin.” *Proceedings of the National Academy of Sciences* **106** (16 June): 9933-9938.
- . 2010. “In the light of evolution IV: The human condition.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8897-8901.
- Avise, John C., Brian W. Bowen, & Francisco J. Ayala.** 2016. “In the light of evolution X: Comparative phylogeography.” *Proceedings of the National Academy of Sciences* **113** (19 July): 7957-7961.
- Avise, John C., & Glenn C. Johns.** 1999. “Proposal for a standardized temporal scheme of biological classification for extant species.” *Proceedings of the National Academy of Sciences* **96** (22 June): 7358-7363.
- Avise, John C., & Jin-Xian Liu.** 2010. “Multiple mating and its relationship to alternative modes of gestation in male-pregnant versus female-pregnant fish species.” *Proceedings of the National Academy of Sciences* **107** (2 November): 18915-18920.
- Avise, John C., & DeEtte Walker.** 1998. “Pleistocene phylogeographic effects on avian populations and the speciation process.” *Proceedings of the Royal Society of London B* (Biological Sciences) **265** (22 March): 457-463.
- . 1999. “Species realities and numbers in sexual vertebrates: Perspectives from an

- asexually transmitted genome.” *Proceedings of the National Academy of Sciences* **96** (2 February): 992-995.
- Avise, John C., & Kurt Wollenberg.** 1997. “Phylogenetics and the origin of species.” *Proceedings of the National Academy of Sciences* **94** (22 July): 7748-7755.
- Avraham, Inbar, Jeremy Schreier, & Ron Dzikowski.** 2012. “Insulator-like pairing elements regulate silencing and mutually exclusive expression in the malaria parasite *Plasmodium falciparum*.” *Proceedings of the National Academy of Sciences* **109** (26 December): E3678-E3686.
- Avrani, Sarit, Daniel A. Schwartz, & Debbie Lindell.** 2012. “Virus-host swinging party in the oceans.” *Mobile Genetic Elements* **2** (2): 88-95.
- Avrani, Sarit, Omri Wurtzel, Itai Sharon, Rotem Sorek, & Debbie Lindell.** 2011. “Genomic island variability facilitates *Prochlorococcus*-virus coexistence.” *Nature* **474** (30 June): 604-608.
- Avril, Marion, Abhai K. Tripathi, Andrew J. Brazier, Cheryl Andisi, Joel H. Janes, Vijaya L. Soma, David J. Sullivan Jr., Peter C. Bull, Monique F. Stins, & Joseph D. Smith.** 2012. “A restricted subset of *var* genes mediates adherence of *Plasmodium falciparum*-infected erythrocytes to brain endothelial cells.” *Proceedings of the National Academy of Sciences* **109** (26 June): E1782-E1790.
- Awadalla, Philip, Adam Eyre-Walker, & John Maynard Smith.** 1999. “Linkage Disequilibrium and Recombination in Hominid Mitochondrial DNA.” *Science* **286** (24 December): 2524-2525.
- AwareAmerican.** 2011. “Young Islands, Canyons, and Dinosaurs.” *AwareAmerican* 15 September posting (online text at www.dinosaur14ages.com accessed 9/19/2011).
- Awasthi, Gauri, Godavarthi Bhogendra Krishna Satya, & Aparup Das.** 2012. “*PFcrt* haplotypes and the evolutionary history of chloroquine-resistant *Plasmodium falciparum*.” *Rio de Janeiro Memórias do Instituto Oswaldo Cruz* **107** (February): 129-134.
- Awbrey, Frank T.** 1980. “Evidence of the Quality of Creation Science Research.” *Creation/Evolution* **1** (Fall): 40-43.
- . 1981. “Defining ‘Kinds’—Do Creationists Apply a Double Standard?” *Creation/Evolution* **2** (Summer): 1-6.
- . 1983. “Space Dust, The Moon’s Surface, and the Age of the Cosmos.” *Creation/Evolution* **4** (Summer): 21-29.
- Awbrey, Frank T., & William M. Thwaites.** 1982. “A Closer Look at Some Biochemical Data that ‘Support’ Creation.” *Creation/Evolution* **3** (Winter): 14-17.
- , eds. 1984. *Evolutionists Confront Creationists*. Proceedings of 63rd Annual Meeting of the AAAS Pacific Division (30 April) **1** (Part 3). San Francisco: American Association for the Advancement of Science.
- Awramik, Stanley M.** 1971. “Precambrian Columnar Stromatolite Diversity: Reflection of Metazoan Appearance.” *Science* **174** (19 November): 825-827.
- Awramik, Stanley M., & Elso S. Barghoorn.** 1977. “The Gunflint Microbiota.” *Precambrian Research* **5** (August): 121-142.
- Awramik, Stanley M., & Kathleen Grey.** 2005. “Stromatolites: Biogenecity, Biosignatures, and Bioconfusion.” *Proceedings of the SPIE* **5906**: 227–235.
- Awrey, Donald E., Nell Shimasaki, Chris Koth, Rod Weilbaecher, Valerie Olmsted, Sophia Kazanis, Xi Shan, Jerry Arellano, Cheryl H. Arrowsmith, Caroline M. Kane, & Aled M. Edwards.** 1998. “Yeast Transcript Elongation Factor (TFIIS), Structure and Function II: RNA POLYMERASE BINDING, TRANSCRIPT CLEAVAGE, AND READ-THROUGH.” *The Journal of Biological Chemistry* **273** (28 August): 22595-22605.
- Axboe, Morten.** 1999. “The Year 536 and the Scandinavian Gold Hoards.” *Medieval Archaeology* **43**: 186-189.
- Axe, Douglas D.** 2000. “Extreme functional sensitivity to conservative amino acid changes on enzyme exteriors.” *Journal of Molecular Biology* **301** (18 August): 585-595.
- . 2004. “Estimating the Prevalence of Protein Sequences Adopting Functional Enzyme Folds.” *Journal of Molecular Biology* **341** (27 August): 1295-1315.

- . 2008. “Leaping into Trouble.” *Biologic Institute* posting 3 April (online text at biologicinstitute.org accessed 11/9/2013).
- . 2010a. “The Case Against A Darwinian Origin of Protein Folds.” *BIO-Complexity* (online @ bio-complexity.org) **2010** (1): 1-12.
- . 2010b. “A Word to the Wise.” *Biologic Institute* posting 29 September (online text at biologicinstitute.org accessed 10/4/2010).
- . 2010c. “The Limits of Complex Adaptation: An Analysis Based on a Simple Model of Structured Bacterial Populations.” *BIO-Complexity* (online @ bio-complexity.org) **2010** (4): 1-10.
- . 2011a. “When Theory and Experiment Collide.” *Biologic Institute* posting 15 April (online text at biologicinstitute.org accessed 10/13/2013).
- . 2011b. “Correcting Four Misconceptions about my 2004 Article in JMB.” *Biologic Institute* posting 4 May (online text at biologicinstitute.org accessed 12/6/2011).
- . 2012a. “The Gorilla Who Broke the Tree.” *Biologic Institute* posting 21 March (online text at biologicinstitute.org accessed 8/16/2012).
- . 2012b. “Theory Creep: The Quiet Shift in Evolutionary Thought.” Discovery Institute *Evolution News & Views* posting for 25 June (online text at evolutionnews.org accessed 7/20/2012).
- . 2012c. “Thou Shalt Not Put Evolutionary Theory to a Test.” Discovery Institute *Evolution News & Views* posting for 18 July (online text at evolutionnews.org accessed 7/20/2012).
- . 2012d. “Tar Pit Study Shows Complete Absence of Evolutionary Change.” Discovery Institute *Evolution News & Views* posting for 16 October (online text at evolutionnews.org accessed 12/23/2012).
- . 2012e. “Are We Reaching a Consensus that Evolution is Past its Prime?” *Biologic Institute* posting 23 October (online text at biologicinstitute.org accessed 10/13/2013).
- . 2013a. “Answering Objections to *Darwin’s Doubt* from University of Texas Biologist Martin Poenie.” Discovery Institute *Evolution News & Views* for 12 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013b. “More on Objections to *Darwin’s Doubt* from University of Texas Biologist Martin Poenie.” Discovery Institute *Evolution News & Views* posting for 15 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013c. “Show Me: A Challenge for Martin Poenie.” Discovery Institute *Evolution News & Views* posting for 16 August (online text at evolutionnews.org accessed 10/13/2013).
- . 2015. “Proteins by Accident? Replying to a Critic of *The Information Enigma*.” Discovery Institute *Evolution News & Views* posting for 27 October (online text at evolutionnews.org accessed 4/22/2016).
- . 2016a. “In Response to Meyer-Dawkins Dispute, Misconceptions About My Research Resurface.” Discovery Institute *Evolution News & Views* posting for 2 March (online text at evolutionnews.org accessed 11/5/2016).
- . 2016b. “Big Science vs. Humanity: The Arrogant Dream of Constructing a Human Genome in the Lab.” *The Stream* 23 May posting (online text at stream.org accessed 5/23/2016).
- . 2016c. “Public Opinion Is the Ultimate Peer Review.” Discovery Institute *Evolution News & Views* posting for 15 June (online text at evolutionnews.org accessed 6/15/2016).
- . 2016d. “Hey, ‘Science Guy’ Bill Nye: Come Out of the Ark and Face the Flood of Evidence Against Darwinism.” *The Stream* 1 August posting (online text at stream.org accessed 8/3/2016).
- . 2016e. “How Curiosity Overcomes the Yuck Factor: A Positive Take on Negative Reviews.” Discovery Institute *Evolution News & Views* posting for 31 August (online text at evolutionnews.org accessed 9/2/2016).
- . 2016f. “New Study Shows Awe Bad for ‘Science’ (If by ‘Science’ You Mean Atheism).” *The Stream* 15 September posting (online text at stream.org accessed 9/29/2016).
- . 2017a. “Undeniable? A Conversation with Theistic Evolutionist Hans Vodder.” Discovery Institute *Evolution News & Science Today* posting for 23 June (online text at

- evolutionnews.org* accessed 7/1/2017).
- . 2017b. “Is the Universe ‘Rigged’ for Life? Conversation with a Theistic Evolutionist, Continued.” Discovery Institute *Evolution News & Science Today* posting for 26 June (online text at *evolutionnews.org* accessed 7/1/2017).
- Axe, Douglas D., Brendan W. Dixon, & Philip Lu.** 2008. “*Stylus*: A System for Evolutionary Experimentation Based on a Protein/Proteome Model with Non-Arbitrary Functional Constraints.” *PLoS ONE* (online @ plosone.org) **3** (June): e2246.
- Axe, Douglas D., Nicholas W. Foster, & Alan R. Fersht.** 1996. “Active barnase variants with completely random hydrophobic cores.” *Proceedings of the National Academy of Sciences* **93** (28 May): 5590-5594.
- . 1998. “A Search for Single Substitutions that Eliminate Enzymatic Function in a Bacterial Ribonuclease.” *Biochemistry* **37** (19 May): 7157-7166.
- Axe, Douglas D., & Ann K. Gauger.** 2013. “Explaining Metabolic Innovation: Neo-Darwinism versus Design,” in Marks *et al.* (2013a, 489-507).
- . 2015. “Model and Laboratory Demonstrations That Evolutionary Optimization Works Well Only If Preceded by Invention—Selection Itself Is Not Inventive.” *BIO-Complexity* (online @ bio-complexity.org) **2015** (2): 1-13.
- Axe, Douglas D., Philip Lu, & Stephanie Flatau.** 2011. “A *Stylus*-Generated Artificial Genome with Analogy to Minimal Bacterial Genomes.” *BIO-Complexity* (online @ bio-complexity.org) **2011** (3): 1-15.
- Axe, Douglas, Stephen Meyer, Paul Nelson, Richard Sternberg, & Jonathan Wells.** 2010. “Fair debates focus on evidence.” Southern Methodist University *Daily Campus* posting 30 September (online text at *smudailycampus.com* accessed 10/4/2010).
- Axelrod, Paul, & Michelle A. Fuerch.** 1996. “Flight of the Deities: Hindu Resistance in Portuguese Goa.” *Modern Asian Studies* **30** (May): 387-421.
- Axelrod, Robert, David E. Axelrod, & Kenneth J. Pienta.** 2006. “Evolution of cooperation among tumor cells.” *Proceedings of the National Academy of Sciences* **103** (5 September): 13474-13479.
- Axelrod, Robert, & William D. Hamilton.** 1981. “The Evolution of Cooperation.” *Science* **211** (27 March): 1390-1396.
- Axelsson, Erik, Abhirami Ratnakumar, Maja-Louise Arendt, Khurram Maqbool, Matthew T. Webster, Michele Perloski, Olaf Liberg, Jon M. Arnemo, Åke Hedhammar, & Kerstin Lindblad-Toh.** 2013. “The genomic signature of dog domestication reveals adaptation to a starch-rich diet.” *Nature* **495** (21 March): 360-364.
- Axelsson, Michael.** 2001. “The crocodylian heart: more controlled than we thought?” *Experimental Physiology* **86** (November): 785-789.
- Axford, Yarrow, Jason P. Briner, Colin A. Cooke, Donna R. Francis, Neal Michelutti, Gifford H. Miller, John P. Smol, Elizabeth K. Thomas, Cheryl R. Wilson, & Alexander P. Wolfe.** 2009. “Recent changes in a remote Arctic lake are unique within the past 200,000 years.” *Proceedings of the National Academy of Sciences* **106** (3 November): 18443-18446.
- Axmacher, Nikolai, Melanie M. Henseler, Ole Jensen, Bona Weinreich, Christian E. Elger, & Juergen Fell.** 2010. “Cross-frequency coupling supports multi-item working memory in the human hippocampus.” *Proceedings of the National Academy of Sciences* **107** (16 February): 3228-3233.
- Axsmith, Brian J., Edith L. Taylor, Thomas N. Taylor, & N. Ruben Cuneo.** 2000. “New perspectives on the Mesozoic seed fern order Crystospermales based on attached organs from the Triassic of Antarctica.” *American Journal of Botany* **87** (June): 757-768.
- Ayal, Shahar, Guy Hochman, & Dan Zakay.** 2011. “Two sides of the same coin: Information processing style and reverse biases.” *Judgment and Decision Making* **6** (June): 295-306.
- Ayala, Francisco J.** 1978. “The Mechanisms of Evolution.” *Scientific American* **239** (September): 56-69.
- . 1995. “The Myth of Eve: Molecular Biology and Human Origins.” *Science* **270** (22 December): 1930-1936.

- . 2007a. Expert Witness Report (26 April) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via ncse.com/creationism/legal/acsi-v-stearns accessed 10/25/2010).
- . 2007b. “Darwin’s greatest discovery: Design without a designer.” *Proceedings of the National Academy of Sciences* **104** (15 May): 8567-8573.
- . 2007c. *Darwin’s Gift to Science and Religion*. Washington, D.C.: Joseph Henry Press.
- . 2009a. “One hundred fifty years without Darwin are enough!” *Genome Research* **19** (May): 693-699.
- . 2009b. “Darwin and the scientific method.” *Proceedings of the National Academy of Sciences* **106** (16 June): 10033-10039.
- . 2010. “On Reading the Cell’s Signature.” *The BioLogos Foundation* posting 7 January (online text at biologos.org accessed 1/9/2010).
- . 2011. *Ami I a Monkey? Six Big Questions about Evolution*. Baltimore, MD: Johns Hopkins University Press.
- . 2014. “VIII.13 Evolution and Religion,” in Losos *et al.* (2014, 817-824).
- . 2015. “Cloning humans? Biological, ethical, and social considerations.” *Proceedings of the National Academy of Sciences* **112** (21 July): 8879-8886.
- Ayala, Francisco J., & Mario Coluzzi.** 2005. “Chromosome speciation: Humans, *Drosophila*, and mosquitoes.” *Proceedings of the National Academy of Sciences* **102** (3 May): 6535-6542.
- Ayala, Francisco J., Ananías Escalante, Colm O’Hugin, & Jan Klein.** 1994. “Molecular genetics of speciation and human origins.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6787-6794.
- Ayala, Francisco J., & Walter M. Fitch.** 1997. “Genetics and the origin of species: An introduction.” *Proceedings of the National Academy of Sciences* **94** (22 July): 7691-7697.
- Ayala, Francisco J., Walter M. Fitch, & Michael T. Clegg.** 2000. “Variation and evolution in plants and microorganisms: Toward a new synthesis 50 years after Stebbins.” *Proceedings of the National Academy of Sciences* **97** (20 June): 6941-6944.
- Ayala, Francisco José, Andrey Rzhetsky, & Francisco J. Ayala.** 1998. “Origin of the metazoan phyla: Molecular clocks confirm paleontological estimates.” *Proceedings of the National Academy of Sciences* **95** (20 January): 606-611.
- Aydemir, Muzaffer, & Özüm Eğilmez.** 2010. “An Important Antecedent of Ethical/Unethical Behavior: Religiosity.” International Ataturk Alatau University (Kyrgyzstan) *Eurasian Journal of Business and Economics* **3** (6): 71-84.
- Ayers, Edward L.** 1991. “Legacy of Violence.” *American Heritage* **42** (October): 102-109.
- Aylett, Christopher H. S., Qing Wang, Katharine A. Michie, Linda A. Amos, & Jan Löwe.** 2010. “Filament structure of bacterial tubulin homologue TubZ.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19766-19771.
- Ayoub, Nadia A., Jessica E. Garb, Amanda Kuelbs, & Cheryl Y. Hayashi.** 2013. “Ancient Properties of Spider Silks Revealed by the Complete Gene Sequence of the Pre-Wrapping Silk Protein (AcSp1).” *Molecular Biology and Evolution* **30** (March): 589-611.
- Ayrapetov, Marina K., Ozge Gursoy-Yuzugullu, Chang Xu, Ye Xu, & Brendan D. Price.** 2014. “DNA double-strand breaks promote methylation of histone H3 on lysine 9 and transient formation of repressive chromatin.” *Proceedings of the National Academy of Sciences* **111** (24 June): 9169-9174.
- Ayroles, Julien F., Sean M. Buchanan, Chelsea O’Leary, Kyobi Skutt-Kakaria, Jennifer K. Grenier, Andrew G. Clark, Daniel L. Hartl, & Benjamin L. de Bivort.** 2015. “Behavioral idiosyncrasy reveals genetic control of phenotypic variability.” *Proceedings of the National Academy of Sciences* **112** (26 May): 6706-6711.
- Ayyar, Savila, Barbara Negre, Pat Simpson, & Angelika Stollewerk.** 2010. “An arthropod cis-regulatory element functioning in sensory organ precursor development dates back to the Cambrian.” *BMC Biology* (online @ biomedcentral.com) **8** (25 September): 127.
- Azar, Beth.** 2010. “Profile of Michael Lynch.” *Proceedings of the National Academy of Sciences* **107** (7 September): 16013-16015.

- Azarian, Bobby.** 2016. "A neuroscientist explains what may be wrong with Trump supporters' brains." *The Raw Story* 4 August posting (online text at www.rawstory.com accessed 8/4/2016).
- Aze, Tracy, Thomas H. G. Ezard, Andy Purvis, Helen K. Coxall, Duncan R. M. Stewart, Bridget S. Wade, & Paul N. Pearson.** 2013. "Identifying anagenesis and cladogenesis in the fossil record." *Proceedings of the National Academy of Sciences* **110** (6 August): E2946.
- Azevedo, Ricardo B. R., & Armand M. Leroi.** 2001. "A power law for cells." *Proceedings of the National Academy of Sciences* **98** (8 May): 5699-5704.
- Azevedo, Ricardo B. R., Rolf Lohaus, Volker Braun, Markus Gumbel, Muralikrishna Umamaheshwar, Paul-Michael Agapow, Wouter Houthoofd, Ute Platzer, Gaëtan Borgonie, Hans-Peter Meinzer, & Armand M. Leroi.** 2005. "The simplicity of metazoan cell lineages." *Nature* **433** (13 January): 152-156.
- Azhar, Hamdan.** 2013. "Sam Harris and the New Islamophobes, Deconstructed." *Religion Dispatches* 2 May posting (online text at religiondispatches.org accessed 5/15/2013).
- Azimzadeh, Juliette.** 2014. "Exploring the evolutionary history of centrosomes." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **369** (5 September): 20130453.
- Azimzadeh, Juliette, Mei Lie Wong, Diane Miller Downhour, Alejandro Sánchez Alvarado, & Wallace F. Marshall.** 2012. "Centrosome Loss in the Evolution of Planarians." *Science* **335** (27 January): 461-463.
- Aziz, Ramy K., Mya Breitbart, & Robert A. Edwards.** 2010. "Transposases are the most abundant, most ubiquitous genes in nature." *Nucleic Acids Research* **38** (August #13): 4207-4217.
- Azpurua, Jorge, Zhonghe Ke, Iris X. Chen, Quanwei Zhang, Dmitri N. Ermolenko, Zhengdong D. Zhang, Vera Gorbunova, & Andrei Seluanov.** 2013. "Naked mole-rat has increased translational fidelity compared with the mouse, as well as a unique 28S ribosomal RNA cleavage." *Proceedings of the National Academy of Sciences* **110** (22 October): 17350-17355.
- Azuma, Shintaro, Ikuo Katayama, & Tomoeki Nakakuki.** 2014. "Rheological decoupling at the Moho and implication to Venusian tectonics." *Scientific Reports* (online @ www.nature.com/srep/) **4** (18 March): 4403.
- Azuma, Yoichiro, Yoshinori Kumazawa, Masaki Miya, Kohji Mabuchi, & Mutsumi Nishida.** 2008. "Mitogenomic evaluation of the historical biogeography of cichlids toward reliable dating of teleostean divergences." *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (23 July): 215.
- Azuma, Yoichiro, Xing Xu, Masateru Shibata, Soichiro Kawabe, Kazunori Miyata, & Takuya Imai.** 2016. "A bizarre theropod from the Early Cretaceous of Japan highlighting mosaic evolution among coelurosaurians." *Scientific Reports* (online @ www.nature.com/srep/) **6** (23 February): 20478.
- Azvolinsky, Anna.** 2014a. "Added Layers of Proteome Complexity." *The Scientist* posting 17 July (online text at the-scientist.com accessed 7/18/2014).
- . 2014b. "Interspecies RNA Shuffle." *The Scientist* posting 14 August (online text at the-scientist.com accessed 8/18/2014).
- . 2014c. "When the Neanderthals Disappeared." *The Scientist* posting 20 August (online text at the-scientist.com accessed 8/21/2014).
- . 2014d. "Brain Genetics Paper Retracted." *The Scientist* posting 4 September (online text at the-scientist.com accessed 9/8/2014).
- . 2015a. "Lost Y Chromosome Genes Found on Autosomes." *The Scientist* posting 27 May (online text at the-scientist.com accessed 5/28/2015).
- . 2015b. "Mosaic Mutations May Not Be Rare." *The Scientist* posting 5 June (online text at the-scientist.com accessed 6/9/2015).
- . 2015c. "Sperm From Ovaries." *The Scientist* posting 11 June (online text at the-scientist.com accessed 6/16/2015).

- Azzi, João C. B., Angela Sirigu, & Jean-René Duhamel.** 2012. “Modulation of value representation by social context in the primate orbitofrontal cortex.” *Proceedings of the National Academy of Sciences* **109** (7 February): 2126-2131.
- Azzopardi, Paul, & Howard S. Hock.** 2011. “Illusory motion perception in blindsight.” *Proceedings of the National Academy of Sciences* **108** (11 January): 876-881.

- Baab, Karen L.** 2016. “The place of *Homo floresiensis* in human evolution.” Instituto Italiano di Antropologia *Journal of Anthropological Sciences* **94**: 5-18.
- Baab, Karen L., & Kieran P. McNulty.** 2009. “Size, shape, and asymmetry in fossil hominins: the status of the LB1 cranium based on 3D morphometric analyses.” *Journal of Human Evolution* **57** (November): 608-622.
- Baab, Karen L., Kieran P. McNulty, & Katherine Harvati.** 2013. “*Homo floresiensis* Contextualized: A Geometric Morphometric Comparative Analysis of Fossil and Pathological Human Samples.” *PLoS ONE* (online @ plosone.org) **8** (July): e69119.
- Baack, Eric J., & Loren H. Rieseberg.** 2007. “A genomic view of introgression and hybrid speciation.” *Current Opinion in Genetics & Development* **17** (December): 513-518.
- Baarli, B. Gudveig, Rebekah Levine, & Markes E. Johnson.** 2006. “The Late Neoproterozoic Smalfjord Formation of the Varanger Peninsula in northern Norway: a shallow fjord deposit.” *Norwegian Journal of Geology* **86**: 133-150.
- Baars, D. L.** 1962. “Permian System of Colorado Plateau.” American Association of Petroleum Geologists *AAPG Bulletin* **46** (February): 149-218.
- Baas, Jaco H., Alan G. Davies, & Jonathan Malarkey.** 2013. “Bedform development in mixed sand-mud: The contrasting role of cohesive forces in flow and bed.” *Geomorphology* **182** (15 January): 19-32.
- Baas, J. H., R. L. van Dam, & J. E. A. Storms.** 2000. “Duration of deposition from decelerating high-density turbidity currents.” *Sedimentary Geology* **136** (October): 71-88.
- Baaske, Philipp, Franz M. Weinert, Stefan Duhr, Kono H. Lemke, Michael J. Russell, & Dieter Braun.** 2007. “Extreme accumulation of nucleotides in simulated hydrothermal pore systems.” *Proceedings of the National Academy of Sciences* **104** (29 May): 9346-9351.
- Baba, Hisao, Fachroel Aziz, Yousuke Kaifu, Gen Duwa, Reiko T. Kono, & Teuku Jacob.** 2003. “*Homo erectus* Calvarium from the Pleistocene of Java.” *Science* **299** (28 February): 1384-1388.
- Baba, Tomoya, Takeshi Ara, Miki Hasegawa, Yuki Takai, Yoshiko Okumura, Miki Baba, Kirill A. Dalsenko, Masaru Tomita, Barry L. Wanner, & Hirotada Mori.** 2006. “Construction of *Escherichia coli* K-12 in-frame, single-gene knockout mutants: the Keio collection.” *Molecular Systems Biology* (online @ molecularsystemsbiology.com) **2** (1): 2006.0008.
- Babb, Paul L., Eduardo Fernandez-Duque, & Theodore G. Schurr.** 2010. “AVPRIA Sequence Variation in Monogamous Owl Monkeys (*Aotus azarai*) and Its Implications for the Evolution of Platyrrhine Social Behavior.” *Journal of Molecular Evolution* **71** (October): 279-297.
- Babbitt, Courtney C., Oliver Fedrigo, Adam D. Pfefferle, Alan P. Boyle, Julie E. Horvath, Terrence S. Furey, & Gregory A. Wray.** 2010. “Both Noncoding and Protein-Coding RNAs Contribute to Gene Expression Evolution in the Primate Brain.” *Genome Biology and Evolution* **2** (18 January): 67-79.
- Babbitt, Courtney C., Jesse S. Silverman, Ralph Haygood, Jennifer M. Reininga, Matthew V. Rockman, & Gregory A. Wray.** 2010. “Multiple Functional Variants in *cis* Modulate *PDYN* Expression.” *Molecular Biology and Evolution* **27** (February): 465-479.
- Babbitt, Shalon E., Lindsey Altenhofen, Simon A. Cobbold, Eva S. Istvan, Clare Fennell, Christian Doerig, Manuel Llinás, & Daniel E. Goldberg.** 2012. “*Plasmodium falciparum* responds to amino acid starvation by entering into a hibernatory state.” *Proceedings of the National Academy of Sciences* **109** (20 November): E3278-E3287.
- Babcock, Christina S., & Marjorie A. Asmussen.** 1998. “Effects of Differential Selection in the Sexes of Cytonuclear Dynamics: Life Stages With Sex Differences.” *Genetics* **149** (August): 2063-2077.
- Babcock, Loren E., James W. Collinson, Molly F. Miller, John L. Isbell, & Stephen T. Hasiotis.** 1998. “Paleozoic-Mesozoic crayfish from Antarctica: Earliest evidence of freshwater decapod crustaceans.” *Geology* **26** (June): 539-542.
- Babcock, Loren E., Wentang Zhang, & Stephen A. Leslie.** 2001. “The Chengjiang Biota:

- Record of the Early Cambrian Diversification of Life and Clues to Exceptional Preservation of Fossils.” *GSA Today* **11** (February): 4-9.
- Babikova, Zdenka, Lucy Gilbert, Toby J. A. Bruce, Michael Birkett, John C. Caulfield, Christine Woodcock, John A. Pickett, & David Johnson.** 2013. “Underground signals carried through common mycelial networks warn neighbouring plants of aphid attack.” *Ecology Letters* **16** (July): 835-843.
- Babin, Patrick J.** 2008. “Conservation of a vitellogenin gene cluster in oviparous vertebrates and identification of its traces in the platypus genome.” *Gene* **413** (30 April): 76-82.
- Babington, Charles.** 2005. “Freshman Republican Weathers Backlash.” *The Washington Post* posting 23 November: online text accessed 3/6/2014 (www.washingtonpost.com).
- Babington, Charles, & Alan Cooperman.** 2004. “The Rev. Moon Honored at Hill Reception.” *The Washington Post* posting 23 June: online text accessed 9/17/2012 (www.washingtonpost.com).
- Babinski, Edward T.** 2008. “Coming This Fall, ‘The Exodus Conspiracy’—Dr. Lennart Moller resurrects Ron Wyatt’s photograph of a gilded chariot wheel.” *Debunking Christianity* 31 May posting (online text at debunkingchristianity.blogspot.com accessed 8/23/2013).
- . 2012. “Biogeography and The Evidence for Evolution vs. Intelligent Design (Response to Jonathan McLatchie, a Discovery Institute Intern, who is reviewing Jerry A. Coyne’s book, Why Evolution Is True).” *Edward T. Babinski* 6 December posting (online text at edward-t-babinski.blogspot.com accessed 9/1/2013).
- . 2014. “YOUNG-COSMOS CREATIONISTS with higher degrees in the sciences admit the evidence generally does favor an old-cosmos and evolution (and that less highly educated young-earthers are prone to speaking ignorantly on the topic).” *Scrivenings* 29 May posting (online text at edward-t-babinski.blogspot.com accessed 10/19/2014).
- Babinski, Edward T., & Don Batten.** 2001. “Criticism of ‘Darwinism and the Nazi race Holocaust.’” *Creation Ministries International* posting 9 April (online text at creation.com accessed 5/29/2014).
- Babinszki, Edit, Emő Márton, Péter Márton, & László Ferenc Kiss.** 2007. “Widespread occurrence of greigite in the sediments of Lake Pannon: Implications for environment and magnetostratigraphy.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **252** (3 September): 626-636.
- Babonis, Leslie S., & Mark Q. Martindale.** 2014. “Old Cell, New Trick? Cnidocytes as a Model for the Evolution of Novelty.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **54** (October): 714-722.
- Babu, M. Madani, & L. Aravind.** 2006. “Adaptive evolution by optimizing expression levels in different environments.” *Trends in Microbiology* **14** (January): 11-14.
- Babu, M. Madan, Richard W. Kriwacki, & Rohit V. Pappu.** 2012. “Versatility from Protein Disorder.” *Science* **337** (21 September): 1460-1461.
- Babu, M. Madan, Robin van der Lee, Natalia Sanchez de Groot, & Jörg Gsponer.** 2011. “Intrinsically disordered proteins: regulation and disease.” *Current Opinion in Structural Biology* **21** (June): 432-440.
- Babushok, Daria V., Kazuhiko Ohshima, Eric M. Ostertag, Xinsheng Chen, Yanfeng Wang, Prabhat K. Mandal, Norihiro Okada, Charles S. Abrams, & Haig H. Kazazian Jr.** 2007. “A novel testis ubiquitin-binding protein gene arose by exon shuffling in hominoids.” *Genome Research* **17** (August): 1129-1138.
- Bacaj, Taulant, Maya Tevlin, Yun Lu, & Shai Shaham.** 2008. “Glia Are Essential for Sensory Organ Function in *C. elegans*.” *Science* **322** (31 October): 744-747.
- Bachan, Aviv, & Lee R. Kump.** 2015. “The rise of oxygen and siderite oxidation during the Lomagundi Event.” *Proceedings of the National Academy of Sciences* **112** (26 May): 6562-6567.
- Bachelier, Julien B., & William E. Friedman.** 2011. “Female gamete competition in an ancient angiosperm lineage.” *Proceedings of the National Academy of Sciences* **108** (26 July): 12360-12365.
- Bachmann, Herwig, Martin Fischlechner, Iraes Rabbers, Nakul Barfa, Filipe Branco dos**

- Santos, Douwe Molenaar, & Bas Teusink.** 2013. "Availability of public goods shapes the evolution of competing metabolic strategies." *Proceedings of the National Academy of Sciences* **110** (27 August): 14302-14307.
- Bachmann, Herwig, Marjo J. C. Starrenburg, Douwe Molenaar, Michiel Kleerebezem, & Johan E. T. van Hylckama Vlieg.** 2012. "Microbial domestication signatures of *Lactococcus lactis* can be reproduced by experimental evolution." *Genome Research* **22** (January): 115-124.
- Backeljau, Thierry, Kurt Jordaens, & António M. de Frias Martins.** 2011. "Taxonomy Alive and Kicking: Or How Taxonomy Can Help Debunking Creationist Thinking." *Açoreana* (Portugal) Suplemento 7: 241-291.
- Backes, Christina, & Andreas Kellers.** 2015. "Reanalysis of 3,707 novel human microRNA candidates." *Proceedings of the National Academy of Sciences* **112** (2 June): E2851.
- Backfisch, Benjamin, Vinoth Babu Veedin Rajan, Ruth M. Fischer, Claudia Lohs, Enrique Arboleda, Kristin Tessmar-Raible, & Florian Raible.** 2013. "Stable transgenesis in the marine annelid *Platynereis dumerilii* sheds new light on photoreceptor evolution." *Proceedings of the National Academy of Sciences* **110** (2 January): 193-198.
- Bäckman, Lars, Lars Nyberg, Anna Soveri, Jarkko Johansson, Micael Andersson, Erika Dahlin, Anna S. Neely, Jere Virta, Matti Laine, & Juha O. Rinne.** 2011. "Effects of Working-Memory Training on Striatal Dopamine Release." *Science* **333** (5 August): 718.
- Backouche, F., L. Haviv, D. Groswasser, & A. Bernheim-Groswasser.** 2006. "Active gels: dynamics of patterning and self-organization." *Physical Biology* **3** (4 December): 264-273.
- Backwell, Lucinda R., & Francesco d'Errico.** 2001. "Evidence of termite foraging by Swartkrans early hominids." *Proceedings of the National Academy of Sciences* **98** (13 February): 1358-1363.
- Bacon, Christine D., Daniele Silvestro, Carlos Jaramillo, Brian Tilston Smith, Prosanta Chakrabarty, & Alexandre Antonelli.** 2015a. "Biological evidence supports an early and complex emergence of the Isthmus of Panama." *Proceedings of the National Academy of Sciences* **112** (12 May): 6110-6115.
- . 2015b. "Reply to Lessios and Marko et al.: Early and progressive migration across the Isthmus of Panama is robust to missing data and biases." *Proceedings of the National Academy of Sciences* **112** (27 October): E5767-E5768.
- Bacon, Douglas R.** 2011. "James Young Simpson—the justification for anaesthesia and an interesting 'American' book." *The History of Anaesthesia Society Proceedings* **44**: 11-18 (online pdf at www.histansoc.org.uk accessed 6/28/2014).
- Bada, Jeffrey L.** 1985. "Aspartic Acid Racemization Ages of California Paleoindian Skeletons." *American Antiquity* **50** (July): 645-647.
- . 1995. "Origins of homochirality." *Nature* **374** (13 April): 594-595.
- . 1997. "Extraterrestrial Handedness?" *Science* **275** (14 February): 942-943.
- . 2001. "State-of-the-art instruments for detecting extraterrestrial life." *Proceedings of the National Academy of Sciences* **98** (27 February): 797-800.
- . 2004. "How life began on Earth: a status report." *Earth and Planetary Science Letters* **226** (30 September): 1-15.
- . 2013. "New insights into prebiotic chemistry from Stanley Miller's spark discharge experiments." *Chemical Society Reviews* **42** (5): 2186-2196.
- . 2015. "On the Origin of Life." Universitat de València *M_eTODe* posting (online text at metode.cat accessed 1/23/2016).
- Bada, J. L., C. Bigham, & S. L. Miller.** 1994. "Impact melting of frozen oceans on the early Earth: Implications for the origin of life." *Proceedings of the National Academy of Sciences* **91** (15 February): 1248-1250.
- Bada, Jeffrey L., & Henderson James Cleaves.** 2015. "Ab initio simulations and the Miller prebiotic synthesis experiment." *Proceedings of the National Academy of Sciences* **112** (27 January): E342.
- Bada, Jeffrey L., Daniel P. Glavin, Gene D. McDonald, & Luann Becker.** 1998. "A Search for Endogenous Amino Acids in Martian Meteorite ALH84001." *Science* **279** (16 January):

- 362-365.
- Bada, Jeffrey L., & Antonio Lazcano.** 2002. "Some Like It Hot, But Not the First Biomolecules." *Science* **296** (14 June): 1982-1983.
- . 2003. "Prebiotic Soup—Revisiting the Miller Experiment." *Science* **300** (2 May): 745-746.
- Bada, Jeffrey L., Bruce P. Luyendyk, & J. Barry Maynard.** 1970. "Marine Sediments: Dating by the Racemization of Amino Acids." *Science* **170** (13 November): 730-732.
- Badash, David.** 2014. "CBS Bans Atheist Group's Ad Advocating For Separation Of Church And State." *The New Civil Rights Movement* 1 October posting (online text at www.thenewcivilrightsmovement.com accessed 10/1/2014).
- Badash, Lawrence.** 1989. "The Age-of-the-Earth Debate." *Scientific American* **261** (August): 90-94, 96.
- Baddeley, Alan.** 1998. "The central executive: A concept and some misconceptions." *Journal of the International Neuropsychological Society* **4** (September): 523-526.
- Baden, Tom, & Thomas Euhler.** 2013. "Early Vision: Where (Some of) the Magic Happens." *Current Biology* **23** (16 December): R1096-R1098.
- Bader, Jürgen.** 2014. "The origin of regional Arctic warming." *Nature* **509** (8 May): 167-168.
- Bader, Patrick L., Mehrdad Faizi, Leo H. Kim, Scott F. Owen, Michael R. Tadross, Ronald W. Alfa, Glenna C. L. Bett, Richard W. Tsien, Randall L. Rasmusson, & Mehrdad Shamloo.** 2011. "Mouse model of Timothy syndrome recapitulates triad of autistic traits." *Proceedings of the National Academy of Sciences* **108** (13 September): 15432-15437.
- Badgley, Catherine, John C. Barry, Michèle E. Morgan, Sherry V. Nelson, Anna K. Behrensmeyer, Thure E. Cerling, & David Pilbeam.** 2008. "Ecological changes in Miocene mammalian record show impact of prolonged climatic forcing." *Proceedings of the National Academy of Sciences* **105** (26 August): 12145-12149.
- Badiola, Ainara, José Ignacio Canudo, & Gloria Cuenca-Bescós.** 2012. "New Early Cretaceous Multituberculate Mammals from the Iberian Peninsula," in Godefroit (2012, 409-434).
- Badiola, A., L. Checa, M. A. Cuesta, R. Quer, J. J. Hooker, & H. Astibia.** 2009. "The role of new Iberian finds in understanding European Eocene mammalian paleobiogeography." *Geologica Acta* **73** (March-June): 243-258.
- Badis, Gwenaél, Michael F. Berger, Anthony A. Philippakis, Shaheynoor Talukder, Andrew R. Gehrke, Savina A. Jaeger, Esther T. Chan, Genita Metzler, Anastasia Vedenko, Xiaoyu Chen, Hanna Kuznetsov, Ch-Fong Wang, David Coburn, Daniel E. Newburger, Quaid Morris, Timothy R. Hughes, & Martha L. Bulyk.** 2009. "Diversity and Complexity in DNA Recognition by Transcription Factors." *Science* **324** (26 June): 1720-1723.
- Badoual, M., F. Jülicher, & J. Prost.** 2002. "Bidirectional cooperative motion of molecular motors." *Proceedings of the National Academy of Sciences* **99** (14 May): 6696-6701.
- Badouin, Hélène, Jérôme Gouzy, Christopher J. Grassa, Florent Murat, S. Evan Staton, Ludovic Cottret, Christine Lelandais-Brière, Gregory L. Owens, Sébastien Carrère, Baptiste Mayjonade, Ludovic Legrand, Navdeep Gill, Nolan C. Kane, John E. Bowers, Sarel Hubner, Arnaud Bellac, Aurélie Bérard, Hélène Bergès, Nicolas Blanchet, Marie-Claude Boniface, Dominique Brunel, Olivier Catrice, Nadia Chaidir, Clotilde Claudel, Cécile Donnadiou, Thomas Faraut, Ghislain Fievet, Nicolas Helmstetter, Matthew King, Steven J. Knapp, Zhao Lai, Marie-Christine Le Paslier, Yannick Lippi, Lolita Lorenzon, Jennifer R. Mandel, Gwenola Marage, Gwenaëlle Marchand, Elodie Marquand, Emmanuelle Bret-Mestries, Evan Morien, Savithri Nambeesan, Thuy Nguyen, Prune Pegot-Espagnet, Nicolas Pouilly, Frances Raftis, Erika Sallet, Thomas Schiex, Justine Thomas, Céline Vandecasteele, Didier Varès, Felicity Vear, Sonia Vautrin, Martin Crespi, Brigitte Mangin, John M. Burke, Jérôme Salse, Stéphane Muñoz, Patrick Vincourt, Loren H. Riesenber, & Nicolas B. Langlade.** 2017. "The sunflower genome provides insights into oil metabolism, flowering and Asterid evolution." *Nature* **546** (1 June): 148-152.
- Badre, David.** 2012. "Opening the gate to working memory." *Proceedings of the National*

- Academy of Sciences* **109** (4 December): 19878-19879.
- Badro, James, John P. Brodholt, Hélène Piet, Julien Siebert, & Frederick J. Ryerson.** 2015. "Core formation and core composition from coupled geochemical and geophysical constraints." *Proceedings of the National Academy of Sciences* **112** (6 October): 12310-12314.
- Badro, James, Julien Siebert, & Francis Nimmo.** 2016. "An early geodynamo driven by exsolution of mantle components from Earth's core." *Nature* **536** (18 August): 326-328.
- Badyaev, Alexander V.** 2005. "Stress-induced variation in evolution: from behavioural plasticity to genetic assimilation." *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (7 May): 877-886.
- . 2009. "Evolutionary significance of phenotypic accommodation in novel environments: an empirical test of the Baldwin effect." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 April): 1125-1141.
- . 2010. "The beak of the other finch: coevolution of genetic covariance structure and developmental modularity during adaptive evolution." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (12 April): 1111-1126.
- . 2011. "Origin of the fittest: link between emergent variation and evolutionary change as a critical question in evolutionary biology." *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 July): 1921-1929.
- . 2014. "Epigenetic resolution of the 'curse of complexity' in adaptive evolution of complex traits." The Physiological Society (UK) *The Journal of Physiology* **592** (1 June): 2251-2260.
- Badyaev, Alexander V., & Geoffrey E. Hill.** 2002. "Avian Quick-Change Artists." *Natural History* **111** (June): 58-65.
- Badyaev, Alexander V., & Elizabeth A. Landeen.** 2007. "Developmental evolution of sexual ornamentation: model and a test of feather growth and pigmentation." *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (August): 221-233.
- Bae, Byoung-Il, Ian Tietjen, Kutay D. Atabay, Gilad D. Evrony, Matthew B. Johnson, Ebenezer Asare, Peter P. Wang, Ayako Y. Murayama, Kiho Im, Steven N. Lisgo, Lynne Overman, Nenad Šestan, Bernard S. Chang, A. James Barkovich, P. Ellen Grant, Meral Topçu, Jeffrey Politsky, Hideyuki Okano, Xianhua Piao, & Christopher A. Walsh.** 2014. "Evolutionarily Dynamic Alternative Splicing of *GPR56* Regulates Regional Cerebral Cortical Patterning." *Science* **343** (14 February): 764-768.
- Bae, Christopher J.** 2010. "The late Middle Pleistocene hominin fossil record of eastern Asia: Synthesis and review." *American Journal of Physical Anthropology* **143** (Supplement 51): 75-93.
- Baer, Charles F., Michael M. Miyamoto, & Dee R. Denver.** 2007. "Mutation rate variation in multicellular eukaryotes: causes and consequences." *Nature Reviews Genetics* **8** (August): 619-631.
- Baer, John M.** 1988. "Freind's Rape-Pregnancy Theory Refuted." *The Philadelphia Inquirer* posting 23 March: online text accessed 8/22/2012 (articles.philly.com).
- Baez, John.** 2006. "Extinction." *University of California* (Riverside) 8 April posting (online text at math.ucr.edu accessed 8/1/2010).
- Báez-Mendoza, Raymundo, Christopher J. Harris, & Wolfram Schultz.** 2013. "Activity of striatal neurons reflects social action and own reward." *Proceedings of the National Academy of Sciences* **110** (8 October): 16634-16639.
- Bagby, Ihsan.** 2012. "The American Mosque 2011: Report Number 2 from the US Mosque Study 2011 Activities, Administration and Vitality of the American Mosque." *Hartford Seminary* May posting (online pdf at www.hartsem.edu accessed 3/20/2015).
- Bagby, Sarah C., Nicholas H. Bergman, David M. Shechner, Catherine Yen, & David P. Bartel.** 2009. "A class I ligase ribozyme with reduced Mg²⁺ dependence: Selection, sequence analysis, and identification of functional tertiary interactions." *RNA* **15** (December): 2129-2146.
- Bagdonaite, Julija, Paul Jansen, Christian Henkel, Hendrick L. Bethlem, Karl M. Menten, &**

- Wim Ubachs.** 2013. “A Stringent Limit on a Drifting Proton-to-Electron Mass Ratio from Alcohol in the Early Universe.” *Science* **339** (4 January): 46-48.
- Bagenal, Fran.** 1989. “The emptiest magnetosphere.” *Physics World* (October): 18–19.
- Baggett, Jim.** 2013. *Farewell to Reality: How Modern Physics Has Betrayed the Search for Scientific Truth*. New York: Pegasus Books.
- Bagis, Haydar, Digidem Aktoprakligil, Hande Odaman Mercan, Nevzat Yurdusev, Gazi Turgut, Sakir Sekmen, Sezen Arat, & Seyfettin Cetin.** 2006. “Stable transmission and transcription of Newfoundland ocean put type III fish antifreeze protein (AFP) gene in transgenic mice and hypothermic storage of transgenic ovary and testis.” *Molecular Reproduction and Development* **73** (November): 1404-1411.
- Bagla, Pallava.** 2009a. “No Sign Yet of Himalayan Meltdown, Indian Report Finds.” *Science* **326** (13 November): 924-925.
- . 2009b. “Could Glacier Research Help Thaw Himalayan Standoff?” *Science* **326** (13 November): 925.
- Bagley, Katherine.** 2010. “Darwin to Joseph Hooker, 1844.” *The Scientist* posting 1 April (online text at *the-scientist.com* accessed 2/9/2011).
- Baglione, Vittorio, Daniela Canestrari, José M. Marcos, & Jan Ekman.** 2003. “Kin Selection in Cooperative Alliances of Carrion Crows.” *Science* **300** (20 June): 1947-1949.
- Baglivo, Iaria, Luigi Russo, Sabrina Esposito, Gaetano Malgieri, Mario Renda, Antonio Salluzzo, Benedetto Di Blasio, Carla Isernia, Roberto Fattorusso, & Paolo V. Pedone.** 2009. “The structural role of the zinc ion can be dispensable in prokaryotic zinc-finger domains.” *Proceedings of the National Academy of Sciences* **106** (28 April): 6933-6938.
- Bagnéris, Claire, Paul G. DeCaen, Claire E. Naylor, David C. Pryde, Irene Nobeli, David E. Clapham, & B. A. Wallace.** 2014. “Prokaryotic NavMs channel as a structural and functional model for eukaryotic sodium channel antagonism.” *Proceedings of the National Academy of Sciences* **111** (10 June): 8428-8433.
- Baguñà, Jaume, & Jordi Garcia-Fernàndez.** 2003. “Evo-Devo: the Long and Winding Road.” *International Journal of Developmental Biology* **47** (7/8): 705-713.
- Baguñà, Jaume, Pere Martinez, Jordi Paps, & Marta Riutort.** 2008. “Back in time: a new systematic proposal for the Bilateria.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1481-1491.
- Baguñà, Jaume, Iñaki Ruiz-Trillo, Jordi Paps, Mercè Loukota, Carles Ribera, Ulf Jondelius, & Marta Riutort.** 2001. “The first bilaterian organisms: simple or complex? New molecular evidence.” *International Journal of Developmental Biology* **45** (S1): S133-S134.
- Bahati, David.** 2009. “Anti Homosexuality Bill.” *Box Turtle Bulletin* posting of 25 September Uganda legislation (online pdf at *www.boxturtlebulletin.com* accessed 12/19/2012).
- Bahcall, John N.** 1990. “The Solar Neutrino Problem.” *Scientific American* **262** (May): 54-61, 96.
- Bahcall, Neta A.** 2015. “Dark matter universe.” *Proceedings of the National Academy of Sciences* **112** (6 October): 12243-12245.
- Bahcall, Neta A., Jeremiah P. Ostriker, Saul Perlmutter, & Paul J. Steinhardt.** 1999. “The Cosmic Triangle: Revealing the State of the Universe.” *Science* **284** (28 May): 1481-1488.
- Bahcall, Orli G.** 2017. “Sunflowers sequenced.” *Nature* **546** (1 June): 43.
- Bahrami, Bahador, Karsten Olsen, Peter E. Latham, Andreas Roepstorff, Geraint Rees, & Chris D. Frith.** 2010. “Optimally Interacting Minds.” *Science* **329** (27 August): 1081-1085.
- Bahri-Darwich, I., E. P. Cribiu, H. M. Berland, & R. Darré.** 1993. “A new Robertsonian translocation in *Blonde d’Aquitaine* cattle, rob(4;10).” *Genetics Selection Evolution* (AKA *Annales de Génétique et de Sélection Animale*) **25**: 413–419.
- Bai, Bin, Yuanqing Wang, Jin Meng, Qian Li, & Xun Jin.** 2014. “New Early Eocene *Basal tapiromorph* from Southern China and Its Phylogenetic Implications.” *PLoS ONE* (online @ *plosone.org*) **9** (October): e110806.
- Baikouzis, Constantino, & Marcelo O. Magnasco.** 2008. “Is an eclipse described in the Odyssey?” *Proceedings of the National Academy of Sciences* **105** (1 July): 8823-8828.

- Bailey, Brad.** 2010. "Evidence of the moon having been split in two." *Solar System Exploration Research Virtual Institute* 21 June posting (online text at lunarscience.nasa.gov accessed 5/4/2017).
- Bailey, David H.** 2012. "Don't many scientists question evolution?" *Science Meets Religion* 15 April posting (online text at www.sciencemeetsreligion.org accessed 9/12/2012).
- . 2015a. "Has speciation (the splitting of one species into two) ever been observed in nature?" *Science Meets Religion* 1 January posting (online text at www.sciencemeetsreligion.org accessed 11/7/2015).
- . 2015b. "Do gaps in the fossil record present serious difficulties for the theory of evolution?" *Science Meets Religion* 19 June posting (online text at www.sciencemeetsreligion.org accessed 11/7/2015).
- Bailey, Drew H., Richard A. Lippe, Marco Del Giudice, Raymond Hames, & Dave C. Geary.** 2012. "Sex differences in spatial abilities: Methodological problems in Hoffman et al." *Proceedings of the National Academy of Sciences* **109** (6 March): E583.
- Bailey, Holly.** 2010. "Republicans take aim at cost of Obama's trip to India." *Yahoo! News The Upshot* blog posting 5 November (online text at news.yahoo.com accessed 11/5/2010).
- Bailey, J. Martyn.** 1998. "RNA-directed amino acid homochirality." Federation of American Societies for Experimental Biology *The FASEB Journal* **12** (April): 503-507.
- Bailey, J. Michael, Michael P. Dunne, & Nicholas G. Martin.** 2000. "Genetic and Environmental Influences on Sexual Orientation and Its Correlates in an Australian Twin Sample." *Journal of Personality and Social Psychology* **78** (March): 524-536.
- Bailey, J. Michael, & Richard C. Pillard.** 1991. "A Genetic Study of Male Sexual Orientation." *Archives of General Psychiatry* **48** (December): 1089-1096.
- Bailey, J. Michael, Richard C. Pillard, Khytam Dawood, Michael B. Miller, Lindsay A. Farrer, Shruti Trivedi, & Robert L. Murphy.** 1999. "A Family History of Male Sexual Orientation Using Three Independent Samples." *Behavior Genetics* **29** (March): 79-86.
- Bailey, Jake V., Samantha B. Joye, Karen M. Kalanetra, Beverly E. Flood, & Frank A. Corsetti.** 2007. "Evidence of giant sulphur bacteria in Neoproterozoic phosphorites." *Nature* **445** (11 January): 198-201.
- Bailey, James.** 1973. *The God-Kings & the Titans: The New World Ascendancy in Ancient Times*. New York: St. Martin's Press.
- Bailey, Jeffrey A., Zhiping Gu, Royden A. Clark, Knut Reinert, Rhea V. Samonte, Stuart Schwartz, Mark D. Adams, Eugene W. Myers, Peter W. Li, & Evan E. Eichler.** 2002. "Recent Segmental Duplications in the Human Genome." *Science* **297** (9 August): 1003-1007.
- Bailey, Jeffrey A., Ge Liu, & Evan E. Eichler.** 2003. "An *Alu* Transposition Model for the Origin and Expansion of Human Segmental Duplications." *The American Journal of Human Genetics* **73** (October): 823-834.
- Bailey, Jeremy.** 2001. "Astronomical Sources of Circularly Polarized Light and the Origin of Homochirality." *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **31** (February-April): 167-183.
- Bailey, Jeremy, Antonio Chrysostomou, J. H. Hough, T. M. Gledhill, Alan McCall, Stuart Clark, François Ménard, & Motohide Tamura.** 1998. "Circular Polarization in Star-Formation Regions: Implications for Biomolecular Homochirality." *Science* **281** (31 July): 672-674.
- Bailey, Lloyd R.** 1993. *Genesis, Creation, and Creationism*. New York: Paulist Press.
- Bailey, Nathan W., Kasey D. Fowler-Finn, Darren Rebar, & Rafael L. Rodriguez.** 2013. "Green symphonies or wind in the willows? Testing acoustic communication in plants." *Behavioral Ecology* **24** (July-August): 797-798.
- Bailey, Nathan W., Janelle R. McNabb, & Marlene Zuk.** 2008. "Preexisting behavior facilitated the loss of a sexual signal in the field cricket *Teleogryllus oceanicus*." *Behavioral Ecology* **19** (January): 202-207.
- Bailey, Nathan W., & Marlene Zuk.** 2009. "Same-sex sexual behavior and evolution." *Trends in Ecology & Evolution* **24** (August): 439-446.

- Bailey, P. B. H.** 1964. "Possible Microfossils found in the Ruraima Formation in British Guiana." *Nature* **202** (25 April): 384.
- Bailey, Sarah Pulliam.** 2013. "Patriarchy proponent Doug Phillips resigns after extramarital relationship." *Religion News Service* 6 November posting (online text at www.religionnews.com accessed 11/10/2013).
- . 2014a. "Pastor: Obama is paving the way for the Antichrist." *Religion News Service* 8 January posting (online text at www.religionnews.com accessed 1/20/2014).
- . 2014b. "U.S. Evangelicals Forced On The Defensive Following Uganda's Anti-Gay Laws." *Huffpost Religion* 7 March *Religion News Service* posting (online text at huffingtonpost.com accessed 3/25/2014).
- . 2014c. "Gay activist's campaign to show Christian love to Oregon bakers falls flat." *Religion News Service* 4 December posting (online text at www.religionnews.com accessed 12/4/2014).
- Bailey, Whitney Suzanne.** 2004. "Reading, Writing, and Religion: The Hawkins County Textbook Controversy—Twenty Years Later." *University of Tennessee Honors Thesis Projects* posting (online text at trace.tennessee.edu accessed 12/3/2013).
- Bailleul, Alida M., Brian K. Hall, & John R. Horner.** 2012. "First Evidence of Dinosaurian Secondary Cartilage in the Post-Hatching Skull of *Hypacrosaurus stebingeri* (Dinosauria, Ornithischia)." *PLoS ONE* (online @ plosone.org) **7** (April): e36112.
- . 2013. "Secondary Cartilage Revealed in a Non-Avian Dinosaur Embryo." *PLoS ONE* (online @ plosone.org) **8** (February): e56937.
- Bailleul, Alida M., John B. Scannella, John R. Horner, & David C. Evans.** 2016. "Fusion Patterns in the Skulls of Modern Archosaurs Reveal That Sutures Are Ambiguous Maturity Indicators for the Dinosauria." *PLoS ONE* (online @ plosone.org) **11** (February): e0147687.
- Baillie, J. Kenneth, Mark W. Barnett, Kyle R. Upton, Daniel J. Gerhardt, Todd A. Richmond, Fioravante De Sapiro, Paul M. Brennan, Patrizia Rizzu, Sarah Smith, Mark Fell, Richard T. Talbot, Stefano Gustincich, Thomas C. Freeman, John S. Mattick, David A. Hume, Peter Heutink, Piero Carninci, Jeffrey A. Jeddelloh, & Geoffrey J. Faulkner.** 2011. "Somatic retrotransposition alters the genetic landscape of the human brain." *Nature* **479** (24 November): 534-537.
- Baillie, Mike.** 2007. "The case for significant numbers of extraterrestrial impacts through the late Holocene." *Journal of Quaternary Science* **22** (February): 101-109.
- Baillie, M. G. L., & J. McAneney.** 2013. "Tree ring effects and ice core acidities clarify the volcanic record of the first millennium." *Climate of the Past* **11** (16 January): 105-114.
- Baillieul, Thomas A.** 2004a. "Analysis of References." *Ohio Citizens for Science* 21 February posting (online text at ecology.cwru.edu/ohioscience/ accessed 3/15/2004, not available as of 2/11/2014).
- . 2004b. "Web References Analysis." *Ohio Citizens for Science* 27 February posting (online text at ecology.cwru.edu/ohioscience/ accessed 3/15/2004, not available as of 2/11/2014).
- . 2005. "'Polonium Haloes' Refuted: A Review of 'Radioactive Halos in a Radio-Chronological and Cosmological Perspective' by Robert V. Gentry." *The TalkOrigins Archive* revised posting 22 April (online text at talkorigins.org accessed 4/25/2005).
- Baillieul, Tom, Barbara Forrest, John Geohegan, Alan Gishlick, Richard Hoppe, Keith Miller, Ken Miller, Patricia Princehouse, Steve Rissing, Ted Scharf, Dave Thomas, & Jon Woolf.** 2004a. "Critical Analysis of Evolution: Definitions." *Ohio Citizens for Science* posting (online pdf at ecology.cwru.edu/ohioscience/ accessed 3/15/2004, not available as of 2/11/2014).
- . 2004b. "Critical Analysis of Evolution: Accuracy in scientific content." *Ohio Citizens for Science* posting (online pdf at ecology.cwru.edu/ohioscience/ accessed 3/15/2004, not available as of 2/11/2014).
- . 2004c. "Critical Analysis of Evolution: Problems with cited references." *Ohio Citizens for Science* posting (online pdf at ecology.cwru.edu/ohioscience/ accessed 3/15/2004, not

available as of 2/11/2014).

- Bailly, Xavier, Riwanon Leroy, Susan Carney, Olivier Collin, Franck Zal, André Toulmond, & Didier Jollivet.** 2003. "The loss of the hemoglobin H₂S-binding function in annelids from sulfide-free habitats reveals molecular adaptation driven by Darwinian positive selection." *Proceedings of the National Academy of Sciences* **100** (13 May): 5885-5890.
- Bain, David.** 2015. "Creationism in Science Class Coming Soon to Alabama." *Political Moll* 18 May posting (online text at *politicalmoll.com* accessed 6/1/2015).
- Bains, Rajneesh K., & Jeffrey J. Warren.** 2016. "A single protein redox ruler." *Proceedings of the National Academy of Sciences* **113** (12 January): 248-250.
- Bains, Sunny.** 2011. "Questioning the Integrity of the Templeton Foundation." *Evolutionary Psychology* **9** (1): 92-115.
- Bains, William.** 2012. "Comment on 'Orthographic Processing in Baboons (*Papio papio*)'." *Science* **337** (7 September): 1173.
- Baird, Emily, Norbert Boeddeker, Michael R. Ibbotson, & Mandyam V. Srinivasan.** 2013. "A universal strategy for visually guided landing." *Proceedings of the National Academy of Sciences* **110** (12 November): 18686-18691.
- Baires, Sarah E., Melissa R. Baltus, & Meghan E. Buchanan.** 2015. "Correlation does not equal causation: Questioning the Great Cahokia Flood." *Proceedings of the National Academy of Sciences* **112** (21 July): E3753.
- Bajan, K., P. Flin, W. Godlowski, & V. N. Pervushin.** 2007. "On the investigations of galaxy redshift periodicity." *Physics of Particles and Nuclei Letters* **4** (January-February): 5-10.
- Bajd, Barbara.** 2012. "Human Evolution and Education in Slovene Schools." *Evolution: Education & Outreach* **5** (September): 405-411.
- Bajdek, Piotr, Martin Qvarnström, Krzysztof Owocki, Tomasz Sulej, Andrey G. Sennikov, Valeriy K. Golubev, & Niedźwiedzki Grzegorz.** 2016. "Microbiota and food residues including possible evidence of pre-mammalian hair in Upper Permian coprolites from Russia." *Lethaia* **49** (October): 455-477.
- Bajoghli, Baubak.** 2013. "Evolution and function of chemokine receptors in the immune system of lower vertebrates." *European Journal of Immunology* **43** (July): 1686-1692.
- Bajpai, Sunil, & Philip D. Gingerich.** 1998. "A new Eocene archaeocete (Mammalia, Cetacea) from India and the time of origin of whales." *Proceedings of the National Academy of Sciences* **95** (22 December): 15464-15468.
- Bajpai, Sunil, Vivesh V. Kapur, Debasis P. Das, B. N. Tiwari, N. Saravanan, & Ritu Sharma.** 2005. "Early Eocene Mammals from Vastan Lignite Mine District Surat (Gujarat), Western India." *Journal of the Palaeontological Society of India* **50** (June): 101-113.
- Bajpai, Sunil, Vivesh V. Kapur, J. G. M. Thewissen, B. N. Tiwari, & Debasis P. Das.** 2005. "First Fossil Marsupials from India: Early Eocene *Indodelphis* n. gen. and *Jaegeria* n. gen. from Vastan Lignite Mine District Surat, Gujarat." *Journal of the Palaeontological Society of India* **50** (June): 147-151.
- Bajpai, Sunil, Richard F. Kay, Blythe A. Williams, Debasis P. Das, Vivesh V. Kapur, & B. N. Tiwari.** 2008. "The oldest Asian record of Anthroipoidea." *Proceedings of the National Academy of Sciences* **105** (12 August): 11093-11098.
- Bajpai, Sunil, J. G. M. Thewissen, & A. Sahni.** 2009. "The origin and early evolution of whales: macroevolution documented on the Indian Subcontinent." *Indian Academy of Sciences Journal of Biosciences* **34** (November): 673-686.
- Bakar, Osman,** ed. 1999. *The History and Philosophy of Islamic Science*. Reprint of 1991 *Tawhid and Society*. Cambridge: Islamic Texts Society.
- Baker, Barbara, Patricia Zambryski, Brian Staskawicz, & S. P. Dinesh-Kumar.** 1997. "Signaling in Plant-Microbe Interactions." *Science* **276** (2 May): 726-733.
- Baker, Brett J., Luis R. Comolli, Gregory J. Dick, Loren J. Hauser, Doug Hyatt, Brian D. Dill, Miriam I. Land, Nathan C. VerBerkmoes, Robert L. Hettich, & Jillian F. Banfield.** 2010. "Enigmatic, ultrasmall, uncultivated Archaea." *Proceedings of the National Academy of Sciences* **107** (11 May): 8806-8811.
- Baker, Christopher R., Victor Hanson-Smith, & Alexander D. Johnson.** 2013. "Following

- Gene Duplication, Paralog Interference Constrains Transcriptional Circuit Evolution.” *Science* **342** (4 October): 104-108.
- Baker, Clare V. H., & Marianne Bronner-Fraser.** 1999. “The origins of the neural crest. Part II: an evolutionary perspective.” *Mechanisms of Development* **69** (December): 13-29.
- Baker, Clare V. H., Melinda S. Modrell, & J. Andrew Gillis.** 2013. “The evolution and development of vertebrate lateral line electroreceptors.” *The Journal of Experimental Biology* **216** (1 July): 2515-2522.
- Baker, Colin.** 1983. “Evolution and hybridization in the radiolarian genera *Theocorythium* and *Lamprocyclus*.” *Paleobiology* **4** (October): 341-354.
- Baker, Dan M., Robert J. Lillie, Robert S. Yeats, Gary D. Johnson, Mohammad Yousuf, & Agha Sher Hamid Zamin.** 1988. “Development of the Himalayan frontal thrust zone: Salt Range, Pakistan.” *Geology* **16** (January): 3-7.
- Baker, Daniel H., & Erich W. Graf.** 2009. “Natural images dominate in binocular rivalry.” *Proceedings of the National Academy of Sciences* **106** (31 March): 5436-5441.
- Baker, Daniel W., Brian Sardella, Jodie L. Rummer, Michael Sackville, & Colin J. Brauner.** 2015. “Hagfish: Champions of CO₂ tolerance question the origins of vertebrate gill function.” *Scientific Reports* (online @ www.nature.com/srep/) **5** (9 June): 11182.
- Baker, Hunter.** 2009. *The End of Secularism*. Wheaton, IL: Crossway Books.
- Baker, Joanna, Andrew Meade, Mark Pagel, & Chris Venditti.** 2015. “Adaptive evolution toward larger size in mammals.” *Proceedings of the National Academy of Sciences* **112** (21 April): 5093-5098.
- Baker, Joe.** 2000. “A theory taught as fact.” *Was Darwin right?* 14 February article posting (online text at www.wasdarwinright.com accessed 9/20/2002).
- . 2001. “Debate with Dr. Kostura.” *Was Darwin right?* January-March debate posting (online text at www.wasdarwinright.com accessed 9/20/2002).
- . 2002a. “Joe Baker.” *Was Darwin right?* undated posting (online text at www.wasdarwinright.com accessed 9/20/2002).
- . 2002b. “Joe’s Itinerary.” *Was Darwin right?* undated posting (online text at www.wasdarwinright.com accessed 9/20/2002).
- . 2002c. “Questions & Answers.” *Was Darwin right?* undated posting (online text at www.wasdarwinright.com accessed 9/20/2002).
- . 2013. “Our Allies.” *Love Offensively* undated posting (online text at loveoffensively.com accessed 1/3/2014).
- Baker, Joel, Martin Bizzarro, Nadine Wittig, James Connelly, & Henning Haack.** 2005. “Early planetesimal melting from an age of 4.5662 Gyr for differentiated meteorites.” *Nature* **436** (25 August): 1127-1131.
- Baker, Jonathan.** 2014. “100 Reasons the Earth is Old.” *Age of Rocks* October posting (online text at ageofrocks.org accessed 4/21/2015).
- . 2015a. “Monday Minute: A Soft Spot For Dino Bones.” *Age of Rocks* 12 January posting (online text at ageofrocks.org accessed 4/21/2015).
- . 2015b. “Can Young Earth Creationists Find Oil?” *Age of Rocks* 8 February posting (online text at ageofrocks.org accessed 4/21/2015).
- . 2015c. “Can We Trace Rock Layers Across Continents Only Because of Noah’s Flood?” *Age of Rocks* 20 April posting (online text at ageofrocks.org accessed 4/21/2015).
- Baker, Joseph O.** 2012. “Public perceptions of incompatibility between ‘science and religion’.” *Public Understanding of Science* **21** (April): 340-353.
- . 2013. “Acceptance of Evolution and Support for Teaching Creationism in Public Schools: The Conditional Impact of Educational Attainment.” *Journal for the Scientific Study of Religion* **52** (March): 216-228.
- Baker, Kelly J.** 2011. “The Birth of Glenn Beck’s Nation.” *Religion Dispatches* 1 July posting (online text at religiondispatches.org accessed 7/5/2011).
- Baker, Luke.** 2015. “Ancient tables reveal life of Jews in Nebuchadnezzar’s Babylon.” *Reuters* 3 February posting (online text at uk.reuters.com accessed 2/4/2015).
- Baker, Mace.** 1998. *The Real History of Dinosaurs*. Macmillian Publishing (New Century

- Books).
- . 2003. “No. 362—Sea Dragons.” Institute for Creation Research *Impact* (August): i-iv.
- Baker, Mark, & Greg Bolt.** 2010. “Pacifica Forum draws campus protest.” *The Register-Guard* (Eugene, Oregon) posting 9 January: online text accessed 12/9/2010 (*special.registerguard.com*).
- Baker, Michael E.** 2005. “Xenobiotics and the Evolution of Multicellular Animals: Emergence and Diversification of Ligand-Activated Transcription Factors.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **45** (January): 172-178.
- . 2006. “Evolution of metamorphosis: role of environment on expression of mutant nuclear receptors and other signal-transduction proteins.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **46** (June): 808-814.
- . 2007. “Amphioxus, a Primitive Chordate, Is on Steroids: Evidence for Sex Steroids and Steroidogenic Enzymes.” *Endocrinology* **148** (August): 3551-3553.
- Baker, Michael E., David J. Chang, & Charlie Chandsawangbhuwana.** 2009. “3D Model of Lamprey Estrogen Receptor with Estradiol and 15 α -Hydroxy-Estradiol.” *PLoS ONE* (online @ plosone.org) **4** (June): e6038.
- Baker, Monya.** 2005. “Batting Evolution to Fight Antibiotic Resistance.” *The Scientist* posting 10 October (online text at *the-scientist.com* accessed 10/12/2005).
- . 2011. “Genomes in Three Dimensions.” *Nature* **470** (10 February): 289-294.
- Baker, Richard H., Apurva Narechania, Philip M. Johns, & Gerald S. Wilkinson.** 2012. “Gene duplication, tissue-specific gene expression and sexual conflict in stalk-eyed flies (Diopsidae).” *Proceedings of the Royal Society of London B* (Biological Sciences) **367** (19 August): 2357-2375.
- Baker, Rick.** 2013. “Lt. Col. Kenneth Reyes (with a response from MRFF’s Rick Baker).” *Military Religious Freedom Foundation* 2 August posting (online text at *www.militaryreligiousfreedom.org* accessed 8/18/2013).
- Baker, Robert A.** 2000. “Can We Tell When Someone Is Staring at Us?” *Skeptical Inquirer* **24** (March/April): 34-40.
- . 2001. “Robert Baker Replies to Sheldrake.” *Skeptical Inquirer* **25** (March/April): 61.
- Baker, Sylvia G.** 1976. *Bone of Contention: Is Evolution True?* Philadelphia: The Presbyterian and Reformed Publishing Co.
- . 2007a. “Why evolutionism is wrong and creation is right.” Biblical Creation Society (UK) *Origins* **46** article (online pdf at *www.biblicalcreation.org.uk* accessed 6/28/2015).
- . 2007b. “*Bone of Contention*—its history and influence.” Biblical Creation Society (UK) *Origins* **46** article (online pdf at *www.biblicalcreation.org.uk* accessed 6/28/2015).
- . 2009. “An Investigation of the New Independent Christian Schools: What kind of citizens are they producing?” Warwick University doctoral thesis (online pdf at *wrap.warwick.ac.uk* accessed 6/28/2015).
- . 2010. “Creationism in the Classroom: A Controversy with Serious Consequences.” Manchester University *Research in Education* **83** (May): 78-88.
- Baker, Tania A., & Stephen P. Bell.** 1998. “Polymerases and the Replisome: Machines within Machines.” *Cell* **92** (6 February): 295-305.
- Baker, Thomas C.** 2002. “Mechanism for saltational shifts in pheromone communication systems.” *Proceedings of the National Academy of Sciences* **99** (15 October): 13368-13370.
- Baker, Victor R.** 1973. “Paleohydrology and Sedimentology of Lake Missoula Flooding in Eastern Washington.” *The Geological Society of America Special Papers* **144**: 1-73.
- . 1978. “The Spokane Flood Controversy and the Martian Outflow Channels.” *Science* **202** (22 December): 1249-1256.
- . 1998. “Catastrophism and uniformitarianism: logical roots an current relevance in geology.” *Geological Society, London, Special Publications* **143**: 171-182.
- . 2002. “The Study of Superfloods.” *Science* **295** (29 March): 2379-2380.
- . 2008. “The Spokane Flood debates: historical background and philosophical perspective.” *Geological Society, London, Special Publications* **301**: 33-50.

- . 2009. “The Channeled Scabland: A Retrospective.” *Annual Review of Earth and Planetary Sciences* **37**: 6.1-6.9.
- . 2013. “Global Late Quaternary Fluvial Paleohydrology: With Special Emphasis on Paleofloods and Megafloods,” in Shroder (2013, 511-527).
- Baker, Victor R., Gerardo Benito, & Alexey N. Rudoy.** 1993. “Paleohydrology of Late Pleistocene Superflooding, Altay Mountains, Siberia.” *Science* **259** (15 January): 348-350.
- Baker, Victor R., & Russell C. Bunker.** 1985. “Cataclysmic Late pleistocene flooding from glacial Lake Missoula: A review.” *Quaternary Science Reviews* **4** (1): 1-41.
- Baker, Victor R., & Vishwas S. Kale.** 1998. “The Role of Extreme Floods in Shaping Bedrock Channels,” in Tinkler & Kale (1998, 153-165).
- Baker, William H.** 1988. “Capital Punishment: Vengeful Satisfaction or Judicial Necessity?” *Fundamentalist Journal* **7** (March): 18-21.
- Bakewell, Margaret A., Peng Shi, & Jianzhi Zhang.** 2007. “More genes underwent positive selection in chimpanzee evolution than in human evolution.” *Proceedings of the National Academy of Sciences* **104** (1 May): 7489-7494.
- Bakken, Daniel.** 2014a. “Interstellar: Is the Earth Rare, or Common?” Discovery Institute *Evolution News & Views* 6 November posting (online text at *evolutionnews.org* accessed 11/12/2014).
- . 2014b. “In Search of Exoplanets: Defining Habitable Space Bodies.” Discovery Institute *Evolution News & Views* 18 November posting (online text at *evolutionnews.org* accessed 11/19/2014).
- . 2014c. “In Search of Circumstellar Habitable Zones.” Discovery Institute *Evolution News & Views* 25 November posting (online text at *evolutionnews.org* accessed 12/1/2014).
- . 2014d. “Notwithstanding What Bill Nye Says, the Sun Is Not an ‘Unremarkable’ Star.” Discovery Institute *Evolution News & Views* for 1 December (online text at *evolutionnews.org* accessed 12/3/2014).
- . 2015a. “You Go, Eric Metaxas! Measuring the Improbability of Intelligent Life Elsewhere in the Cosmos.” *Discovery Institute Center for Science & Culture Faith and Science News* 13 January (online text at *discovery.org* accessed 1/23/2015).
- . 2015b. “Once Again Going After Eric Metaxes, Now in *The New Yorker*, Lawrence Krauss Opts for Misdirection.” *Discovery Institute Center for Science & Culture Faith and Science News* 27 January (online text at *discovery.org* accessed 1/31/2015).
- . 2015c. “Life on Other Planets? A Writer at *Slate* Takes Us to Task.” Discovery Institute *Evolution News & Views* 17 April posting (online text at *evolutionnews.org* accessed 4/23/2015).
- Bakkensen, Laura A., & William Larson.** 2014. “Population matters when modeling hurricane fatalities.” *Proceedings of the National Academy of Sciences* **111** (16 December): E5332.
- Bakker, Elisabeth S., Jacquelyn L. Gill, Christopher N. Johnson, Frans W. M. Vera, Christopher J. Sandom, Gregory P. Asner, & Jens-Christian Svenning.** 2016. “Combining paleo-data and modern exclosure experiments to assess the impact of megafauna extinctions on woody vegetation.” *Proceedings of the National Academy of Sciences* **113** (26 January): 847-855.
- Bakker, Robert T.** 1975. “Dinosaur Renaissance.” *Scientific American* **232** (April): 58-72, 77-78.
- . 1978. “Dinosaur feeding behaviour and the origin of flowering plants.” *Nature* **274** (17 August): 661-663.
- . 1986. *The Dinosaur Heresies: New Theories Unlocking The Mystery of the Dinosaurs and Their Extinction*. 1988 pb ed. New York: Zebra Books.
- . 2014. “The guts stop here: Delve deeper into dinosaurian intestines with Dr. Bakker.” Houston Museum of Natural Science *BEYONDbones* blog for 10 June (online text at *blog.hmns.org* accessed 5/18/2015).
- Bal, Michèlle, & Kees van den Bos.** 2012. “Blaming for a Better Future: Future Orientation and Associated Intolerance of Personal Uncertainty Lead to Harsher Reactions Toward Innocent Victims.” *Personality and Social Psychology Bulletin* **38** (July): 835-844.

- Balafoutas, Loukas, Nikos Nikiforakis, & Bettina Rockenbach.** 2014. "Direct and indirect punishment among strangers in the field." *Proceedings of the National Academy of Sciences* **111** (11 November): 15924-15927.
- Balaji, Murali.** 2014. "India's Elections and the 'Doniger Affair'." *Religion Dispatches* 18 May posting (online text at religiondispatches.org accessed 5/22/2014).
- . 2015a. "A Debate Rages In India Over Conversion, Secularism, and 'Spiritual Violence'." *Religion Dispatches* 27 March posting (online text at religiondispatches.org accessed 3/30/2015).
- . 2015b. "Arrests Made In Murders Of Atheist Bloggers In Bangladesh, But Int'l Response To Violence Remains Anemic." *Religion Dispatches* 19 August posting (online text at religiondispatches.org accessed 8/27/2015).
- Balakirev, Evgeniy S., & Francisco J. Ayala.** 2003. "PSEUDOGENES: Are They 'Junk' or Functional DNA?" *Annual Review of Genetics* **37**: 123-151.
- Balanoff, Amy M., G. S. Bever, & Mark A. Norell.** 2014. "Reconsidering the Avian Nature of the Oviraptorosaur Brain (Dinosauria: Theropoda)." *PLoS ONE* (online @ plosone.org) **9** (December): e113559.
- Balanoff, Amy M., Gabe S. Bever, Timothy B. Rowe, & Mark A. Norell.** 2013. "Evolutionary origins of the avian brain." *Nature* **501** (5 September): 93-96.
- Balavoine, Guillaume.** 2014. "Segment formation in Annelids: patterns, processes and evolution." *International Journal of Developmental Biology* **58** (6/7/8): 469-483.
- Balavoine, Guillaume, & André Adoutte.** 2003. "The Segmented Urbilateria: A Testable Scenario." *Integrative and Comparative Biology (AKA American Zoologist)* **43** (February): 137-147.
- Balavoine, G., A. Moradpour, & H. B. Kagan.** 1974. "Preparation of chiral compounds with high optical purity by irradiation with circularly polarized light, a model reaction for the prebiotic generation of optical activity." *Journal of the American Chemical Society* **96** (1 August #16): 5152-5158.
- Balazs, Anna C., & Irving R. Epstein.** 2009. "Emergent or Just Complex?" *Science* **325** (25 September): 1632-1634.
- Balch, David L.,** ed. 2000. *Homosexuality, Science, and the "Plain Sense" of Scripture*. Grand Rapids, MI: William B. Eerdmans Publishing Company.
- Balch, David L., & Carolyn Osiek,** eds. 2003. *Early Christian Families in Context: An Interdisciplinary Dialogue*. Grand Rapids, MI: William B. Eerdmans Publishing Company.
- Balchin, David, Manajit Hayer-Hartl, & F. Ulrich Hartl.** 2016. "In vivo aspects of protein folding and quality control." *Science* **353** (1 July): aac4354 (online at sciencemag.org).
- Balco, Greg.** 2009. "The Geographic Footprint of Glacier Change." *Science* **324** (1 May): 599-600.
- Baldassarre, Antonello, Christopher M. Lewis, Giorgia Committeri, Abraham Z. Snyder, Gian Luca Romani, & Maurizio Corbetta.** 2012. "Individual variability in functional connectivity predicts performance of a perceptual task." *Proceedings of the National Academy of Sciences* **109** (28 February): 3516-3521.
- Baldassarri, Delia, & Guy Grossman.** 2011. "Centralized sanctioning and legitimate authority promote cooperation in humans." *Proceedings of the National Academy of Sciences* **108** (5 July): 11023-11027.
- Baldauf, S. L.** 2003. "The Deep Roots of Eukaryotes." *Science* **300** (13 June): 1703-1706.
- Baldauf, S. L., D. Bhattacharya, J. Cockrill, P. Hugenholtz, J. Pawlowski, & A. G. B. Simpson.** 2004. "The Tree of Life: An Overview," in Cracraft & Donoghue (2004, 43-75).
- Baldiauf, Sandra L., A. J. Roger, I. Wenk-Siefert, & W. F. Doolittle.** 2000. "A Kingdom-Level Phylogeny of Eukaryotes Based on Combined Protein Data." *Science* **290** (3 November): 972-977.
- Baldi, Chris, Soochin Cho, & Ronald E. Ellis.** 2009. "Mutations in Two Independent Pathways Are Sufficient to Create Hermaphroditic Nematodes." *Science* **326** (13 November): 1002-1005.
- Balding, David, & Mark Thomas.** 2012. Letter to Moffat at BBC. *University College London*

- posting (online pdf at www.ucl.ac.uk accessed 5/27/2015).
- Baldomero, Enrique Baca, & José Lázaro.** 2007. "From neurosciences to philosophy of mind." *Cortex* **43** (8): 1095-1096.
- Baldwin, Aaron P.** 2015. "A distortion of the evidence—cover to cover." *Customer Reviews* 29 March posting (online text at www.amazon.com/review/ accessed 2/11/2017).
- Baldwin, Bruce G., Susan Kalisz, & W. Scott Armbruster.** 2011. "Phylogenetic perspectives on diversification, biogeography, and floral evolution of *Collinsia* and *Tonella* (Plantaginaceae)." *American Journal of Botany* **98** (April): 731-753.
- Baldwin, Erik, & Michael Thune.** 2008. "The epistemological limits of experience-based exclusive religious belief." *Religious Studies* **44** (December): 445-455.
- Baldwin, Maude W., Yasuka Toda, Tomoya Nakagita, Mary J. O'Connell, Kirk C. Klasing, Takumi Misaka, Scott V. Edwards, & Stephen D. Liberties.** 2014. "Evolution of sweet taste perception in hummingbirds by transformation of the ancestral umami receptor." *Science* **345** (22 August): 929-933.
- Baldwin, Melinda.** 2015. "Credibility, peer review, and *Nature*, 1945-1990." *Notes & Records of the Royal Society* **69** (20 September): 337-332.
- Baldwin, Rich.** 2005. "Information Theory and Creationism: Werner Gitt." *The TalkOrigins Archive* posting 14 July (online text at talkorigins.org accessed 3/20/2010).
- Bale, Jacob B., Shane Gonen, Yuxi Liu, William Sheffler, Daniel Ellis, Chantz Thomas, Duilio Cascio, Todd O. Yeates, Tamir Gonen, Neil P. King, & David Baker.** 2016. "Accurate design of megadalton-scale two-component icosahedral protein complexes." *Science* **353** (22 July): 350-351.
- Balenger, Susan L., & Marlene Zuk.** 2015. "Roaming Romeos: male crickets evolving in silence showing increased locomotor behaviours" *Animal Behaviour* **101** (March): 213-219.
- Bales, Kevin.** 2002. "The Social Psychology of Modern Slavery." *Scientific American* **286** (April): 80-88.
- Baliński, Andrzej.** 1997. "Evolution of the embryonic development in lingulid brachiopods." *Acta Palaeontologica Polonica* **42** (1): 45-56.
- . 2002. "Frasnian-Famennian brachiopod extinction and recovery." *Acta Palaeontologica Polonica* **47** (2): 289-305.
- Balint, Michael, & Nigel C. Hughes.** 2008. "SEGMENT VARIATION IN A CAMBRIAN TRILOBITE IN THE CONTEXT OF THE BURGESS SHALE FAUNA," in Rábano *et al.* (2008, 29-32).
- Balke, Darko, Andreas Kuss, & Sabine Müller.** 2015. "Landmarks in the Evolution of (t)-RNAs from the Origin of Life up to Their Present Role in Human Cognition." *Life* (online @ www.mdpi.com) **6** (23 December): 6010001.
- Ball, Eldon E., Danielle M. de Jong, Bernd Schierwater, Chuya Shinzato, David C. Hayward, & David J. Miller.** 2007. "Implications of cnidarian gene expression patterns for the origins of bilaterality—is the glass half full or half empty?" *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 701-711.
- Ball, Molly.** 2013. "The Fall of the Heritage Foundation and the Death of Republican Ideas." *The Atlantic* posting 25 September: online text accessed 12/22/2013 (theatlantic.com).
- . 2014. "Hobby Lobby Is Already Creating New Religious Demands on Obama." *The Atlantic* posting 2 July: online text accessed 7/3/2014 (theatlantic.com).
- Ball, Philip.** 2001. "Life's lessons in design." *Nature* **409** (18 January): 413-416.
- . 2004a. "Water, water, everywhere?" *Nature* **427** (1 January): 19-20.
- . 2004b. "The memory of water." *Nature News* (8 October) posting (online text at nature.com accessed 5/26/2017).
- . 2011. "The aliens haven't landed." *Nature* (8 March) posting (online text at nature.com accessed 3/9/2011).
- . 2013. "Celebrate the unknowns." *Nature* **496** (25 April): 419-420
- . 2015. "The Strange Inevitability of Evolution." *Nautilus* (8 January) posting (online text at nautil.us accessed 7/8/2015).

- . 2017. “How quantum trickery can scramble cause and effect.” *Nature* **546** (29 June): 590-592.
- Ball, Steven G., Debashish Bhattacharya, & Andreas P. M. Weber.** 2016a. “Pathogen to powerhouse.” *Science* **351** (12 February): 659-660.
- . 2016b. “Infection and the first eukaryotes—Response.” *Science* **352** (27 May): 1065-1066.
- Ball, Steven, Christophe Colleoni, Ugo Cenci, Jenifer Nirmal Raj, & Catherine Tirtiaux.** 2011. “The evolution of glycogen and starch metabolism in eukaryotes gives molecular clues to understand the establishment of plastid endosymbiosis.” *Journal of Experimental Botany* **62** (6 March): 1775-1801.
- Ball, Steven G., Agathe Subtil, Debashish Bhattacharya, Ahmed Moustafa, Andreas P. W. Weber, Lena Gehre, Christophe Colleoni, Maria-Cecilia Arias, Ugo Cenci, & David Dauvillée.** 2013. “Metabolic Effectors Secreted by Bacterial Pathogens: Essential Facilitators of Plastid Endosymbiosis?” *The Plant Cell* **25** (January): 7-21.
- Ballantyne, A. P., C. B. Alden, J. B. Miller, P. P. Tans, & J. W. C. White.** 2012. “Increase in observed net carbon dioxide uptake by land and oceans during the past 50 years.” *Nature* **488** (2 August): 70-72.
- Ballard, J. William O., & Richard G. Melvin.** 2011. “Early Life Benefits and Later Life Costs of a Two Amino Acid Deletion in *Drosophila simulans*.” *Evolution* **65** (May): 1400-1412.
- Ballard, J. William O., Gary J. Olsen, Daniel P. Faith, Wendy A. Odgers, David M. Powell, & Peter W. Atkinson.** 1992. “Evidence from 12S Ribosomal RNA Sequences That Onychophorans Are Modified Arthropods.” *Science* **258** (20 November): 1345-1348.
- Ballard, Robert D.** 2001. “Deep Black Sea.” *National Geographic* **199** (May): 52-69.
- Ballesta, Sebastien, & Jean-René Duhamel.** 2015. “Rudimentary empathy in macaques’ social decision-making.” *Proceedings of the National Academy of Sciences* **112** (15 December): 15516-15521.
- . 2016. “Reply to Cronin: Consistency between decision-making, gaze, and natural social behavior validates inferences on macaque social cognition.” *Proceedings of the National Academy of Sciences* **113** (8 March): E1332-E1333.
- Ballew, John T., Joseph A. Murray, Pekka Collin, Markku Mäki, Martin F. Kagnoff, Katri Kaukinen, & Patrick S. Daugherty.** 2013. “Antibody biomarker discovery through in vitro directed evolution of consensus recognition epitopes.” *Proceedings of the National Academy of Sciences* **110** (26 November): 19330-19335.
- Balleza, Enrique, Elena R. Alvarez-Buylla, Alvaro Chaos, Stuart Kauffman, Ilya Shmulevich, & Maximino Aldana.** 2008. “Critical Dynamics in Genetic Regulatory Networks: Examples from Four Kingdoms.” *PLoS ONE* (online @ plosone.org) **3** (June): e2456.
- Balloux, F.** 2001. “EASYPPOP (Version 1.7): A Computer Program for Population Genetics Simulations.” *Journal of Heredity* **92** (May): 301-302.
- Balmer, Randall.** 2006. *Thy Kingdom Come: How the Religious Right Distorts the Faith and Threatens America—An Evangelical’s Lament*. New York: Basic Books.
- . 2010. “Franklin Graham Forgets that ‘God Has No Grandchildren’.” *Religion Dispatches* 30 August posting (online text at religiondispatches.org accessed 8/30/2010).
- . 2011a. “Sarah Palin and the Politics of Victimization.” *Religion Dispatches* 2 January posting (online text at religiondispatches.org accessed 1/3/2011).
- . 2011b. “We Shall Not Stop at Evangelism: Remembering Evangelical John R. W. Stott.” *Religion Dispatches* 28 July posting (online text at religiondispatches.org accessed 7/31/2011).
- Balogh, Alexandra Catherine Victoria, Gabriella Gamberale-Stille, & Brigitta Sillén Tullberg.** 2010. “Feature Theory and the Two-Step Hypothesis of Müllerian Mimicry Evolution.” *Evolution* **64** (March): 810-822.
- Balter, Michael.** 1995. “Did *Homo erectus* Tame Fire First?” *Science* **268** (16 June): 1570.
- . 1997. “Morphologists Learn to Live With Molecular Upstarts.” *Science* **276** (16 May): 1032-1034.

- . 2000a. “Archaeology in the Holy Land.” *Science* **287** (7 January): 28-29.
- . 2000b. “Baedeker’s Guide, or Just Plain ‘Trouble’?” *Science* **287** (7 January): 29-30.
- . 2000c. “The Two Tels: Armageddon For Biblical Archaeology?” *Science* **287** (7 January): 31-32.
- . 2000d. “Palestinians Inherit Riches, But Struggle to Make a Mark.” *Science* **287** (7 January): 33-34.
- . 2000e. “Archaeologists and Rabbis Clash Over Human Remains.” *Science* **287** (7 January): 34-35.
- . 2000f. “Evolution on Life’s Fringes.” *Science* **289** (15 September): 1866-1867.
- . 2001a. “In Search of the First Europeans.” *Science* **291** (2 March): 1722-1725.
- . 2001b. “Anthropologists Duel Over Modern Human Origins.” *Science* **291** (2 March): 1728-1729.
- . 2001c. “What—or Who—Did In the Neandertals?” *Science* **293** (14 September): 1980-1981.
- . 2002a. “What Made Humans Modern?” *Science* **295** (15 February): 1219, 1221-1223, 1225.
- . 2002b. “‘Speech Gene’ Tied to Modern Humans.” *Science* **297** (16 August): 1105.
- . 2004a. “Search for the Indo-Europeans.” *Science* **303** (27 February): 1323.
- . 2004b. “Earliest Signs of Human-Controlled Fire Uncovered in Israel.” *Science* **304** (30 April): 663, 665.
- . 2005a. “Are Human Brains Still Evolving? Brain Genes Show Signs of Selection.” *Science* **309** (9 September): 1662-1663.
- . 2005b. “Let ‘intelligent design’ and science rumble.” *Los Angeles Times* (2 October) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 5/26/2014).
- . 2005c. “Zebrafish Researchers Hook Gene for Human Skin Color.” *Science* **310** (16 December): 1754-1755.
- . 2006a. “New Carbon Dates Support Revised History of Ancient Mediterranean.” *Science* **312** (28 April): 508-509.
- . 2006b. “Mild Climate, Lack of Moderns Let Last Neanderthals Linger in Gibraltar.” *Science* **314** (17 November): 1071.
- . 2006c. “A Neandertal Legacy?” *Science* **314** (17 November): 1071.
- . 2008a. “Why We’re Different: Probing the Gap Between Apes and Humans.” *Science* **319** (25 January): 404-405.
- . 2008b. “DNA From Fossil Feces Breaks Clovis Barrier.” *Science* **320** (24 April): 37.
- . 2008c. “Ancient Algae Suggest Sea Route for First Americans.” *Science* **320** (9 May): 729.
- . 2008d. “Going Deeper Into the Grotte Chauvet.” *Science* **321** (15 August): 904-905.
- . 2009a. “‘Vengeance’ Bites Back At Jared Diamond.” *Science* **324** (15 May): 872-874.
- . 2009b. “Bringing Hominins Back to Life.” *Science* **325** (10 July): 136-139.
- . 2009c. “Evolving Artists.” *Science* **325** (10 July): 139.
- . 2009d. “Clothes Make the (Hu) Man.” *Science* **325** (10 July): 1329.
- . 2009e. “Ancient DNA Says Europe’s First Farmers Came From Afar.” *Science* **325** (4 September): 1189.
- . 2009f. “New Work May Complicate History Of Neandertals and *H. sapiens*.” *Science* **326** (9 October): 224-225.
- . 2009g. “Better Homes and Hearths, Neandertal-Style.” *Science* **326** (20 November): 1056-1057.
- . 2009h. “Did Neandertals Dine In?” *Science* **326** (20 November): 1057.
- . 2010a. “Neandertal Jewelry Shows Their Symbolic Smarts.” *Science* **327** (15 January): 255-256.
- . 2010b. “Of Two Minds About Toba’s Impact.” *Science* **327** (5 March): 1187-1188.
- . 2010c. “Ancient DNA From Siberia Fingers a Possible New Human Lineage.” *Science* **327** (26 March): 1566-1567.
- . 2010d. “Candidate Human Ancestor From South Africa Sparks Praise and Debate.”

- Science* **328** (9 April): 154-155.
- . 2010e. “Did Working Memory Spark Creative Culture?” *Science* **328** (9 April): 160-163.
- . 2010f. “Does ‘Working Memory’ Still Work?” *Science* **328** (9 April): 162.
- . 2010g. “Animal Communication Helps Reveal Roots of Language.” *Science* **328** (21 May): 969-971.
- . 2010h. “Score One for Hunting at Olduvai.” *Science* **329** (17 September): 1464-1465.
- . 2010i. “Burying Man’s Best Friend, With Honor.” *Science* **329** (17 September): 1464-1465.
- . 2010j. “In a Cold Snap, Farmers Turned to Milk.” *Science* **329** (17 September): 1465.
- . 2010k. “Reanalysis of French Cave Could Deal Setback to Neandertal Smarts.” *Science* **330** (22 October): 439.
- . 2011a. “Was North Africa the Launch Pad for Modern Human Migrations?” *Science* **331** (7 January): 20-23.
- . 2011b. “Pint-Sized Predator Rattles The Dinosaur Family Tree.” *Science* **331** (14 January): 134.
- . 2011c. “Do Island Sites Suggest a Coastal Route to the Americas?” *Science* **331** (4 March): 1122.
- . 2011d. “Dating Duo Illuminates Modern Humans’ Journey.” *Science* **332** (6 May): 658-661.
- . 2011e. “New Light on Ancient Samples.” *Science* **332** (6 May): 658-659.
- . 2011f. “Were Neandertals and Modern Humans Just Ships in the Night?” *ScienceInsider* posting 9 May (online text at news.sciencemag.org accessed 8/21/2014).
- . 2011g. “Did Neandertals Linger in Russia’s Far North?” *Science* **332** (13 May): 778.
- . 2011h. “South African Cave Slowly Shares Secrets of Human Culture.” *Science* **332** (10 June): 1260-1261.
- . 2011i. “Bad Birthday News for First Bird?” *Science* **333** (29 July): 511.
- . 2011j. “Paleoanthropologist Now Rides High on a New Fossil Tide.” *Science* **333** (9 September): 1373-1375.
- . 2011k. “Little Foot, Big Mystery.” *Science* **333** (9 September): 1374.
- . 2011l. “Tracing the Paths of the First Americans.” *Science* **333** (23 September): 1692.
- . 2012a. “‘Killjoys’ Challenge Claims of Clever Animals.” *Science* **335** (2 March): 1036-1037.
- . 2012b. “New Light on Revolutions That Weren’t.” *Science* **336** (4 May): 530-531.
- . 2012c. “Early Dates for Artistic Europeans.” *Science* **336** (1 June): 1086-1087.
- . 2012d. “Neandertal Champion Defends the Reputation of Our Closest Cousins.” *Science* **337** (10 August): 642-643.
- . 2012e. “Did Neandertals Truly Bury Their Dead?” *Science* **337** (21 September): 1443-1444.
- . 2012f. “Why Are Our Brains So Big?” *Science* **338** (5 October): 33-34.
- . 2012g. “Dinosaurs Sprouted Wings Earlier Than Previously Thought.” *ScienceNOW* posting 25 October (online text at sciencemag.org accessed 10/28/2012).
- . 2013a. “Archaeologist Hammers Away At ‘Modern’ Behavior.” *Science* **339** (8 February): 642-643.
- . 2013b. “Human Ancestors Were Fashion Conscious.” *ScienceNOW* posting 6 March (online text at sciencemag.org accessed 3/9/2013).
- . 2013c. “Dramatic Fossils Suggest Early Birds Were Biplanes.” *Science* **339** (15 March): 1261.
- . 2013d. “Following the Males’ Trail, 1.5 Million Years Later.” *Science* **340** (26 April): 426-427.
- . 2013e. “Can Animals Envision the Future? Scientists Spar Over New Data.” *Science* **340** (24 May): 909.
- . 2013f. “European Hunter-Gatherers Dined on Domestic Pigs.” *Science* **341** (30 August): 950.
- . 2013g. “Farming’s Tangled European Roots.” *Science* **342** (11 October): 181-182.

- . 2013h. “Ancient DNA Links Native Americans With Europe.” *Science* **342** (25 October): 409-410.
- . 2013i. “The Ears Have It: First Snakes Were Burrowers, Not Swimmers.” *Science* **342** (8 November): 683.
- . 2014a. “Monumental Roots.” *Science* **343** (3 January): 18-23.
- . 2014b. “Life and Death at Stonehenge.” *Science* **343** (3 January): 20-21.
- . 2014c. “Ancient Infant Was Ancestor of Today’s Native Americans.” *Science* **343** (14 February): 716-717.
- . 2014d. “Science Misused to Justify Ugandan Antigay Law.” *Science* **343** (28 February): 956.
- . 2014e. “Bones From a Watery ‘Black Hole’ Confirm First American Origins.” *Science* **344** (16 May): 680-681.
- . 2014f. “The killing ground.” *Science* **344** (6 June): 1080-1083.
- . 2014g. “Evidence for mesothermy in dinosaurs.” *Science* **344** (13 June): 1268-1272.
- . 2014h. “RIP for a key *Homo* species?” *Science* **345** (11 July): 129.
- . 2014i. “Giant dinosaur was a terror of Cretaceous waterways.” *Science* **345** (12 September): 1232.
- . 2015a. “Dinosaurs Sprouted Wings Earlier Than Previously Thought.” *Science* posting 13 January (online text at sciencemag.org accessed 6/8/2017).
- . 2015b. “When modern birds took flight.” *Science* **348** (8 May): 617.
- . 2015c. “New mystery for Native American origins.” *Science* **349** (24 July): 354-355.
- . 2015d. “Can epigenetics explain homosexuality puzzle?” *Science* **350** (9 October): 148.
- . 2015e. “How some of the world’s biggest dinosaurs got that way.” *Science* **350** (30 October): 492-493.
- . 2016. “After the accusation.” *Science* **351** (12 February): 652-657.
- Balter, Michael, & Ann Gibbons.** 2000. “A Glimpse of Humans’ First Journey Out of Africa.” *Science* **288** (12 May): 948-950.
- . 2002. “Were ‘Little People’ the First to Venture Out of Africa?” *Science* **297** (5 July): 26-27.
- . 2015. “Indo-European languages tied to herders.” *Science* **347** (20 February): 814-815.
- Balter, Vincent, José Braga, Philippe T  louk, & J. Francis Thackeray.** 2012. “Evidence for dietary change but not landscape use in South African early hominins.” *Nature* **489** (27 September): 558-560.
- Balthasar, Uwe, & Nicholas J. Butterfield.** 2009. “Early Cambrian ‘soft-shelled’ brachiopods as possible stem-group phoronids.” *Acta Palaeontologica Polonica* **54** (2): 307-314.
- Balthasar, Uwe, & Susannah C. R. Maidment.** 2006. “Pseudoscience should not be published in *Nature*.” *Nature* **444** (7 December): 679-680.
- Balthasar, Uwe, Christian B. Skovsted, Lars E. Holmer, & Glenn A. Brock.** 2009. “Homologous skeletal secretion in tommotiids and brachiopods.” *Geology* **37** (December): 1143-1146.
- Baltimore, David, & Carole Heilman.** 1998. “HIV Vaccines: Prospects and Challenges.” *Scientific American* **279** (July): 98-103.
- Baltz, Richard H.** 2007. “Antimicrobials from Actinomycetes: Back to the Future.” *Microbe* **2** (March): 125-131.
- Baltzinger, Mireille, Michela Ori, Massimo Pasqualetti, Irma Nardi, & Fileppo M. Rijli.** 2005. “*Hoxa2* knockdown in *Xenopus* results in hyoid to mandibular homeosis.” *Developmental Dynamics* **234** (December): 858-867.
- Baltzey, Michael.** 2016. “Institutionalizing creationism.” *Science* **352** (10 June): 1285.
- Balucani, Nadia.** 2009. “Elementary Reactions and Their Role in Gas-Phase Prebiotic Chemistry.” *International Journal of Molecular Sciences* **10** (April): 2304-2335.
- Balyeat, Joe.** 2001. “House Bill No. 588.” Montana House of Representatives legislative posting (online text at laws.leg.mt.gov accessed 1/5/2014).
- Balzeau, Antoine, & H  l  ne Rougier.** 2010. “Is the suprainiac fossa a Neandertal autopomorphy? A complementary external and internal investigation.” *Journal of Human*

- Evolution* **58** (January): 1-22.
- Bambach, Richard K., Andrew H. Knoll, & J. John Sepkoski Jr.** 2002. "Anatomical and ecological constraints on Phanerozoic animal diversity in the marine realm." *Proceedings of the National Academy of Sciences* **99** (14 May): 6854-6859.
- Bambach, Richard K., Andrew H. Knoll, & Steve C. Wang.** 2004. "Origination, extinction, and mass depletions of marine diversity." *Paleobiology* **30** (December): 522-542.
- Bamber, Jonathan L., Riccardo E. M. Riva, Bert L. A. Vermeersen, & Anne M. LeBrocq.** 2009. "Reassessment of the Potential Sea-Level Rise from a Collapse of the West Antarctic Ice Sheet." *Science* **324** (15 May): 901-903.
- Bamforth, Emily L., & Guy M. Narbonne.** 2009. "New Ediacaran Rangeomorphs from Mistaken Point, Newfoundland, Canada." *Journal of Paleontology* **83** (November): 897-913.
- Ban, Nenad, Poul Nissen, Jeffrey Hansen, Peter B. Moore, & Thomas A. Steitz.** 2000. "The Complete Atomic Structure of the Large Ribosomal Subunit at 2.4 Å Resolution." *Science* **289** (11 August): 905-920.
- Banakou, Domna, & Mel Slater.** 2014. "Body ownership causes illusory self-attribution of speaking and influences subsequent real speaking." *Proceedings of the National Academy of Sciences* **111** (9 December): 17678-17683.
- Banas, John A., & Stephen A. Rains.** 2010. "A Meta-Analysis of Research on Inoculation Theory." *Communication Monographs* **77** (September): 281-311.
- Banati, Richard B., Ryan J. Middleton, Ronald Chan, Claire R. Hatty, Winnie Wai-Ying Kam, Candice Quin, Manuel B. Graeber, Arvind Parmar, David Zahra, Paul Callaghan, Sandra Fok, Nicholas R. Howell, Marie Gregoire, Alexander Szabo, Tien Pham, Emma Davis, & Guo-Jun Liu.** 2014. "Positron emission tomography and functional characterization of a complete PBR/TSPO knockout." *Nature Communications* (online @ nature.com) **5** (19 November): 5452.
- Banavar, Jayanth R., Todd J. Cooke, Andrea Rinaldo, & Amos Maritan.** 2014. "Form, function, and evolution of living organisms." *Proceedings of the National Academy of Sciences* **111** (4 March): 3332-3337.
- Banavar, Jayanth R., & Amos Maritan.** 2009. "Towards a theory of biodiversity." *Nature* **460** (16 July): 334-335.
- Banavar, Jayanth R., Melanie E. Moses, James H. Brown, John Damuth, Andrea Rinaldo, Richard M. Sibley, & Amos Maritan.** 2010. "A general basis for quarter-power scaling in animals." *Proceedings of the National Academy of Sciences* **107** (7 September): 15816-15820.
- Bancaud, Aurélien, Christophe Lavelle, Sébastien Huet, & Jan Ellenberg.** 2012. "A fractal model for nuclear organization: current evidence and biological implications." *Nucleic Acids Research* **40** (October, #18): 8783-8792.
- Band, H. T.** 1978. "Northern evolutionism, 1933—and its 19th-century neokantian basis." *Evolutionary Theory* **3** (March): 237-284.
- Bandola, Daren Mae B., & Jonnamae L. Odtojan.** 2013. "Dinosaurs Never Existed." *Cristy95* 19 March updated posting (online text at cristy95.hubpages.com accessed 8/10/2014).
- Bandow, Doug.** 1991. "Fossils and Fallacies." *National Review* **43** (29 April): 47-48.
- . 1999. "Bedtime Christmas Readings." *Cato Institute* 23 December posting of 13 December Copley News Service article (online text at www.cato.org accessed 4/17/2016).
- . 2013. "As Persecution of Christians Intensifies, Freedom of Thought Is at Risk." *Cato Institute* 30 December posting (online text at www.cato.org accessed 1/20/2014).
- Bandura, Albert.** 2011. "Self-deception: A paradox revisited." *Behavioral and Brain Sciences* **34** (1): 16-17.
- Bandyopadhyay, Pradip K., James E. Garrett, Reshma P. Shetty, Tyler Keate, Craig S. Walker, & Baldomero M. Olivera.** 2002. "γ-Glutamyl carboxylation: An extracellular posttranslational modification that antedates the divergence of molluscs, arthropods, and chordates." *Proceedings of the National Academy of Sciences* **99** (5 February): 1264-1269.

- Bandyopadhyay, Ruma, Anita Heller, Cami Knox-DuBois, Christopher McCaskill, Sue Ann Berend, Scott L. Page, & Lisa G. Shaffer.** 2002. "Parental Origin and Timing of De Novo Robertsonian Translocation Formation." *The American Journal of Human Genetics* **71** (December): 1456-1462.
- Bandyopadhyay, Saswati,** ed. 2010. *New Aspects of Mesozoic Biodiversity*. Lecture Notes in Earth Science Vol. 132. Berlin: Springer.
- Bandyopadhyay, Sourav, Monika Mehta, Dwight Kuo, Min-Kyung Sung, Ryan Chuang, Eric J. Jaehnig, Bernd Bodenmiller, Katherine Licon, Wilbert Copeland, Michael Shales, Dorothea Fiedler, Janusz Dutkowski, Aude Guénolé, Haico van Attikum, Kevan M. Shokat, Richard D. Kolodner, Won-Ki Huh, Ruedi Aebersold, Michael-Christopher Keogh, Nevan J. Krogan, & Trey Ideker.** 2010. "Rewiring of Genetic Networks in Response to DNA Damage." *Science* **330** (3 December): 1385-1389.
- Banerjee, D., S. N. Bhat, S. V. Bhat, & D. Leporini.** 2009. "ESR evidence for 2 coexisting liquid phases in deeply supercooled bulk water." *Proceedings of the National Academy of Sciences* **106** (14 July): 11448-11453.
- Banerjee, Kinshuk, Anatoly B. Kolomeisky, & Oleg A. Igoshin.** 2017. "Elucidating interplay of speed and accuracy in biological error correction." *Proceedings of the National Academy of Sciences* **114** (16 May): 5183-5188.
- Banerjee, Neela.** 2010. "GOP plans attacks on the EPA and climate scientists." *Los Angeles Times* posting 30 October: online text accessed 11/3/2010 (articles.latimes.com).
- Banerjee, Srijoni, & Parag A. Deshpande.** 2016. "On origin and evolution of carbonic anhydrase isozymes: A phylogenetic analysis from whole-enzyme to active site." *Computational Biology and Chemistry* **61** (April) 121-129.
- Banerjee-Basu, Sharmila, & Andreas D. Baxevanis.** 2001. "Molecular evolution of the homeodomain family of transcription factors." *Nucleic Acids Research* **29** (1 August): 3258-3269.
- Banet, Amanda I., Arthur G. Au, & David N. Reznick.** 2010. "Is Mom in Charge? Implications of Resource Partitioning on the Evolution of the Placenta." *Evolution* **64** (November): 3172-3182.
- Bánfai, Balázs, Hui Jia, Jainab Khatun, Emily Wood, Brian Risk, William E. Gundling Jr., Anshul Kundaje, Harsha P. Gunawardena, Yanbao Yu, Ling Xie, Krzysztof Krajewski, Brian D. Strahl, Xian Chen, Peter Bickel, Morgan C. Giddings, James B. Brown, & Leonard Lipovich.** 2012. "Long noncoding RNAs are rarely translated in two human cell lines." *Genome Research* **22** (September): 1646-1657.
- Bang, Ranhy, Rob DeSalle, & Ward Wheeler.** 2000. "Transformationalism, Taxism, and Developmental Biology." *Systematic Biology* **49** (March): 19-27.
- Bange, Gert, Nico Kümmerer, Christoph Engel, Gunes Bozkurt, Klemens Wild, & Irmgard Sinning.** 2010. "FlhA provides the adaptor for coordinated delivery of late flagella building blocks to the type III secretion system." *Proceedings of the National Academy of Sciences* **107** (22 June): 11295-11300.
- Bangert, Berthold, & Marion Bamford.** 2001. "Carboniferous pycnoxylic woods from the Dwyka Group of Southern Namibia." *Palaeontologica Africana* **37**: 13-23.
- Bangert, B., H. Stollhofen, M. Geiger, & V. Lorenz.** 2000. "Fossil record and high-resolution tephrostratigraphy of Carboniferous glaciomarine mudstones, Dwyka Group, southern Namibia." *Communications of the Geological Survey of Namibia* **12**: 265-276.
- Bangert, Berthold, Harald Stollhofen, Volker Lorenz, & Richard Armstrong.** 1999. "The geochronology and significance of ash-fall tuffs in the glaciogenic Carboniferous-Permian Dwyka Group of Namibia and South Africa." *Journal of African Earth Sciences* **29** (July): 33-49.
- Bangert, Dave.** 2012. "The evolution of Gov. Pence starts here; another creation science bill looms." *Lafayette Journal and Courier* posting 12 November online text accessed 11/21/2012 (www.jconline.com).
- . 2015. "Evolution, science back in bill's cross hairs ." *Lafayette Journal and Courier* posting 21 January online text accessed 1/23/2015 (www.jconline.com).

- Bangerter, Jared.** 2012. “David Wilcock’s Theory of Evolution – Torsion Waves vs The Big Bang.” 2 February updated posting (online text at jaredbangerter.hubpages.com accessed 11/24/2013).
- Bangs, N. L., M. J. Hornbach, G. F. Moore, & J.-O. Park.** 2010. “Massive methane release triggered by seafloor erosion offshore southwestern Japan.” *Geology* **38** (November): 1019-1022.
- Bank, Claudia, Reinhard Bürger, & Joachim Hermisson.** 2012. “The Limits of Parapatric Speciation: Dobzhansky-Muller Incompatibilities in a Continent-Island Model.” *Genetics* **191** (July): 845-863.
- Banks, Adelle M.** 2011. “Iranian Pastor Youcef Nadarkhani’s potential execution rallies U.S. Christians.” *The Washington Post* posting 28 September: online text accessed 10/11/2011 (www.washingtonpost.com).
- Banks, Harlan P.** 1975. “Reclassification of Psilophyta.” *Taxon* **24** (August): 401-413.
- . 1980. “The role of *psilophyton* in the evolution of vascular plants.” *Review of Palaeobotany and Palynology* **29**: 165-176.
- Banks, Jo Ann, Tomoaki Nishiyama, Mitsuyasu Hasebe, John L. Bowman, Michael Gribskov, Claude dePamphilis, Victor A. Albert, Naoki Aono, Tsuyoshi Aoyama, Barbara A. Ambrose, Neil W. Ashton, Michael J. Axtell, Elizabeth Barker, Michael S. Barker, Jeffrey L. Bennetzen, Nicholas D. Bonawitz, Clint Chapple, Chaoyang Cheng, Luiz Gustavo Guedes Correa, Michael Dacre, Jeremy DeBarry, Ingo Dreyer, Marek Elias, Eric M. Engstrom, Mark Estelle, Liang Feng, Cédric Finet, Sandra K. Floyd, Wolf B. Frommer, Tomomichi Fujita, Lydia Gramzow, Michael Gutensohn, Jesper Harholt, Mitsuru Hattori, Alexander Heyl, Tadayoshi Hirai, Yuji Hiwatashi, Masaki Ishikawa, Mineko Iwata, Kenneth G. Karol, Barbara Koehler, Uener Kolukisaoglu, Minoru Kubo, Tetsuya Kurata, Sylvie Lalonde, Kejie Li, Ying Li, Amy Litt, Eric Lyons, Gerard Manning, Takeshi Maruyama, Todd P. Michael, Koji Mikami, Saori Miyazaki, Shin-ichi Morinaga, Takashi Murata, Bernd Mueller-Roeber, David R. Nelson, Mari Obara, Yasuko Oguri, Richard G. Olmstead, Naoko Onodera, Bent Larsen Petersen, Birgit Pils, Michael Prigge, Stefan A. Rensing, Diego Mauricio Riaño-Pachón, Alison W. Roberts, Yoshikatsu Sato, Henrik Vibe Scheller, Burkhard Schulz, Christian Schulz, Eugene V. Shakhov, Nakako Shibagaki, Naoki Shinohara, Dorothy E. Shippen, Iben Serensen, Ryo Sotooka, Nagisa Sugimoto, Mamoru Sugita, Naomi Sumikawa, Milos Tanurdzic, Günter Theißen, Peter Ulvskov, Sachiko Wakazuki, Jing-Ke Weng, William W. G. T. Willats, Daniel Wipf, Paul G. Wolf, Lixing Yang, Andreas D. Zimmer, Qihui Zhu, Therese Mitros, Uffe Hellsten, Dominique Loqué, Robert Otilar, Asaf Salamov, Jeremy Schmutz, Harris Shapiro, Erika Lindquist, Susan Lucas, Daniel Rokhsar, & Igor V. Grigoriev.** 2011. “The Selaginella Genome Identifies Genetic Changes Associated with the Evolution of Vascular Plants.” *Science* **332** (20 May): 960-963.
- Banks, Martin S., William W. Sprague, Jürgen Schmoll, Jared A. Q. Parnell, & Gordon D. Love.** 2015. “Why do animal eyes have pupils of different shapes?” *Science Advances* **1** (7 August): e1500391 (online at sciencemag.org).
- Banks, William E., Francesco d’Errico, A. Townsend Peterson, Masa Kageyama, Adriana Sima, & Maria-Fernanda Sánchez-Goñi.** 2008. “Neanderthal Extinction by Competitive Exclusion.” *PLoS ONE* (online @ plosone.org) **3** (December): e3972.
- Bansal, B. M., C.-Y. Shih, & H. Wiesmann.** 1985. “Rb-Sr internal isochron age of a subophitic basalt clast from the Y75011 eucrite.” *Proceedings of the Lunar and Planetary Science Conferences* **16**: 25-26.
- Bansal, Monisha.** 2008. “‘Intelligent Design Belittles God,’ Says Priest.” Cybercast (formerly Conservative) New Service *CNSnews* 7 July posting (online text at cnsnews.com accessed 2/4/2012).
- Banu, Adriana.** 2008. “Alchemy of the Universe: The Nucleosynthesis of Chemical Elements.” Texas A&M *Cyclotron Institute* 23 February “Saturday Morning Physics” posting (online pdf at cyclotron.tamu.edu accessed 6/5/2014).
- Bao, Riyue, Tami Fischer, Renata Bolognesi, Susan J. Brown, & Markus Friedrich.** 2012.

- “Parallel Duplication and Partial Subfunctionalization of β -Catenin/Armadillo during Insect Evolution.” *Molecular Biology and Evolution* **29** (February): 647-662.
- Bao, Xuewei, & David W. Eaton.** 2016. “Fault activation by hydraulic fracturing in western Canada.” *Science* **354** (16 December): 1406-1409.
- Bao, Zheng-Zheng, Benoit G. Bruneau, J. G. Seidman, Christine E. Seidman, & Constance L. Cepko.** 1999. “Regulation of Chamber-Specific Gene Expression in the Developing Heart by *Irx4*.” *Science* **283** (19 February): 1161-1164.
- Baonza, Antonio, Fernando Roch, & Enrique Martín-Blanco.** 2000. “DER signaling restricts the boundaries of the wing field during *Drosophila* development.” *Proceedings of the National Academy of Sciences* **97** (20 June): 7331-7335.
- Bapst, D. W., A. M. Wright, N. J. Matzke, & G. T. Lloyd.** 2016. “Topology, divergence dates, and macroevolutionary inferences vary between different tip-dating approaches applied to fossil theropods (Dinosauria).” *Royal Society Biology Letters* **12** (July): 20160237.
- Bapst, David M., Peter C. Bullock, Michael J. Melchin, H. David Sheets, & Charles E. Mitchell.** 2012. “Graptoloid diversity and disparity became decoupled during the Ordovician mass extinction.” *Proceedings of the National Academy of Sciences* **109** (28 February): 3428-3433.
- Bapteste, Eric, Henner Brinkmann, Jennifer A. Lee, Dorothy V. Moore, Christoph W. Sensen, Paul Gordon, Laure Duruflé, Terry Gaasterland, Philippe Lopez, Miklós Müller, & Hervé Philippe.** 2002. “The analysis of 100 genes supports the grouping of three highly divergent amoebae: *Dictyostelium*, *Entamoeba*, and *Mastigamoeba*.” *Proceedings of the National Academy of Sciences* **99** (5 February): 1414-1419.
- Bapteste, Eric, Philippe Lopez, Frédéric Bouchard, Fernando Baquero, James O. McInerney, & Richard M. Burian.** 2012. “Evolutionary analyses of non-genealogical bonds produced by introgressive descent.” *Proceedings of the National Academy of Sciences* **109** (6 November): 18266-18272.
- Bapteste, E., E. Susko, J. Leigh, D. MacLeod, R. L. Charlebois, & W. F. Doolittle.** 2005. “Do orthologous gene phylogenies really support tree-thinking?” *BMC Evolutionary Biology* (online @ biomedcentral.com) **5** (24 May): 33.
- Bapteste, Eric, Leo van Iersel, Axel Janke, Scot Kelchner, Steven Kelk, James O. McInerney, David A. Morrison, Luay Nakhleh, Mike Steel, Leen Stougie, & James Whitfield.** 2013. “Networks: Expanding evolutionary thinking.” *Trends in Genetics* **29** (August): 439-441.
- Baptist Joint Committee.** 1996. “Critique of David Barton’s ‘America’s Godly Heritage’.” *The Constitutional Principle* posting of Baptist Joint Committee on Public Affairs 18 June article (online text at candst.tripod.com accessed 12/7/2011).
- Bar, Maya, & Naomi Ori.** 2014. “Leaf development and morphogenesis.” *Development (AKA Journal of Embryology and Experimental Morphology)* **141** (15 November): 4219-4230.
- Barabási, Albert-László.** 2017. “Academia under fire in Hungary.” *Science* **356** (12 May): 563.
- Baram, David, Erez Pyetan, Assa Sittner, Tamar Auerbach-Nevo, Anat Bashan, & Ada Yonath.** 2005. “Structure of trigger factor binding domain in biologically homologous complex with eubacterial ribosome reveals its chaperone action.” *Proceedings of the National Academy of Sciences* **102** (23 August): 12017-12022.
- Baraminology.** 2005. “Two Must-Reads from Sternberg on Genome Reconfiguration.” *Creationism and Baraminology Research News* 12 December posting (online text at baraminology.blogspot.com accessed 4/30/2012).
- Baran, Nicole M., Patrick T. McGrath, & J. Todd Streebman.** 2017. “Applying gene regulatory network logic to the evolution of social behavior.” *Proceedings of the National Academy of Sciences* **114** (6 June): 5886-5893.
- Barash, David P.** 2008. *Natural Selections: Selfish Altruists, Honest Liars, and Other Realities of Evolution*. New York: Bellevue Literary Press.
- . 2010. “NOMA? No thanks!” *The Chronicle of Higher Education Brainstorm* posting 19 December: online text accessed 12/24/2010 (chronicle.com).
- . 2012. “Benjamin, Buddhism, and Bunnies.” *The Chronicle of Higher Education the*

- Conversation posting 31 August: online text accessed 5/25/2013 (*chronicle.com*).
- . 2014. “God, Darwin and My College Biology Class.” *The New York Times* posting 27 September: online text accessed 10/1/2014 (*www.nytimes.com*).
- Barash, Yoseph, John A. Calarco, Weijun Gao, Qun Pan, Xincheng Wang, Ofer Shai, Benjamin J. Blencowe, & Brendan J. Frey.** 2010. “Deciphering the splicing code.” *Nature* **465** (6 May): 53-59.
- Baratko, Trevor.** 2012. “‘Queer at Patrick Henry College’ vexes school’s chancellor.” *Loudoun Times-Mirror* posting 12 December: online text accessed 12/13/2012 (*www.loudountimes.com*).
- Barbaglia, Allison M., Katarina M. Klusman, John Higgins, Janine R. Shaw, L. Curtis Hannah, & Shailesh K. Lal.** 2012. “Gene Capture by *Helitron* Transposons Reshuffles the Transcriptome of Maize.” *Genetics* **190** (March): 965-975.
- Barbante, C., N. M. Kehrwald, P. Marianelli, B. M. Vinther, J. P. Steffensen, G. Cozzi, C. U. Hammer, H. B. Clausen, & M.-L. Siggaard-Andersen.** 2013. “Greenland ice core evidence of the 79 AD Vesuvius eruption.” *Climate of the Past* **9** (13 June): 1221-1232.
- Barbaro, P.** 2009. “Explanations of the Earth’s features and origin in pre-Meiji Japan.” *Geological Society, London, Special Publications* **310**: 25-36.
- Barbash, Daniel A., Dominic F. Sino, Aaron M. Tarone, & John Roote.** 2003. “A rapidly evolving MYB-related protein causes species isolation in *Drosophila*.” *Proceedings of the National Academy of Sciences* **100** (29 April): 5302-5307.
- Barbatti, Mario, Antonio Carlos Borin, & Susanne Ullrich,** eds. 2014. *Photoinduced Phenomena in Nucleic Acids II: DNA Fragments and Phenomenological Aspects*. New York: Springer.
- Barbeitos, Marcos S., Sandra L. Romano, & Howard R. Lasker.** 2010. “Repeated loss of coloniality and symbiosis in scleractinian corals.” *Proceedings of the National Academy of Sciences* **107** (29 June): 11877-11882.
- Barber, David J., & Edward R. D. Scott.** 2002. “Origin of supposedly biogenic magnetite in the Martian meteorite Allan Hills 84001.” *Proceedings of the National Academy of Sciences* **99** (14 May): 6556-6561.
- Barber, Iain, Danie Hoare, & Jens Krause.** 2000. “Effects of parasites on fish behaviour: a review and evolutionary perspective.” *Reviews in Fish Biology and Fisheries* **10** (2): 131-165.
- Barber, J. Matt.** 2013. “‘Gays’ Forced to Serve Homosexual Haters.” *Political Outcast* 9 September posting (online text at *politicaloutcast.com* accessed 9/17/2013).
- Barber, Jesse R., & William E. Conner.** 2007. “Acoustic mimicry in a predator-prey interaction.” *Proceedings of the National Academy of Sciences* **104** (29 May): 9331-9334.
- Barber, Jesse R., Brian C. Leavell, Adam L. Keener, Jesse W. Breinholt, Brad A. Chadwell, Christopher J. W. McClure, Geena M. Hill, & Akito Y. Kawahara.** 2015. “Moth tails divert bat attack: Evolution of acoustic deflection.” *Proceedings of the National Academy of Sciences* **112** (3 March): 2812-2816.
- Barber, Nigel.** 2009. “Could homosexual genes be naturally selected?” *The Human Beast* posting 9 June (online text at *psychologytoday.com* accessed 9/19/2010).
- . 2010. “Why Atheism Will Replace Religion.” *The Human Beast* posting 18 May (online text at *psychologytoday.com* accessed 6/14/2012).
- . 2011a. “Does religion make people happier?” *The Human Beast* posting 17 February (online text at *psychologytoday.com* accessed 6/14/2012).
- . 2011b. “Why Atheism Will Replace Religion: New Evidence.” *The Human Beast* posting 14 July (online text at *psychologytoday.com* accessed 6/14/2012).
- Barber, Wesley T., Wei Zhang, Hliang Win, Kranthi K. Varala, Jane E. Dorweiler, Matthew E. Hudson, & Stephen P. Moose.** 2012. “Repeat associated small RNAs very among parents and following hybridization in maize.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10444-10449.
- Barbey, Aron K., Frank Krueger, & Jordan Grafman.** 2009. “Structured event complexes in the medial prefrontal cortex support counterfactual representations for future planning.”

- Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (May): 1291-1300.
- Barboni, Melanie, Patrick Boehnke, Brenhin Keller, Issaku E. Kohl, Blair Schoene, Edward D. Young, & Kevin D. McKeegan.** 2017. "Early formation of the Moon 4.51 billion years ago." *Science Advances* **3** (11 January): e1602365 (online at sciencemag.org).
- Barbosa-Morais, Nuno L., Manuel Irimia, Qun Pan, Hui Y. Xiong, Serge Guerousov, Leo J. Lee, Valentina Slobodeniuc, Claudia Kutter, Stephen Watt, Recep Çolak, TaeHyung Kim, Christine M. Misquitta-Ali, Michael D. Wilson, Philip M. Kim, Duncan T. Odom, Brendan J. Frey, & Benjamin J. Blencowe.** 2012. "The Evolutionary Landscape of Alternative Splicing in Vertebrate Species." *Science* **338** (21 December): 1587-1593.
- Barbour, Henry, Sally Bradshaw, Ari Fleischer, Zori Fonalledas, & Glenn McCall.** 2013. "Growth & Opportunity Project." *Republican National Committee* posting (online text at www.scribd.com accessed 3/23/2013).
- Barbour, Ian G.** 2000. *When Science Meets Religion*. San Francisco: HarperSanFrancisco.
- Barbrook, Adrian C., Christopher J. Howe, Norman Blake, & Peter Robinson.** 1998. "The phylogeny of *The Canterbury Tales*." *Nature* **394** (27 August): 839.
- Barbrook, Adrian C., Christopher J. Howe, Davy P. Kurniawan, & Sarah J. Tarr.** 2010. "Organization and expression of organellar genomes." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (12 March): 785-797.
- Barbulescu, Madalina, Geoffrey Turner, Michael I. Seaman, Amos S. Deinard, Kenneth K. Kidd, & Jack Lenz.** 1999. "Many human endogenous retrovirus K (HERV-K) proviruses are unique to humans." *Current Biology* **9** (26 August): 861-868.
- Barbulescu, Madalina, Geoffrey Turner, Mei Su, Rachel Kim, Michael I. Jensen-Seaman, Amos S. Deinard, Kenneth K. Kidd, & Jack Lenz.** 2001. "A HERV-K provirus in chimpanzees, bonobos, and gorillas, but not humans." *Current Biology* **11** (15 May): 779-783.
- Barchas, Laurel.** 2012. "Stem cells in the 2012 Presidential election." *Dispatches from the Culture Wars* Ed Brayton guest posting 8 October (online text at freethoughtblogs.com/dispatches accessed 10/15/2012).
- Barclay, Thomas, Jason F. Rowe, Jack J. Lissauer, Daniel Huber, François Fressin, Steve B. Howell, Stephen T. Bryson, William J. Chaplin, Jean-Michel Désert, Eric D. Lopez, Geoffrey W. Marcy, Fergal Mullally, Darin Ragozzine, Guillermo Torres, Elisabeth R. Adams, Eric Agol, David Barrado, Sarbani Basu, Timothy R. Bedding, Lars A. Buchhave, David Charbonneau, Jessie L. Christiansen, Jørgen Christensen-Dalsgaard, David Ciardi, William D. Cochran, Andrea K. Dupree, Yvonne Elsworth, Mark Everett, Debra A. Fischer, Eric B. Ford, Jonathan J. Fortney, John C. Geary, Michael R. Haas, Rasmus Handberg, Saskia Hekker, Christopher E. Henze, Elliott Horch, Andrew W. Howard, Roger C. Hunter, Howard Isaacson, Jon M. Jenkins, Christoffer Karoff, Steven D. Kawaler, Hans Kjeldsen, Todd C. Klaus, David W. Latham, Jie Li, Jorge Lillo-Box, Mikkel N. Lund, Mia Lundkvist, Travis S. Metcalfe, Andrea Miglio, Robert L. Morris, Elisa V. Quintana, Dennis Stello, Jeffrey C. Smith, Martin Still, & Susan E. Thompson.** 2013. "A sub-Mercury-sized exoplanet." *Nature* **494** (28 February): 452-454.
- Bard, Edouard.** 2013. "Out of the African Humid Period." *Science* **342** (15 November): 808-809.
- Bard, Edouard, Maurice Arnold, Bruno Hamelin, Nadine Tisnerat-Laborde, & Guy Cabioch.** 1998. "Radiocarbon Calibration by Means of Mass Spectrometric ²³⁰Th/²³⁴U and ¹⁴C Ages of Corals: An Updated Database Including Samples from Barbados, Mururoa and Tahiti." *Radiocarbon* **40** (3): 1085-1092.
- Bard, Edouard, Bruno Hamelin, & Doriane Delanghe-Sabatier.** 2010. "Deglacial Meltwater Pulse 1B and Younger Dryas Sea Levels Revisited with Boreholes at Tahiti." *Science* **327** (5 March): 1235-1237.
- Bard, Edouard, Maurice Arnold, Richard G. Fairbanks, & Bruno Hamelin.** 1993. "²³⁰Th-²³⁴U and ¹⁴C Ages Obtained by Mass Spectrometry on Corals." *Radiocarbon* **35** (1): 191-199.

- Bard, Edouard, Bruno Hamelin, Richard G. Fairbanks, & Alan Zindler.** 1990. "Calibration of the ^{14}C timescale over the past 30,000 years using mass spectrometric U-Th ages from Barbados corals." *Nature* **345** (31 May): 405-410.
- Bard, Edouard, Frauke Rostek, & Guillemette Ménot-Combes.** 2004. "A Better Radiocarbon Clock." *Science* **303** (9 January): 178-179.
- Bard, J.** 2010. "A systems biology view of evolutionary genetics: network-driven processes incorporate much more variation than evolutionary genetics can handle. This variation is hard to formalize but allows fast change." *BioEssays* **32** (July): 559-563.
- Bardapurkar, Abhijeet.** 2008. "Do Students See the 'Selection' in Organic Evolution? A Critical Review of the Causal Structure of Student Explanations." *Evolution: Education & Outreach* **1** (July): 299-305.
- Bardeleben, Carolyne, Rachael L. Moore, & Robert K. Wayne.** 2005. "A molecular phylogeny of the Canidae based on six nuclear loci." *Molecular Phylogenetics and Evolution* **37** (December): 815-831.
- Bardell, David.** 2006. "The discovery of a tree (*Wollemia nobilis*) from the age of the dinosaurs." *BIOS* **77** (March): 20-23.
- Barden, Holly E., Roy A. Wogelius, Daqing Li, Phillip L. Manning, Nicholas P. Edwards, & Bart E. van Dongen.** 2011. "Morphological and Geochemical Evidence of Eumelanin Preservation in the Feathers of the Early Cretaceous Bird, *Gansus yumenensis*." *PLoS ONE* (online @ plosone.org) **6** (October): e25494.
- Barden, Phillip, & David A. Grimaldi.** 2012. "Rediscovery of the bizarre Cretaceous ant *Haidomyrmex* Dlussky (Hymenoptera: Formicidae) with two new species." *American Museum Novitates* **3755** (September): 1-16.
- . 2013. "A New Genus of Highly Specialized Ants in Cretaceous Burmese amber (Hymenoptera: Formicidae)." *Zootaxa* **3681** (June): 405-412.
- . 2014. "A Diverse Ant Fauna from the Mid-Cretaceous of Myanmar (Hymenoptera: Formicidae)." *PLoS ONE* (online @ plosone.org) **9** (April): e93627.
- . 2016. "Adaptive Radiation in Socially Advanced Stem-Group Ants from the Cretaceous." *Current Biology* **26** (22 February): 515-521.
- Bardet, N., J. Falconnet, V. Fischer, A. Houssaye, S. Jouve, X. Pereda Suberbiola, A. Pérez-García, J.-C. Rage, & P. Vincent.** 2014. "Mesozoic marine reptile palaeobiogeography in response to drifting plates." *Gondwana Research* **26** (November): 869-887.
- Bardhan, A., & T. Sharma.** 2000. "Meiosis and speciation: a study in speciating *Mus terricolor* complex." *Journal of Genetics* **79** (December): 105-111.
- Bardhan, Subhendu, Tapas K. Gangopadhyay, & Uttam Mandal.** 2002. "How far did India drift during the Late Cretaceous?—*Placenticerus kaffrarium* Etheridge, 1904 (Ammonoidea) used as a measuring tape." *Sedimentary Geology* **147** (1 March): 193-217.
- Bardi, Ariel Sophia.** 2017. "God or Geology? The Genesis of Ram's Bridge." *Hakai Magazine* 31 May posting (online text at www.hakaimagazine.com accessed 6/2/2017).
- Bardy, Sonia L., Takahisa Mori, Kaoru Komoriya, Shin-Ichi Aizawa, & Ken F. Jarrell.** 2002. "Identification and Localization of Flagellins FlaA and FlaB3 within Flagella of *Methanococcus voltae*." *Journal of Bacteriology* **184** (October, No. 19): 5223-5233.
- Bardy, Sonia L., Sandy Y. M. Ng, & Ken F. Jarrell.** 2003. "Prokaryotic motility structures." *Microbiology* **149** (February): 295-304.
- Barge, Laura M., Ivria J. Doloboff, Michael J. Russell, David VanderVelde, Lauren M. White, Galen D. Stucky, Marc M. Baum, John Zeytounian, Richard Kidd, & Isik Kanik.** 2014. "Pyrophosphate synthesis in iron mineral films and membranes simulating prebiotic submarine hydrothermal precipitates." *Geochimica et Cosmochimica Acta* **128** (March): 1-12.
- Barghusen, Herbert R.** 1968. "The lower jaw of cynodonts (Reptilia, Therapsida) and the evolutionary origin of mammal-like adductor jaw musculature." Peabody Museum of Natural History (Yale University) *Postilla* **116**: 1-49.
- Bargielowski, Irka E., L. Philip Lounibos, & Maria Cristina Carrasquilla.** 2013. "Evolution of resistance to satyrization through reproductive character displacement in populations of

- invasive dengue vectors.” *Proceedings of the National Academy of Sciences* **110** (19 February): 2888-2892.
- Bargueño, Pedro, & Ricardo Pérez de Tudela.** 2007. “The Role of Supernova Neutrinos on Molecular Homochirality.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (June): 253-257.
- Barham, James.** 2012a. “Seeing Past Darwin I: The Machine Metaphor.” *The Best Schools* 27 April posting (online text at www.thebestschools.org accessed 12/16/2012).
- . 2012b. “Seeing Past Darwin II: James A. Shapiro.” *The Best Schools* 3 May posting (online text at www.thebestschools.org accessed 12/16/2012).
- . 2012c. “Confessions of an Atheist Darwin-Doubter.” Discovery Institute *Evolution News & Views* for 21 May (online text at evolutionnews.org accessed 12/16/2012).
- . 2012d. “Seeing Past Darwin III: Mary Janes West-Eberhard.” *The Best Schools* 27 May posting (online text at www.thebestschools.org accessed 12/16/2012).
- . 2012e. “Seeing Past Darwin IV: Some Experiments.” *The Best Schools* 4 June posting (online text at www.thebestschools.org accessed 12/16/2012).
- . 2012f. “Seeing Past Darwin V: Life and Emergence.” *The Best Schools* 12 June posting (online text at www.thebestschools.org accessed 12/16/2012).
- . 2012g. “Nagel and Dembski on Life and Mind.” Discovery Institute *Evolution News & Views* for 13 November (online text at evolutionnews.org accessed 12/13/2012).
- Barham, John C.** 1972. “A Discarded Consensus.” *Science* **175** (4 February): 506-511.
- Barik, Jacques, Fabio Marti, Carole Morel, Sebastian P. Fernandez, Christophe Lanteri, Gérard Godeheu, Jon-Pol Tassin, Cédric Mombereau, Philippe Faure, & François Tronche.** 2013. “Chronic Stress Triggers Social Aversion via Glucocorticoid Receptor in Dopaminoceptive Neurons.” *Science* **339** (18 January): 332-335.
- Barillas, Martin.** 2012. “Vanderbilt University unchanged in demanding name change for Christian student groups.” *Spero News* 21 April posting (online text at www.speroforum.com accessed 4/30/2012).
- Barinaga, Marcia.** 1991. “Is Homosexuality Biological?” *Science* **253** (30 August): 956-957.
- . 1994. “To Sleep, Perchance to ... Learn? New Studies Say Yes.” *Science* **265** (29 July): 603-604.
- . 1995. “Focusing on the *eyeless* Gene.” *Science* **267** (24 March): 1766-1767.
- . 1996. “Neurons Put the Uncertainty Into Reaction Times.” *Science* **274** (18 October): 344.
- . 1997. “New Insights Into How Babies Learn Language.” *Science* **277** (1 August): 641.
- . 2000. “A New Look at How Neurons Compute.” *Science* **289** (29 September): 2256-2257.
- . 2002. “Sight, Sound Converge in Owl’s Mental Map.” *Science* **297** (30 August): 1462.
- Barkay, Tamar.** 2010. “Between a Rock and Hot Place: What Do Microbial Genomes Tell Us About the Natural History of the Interactions of Microorganisms With Mercury?” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Barker, Anne.** 2010a. “Khmer Rouge torture chief to appeal: Is he a chameleon or a contrite Christian?” *Yahoo! News* posting 26 July (online text at news.yahoo.com accessed 7/27/2010).
- . 2010b. “400,000 year old teeth challenge evolutionary theory.” *AM* 29 December news transcript posting (online text www.abc.net.au accessed 12/29/2010).
- Barker, Clive S., Irina V. Meshcheryakova, Alla S. Kostyukova, & Fadel A. Samatey.** 2010. “FliO Regulation of FliP in the Formation of the *Salmonella enterica* Flagellum.” *PLoS Genetics* (online @ plosgenetics.org) **6** (September): e1001143.
- Barker, Dan.** 1992. *Losing Faith in Faith: From Preacher To Atheist*. 2006 pb ed. Madison, WI: Freedom From Religion Foundation.
- . 2011. *The Good Atheist: Living a Purpose-Filled Life Without God*. Berkeley, CA: Ulysses Press.
- . 2012. ““This house does not believe in God’.” *Freethought Today* **29** (November): 24.

- Barker, Dan, & Annie Laurie Gaylor.** 2013a. “FFRF combats Hobby Lobby’s disinformation.” *Freedom From Religion Foundation* posting 26 June (online text at www.ffrf.org accessed 7/20/2013).
- . 2013b. “Improper Religious Iconography in Planned Memorial.” *Freedom From Religion Foundation* 14 June letter posting (online pdf at www.ffrf.org accessed 7/25/2013).
- Barker, Dan, Ray Ideus, Annalise Fonza, Jerry DeWitt, Robert Parham, & Teresa MacBain.** 2013. “Faith-free clergy struggle to escape pulpit: FFRF 2012 convention Clergy Project panel discussion.” *Freethought Today* **30** (March): 7-9.
- Barker, Gillian.** 2008. “Biological Levers and Extended Adaptationism.” *Biology and Philosophy* **23** (January): 1-25.
- Barker, Mary.** 2012. “Mitt, Moochers, and Mormonism’s ‘Other’ Legacy.” *Religion Dispatches* 21 September posting (online text at religiondispatches.org accessed 9/25/2012).
- Barker, P. F., & E. Thomas.** 2004. “Origin, signature and palaeoclimatic influence of the Antarctic Circumpolar Current.” *Earth-Science Reviews* **66** (June): 143-162.
- Barker, Stephen, Gregor Knorr, R. Lawrence Edwards, Frédéric Parrenin, Aaron E. Putnam, Luke C. Skinner, Eric Wolff, & Martin Ziegler.** 2011. “800,000 Years of Abrupt Climate Variability.” *Science* **334** (21 October): 347-351.
- Barkla, Bronwyn J., Rosario Vera-Estrella, & Carolyn Raymond.** 2016. “Single-cell-type quantitative proteomic and ionomic analysis of epidermal bladder cells from the halophyte model plant *Mesembryanthemum crystallinum* to identify salt-responsive proteins.” *BMC Plant Biology* (online @ biomedcentral.com) **16** (10 May): 110.
- Barkley-Levenson, Emily, & Adriana Galván.** 2014. “Neural representation of expected value in the adolescent brain.” *Proceedings of the National Academy of Sciences* **111** (28 January): 1646-1651.
- Barkman, Todd J., Gordon Chenery, Joel R. McNeal, James Lyons-Weiler, Wayne J. Ellisens, Gerry Moore, Andrea D. Wolfe, & Claude W. dePamphilis.** 2000. “Independent and combined analyses of sequences from all three genomic compartments converge on the root of flowering plant phylogeny.” *Proceedings of the National Academy of Sciences* **97** (21 November): 13166-13171.
- Barkow, Jerome H.** 2009. “Steps toward convergence: Evolutionary psychology’s saga continues.” *Proceedings of the National Academy of Sciences* **106** (1 September): 14743-14744.
- Barkun, Michael.** 1974. *Disaster and the Millennium*. New Haven, CT: Yale University Press.
- Barley, Shanta.** 2010. “CSI 100 million years BC: oldest mammalian hair found.” *New Scientist* (19 May): online text accessed 3/18/2016 (newscientist.com).
- . 2011. “Real Climate faces libel suit.” *The Guardian* posting 25 February (online text at guardian.co.uk accessed 6/27/2011).
- Barloon, Thomas J., & Russell Noyes Jr.** 1997. “Charles Darwin and panic disorder.” *The Journal of the American Medical Association* **277** (8 January): 138-141.
- Barlow, Connie,** ed. 1994. *Evolution Extended: Biological Debates on the Meaning of Life*. 1995 pb ed. Cambridge, MA: MIT Press.
- . 2001. “Ghost Stories From the Ice Age.” *Natural History* **110** (September): 62-67.
- Barlow, George W.** 2000. *The Cichlid Fishes: Nature’s Grand Experiment in Evolution*. Cambridge, MA: Perseus Publishing.
- Barlow, Kate E., Gareth Jones, & Elizabeth M. Barratt.** 1997. “Can skull morphology be used to predict ecological relationships between bat species? A test using two cryptic species of pipistrelle.” *Proceedings of the Royal Society of London B* (Biological Sciences) **264** (22 November): 1695-1700.
- Barlow, Miriam, & Barry G. Hall.** 2002a. “Predicting Evolutionary Potential: *In Vitro* Evolution Accurately Reproduces Natural Evolution of the TEM β -Lactamase.” *Genetics* **160** (March): 823-832.
- . 2002b. “Phylogenetic Analysis Shows That the OXA β -Lactamase Genes Have Been on Plasmids for Millions of Years.” *Journal of Molecular Evolution* **55** (September): 314-321.
- . 2003a. “Experimental Prediction of the Natural Evolution of Antibiotic Resistance.”

- Genetics* **163** (April): 1237-1241.
- . 2003b. “Experimental Prediction of the Evolution of Cefepime Resistance From the CMY-2 AmpC β -Lactamase.” *Genetics* **164** (May): 23-29.
- Barluenga, Marta, Kai N. Stölting, Walter Salzburger, Moritz Muschick, & Axel Meyer.** 2006. “Sympatric speciation in Nicaraguan crater lake cichlid fish.” *Nature* **439** (9 February): 719-723.
- Bar-Maor, J. A., K. M. Kesner, & J. K. Kaftori.** 1980. “Human Tails.” *The Journal of Bone and Joint Surgery* **62-B** (November): 508-510.
- Barna.** 2011a. “Christian Preferences for 2012 Republican Nomination.” *Barna Group* posting 3 March (online text at www.barna.org accessed 10/7/2011).
- . 2011b. “Six Reasons Young Christians Leave Church.” *Barna Group* posting 28 September (online text at www.barna.org accessed 10/7/2011).
- Barna, Maria.** 2013. “Ribosomes take control.” *Proceedings of the National Academy of Sciences* **110** (2 January): 9-10.
- Barnard, Anne.** 2015. “ISIS Destroys Triumphal Arches in Palmyra, Syria.” *The New York Times* posting 5 October: online text accessed 10/5/2015 (www.nytimes.com).
- Barnard, Neal D., & Stephen R. Kaufman.** 1997. “Animal Research is Wasteful and Misleading.” *Scientific American* **276** (February): 80-82.
- Barnby, Joseph M., Neil W. Bailey, Richard Chambers, & Paul B. Fitzgerald.** 2015. “How similar are the changes in neural activity resulting from mindfulness practice in contrast to spiritual practice?” *Consciousness and Cognition* **36** (November): 219-232.
- Barnes, David K. A.** 2002. “Clade Perseverance From Mesozoic to Present: a Multidisciplinary Approach to Interpretation of Pattern and Process.” *The Biological Bulletin* **203** (October): 161-172.
- Barnes, David K. A., & Mathew H. Dick.** 2000. “Overgrowth Competition Between Clades: Implications for Interpretation of the Fossil Record and Outgrowth Indices.” *The Biological Bulletin* **199** (August): 85-94.
- Barnes, Jennifer L., Tyler Hill, Melanie Langer, Margaret Martinez, & Laurie R. Santos.** 2008. “Helping behaviour and regard for others in capuchin monkeys (*Cebus apella*).” *Royal Society Biology Letters* **4** (December): 638-640.
- Barnes, M. Elizabeth, & Sara E. Brownwell.** 2016. “Practices and Perspectives of College Instructors on Addressing Religious Beliefs When Teaching Evolution.” *CBE—Life Sciences Education* (AKA *Cell Biology Education*) **15** (Summer): 1-19.
- Barnes, M. Elizabeth, James Elser, & Sara E. Brownell.** 2017. “Impact of a Short Evolution Module on Students’ Perceived Conflict between Religion and Evolution.” *The American Biology Teacher* **79** (February): 104-111.
- Barnes, Peter.** 2007. “C.S. Lewis and evolution.” *Creation Ministries International* posting 27 April (online text at creation.com accessed 1/24/2013).
- Barnes, R. S. K., P. Calow, P. J. W. Olive, D. W. Golding, & J. I. Spicer.** 2001. *The Invertebrate: A Synthesis*. 3rd ed. Oxford: Blackwell Science.
- Barnes, Ralph M.** 2014. “The Core Conflict Between Creationism and Evolution.” *Skeptic* **19** (4): 49-53.
- Barnes, Steve.** 2005. “Dinosaurs for Creationists.” *Time* posting 2 May: online text accessed 8/5/2013 (www.time.com).
- Barnes, T. D.** 1968. “Legislation Against the Christians.” *The Journal of Roman Studies* **58** (1-2): 32-50.
- Barnes, Thomas G.** 1982. “No. 110—Young Age for the Moon and Earth.” *Institute for Creation Research Impact* (August): i-iv.
- Barnett, Austin A., & Richard H. Thomas.** 2013. “Posterior Hox gene reduction in an arthropod: *Ultrabithorax* and *Abdominal- β* are expressed in a single segment in the mite *Archezogetes longisetosus*.” *EvoDevo* (online @ evodevojournal.com) **4** (August): 23.
- Barnett, Barbra.** 2013. “Hey You! Anti-Semite!: A Jewish Krewe does Mardi Gras.” *Religion Dispatches* 8 February posting (online text at religiondispatches.org accessed 2/16/2013).
- Barnett, Brendon.** 2011. “Louis Pasteur: A Religious Man?” *Pasteur Brewing* 31 May posting

- (online text at www.pasteurbrewing.com accessed 7/9/2014).
- Barnett, Jeanie, & Lanny H. Fisk.** 1980. "Palynology and Paleoecology of a Sedimentary Interbed in the Yakima Basalt (Miocene), Palouse Falls, Washington." *Northwest Science* **54** (November): 259-278.
- Barnhart, Melissa.** 2013. "Pensacola Christian College Sues Former Graduate for \$100,000 Over Domain Name." *The Christian Post* (1 April): online text accessed 2/17/2014 (christianpost.com).
- . 2014. "College Student Denied Admission Into Program Because He Said God Is Most Important in His Life." *The Christian Post* (25 April): online text accessed 11/25/2014 (christianpost.com).
- Barnosky, Anthony D.** 2005. "Effects of Quaternary Climatic Change on Speciation in Mammals." *Journal of Mammalian Evolution* **12** (June): 247-264.
- . 2014. *Dodging Extinction: Power, Food, Money, and the Future of Life on Earth*. Berkeley, CA: University of California Press.
- Barnosky, Anthony D., Emily L. Lindsey, Natalia A. Villavicencio, Enrique Bostelmann, Elizabeth A. Hadley, James Wanket, & Charles R. Marshall.** 2016. "Variable impact of late-Quaternary megafaunal extinction in causing ecological state shifts in North and South America." *Proceedings of the National Academy of Sciences* **113** (26 January): 856-861.
- Barnosky, Anthony D., Nicholas Matzke, Susumu Tomiya, Guinevere O. U. Wogan, Brian Swartz, Tiago B. Quental, Charles Marshall, Jenny L. McGuire, Emily L. Lindsey, Kaitlin C. Maguire, Ben Mersey, & Elizabeth A. Ferrer.** 2011. "Has the Earth's sixth mass extinction already arrived?" *Nature* **471** (3 March): 51-57.
- Barns, Susan M., Charles F. Delwiche, Jeffrey D. Palmer, & Norman R. Pace.** 1996. "Perspectives on archaeal diversity, thermophily and monophyly from environmental rRNA sequences." *Proceedings of the National Academy of Sciences* **93** (20 August): 9188-9193.
- Barolo, Scott.** 2016. "How to tune an enhancer." *Proceedings of the National Academy of Sciences* **113** (7 June): 6330-6331.
- Baron, Jason M., John M. Higgins, & Walter H. Dzik.** 2011. "A Revised Timeline for the Origin of *Plasmodium falciparum* as a Human Pathogen." *Journal of Molecular Evolution* **73** (December): 297-304.
- Baron, Jonathan, Ilana Ritov, & Joshua D. Greene.** 2013. "The Duty to Support Nationalistic Policies." *Journal of Behavioral Decision Making* **26** (April): 128-138.
- Baron, Matthew G., David B. Norman, & Paul M. Barrett.** 2017. "A new hypothesis of dinosaur relationships and early dinosaur evolution." *Nature* **543** (23 March): 501-506.
- Baron, Miron.** 1993. "Genetic linkage and male homosexual orientation." *British Medical Journal* **307** (7 August): 337-338.
- Barona-Gómez, Francisco, & David A. Hodgson.** 2003. "Occurrence of a putative ancient-like isomerase involved in histidine and tryptophan biosynthesis." *EMBO Reports* **4** (March): 296-300.
- Baronchelli, Andrea, Tao Gong, Andrea Puglisi, & Victoria Loreto.** 2010. "Modeling the emergence of universality in color naming patterns." *Proceedings of the National Academy of Sciences* **107** (9 February): 2403-2407.
- Baron-Cohen, Simon.** 1998. "Does Autism Occur More Often in Families of Physicists, Engineers, and Mathematicians?" *Autism* **2** (September): 296-301.
- Baron-Cohen, Simon, Emma Ashwin, Chris Ashwin, Teresa Tavassoli, & Bhismadev Chakrabarti.** 2009. "Talent in autism: hyper-systemizing, hyper-attention to detail and sensory hypersensitivity." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1377-1383.
- Baron-Cohen, Simon, Sally Wheelwright, Richard Skinner, Joanne Martin, & Emma Clubley.** 2001. "The Autism-Spectrum Quotient (AQ): Evidence from Asperger Syndrome/High-Functioning Autism, Males and Females, Scientists and Mathematicians." *Journal of Autism and Developmental Disorders* **31** (February): 5-17.
- Baron-Cohen, Simon, Sally Wheelwright, Valerie Stone, & Melissa Rutherford.** 1999. "A

- mathematician, a physicist and a computer scientist with Asperger syndrome: Performance on folk psychology and folk physics tests.” *Neurocase* **5** (November): 475-483.
- Baron-Cohen, Simon, Sally Wheelwright, Carol Stott, Patrick Bolton, & Ian Goodyer.** 1997. “Is There a Link between Engineering and Autism?” *Autism* **1** (July): 101-109.
- Baroux, Célia, Ales Pecinka, Jörg Fuchs, Ingo Schubert, & Ueli Grossniklaus.** 2007. “The Triploid Endosperm Genome of Arabidopsis Adopts a Peculiar, Parental-Dosage-Dependent Chromatin Organization.” *The Plant Cell* **19** (June): 1782-1794.
- Baroux, Célia, Charles Spillane, & Ueli Grossniklaus.** 2002. “Evolutionary origins of the endosperm in flowering plants.” *Genome Biology* (online @ genomebiology.com) **3** (30 August): 1026.
- Bar-Oz, Guy, Lior Weissbrod, & Ella Tsahar.** 2014. “Cats in recent Chinese study on cat domestication are commensal, not domesticated.” *Proceedings of the National Academy of Sciences* **111** (11 March): E876.
- Barr, Stephen M.** 2001. “Anthropic Coincidences.” *First Things* (June/July): 17-23.
- . 2003. *Modern Physics and Ancient Faith*. Notre Dame, IN: University of Notre Dame Press.
- . 2009. “Absolutely Clueless About Relativity.” *First Things First Thoughts* posting 6 November (online text at *firstthings.com* accessed 11/9/2013).
- . 2010. “The End of Intelligent Design?” *First Things On the Square* posting 9 February (online text at *firstthings.com* accessed 2/14/2010).
- . 2013. “Evolutionary Theory and Reality: A Response to Seagrave.” *The Witherspoon Institute* 10 June posting (online text at *www.thepublicdiscourse.com* accessed 10/5/2015).
- Barracough, D. R., J. M. Harwood, B. R. Lenton, & S. R. C. Malin.** 1975. “A Model of the Geomagnetic Field at Epoch 1975.” *Geophysical Journal International (AKA Geophysics Journal of the Royal Astronomical Society)* **43** (December): 645-659.
- Barracough, Timothy G., & Aelys M. Humphreys.** 2015. “The evolutionary reality of species and higher taxa in plants: a survey of post-modern opinion and evidence.” *New Phytologist* **207** (July): 291-296.
- Barracough, Timothy G., & Sean Nee.** 2001. “Phylogenetics and speciation.” *Trends in Ecology & Evolution* **16** (July): 391-399.
- Barracough, Timothy G., & Vincent Savolainen.** 2001. “Evolutionary Rates and Species Diversity in Flowering Plants.” *Evolution* **55** (April): 677-683.
- Barras, Colin.** 2011. “Industrial revolution sealed Neanderthals’ fate.” *New Scientist* (28 July): online text accessed 8/21/2014 (*newscientist.com*).
- . 2012. “Russian hot springs point to rocky origins for life.” *New Scientist* (13 February): online text accessed 2/21/2016 (*newscientist.com*).
- Barrat, Jean-Alix, & Akira Yamaguchi.** 2014. “Comment on ‘The origin of eucrites, diogenites, and olivine diogenites: Magma ocean crystallization and shallow magma chamber processes on Vesta’ by B. E. Mandler and L. T. Elkins-Tanton.” *Meteoritics & Planetary Science* **49** (March): 468-472.
- Barrat, J. A., A. Yamaguchi, R. C. Greenwood, M. Bohn, J. Cotten, M. Benoit, & I. A. Franchi.** 2007. “The Stannern trend eucrites: Contamination of main group eucritic magmas by crustal partial melts.” *Geochimica et Cosmochimica Acta* **71** (15 August): 4108-4124.
- Barratt, E. M., R. Deaville, T. M. Burland, M. W. Bruford, G. Jones, P. A. Racey, & R. K. Wayne.** 1997. “DNA answers call of pipistrelle bat species.” *Nature* **387** (8 May): 138-139.
- Barraud, Pierre, & Frédéric H.-T. Allain.** 2012. “ADAR Proteins: Double-stranded RNA and Z-DNA Binding Domains.” *Current Topics in Microbiology and Immunology* **353**: 35-60.
- Barreda, V. D., L. Palazzesi, M. C. Telleria, L. Katinas, J. V. Crisci, K. Bremer, M. G. Passalia, R. Cursolini, R. Rodriguez Brizuela, & F. Bechis.** 2010. “Eocene Patagonia Fossils of the Daisy Family.” *Science* **329** (24 September): 1621.
- Barreda, Viviana D., Luis Palazzesi, Maria C. Telleria, Eduardo B. Olivero, J. Ian Raine, & Félix Forest.** 2015. “Early evolution of the angiosperm clade Asteraceae in the Cretaceous

- of Antarctica.” *Proceedings of the National Academy of Sciences* **112** (1 September): 10989-10994.
- . 2016. “Reply to Panero: Robust phylogenetic placement of fossil pollen grains: The case of Asteraceae.” *Proceedings of the National Academy of Sciences* **113** (26 January): E412.
- Barreiro, Luis, Guillaume Laval, Hélène Quach, Etienne Patin, & Lluís Quintana-Murci.** 2008. “Natural selection has driven population differentiation in modern humans.” *Nature Genetics* **40** (March): 340-345.
- Barrell, Ryan.** 2015. “Christian Parent Thrown Off Mumsnet For Anti-Dinosaur Rant.” *Huffington Post UK* posting 12 February (online text at huffingtonpost.com accessed 2/13/2015).
- Barrett, Anthony.** 1989. *Caligula: The Corruption of Power*. 1990 US ed. New Haven, CT: Yale University Press.
- Barrett, H. Clark.** 2012. “A hierarchical model of the evolution of human brain specializations.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10733-10740.
- Barrett, H. Clark, Alexander Bolyanatz, Alyssa N. Crittenden, Daniel M. T. Fessler, Simon Fitzpatrick, Michael Gurven, Joseph Henrich, Martin Kanovsky, Geoff Kushnick, Anne Pisor, Brooke A. Scelza, Stephen Stich, Chris von Rueden, Wanying Zhao, & Stephen Laurence.** 2016. “Small-scale societies exhibit fundamental variation in the role of intentions in moral judgment.” *Proceedings of the National Academy of Sciences* **113** (26 April): 4688-4693.
- Barrett, H. Clark, Willem E. Frankenhuis, & Andreas Wilke.** 2008. “Adaptation to moving targets: Culture/gene coevolution, not either/or.” *Behavioral and Brain Sciences* **31** (5): 511-512.
- Barrett, Justin L., Rebekah A. Richert, & Amanda Driesenga.** 2001. “God’s Beliefs versus Mother’s: The Development of Nonhuman Agent Concepts.” *Child Development* **72** (January/February): 50-65.
- Barrett, Louise.** 2008. “Out of their heads: Turning relational reinterpretation inside out.” *Behavioral and Brain Sciences* **31** (April): 135-136.
- Barrett, Louise, Peter Henzi, & Drew Rendall.** 2007. “Social brains, simple minds: does social complexity really require cognitive complexity?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **362** (April): 561-575.
- Barrett, M. J.** 1957. “Dental observations on Australian aborigines: tooth eruption sequence.” *Australian Dental Journal* **2** (August): 217-227.
- Barrett, Paul M.** 2000. “Evolutionary consequences of dating the Yixian Formation.” *Trends in Ecology & Evolution* **15** (March): 99-103.
- Barrett, Paul M., David C. Evans, & Nicolás E. Campione.** 2015. “Evolution of dinosaur epidermal structures.” *Royal Society Biology Letters* **11** (June): 20150229.
- Barrett, P. M., & S. E. Evans,** eds. 2006. *Ninth International Symposium on Mesozoic Terrestrial Ecosystems and Biota*. London: Natural History Museum.
- Barrett, Rowan D. H., Sean M. Rogers, & Dolph Schluter.** 2008. “Natural Selection on a Major Armor Gene in Threespine Stickleback.” *Science* **322** (10 October): 255-257.
- Barrett, Scott.** 2011. “Avoiding disastrous climate change is possible but not inevitable.” *Proceedings of the National Academy of Sciences* **108** (19 July): 11733-11734.
- Barrett, Spencer C. H.** 2014. “TV.8 Evolution of Mating Systems: Outcrossing versus Selfing,” in Losos *et al.* (2014, 356-362).
- Barrett, Stephen.** 2001. “L. Sprague de Camp: Erudite Writer on Archaeology, Ancient Engineering, and Pseudoscience (and Science Fiction Too).” *Skeptical Inquirer* **25** (March/April): 6-7.
- . 2007. “Court Orders Columbia Pacific University to Cease Operating Illegally in California.” *Quackwatch* 5 October revised posting (online text at www.quackwatch.org accessed 11/2/2013).
- . 2012. “Nonrecommended Periodicals.” *Quackwatch* 12 March revised posting (online text at www.quackwatch.org accessed 1/2/2014).
- Barrett-Fox, Rebecca.** 2013. “Duck Dynasty Patriarch, Hero of Christian Right.” *Religion*

- Dispatches* 23 December posting (online text at *religiondispatches.org* accessed 12/31/2013).
- Barribeau, Tim.** 2012. “New study proves *Jurassic Park* could never happen.” *io9* 11 November posting (online text at *www.io9.com* accessed 7/27/2014).
- Barricelli, Nils Aall.** 1981. “On the origin and evolution of the genetic code. III. Transition from a binary to a quarternary alphabet system. The introduction of hereditary DNA.” *Evolutionary Theory* 5 (September): 233-241.
- Barrick, Audrey.** 2010. “Challenge Against ‘In God We Trust’ Display Thrown Out.” *The Christian Post* (2 October): online text accessed 5/2/2011 (*christianpost.com*).
- . 2012. “Ohio High Court to Hear Case of Fired Christian Teacher.” The Rutherford Institute *TRI in the News* posting *The Christian Post* (2 October) article (online text at *www.rutherford.org* accessed 1/9/2014).
- Barrick, Jeffrey E., Keith A. Corbino, Wade C. Winkler, Ali Nahvi, Maumita Mandal, Jennifer Collins, Mark Lee, Adam Roth, Narasimhan Sudarsan, Inbal Jona, J. Kenneth Wickiser, & Ronald R. Breaker.** 2004. “New RNA motifs suggest an expanded scope for riboswitches in bacterial genetic control.” *Proceedings of the National Academy of Sciences* 101 (27 April): 6421-6426.
- Barrick, Jeffrey E., Mark R. Kauth, Christopher C. Strelhoff, & Richard E. Lenski.** 2010. “*Escherichia coli rpoB* Mutants Have Increased Evolvability in Proportion to Their Fitness Defects.” *Molecular Biology and Evolution* 27 (June): 1338-1347.
- Barrick, Jeffrey E., & Richard E. Lenski.** 2013. “Genome dynamics during experimental evolution.” *Nature Reviews Genetics* 14 (December): 827-839.
- Barrick, Jeffrey E., Dong Su Yu, Sung Ho Yoon, Haeyoung Jeong, Tae Kwang Oh, Dominique Schneider, Richard E. Lenski, & Jihyun F. Kim.** 2009. “Genome evolution and adaptation in a long-term experiment with *Escherichia coli*.” *Nature* 461 (29 October): 1243-1247.
- Barrier, Marianne, Robert H. Robichaux, & Michael D. Purugganan.** 2001. “Accelerated regulatory gene evolution in an adaptive radiation.” *Proceedings of the National Academy of Sciences* 98 (28 August): 10208-10213.
- Barriopedro, David, Erich M. Fischer, Jürg Luterbacher, Ricardo M. Trigo, & Ricardo Garcia-Herrera.** 2011. “The Hot Summer of 2010: Redrawing the Temperature Record Map of Europe.” *Science* 332 (8 April): 220-224.
- Barron, Andrew B., & Colin Klein.** 2016. “What insects can tell us about the origins of consciousness.” *Proceedings of the National Academy of Sciences* 113 (3 May): 4900-4908.
- Barron, Eric J.** 2011. “FSU advisory board, appointed by Koch foundation, isn’t hurting academic freedom.” *St. Petersburg Times* posting 12 May: online text accessed 5/17/2011 (*www.tampabay.com*).
- Barron, Laurence D.** 1994. “Can a Magnetic Field Induce Absolute Asymmetric Synthesis?” *Science* 266 (2 December): 1491-1492.
- . 2000. “Chirality, magnetism and light.” *Nature* 405 (22 June): 895-896.
- Barrow, Bill.** 2008. “Panel OKs bill on science texts.” *Times-Picayune* (New Orleans) 18 April posting (online text at *www.nola.com* accessed 2/17/2011).
- Barrow, John D.** 2000. *The Book of Nothing: Vacuums, Voids, and the Latest Ideas about the Origins of the Universe*. New York: Pantheon Books.
- . 2002. *The Constants of Nature: From Alpha to Omega—the Numbers That Encode the Deepest Secrets of the Universe*. New York: Pantheon Books.
- . 2011. *The Book of Universes: Exploring the Limits of the Cosmos*. New York: W. W. Norton & Co.
- Barry, Carolyn.** 2007. “Rolling Back the Years.” *Science News* 172 (1 December): 344-345.
- Barry, Caswell, & Christian F. Doeller.** 2013. “3D Mapping in the Brain.” *Science* 340 (19 April): 279-280.
- Barry, Guy, & John S. Mattick.** 2012. “The role of regulatory RNA in cognitive evolution.” *Trends in Cognitive Sciences* 16 (October): 497-503.

- Barry, John M.** 2012. “God, Government and Roger Williams’ Big Idea.” *Smithsonian* (January): 72, 74-76, 78-80, 82, 84, 86, 88, 90.
- Barsbold, Rinchen, Philip J. Currie, Nathan P. Myhrvold, Halszka Osmólska, Khishigjaw Tsogtbaatar, & Mahito Watabe.** 2000. “A pygostyle from a non-avian theropod.” *Nature* **403** (13 January): 155-156.
- Barsbold, Rinchen, & Halszka, Osmólska.** 1999. “The skull of *Velociraptor* (Theropoda) from the Late Cretaceous of Mongolia.” *Acta Palaeontologica Polonica* **44** (2): 189-219.
- Barsbold, Rinchen, Halszka, Osmólska, Mahito Watabe, Philip J. Currie, & Khishigjaw Tsogtbaatar.** 2000. “A new oviraptorosaur (Dinosauria, Theropoda) from Mongolia: The first dinosaur with a pygostyle.” *Acta Palaeontologica Polonica* **45** (2): 97-106.
- Barsh, Gregory S., & Leif Andersson.** 2013. “Detecting selection.” *Nature* **495** (21 March): 325-326.
- Barshis, Daniel J., Jason T. Ladner, Thomas A. Oliver, François O. Seneca, Nikki Traylor-Knowles, & Stephen R. Palumbi.** 2013. “Genomic basis for coral resilience to climate change.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1387-1392.
- Barske, J., L. Fusani, M. Wikelski, N. Y. Feng, M. Santos, & B. A. Schlinger.** 2014. “Energetics of the acrobatic courtship in male golden-collared manakins (*Manacus vitellinus*.)” *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (7 February): 20132482.
- Bartel, David P.** 1999. “Creation and Evolution of New Ribozymes.” *The Biological Bulletin* **196** (June): 322-323.
- Bartel, David P., & Jack W. Szostak.** 1993. “Isolation of New Ribozymes from a Large Pool of Random Sequences.” *Science* **261** (10 September): 1411-1418.
- Bartell, Tonya Gau.** 2010. “Learning to Teach Mathematics for Social Justice: Negotiating Social Justice and Mathematical Goals.” National Council of Teachers of Mathematics *Journal for Research in Mathematics Education* posting (online pdf at www.nctm.org accessed 10/24/2011).
- Bartels-Rausch, Thorsten.** 2013. “Ten things we need to know about ice and snow.” *Nature* **494** (7 February): 27-29.
- Bartel, Karen E.** 1994. “On the Till-Hovind Debate.” *Holy Smoke* revised posting of *The Skeptical Review* (Winter 1993-1994) article (online text at www.holysmoke.org accessed 1/31/2002).
- . 1997. “A Visit to the Institute for Creation Research.” *Reports of the National Center for Science Education* **17** (November-December): 6-7.
- . 1998. “Changing the Public’s Perception of Evolution—Christian Origins of Evolutionary Thought.” *Reports of the National Center for Science Education* **18** (January-February): 12-15, 18.
- . 1999. “A Scientist Responds to Behe’s ‘Black Box’.” *Reports of the National Center for Science Education* **19** (September-October): 34-35.
- . 2000a. “Evolution.” *Reports of the National Center for Science Education* **20** (May-June): 38-39.
- . 2000b. “The Dissertation Kent Hovind Doesn’t Want You to Read.” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 1/15/2014).
- . 2001. “Dr. Dino’s ‘Fractured Fairy Tales of Science’ A Response to Kent Hovind’s Coast-to-Coast AM interview: August 2-3, 2000.” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 1/11/2014).
- . 2004. “Debates: The Drive-By Shootings of Critical Thinking.” *Reports of the National Center for Science Education* **24** (November-December): 30-31.
- Barthelme, Dominik, Stephanie Dinkelaker, Sonja-Verena Albers, Paola Londei, Ulrich Ermler, & Robert Tampé.** 2011. “Ribosome recycling depends on a mechanistic link between the FeS cluster domain and a conformational switch of the twin-ATPase ABCE1.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3228-3233.
- Barthelme, Dominik, & Robert T. Sauer.** 2012. “Identification of the Cdc48-20S Proteasome as an Ancient AAA+ Proteolytic Machine.” *Science* **337** (17 August): 843-846.

- Barthelmé, Simon, & Pascal Mamassian.** 2010. “Flexible mechanisms underlie the evaluation of visual confidence.” *Proceedings of the National Academy of Sciences* **107** (30 November): 20834-20839.
- Bartholomew, Robert E., & Benjamin Radford,** eds. 2003. *Hoaxes, Myths, and Manias: Why We Need Critical Thinking*. Amherst, NY: Prometheus Books.
- Bartl, Simona, Meredith Baish, Irving Weissman, & Marilyn Diaz.** 2003. “Did the Molecules of Adaptive Immunity Evolve from the Innate Immune System?” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (April): 338-346.
- Bartl, Simona, David Baltimore, & Irving L. Weissman.** 1994. “Molecular evolution of the vertebrate immune system.” *Proceedings of the National Academy of Sciences* **91** (8 November): 10769-10770.
- Bartlett, Annie, Glenn Smith, & Michael King.** 2009. “The response of mental health professionals to clients seeking help to change or redirect same-sex sexual orientation.” *BMC Psychiatry* (online @ biomedcentral.com) **9** (26 March): 11.
- Bartlett, Bruce.** 2011. “Inside the Cain Tax Plan.” *The New York Times Economix* blog posting 11 October (online text at economix.blogs.nytimes.com accessed 10/13/2011).
- Bartlett, James G., Alain Blanchard, Joseph Silk, & Michael S. Turner.** 1995. “The Case for a Hubble Constant of 30 km s⁻¹ Mpc⁻¹.” *Science* **267** (17 February): 980-983.
- Bartlett, John G., & Richard D. Moore.** 1998. “Improving HIV Therapy.” *Scientific American* **279** (July): 84-87, 89, 91-93.
- Bartlett, Jonathan.** 2009. “Towards a Creationary Classification of Mutations.” *Answers in Genesis Answers Research Journal* **2**: 169-174.
- . 2010a. “Irreducible Complexity and Relative Irreducible Complexity: Foundations and Applications.” *Occasional Papers of the Baraminology Study Group* (online @ bryancore.org) No. 15: 1-10.
- . 2010b. “Responding to Merlin’s Defense of Darwinism--Introduction.” *Uncommon Descent* posting 5 September under **johnnyb** (online text at uncommondescent.com accessed 7/11/2011).
- . 2010c. “Responding to Merlin Part I—How Merlin’s Paper Validates Several Claims of the ID Movement.” *Uncommon Descent* posting 5 September under **johnnyb** (online text at uncommondescent.com accessed 7/11/2011).
- . 2010d. “Responding to Merlin Part II—What Makes an Evolutionary Process Darwinian or Now?” *Uncommon Descent* posting 6 September under **johnnyb** (online text at uncommondescent.com accessed 7/11/2011).
- . 2010e. “Responding to Merlin Part III—Merlin’s Delineation Between Darwinian and non-Darwinian Mutations and How It Falls Short.” *Uncommon Descent* posting 7 September under **johnnyb** (online text at uncommondescent.com accessed 7/11/2011).
- . 2010f. “Responding to Merlin Part IV—A Clear Picture of a Directed Mutation.” *Uncommon Descent* posting 11 September under **johnnyb** (online text at uncommondescent.com accessed 7/11/2011).
- . 2012a. “Is Nature Presenting the Whole Story about South Korea?” *Uncommon Descent* posting 5 June under **johnnyb** (online text at uncommondescent.com accessed 6/6/2012).
- . 2012b. “Figuring put the Root of the Matter.” *Answers in Genesis* 17 July *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012c. “Can Mutations Add Information?” *Creation Research Society Creation Matters* (November/December): 9-10.
- Bartlett, Madelaine E., & Chelsea D. Specht.** 2011. “Changes in expression pattern of the *TEOSINTE BRANCHEDI*-like genes in the Zingiberales provide a mechanism for evolutionary shifts in symmetry across the order.” *American Journal of Botany* **98** (February): 227-243.
- Bartlett, Tom.** 2010. “Document Sheds Light on Investigation at Harvard.” *The Chronicle of Higher Education* posting 19 August: online text accessed 9/2/2010 (chronicle.com).
- . 2012a. “A Year After the Non-Apocalypse: Where Are They Now?” *Religion Dispatches*

- 18 May posting (online text at *religiondispatches.org* accessed 5/22/2012).
- . 2012b. “Controversial Gay-Parenting Study is Severely Flawed, Journal’s Audit Finds.” *The Chronicle of Higher Education* posting 26 July: online text accessed 7/30/2012 (*chronicle.com*).
- . 2013. “Megachurch Pastor: We’re ‘American Al Qaeda’ for Opposing Homosexuality.” *Religion Dispatches* 3 February posting (online text at *religiondispatches.org* accessed 2/4/2013).
- Bartlett, Tom.** 2012. “Times of Recession.” *Answers in Genesis 24 April Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at *answersingenesis.org* accessed 12/15/2015).
- Bartnik, Eckart, Mary Osborn, & Klaus Weber.** 1985. “Intermediate Filaments in Non-Neuronal Cells of Invertebrates: Isolation and Biochemical Characterization of Intermediate Filaments from the Esophageal Epithelium of the Mollusc *Helix pomatia*.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **101** (1 August): 427-440.
- Bartolomé, Miguel, Ana Moreno, Carlos Sancho, Heather M. Stoll, Isabel Cacho, Christoph Spötl, Ánchel Belmonte, R. Lawrence Edwards, Hai Cheng, & John C. Hellstrom.** 2015. “Hydrological change in Southern Europe responding to increasing North Atlantic overturning during Greenland Stadial 1.” *Proceedings of the National Academy of Sciences* **112** (26 May): 6568-6572.
- Barton, Brian, Andrew Treister, Melanie Humphrey, Garen Abedi, Steven C. Cramer, & Alyssa A. Brewer.** 2014. “Paradoxical visuomotor adaptation to reversed visual input if predicted by BDNF Val⁶⁶Met polymorphism.” *Journal of Vision* **14** (7 August): 1-13.
- Barton, Brian, Jonathan H. Venezia, Kouros Saberi, Gregory Hickok, & Alyssa A. Brewer.** 2012. “Orthogonal acoustic dimensions define auditory field maps in human cortex.” *Proceedings of the National Academy of Sciences* **109** (11 December): 20738-20743.
- Barton, David.** 2000. “Treaty of Tripoli.” *WallBuilders* January posting (online text at *wallbuilders.com* accessed 8/25/2010).
- . 2001a. “‘A Death-Struggle Between Two Civilizations’.” *Regent University Law Review* **13** (Spring): 297-354.
- . 2001b. “A Summary of the Truths that Transform Radio Program Aired on July 9-10, 2001: The Myth of Separation.” Coral Ridge Ministries posting (online text at *www.coralridge.org* accessed 10/15/2002, not available as of 1/8/2014).
- . 2002a. “David Barton Testimony in the Kansas House 1:30PM Tues Apr 3rd School Prayer Amendment – By wire.” *The Errant Skeptics Research Institute* posting (online text at *www.errantskeptics.org* accessed 10/15/2002, not available as of 1/8/2014).
- . 2002b. “Helpful Links.” *WallBuilders* posting (online text at *wallbuilders.com* accessed 10/15/2002).
- . 2002c. “Unconfirmed Quotations.” *WallBuilders* posting (online text at *wallbuilders.com* accessed 10/15/2002).
- . 2003. “The Image and the Reality: Thomas Jefferson and the First Amendment.” *Notre Dame Journal of Law, Ethics & Public Policy* **17** (2): 399-459.
- . 2007. “Testimony of David Barton on Global Warming.” *WallBuilders* posting (online text at *wallbuilders.com* accessed 8/25/2010).
- . 2008. “The Founding Fathers on Creation and Evolution.” *WallBuilders* posting (online text at *wallbuilders.com* accessed 8/25/2010).
- . 2011. “John Locke—A Philosophical Founder of America.” *WallBuilders* 23 September posting (online text at *wallbuilders.com* accessed 8/13/2012).
- . 2012. “America’s Most Biblically-Hostile U. S. President.” *WallBuilders* 29 February posting (online text at *wallbuilders.com* accessed 3/12/2012).
- . 2013a. “No, I’m not wrong.” *World Magazine* posting 22 January (online text at *www.worldmag.com* accessed 1/8/2014).
- . 2013b. “Unconfirmed Quotations.” *WallBuilders* 19 February revised posting (online text at *wallbuilders.com* accessed 1/8/2014).

- . 2013c. “Benjamin Franklin’s Letter to Thomas Paine.” *WallBuilders* undated posting (online text at *wallbuilders.com* accessed 1/8/2014).
- . 2016. “No Professor Fea, The Founders Did *Not* Want Ministers to Stay out of Politics.” *WallBuilders* 31 August posting (online text at *wallbuilders.com* accessed 9/9/2016).
- Barton, Hazel A., Juan G. Giamizzo, Paula Suarez, Charles E. Robertson, Mark J. Broering, Eric D. Banks, Parag A. Vaishampayan, & Kasthisuri Venkateswaran.** 2014. “Microbial diversity in a Venezuelan orthoquartzite cave is dominated by the *Chloroflexi* (Class *Ktedonobacterales*) and *Thaumarchaeota* Group I.1c.” *Frontiers in Microbiology* (online @ *frontiersin.org*) **5** (26 November): 615.
- Barton, Kasey E., & Mick E. Hanley.** 2013. “Seedling-herbivore interactions: insights into plant defence and regeneration patterns.” *Annals of Botany* **112** (August): 643-650.
- Barton, Loukas, Seth D. Newsome, Fa-Hu Chen, Hui Wang, Thomas P. Guilderson, & Robert L. Bettinger.** 2009. “Agricultural origins and the isotopic identity of domestication in northern China.” *Proceedings of the National Academy of Sciences* **106** (7 April): 5523-5528.
- Barton, Lynn.** 2006. “Why intelligent design will change everything.” *WorldNetDaily* (25 March): online text accessed 7/28/2014 (*wnd.com*).
- Barton, Michael D.** 2010. “Quote-Mining: An Old Anti-Evolutionist Strategy.” *Reports of the National Center for Science Education* **30** (November-December): 14-15.
- . 2013. “Darwin quote-mining in latest book from the Discovery Institute.” *The Dispersal of Darwin* 23 May posting (online text at *thedispersalofdarwin.wordpress.com* accessed 8/3/2013).
- Barton, Nicholas H.** 2000. “The Rapid Origin of Reproductive Isolation.” *Science* **290** (20 October): 462-463.
- . 2001. “Speciation.” *Trends in Ecology & Evolution* **16** (July): 325.
- . 2010a. “What role does natural selection play in speciation?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (12 June): 1825-1840.
- . 2010b. “Genetic linkage and natural selection.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (August): 2559-2569.
- Barton, Nicholas H., Sebastian Novak, & Tiago Paixão.** 2014. “Diverse forms of selection in evolution and computer science.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10398-10399.
- Barton, Nicholas H., & Maria Angeles Rodriguez De Cara.** 2009. “The Evolution of Strong Reproductive Isolation.” *Evolution* **63** (May): 1171-1190.
- Barton, Phoebe, Henry Etzkowitz, Stephen F. Gambescia, Paul R. Gross, Norman Levitt, Mary E. Moore, Stephen Miles Sacks, James C. Saunders, William R. Tash, & Riccardo Viale.** 2005. “GOVERNMENT SHOULD NOT MANDATE TEACHING INTELLIGENT DESIGN AS AN ALTERNATIVE TO EVOLUTION.” *SciPolicy* **5** (Fall): online pdf accessed 12/8/2005 (*scipolicy.net*).
- Barton, Robert A., & Isabella Capellini.** 2011. “Maternal investment, life histories, and the costs of brain growth in mammals.” *Proceedings of the National Academy of Sciences* **108** (12 April): 6169-6174.
- Barton, Robert A., & Chris Venditti.** 2013a. “Human frontal lobes are not relatively large.” *Proceedings of the National Academy of Sciences* **110** (28 May): 9001-9006.
- . 2013b. “Reply to Smaers: Getting human frontal lobes in proportion.” *Proceedings of the National Academy of Sciences* **110** (24 September): E3683-E3684.
- Bartsch, Thorsten, Juliane Döhring, Axel Rohr, Olav Jansen, & Günther Deuschl.** 2011. “CA1 neurons in the human hippocampus are critical for autobiographical memory, mental time travel, and autoeotic consciousness.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17562-17567.
- Bartschat, Sebastian, & Tore Samuelsson.** 2010. “U12 type introns were lost at multiple occasions during evolution.” *BMC Genomics* (online @ *biomedcentral.com*) **11** (11 February): 106.
- Barttfeld, Pablo, Lynn Uhrig, Jacobo D. Sitt, Mariano Sigman, Béchir Jarraya, & Stanislas**

- Dehaene.** 2015. “Signature of consciousness in the dynamics of resting state brain activity.” *Proceedings of the National Academy of Sciences* **112** (20 January): 887-892.
- Bartz, Jennifer A., Jamil Zaki, Kevin N. Ochsner, Niall Bolger, Alexander Kolevzon, Natasha Ludwig, & John E. Lydon.** 2010. “Effects of oxytocin on recollections of maternal care and closeness.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21371-21375.
- Baruzzi, Miquel Carandell.** 2013. “Homínidos, dudas y grandes titulares: La controversia del Hombre de Orce en la prensa española (1983-2007).” *Dynamis* **33** (2): 273-279.
- Barve, Aditya, & Andreas Wagner.** 2013. “A latent capacity for evolutionary innovation through exaptation in metabolic systems.” *Nature* **500** (8 August): 203-206.
- Bar-Yaacov, Dan, Amos Bouskila, & Dan Mishmar.** 2013. “The First Chameleon Transcriptome: Comparative Genomic Analysis of the OXPHOS System Reveals Loss of *COX8* in Iguanian Lizards.” *Genome Biology and Evolution* **8** (5 January): 330-344.
- Bar-Yaacov, Dan, Zena Hadjivasilou, Liron Levin, Gilad Barshad, Raz Zarivach, Amos Bouskila, & Dan Mishmar.** 2015. “Mitochondrial Involvement in Vertebrate Speciation? The Case of Mito-nuclear Genetic Divergence in Chameleons.” *Genome Biology and Evolution* **7** (October): 3322-3336.
- Bar-Yosef, Ofer, & Bernard Vandermeersch.** 1993. “Modern Humans in the Levant.” *Scientific American* **268** (April): 94-100.
- Barzegar, Abbas.** 2011. “Who Was Muhammad, Was He Violent?: Teaching Islam Ten Years after 9/11.” *Religion Dispatches* 8 September posting (online text at religiondispatches.org accessed 9/9/2011).
- Barzilai, Maya Gur, Adam M. Reitzel, Johanna E. M. Kraus, Dalia Gordon, Ulrich Technau, Michael Gurevitz, & Yehu Moran.** 2012. “Convergent Evolution of Sodium Ion Selectivity in Metazoan Neuronal Signaling.” *Cell Reports* **2** (26 July): 242-248.
- Bascomb, Bobby.** 2015. “Rethinking the Rise of Mammals.” *The Scientist* posting 16 November (online text at the-scientist.com accessed 11/17/2015).
- Bascompte, Jordi.** 2009. “Disentangling the Web of Life.” *Science* **325** (24 July): 416-419.
- Baden, Alison M., Gavin C. Young, Michael I. Coates, & Alex Ritchie.** 2000. “The most primitive osteichthyan braincase?” *Nature* **403** (13 January): 185-188.
- Basener, William F.** 2013. “Limits of Chaos and Progress in Evolutionary Dynamics,” in Marks *et al.* (2013a, 87-104).
- Basenese, Louis.** 2013. “Could this be America’s Last Lifeline?” *Townhall Daily* for 4 December (online text via townhall.com accessed 12/4/2013).
- Basheer, Atia, Chris S. Haley, Andy Law, Dawn Windsor, David Morrice, Richard Talbot, Peter W. Wilson, Peter J. Sharp, & Ian C. Dunn.** 2015. “Genetic loci inherited from hens lacking maternal behaviour both inhibit and paradoxically promote this behaviour.” *Genetics Selection Evolution (AKA Annales de Génétique et de Sélection Animale)* **47** (30 December): 100.
- Bashford, J. D., I. Tsohantjis, & P. D. Jarvis.** 1998. “A supersymmetric model for the evolution of the genetic code.” *Proceedings of the National Academy of Sciences* **95** (3 February): 987-992.
- Bashforth, Arden R., & William A. DiMichele.** 2012. “Permian Coal Forest offers a glimpse of late Paleozoic ecology.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4717-4718.
- Basile, B., A. Lazcano, & J. Oró.** 1984. “Prebiotic Synthesis of Purines and Pyrimidines.” *Advances in Space Research* **4** (12): 125-131.
- Basile, Isabelle, Jean Robert Petit, Stéphanie Tournon, Francis E. Grousset, & Nartsiss Barkov.** 2001. “Volcanic layers in Antarctic (Vostok) ice cores: Source identification and atmospheric implications.” *Journal of Geophysical Research* **106** (16 December): 31915-31931.
- Baskerville, Scott, & David P. Bartel.** 2002. “A ribozyme that ligates RNA to protein.” *Proceedings of the National Academy of Sciences* **99** (9 July): 9154-9159.
- Baskett, Carina.** 2015. “BEACON Researchers at Work: Outreach in the lion’s den—An

- evolutionary biologist at a creationist conference.” *BEACON An NSF Center for the Study of Evolution in Action* 9 February posting (online text at beacon-center.org accessed 2/9/2015).
- Baskin-Sommers, Arielle, Allison M. Stuppy-Sullivan, & Joshua W. Buckholtz.** 2016. “Psychopathic individuals exhibit but do not avoid regret during counterfactual decision making.” *Proceedings of the National Academy of Sciences* **113** (13 December): 14438-14443.
- BAS Library.* 2006. “New Finds.” *Biblical Archaeology Society* posting (online text at members.bib-arch.org accessed 3/11/2012).
- Bason, John V., Martin G. Montgomery, Andrew G. W. Leslie, & John E. Walker.** 2015. “How release of phosphate from mammalian F₁-ATPase generates a rotary substep.” *Proceedings of the National Academy of Sciences* **112** (12 May): 6009-6014.
- Basov, I. A.** 1996. “Reeks with Anomalous Age or Origin in the Equatorial Atlantic - Review,” in *Equatorial Segment of the Mid-Atlantic Ridge* (1996, 69-75).
- Bass, Alden.** 2003. “Whale Evolution.” *Apologetics Press* posting of *Discovery Magazine* 1 September article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004a. “Mormonism.” *Apologetics Press* posting of *Discovery Magazine* 1 February article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004b. “Mri and Creation.” *Apologetics Press* posting of *Discovery Magazine* 1 July article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2005. “When Will Christ Return?” *Apologetics Press* posting of *Discovery Magazine* 1 May article (online text at www.apologeticspress.org accessed 6/1/2012).
- Bass, Andrew H., & Boris P. Chagnaud.** 2012. “Shared developmental and evolutionary origins for neural basis of vocal-acoustic and pectoral-gestural signaling.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10677-10684.
- Bass, Andrew H., Edwin H. Gilland, & Robert Baker.** 2008. “Evolutionary Origins for Social Vocalization in a Vertebrate Hindbrain-Spinal Compartment.” *Science* **321** (18 July): 417-421.
- Bass, Chris, Christoph T. Zimmer, Jacob M. Riveron, Craig S. Wilding, Charles S. Wondji, Martin Kaussmann, Linda M. Field, Martin S. Williamson, & Ralf Nauen.** 2013. “Gene amplification and microsatellite polymorphism underlie a recent insect host shift.” *Proceedings of the National Academy of Sciences* **110** (26 November): 19460-19465.
- Bass, Debra.** 1997. “UNLV researcher baffled over his recent dismissal.” *Las Vegas Sun* posting 16 September: online text accessed 9/13/2002 (www.lasvegassun.com).
- Bass, Joseph, & Joseph S. Takahashi.** 2011. “Redox redux.” *Nature* **469** (27 January): 476-478.
- Bassar, Ronald D., Andres Lopez-Sepulcre, David N. Reznick, & Joseph Travis.** 2013. “Experimental Evidence for Density-Dependent Regulation and Selection on Trinidadian Guppy Life Histories.” *The American Naturalist* **181** (January): 25-38.
- Bassett, Danielle S., Edward T. Bullmore, Andreas Meyer-Lindenberg, José A. Apud, Daniel R. Weinberger, & Richard Coppola.** 2009. “Cognitive fitness of cost-efficient brain functional networks.” *Proceedings of the National Academy of Sciences* **106** (14 July): 11747-11752.
- Bassett, Danielle S., Nicholas F. Wymbs, Mason A. Porter, Peter J. Mucha, Jean M. Carlson, & Scott T. Grafton.** 2011. “Dynamic reconfiguration of human brain networks during learning.” *Proceedings of the National Academy of Sciences* **108** (3 May): 7641-7646.
- Bassett, Laura.** 2011. “Michele Bachmann Denies Abortion Comment: ‘I Don’t Think I Ever Said That’.” *Huffington Post* posting 24 October (online text at huffingtonpost.com accessed 10/24/2011).
- . 2015. “McConnell Voted In 1993 To Legalize Fetal Tissue Donations After Abortion.” *HuffPost Politics* posting 24 July (online text at huffingtonpost.com accessed 7/26/2015).
- Bassham, Susan, Cristian Cañestro, & John H. Postlethwait.** 2008. “Evolution of developmental roles of *Pax2/5/8* paralogs after independent duplication in urochordate and vertebrate lineages.” *BMC Biology* (online @ biomedcentral.com) **6** (22 August): 35.

- Bassis, Jeremy N., Sierra V. Petersen, & L. Mac Cathles.** 2017. "Heinrich events triggered by ocean forcing and modulated by isostatic adjustment." *Nature* **542** (16 February): 332-334.
- Bassler, Bonnie L.** 2001. "Tiny Conspiracies." *Natural History* **110** (May): 16-18, 20-22.
- Bast, Joseph L., & Diane Carol Bast,** eds. 2009. *Climate Change Reconsidered*. Chicago: The Heartland Institute.
- Bast, Joseph, & James M. Tayllor.** 2014. "Global Warming: Not a Crisis." *The Heartland Institute* undated posting (online text at heartland.org accessed 10/24/2014).
- Bastasch, Michael.** 2015. "'Irreversible' Arctic Ice Loss Seems To Be Reversing Itself." *The Daily Caller* 29 April posting (online text at dailycaller.com accessed 5/11/2015).
- Basten, Ulrike, Guido Biele, Hauke R. Heekeren, & Christian J. Fiebach.** 2010. "How the brain integrates costs and benefits during decision making." *Proceedings of the National Academy of Sciences* **107** (14 December): 21767-21772.
- Bastiaansen, J. A. C. J., M. Thioux, & C. Keysers.** 2009. "Evidence for mirror systems in emotions." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 August): 2391-2404.
- Bastir, Markus, Paul O'Higgins, & Antonio Rosas.** 2007. "Facial ontogeny in Neanderthals and modern humans." *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (7 May): 1125-1132.
- Basu, Abhijit.** 2009. "Ediacaran Fossils in Meso- and Paleoproterozoic Rocks in Peninsular India Extend Darwin." *Journal of the Geological Society of India* **73** (April): 528-536.
- Basu, Arnab, Sujoy Chatterjee, Soniya Chatterjee, & Sujoy K. Das Gupta.** 2012. "Evolutionary Link between the Mycobacterial Plasmid pAL5000 Replication Protein RepB and the Extracytoplasmic Function Family of σ -Factors." *Journal of Bacteriology* **194** (March, No. 6): 1331-1341.
- Basu, Asish R., Michail L. Petaev, Robert J. Poreda, Stein B. Jacobsen, & Luann Becker.** 2003. "Chondrite Meteorite Fragments Associated with the Permian-Triassic Boundary in Antarctica." *Science* **302** (21 November): 1388-1392.
- Basu, Christopher, Peter L. Falkingham, & John R. Hutchinson.** 2016. "The extinct, giant giraffid *Sivatherium giganteum*: skeletal reconstruction and body mass estimation." *Royal Society Biology Letters* **12** (January): 20150940.
- Basu, Debashis, Kaushik Das, & Stephen Self.** 2012. "Numerical Simulations and Analysis of Lava Flow Cooling." *U.S. Nuclear Regulatory Commission* March report posting (online pdf at www.nrc.gov accessed 12/23/2016).
- Basu, Kaustuv.** 2012. "Book by intelligent design proponents upsets scientists." *Inside Higher Ed* 1 March posting (online text at www.insidehighered.com accessed 3/2/2012).
- Bataille, Arnaud, Andrew A. Cunningham, Virna Cedeño, Leandro Patiño, Andreas Constantinou, Laura D. Kramer, & Simon J. Goodman.** 2009. "Natural colonization and adaptation of a mosquito species in Galápagos and its implications for disease threats to endemic wildlife." *Proceedings of the National Academy of Sciences* **106** (23 June): 10230-10235.
- Batalha, Natalie M.** 2014. "Exploring exoplanet populations with NASA's Kepler Mission." *Proceedings of the National Academy of Sciences* **111** (2 September): 12647-12654.
- Bateman, Richard M., Peter R. Crane, William A. DiMichele, Paul R. Kenrick, Nick P. Rowe, Thomas Speck, & William E. Stein.** 1998. "EARLY EVOLUTION OF LAND PLANTS: Phylogeny, Physiology, and Ecology of the Primary Terrestrial Radiation." *Annual Review of Ecology, Evolution and Systematics* **29**: 263-292.
- Bateman, Richard M., & William A. DiMichele.** 1994. "Heterospory: The most iterative key innovation in the evolutionary history of the plant kingdom." *Biological Reviews of the Cambridge Philosophical Society* **69** (August): 345-417.
- Bateman, Richard M., Jason Hilton, & Paula J. Rudall.** 2006. "Morphological and molecular phylogenetic context of the angiosperms: contrasting the 'top-down' and 'bottom-up' approaches used to infer the likely characteristics of the first flowers." *Journal of Experimental Botany* **57** (October): 3471-3503.
- Bates, Frank.** 2012. "Power4Patriots Store." *Power4Patriots* homepage posting (online text at

- power4patriots.com* accessed 4/14/2012).
- Bates, Gary.** 2006. “That quote!—about the missing transitional fossils.” Answers in Genesis *Creation* **29** (December): 12-15.
- . 2012. “A message from Gary Bates the CEO of Creation Ministries International USA about the Question Evolution! Campaign and the year 2012.” *Question Evolution! Campaign* 17 December posting (online text at *questionevolution.blogspot.com* accessed 5/3/2015).
- . 2014. “Egyptian chronology and the Bible—framing the issues.” *Creation Ministries International* posting 2 September (online text at *creation.com* accessed 6/12/2015).
- Bates, K. T., & P. L. Falkingham.** 2012. “Estimating maximum bite performance in *Tyrannosaurus rex* using multi-body dynamics.” Royal Society *Biology Letters* **8** (28 August): 20120056.
- Bates, Mary E., James A. Simmons, & Tengiz V. Zorikov.** 2011. “Bats Use Echo Harmonic Structure to Distinguish Their Targets from Background Clutter.” *Science* **333** (29 July): 627-630.
- Bateson, William.** 1894. *Materials and the Study of Variation, Treated with Especial Regard to Discontinuity in the Origin of Species*. London: Macmillan.
- . 1922. “Evolutionary Faith and Modern Doubts.” *Science* **55** (20 January): 55-61.
- Bathija, Sandhya.** 2008. “Methodists Oppose Creationism In Public School Science Classes.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/18/2011 (*www.au.org*).
- . 2010a. “Intelligent Defense.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/18/2011 (*www.au.org*).
- . 2010b. “Roy Moore 2.0?” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/18/2011 (*www.au.org*).
- . 2010c. “Backdoor Vouchers Slip Into Supreme Court.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/18/2011 (*www.au.org*).
- . 2010d. “Ralph Reed Redux.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/18/2011 (*www.au.org*).
- . 2010e. “High Noon In Austin.” Americans United for the Separation of Church and State *Church and State* (November): online text accessed 1/18/2011 (*www.au.org*).
- . 2011. “Creationism’s Evolving Strategy.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/15/2011 (*www.au.org*).
- Batson, C. Daniel.** 1975. “Rational processing or rationalization? The effect of disconfirming information on a stated religious belief.” *Journal of Personality and Social Psychology* **32** (July): 176-184.
- Battaglio, Stephen.** 2014. “A&E Ducks a Crisis.” *TV Guide* **62** (6-12 January): 12.
- Batten, Brent.** 2015. “Activists look to change ‘buy’ the book procedures.” *Naples Daily News* (Naples, Florida) posting 22 December: online text accessed 1/1/2015 (*www.naplesnews.com*).
- Batten, David J., Jane Gray, & Rex Harland.** 1999. “Palaeoenvironmental significance of a monospecific assemblage of dinoflagellate cysts from the Miocene Clarkia Beds, Idaho, USA.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **153** (15 September): 161-177.
- Batten, Don.** 1994a. “A Whale of a Tale? (*Ambulocetus*).” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **8** (1): 2-3.
- . 1994b. “Punctuated equilibrium: comes of age?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **8** (2): 131-137.
- . 1997a. “Red-blooded evidence.” Answers in Genesis *Creation* **19** (March): 24-25.
- . 1997b. “The Biotic Message: Evolution versus Message Theory.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **11** (3): 292-298.
- . 2000a. “Ligers and wholphins? What next?” Answers in Genesis *Creation* **22** (June): 28-

- 33.
- . 2000b. “Did cells acquire organelles such as mitochondria by gobbling up other cells?” *Creation Ministries International* 6 July posting (online text at *creation.com* accessed 1/6/2014).
- . 2001. “Old-Earth or young-earth belief: Which belief is the recent aberration?” Answers in Genesis *Creation* **24** (December): 24-27.
- . 2002a. “‘It’s not science’.” *Creation Ministries International* 28 February posting (online text at *creation.com* accessed 3/7/2014).
- . 2002b. “CMI misrepresents ancient Chinese language?” *Creation Ministries International* posting (online text at *creation.com* accessed 12/22/2011).
- . 2002c. “Bugs in brine.” Answers in Genesis *Creation* **24** (September): 36-38.
- . 2002d. “CMI still misrepresents ancient Chinese language?” *Creation Ministries International* 23 December posting (online text at *creation.com* accessed 12/22/2011).
- . 2005. “Haldane’s Dilemma has not been solved.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **19** (1): 20-21.
- . 2006. “Chimp/Human DNA—count the differences!” *Creation Ministries International* 5 June posting (online text at *creation.com* accessed 5/26/2015).
- . 2008. “Bacteria ‘evolving in the lab’? ‘A poke in the eye for anti-evolutionists’?” *Creation Ministries International* posting 14 June (online text at *creation.com* accessed 3/3/2013).
- . 2009. “101 evidences for a young age of the earth and the universe.” *Creation Ministries International* posting 4 June (online text at *creation.com* accessed 5/29/2011).
- . 2010. “Eating and keeping moral cakes.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **24** (1): 25-26.
- . 2011. “15 Questions for Evolutionists.” *Creation Ministries International* posting (online text at *creation.com* accessed 5/3/2015).
- . 2012. “Modern birds found with dinosaurs.” Answers in Genesis *Creation* **34** (July): 48-50.
- . 2013. “Another major ‘link’ fails.” Answers in Genesis *Creation* **35** (January): 51-53.
- . 2014. “Whale evolution fraud.” Answers in Genesis *Creation* **36** (October): 34-35.
- Batten, Don, & Carl Werner.** 2011. “Living fossils: a powerful argument for creation.” Answers in Genesis *Creation* **33** (April): 20-23.
- Battison, Leila.** 2011. “Microbes on a Moonbeam: Disentangling the Meteorite Microbe Claims.” Blog posting 11 March (online text at *leilabattison.wordpress.com* accessed 3/13/2011).
- Battistuzzi, Fabia U., Andreia Feijao, & S. Blair Hedges.** 2004. “A genomic timescale of prokaryote evolution: insights into the origin of methanogenesis, phototrophy, and the colonization of land.” *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **4** (9 November): 44.
- Battistuzzi, Fabia U., & S. Blair Hedges.** 2009. “A Major Clade of Prokaryotes with Ancient Adaptations to Life on Land.” *Molecular Biology and Evolution* **26** (February): 335-343.
- Battle, Daniel J., & Jennifer A. Doudna.** 2002. “Specificity of RNA-RNA helix recognition.” *Proceedings of the National Academy of Sciences* **99** (3 September): 11676-11681.
- Battson, Art.** 1997. “On the Origin of Stasis by Means of Natural Processes.” *University of California Santa Barbara* 17 May updated posting (online text at *www.veritas-ucsb.org* accessed 12/30/2014).
- Batuman, Elif.** 2014. “The Myth of the Megalith.” *The New Yorker* (18 December): online text accessed 6/5/2016 (*newyorker.com*).
- Batygin, Konstantin, & Greg Laughlin.** 2015. “Jupiter’s decisive role in the inner Solar System’s early evolution.” *Proceedings of the National Academy of Sciences* **112** (7 April): 4214-4217.
- Batyuk, Alexander, Lorenzo Galli, Andrii Ishchenko, Gye Won Han, Cornelius Gati, Petr A. Popov, Ming-Yue Lee, Benjamin Stauch, Thomas A. White, Anton Barty, Andrew Aquila, Mark S. Hunter, Mengning Liang, Sébastien Boutet, Mengchen Pu, Zhi-jie**

- Liu, Garrett Nelson, Daniel James, Chufeng Li, Yun Zhao, John C. H. Spence, Wei Liu, Petra Fromme, Vsevolod Katritch, Uwe Weierstall, Raymond C. Stevens, & Vadim Cherezov.** 2016. "Native phasing of x-ray free-electron laser data for a G protein-coupled receptor." *Science Advances* **2** (23 September): e1600292 (online at sciencemag.org).
- Batzer, Mark A., & Prescott L. Deininger.** 2002. "Alu repeats and human genomic diversity." *Nature Reviews Genetics* **3** (May): 370-379.
- Batzer, Stephen A.** 2013a. "Evolution of the Mammalian Eye: Ho-Hum, No Big Deal?" Discovery Institute *Evolution News & Views* for 21 March (online text at evolutionnews.org accessed 3/31/2013).
- . 2013b. "Why Darwinism and Incivility Seem to Go Together." Discovery Institute *Evolution News & Views* for 3 May (online text at evolutionnews.org accessed 5/15/2013).
- Bauckham, Richard.** 2006. *Jesus and the Eyewitnesses: The Gospels as Eyewitness Testimony*. Grand Rapids, MI: William B. Eerdmans Publishing Company.
- Baudrimont, Antoine, Sylvia Voegeli, Eduardo Calero Vilorio, Fabian Stritt, Marine Lenon, Takeo Wada, Vincent Jaquet, & Attila Becskei.** 2017. "Multiplexed gene control reveals rapid mRNA turnover." *Science Advances* **3** (12 July): e1700006 (online at sciencemag.org).
- Baudry, Anne, Sophie Mouillet-Richard, Benoit Schneider, Jean-Marie Launay, & Odile Kellermann.** 2010. "MiR-16 Targets the Serotonin Transporter: A New Facet for Adaptive Responses to Antidepressants." *Science* **329** (17 September): 1537-1541.
- Bauer, Aaron M.** 1988. "Reptiles and the Biogeographic Interpretation of New Caledonia." *Tuatara* **30** (December): 39-50.
- Bauer, Aaron M., Wolfgang Böhme, & Wolfgang Weitschat.** 2005. "An Early Eocene gecko from Baltic amber and its implications for the evolution of gecko adhesion." *Journal of Zoology* (London) **265** (April): 327-332.
- Bauer, Aaron M., & Todd Jackman.** 2006. "Phylogeny and microendemism of the New Caledonian lizard fauna," in Vences *et al.* (2006, 9-13).
- Bauer, David R.** 2006. "Resolving the Controversy Over 'Teaching the Controversy': The Constitutionality of Teaching Intelligent Design in Public Schools." *Fordham Law Review* **75** (2): 1019-1063.
- Bauer, Henry H.** 1984. *Beyond Velikovsky: The History of a Public Controversy*. Urbana, IL: University of Illinois Press.
- Bauer, William J.** 1979. "Review of Evolution of Living Organisms--By Pierre-Pual Grasse." Institute for Creation Research October article posting (online text at icr.org accessed 3/8/2016).
- Bauersachs, Thorsten, Eveline N. Speelman, Ellen C. Hopmans, Gert-Jan Reichart, Stefan Schouten, & Jaap S. Sinninghe Damsté.** 2010. "Fossilized glycolipids reveal past oceanic N₂ fixation by heterocystous cyanobacteria." *Proceedings of the National Academy of Sciences* **104** (9 November): 19190-19194.
- Baugh, Carl Edward.** 1989. "Academic Justification for Voluntary Inclusion of Scientific Creation in Public Classroom Curricula, Supported by Evidence that Man and dinosaurs were Contemporary." Dissertation for "Pacific International University and Pacific College of Graduate Studies" (online text at home.texoma.com/~linesden/cem/diss/disv1fr.htm accessed 5/27/2009).
- . 2009. "Let's Review the Facts." *Creation in the 21st Century* Trinity Broadcasting Network cable TV series (viewed on airing 3/3/2009).
- Baughn, Anthony D., & Michael H. Malamy.** 2002. "A mitochondrial-like aconitase in the bacterium *Bacteroides fragilis*: Implications for the evolution of the mitochondrial Krebs cycle." *Proceedings of the National Academy of Sciences* **99** (2 April): 4662-4667.
- Bauknecht, Philipp, & Gáspár Jékely.** 2017. "Ancient coexistence of norepinephrine, tyramine, and octopamine signaling in bilaterians." *BMC Biology* (online @ biomedcentral.com) **15** (30 January): 6.
- Baulaurier, John, Xue-Song Zhang, Shijia Zhu, Robert Sebra, Chaggao Rosenbluh, Gintaras**

- Deikus, Nan Shen, Diana Munera, Matthew K. Waldor, Andrew Chess, Martin J. Blaser, Eric E. Schadt, & Gang Fang.** 2015. "Single molecule-level detection and long read-based phasing of epigenetic variations in bacterial methylomes." *Nature Communications* (online @ nature.com) **6** (15 June): 7438.
- Baulcombe, David.** 2002. "An RNA Microcosm." *Science* **297** (20 September): 2002-2003.
- Bault, Nadège, Mateus Joffily, Aldo Rustichini, & Giorgio Coricelli.** 2011. "Medial prefrontal cortex and striatum mediate the influence of social comparison on the decision process." *Proceedings of the National Academy of Sciences* **108** (20 September): 16044-16049.
- Baum, David.** 2013. "The Origin of Primary Plastids: A Pas de Deux or a Ménage à Trois?" *The Plant Cell* **25** (January): 4-6.
- Baum, David A., & Buzz Baum.** 2014. "An inside-out origin for the eukaryotic cell." *BMC Biology* (online @ biomedcentral.com) **12** (28 October): 78.
- Baum, Steven K., & Thomas J. Crowley.** 2003. "The snow/ice instability as a mechanism for rapid climate change: A Neoproterozoic Snowball Earth model example." *Geophysical Research Letters* **30** (October): 2030.
- Bauman, Michael.** 2000. "No God, no Good." *Summit Ministries* posting (online text at summit.org accessed 6/10/2001).
- Baumann, Christian R.** 2008. "Sleep: Approaching the Fundamental Questions." *Current Biology* **18** (5 August): R665-R667.
- Baumann, Christian, Andrea Beil, Simon Jurt, Michael Niederwanger, Oscar Palacios, Mercè Capdevila, Silvia Atrian, Reinhard Dallinger, & Oliver Zerbe.** 2017. "Structural Adaptation of a Protein to Increased Metal Stress: NMR Structure of a Marine Snail Metallothionein with an Additional Domain." *Angewandte Chemie International Edition* **56** (10 April): 4617-4622.
- Baumberger, N., & D. C. Baulcombe.** 2005. "*Arabidopsis* ARGONAUTE1 is an RNA Slicer that selectively recruits microRNAs and short interfering RNAs." *Proceedings of the National Academy of Sciences* **102** (16 August): 11928-11933.
- Baumeister, Roy F., & Michael MacKenzie.** 2011. "Believing, belonging, meaning, and religious coping." *Religion, Brain & Behavior* **1** (October): 216-219.
- Baumeister, Roy F., E. J. Masicampo, & C. Nathan DeWall.** 2009. "Prosocial Benefits of Feeling Free: Disbelief in Free Will Increases Aggression and Reduces Helpfulness." *Personality and Social Psychology Bulletin* **35** (February): 260-268.
- Baumeister, Roy F., & Kathleen D. Vohs.** 2007. "Self-Regulation, Ego Depletion, and Motivation." *Social and Personality Compass* **1** (November): 115-128.
- Baumeister, Wolfgang, Jochen Walz, Frank Zühl, & Erika Seemüller.** 1998. "The Proteasome: Paradigm of a Self-Compartmentalizing Protease." *Cell* **92** (6 February): 367-380.
- Baumgardner, John R.** 1994. "Runaway Subduction as the Driving Mechanism for the Genesis Flood." Creation Science Fellowship *Third International Conference on Creationism* paper (online pdf at www.icr.org accessed 10/19/2014).
- . 2003a. "Carbon Dating Undercuts Evolution's Long Ages." *Institute for Creation Research* posting (online text at icr.org accessed 2/21/2010).
- . 2003b. "Catastrophic Plate Tectonics: The Physics Behind the Genesis Flood." Creation Science Fellowship *Fifth International Conference on Creationism* paper (online text at www.globalflood.org/papers/2003ICCcpt.html accessed 1/11/2011).
- . 2005. "No. 381—Recent Rapid Uplift of Today's Mountains." *Institute for Creation Research Impact* (March): i-iv.
- . 2016. "Numerical Modeling of the Large-Scale Erosion, Sediment Transport, and Deposition Processes of the Genesis Flood." *Answers in Genesis Research Journal* **9**: 1-24.
- Baumgardner, John R., & Daniel W. Barnette.** 1994. "Patterns of Ocean Circulation Over the Continents During Noah's Flood." Creation Science Fellowship *Third International Conference on Creationism* paper (online text at www.icr.org accessed 1/30/2010).
- Baumgardner, John R., Wesley H. Brewer, & John C. Sanford.** 2013. "Can Synergistic

- Epistasis Halt Mutation Accumulation? Results from Numerical Simulation,” in Marks *et al.* (2013a, 312-337).
- Baumgardner, John, John Sanford, Wesley Brewer, Paul Gibson, & Walter ReMine.** 2008. “Mendel’s Accountant: A New Population Genetics Simulation Tool for Studying Mutation and Natural Selection,” in Snelling (2008b, 87-98).
- Baumgartner, Frederic J.** 1999. *Longing for the End: A History of Millennialism in Western Civilization*. New York: St. Martin’s Press.
- Baumgartner, Laura K., John R. Spear, Daniel H. Buckley, Norman R. Pace, R. Pamela Reid, Christophe Dupraz, & Pieter T. Visscher.** 2009. “Microbial diversity in modern marine stromatolites, Highborne Cay, Bahamas.” *Environmental Microbiology* **11** (10): 2710-2719.
- Baumgartner, Thomas, Markus Heinrichs, Aline Vonlanthen, Urs Fischbacher, & Ernst Fehr.** 2008. “Oxytocin Shapes the Neural Circuitry of Trust and Trust Adaptation in Humans.” *Neuron* **58** (22 May): 639-650.
- Baumiller, Tomasz K.** 2002. “Multi-snail infestation of Devonian crinoids and the nature of platyceratid-crinoid interactions.” *Acta Palaeontologica Polonica* **47** (1): 133-139.
- Baumiller, Tomasz K., Mariusz A. Salamon, Przemyslaw Gorzelak, Rich Mooi, Charles G. Messing, & Forest J. Gahn.** 2010. “Post-Paleozoic crinoid radiation in response to benthic predation preceded the Mesozoic marine revolution.” *Proceedings of the National Academy of Sciences* **107** (30 March): 5893-5896.
- Bautista, Cynthia Banzon.** 1996. “The Mount Pinatubo Disaster and the People of Central Luzon,” in Newhall & Punongbayan (1996, 107-130).
- Bauval, Robert, & Adrian Gilbert.** 1994. *The Orion Mystery: Unlocking the Secrets of the Pyramids*. New York: Crown Trade Paperbacks.
- Baxevanis, Andreas D., Gina Arents, Evangelos N. Moudrianakis, & David Landsman.** 1995. “A variety of DNA-binding and multimeric proteins contain the histone fold motif.” *Nucleic Acids Research* **23** (25 July): 2685-2691.
- Baxter, Elizabeth Leigh, John A. Zuris, Charles Wang, Phu Luong T. Vo, Herbert L. Axelrod, Aina E. Cohen, Mark L. Paddock, Rachel Nechushtai, Jose N. Onuchic, & Patricia A. Jennings.** 2013. “Allosteric control in a metalloprotein dramatically alters function.” *Proceedings of the National Academy of Sciences* **110** (15 January): 948-953.
- Baxter, Mark G., & Paula L. Croxson.** 2012. “Facing the role of the amygdala in emotional information processing.” *Proceedings of the National Academy of Sciences* **109** (26 December): 21180-21881.
- Baxter, S. W., S. E. Johnston, & C. D. Jiggins.** 2009. “Butterfly speciation and the distribution of gene effect sizes fixed during adaptation.” *Heredity* **102** (January): 57-65.
- Baxter, Stephen.** 2003. *Ages in Chaos: James Hutton and the Discovery of Deep Time*. 2006 pb ed. New York: Forge.
- Bayarsaihan, Dashzeveg, Badam Enkhmandakh, Aleksandr Makeyev, John M. Grealley, James F. Leckman, & Frank H. Ruddle.** 2003. “Homez, a homeobox leucine zipper gene specific to the vertebrate lineage.” *Proceedings of the National Academy of Sciences* **100** (2 September): 10358-10363.
- Bayer, Edward A., Jean-Pierre Belaich, Yuval Shoham, & Raphael Lamed.** 2004. “THE CELLULOSOMES: Multienzyme Machines for Degradation of Plant Cell Wall Polysaccharides.” *Annual Review of Microbiology* **58**: 521-554.
- Bayes, Jonathan, & Roger Fay.** 2001. “Creation or Evolution?” *Evangelical Times* March News posting (online text at www.evangelical-times.org accessed 11/13/2002, not available as of 1/26/2015).
- Bayle, Priscilla, Roberto Macchiarelli, Erik Trinkaus, Cidália Duarte, Arnaud Mazurier, & João Zilhão.** 2010. “Dental maturational sequence and dental tissue proportions in the early Upper Paleolithic child from Abrigo do Lagar Velho, Portugal.” *Proceedings of the National Academy of Sciences* **107** (26 January): 1338-1342.
- Bayley, Douglas P., & Ken F. Jarrell.** 1999. “Overexpression of *Methanococcus voltae* Flagellin Subunits in *Escherichia coli* and *Pseudomonas aeruginosa*: a Source of Archaeal

- Preflagellin.” *Journal of Bacteriology* **181** (July, No. 14): 4146-4153.
- Baylor, D. A., T. D. Lamb, & K.-W. Yau.** 1979. “Responses of Retinal Rods to Single Photons.” The Physiological Society (UK) *The Journal of Physiology* **288** (March): 613-644.
- Baylor, Gregory S.** 1996. “TESTIMONY OF GREGORY S. BAYLOR.” U.S. House of Representatives *Committee on the Judiciary* Subcommittee on the Constitution (23 July) posting (online text at www.house.gov accessed 9/6/2002).
- . 2014. “TESTIMONY BEFORE THE SUBCOMMITTEE ON THE CONSTITUTION AND CIVIL JUSTICE OF THE HOUSE COMMITTEE ON THE JUDICIARY ON THE STATE OF RELIGIOUS LIBERTY IN THE UNITED STATES.” U.S. House of Representatives *Committee on the Judiciary* Subcommittee on the Constitution (10 June) posting (online text at judiciary.house.gov accessed 10/15/2014).
- Bayne, Tim.** 2007a. “Conscious states and conscious creatures: Explanation in the scientific study of consciousness.” *Philosophical Perspectives* **21** (June): 1-22.
- . 2007b. “Hypnosis and the Unity of Consciousness,” in Jamieson (2007, 93-109).
- . 2008. “The Unity of Consciousness and the Split-Brain Syndrome.” *The Journal of Philosophy* **105** (December): 277-300.
- Bayón, Cristina, Teresa Manera, Gustavo Politis, & Silvia Aramayo.** 2011. “Following the Tracks of the First South Americans.” *Evolution: Education & Outreach* **4** (June): 205-217.
- Bayona-Bafaluy, Maria Pilar, Stefan Müller, & Carlos T. Moraes.** 2005. “Fast Adaptive Coevolution of Nuclear and Mitochondrial Subunits of ATP Synthetase in Orangutan.” *Molecular Biology and Evolution* **22** (March): 716-724.
- Bazan, Ariane, Howard Shevrin, Linda A. W. Brakel, & Michael Snodgrass.** 2007. “Motivations and emotions contribute to a-rational unconscious dynamics: Evidence and conceptual clarification.” *Cortex* **43** (8): 1104-1105.
- Bažant, Zdeněk P., Jia-Liang Le, Frank R. Greening, & David B. Benson.** 2008. “What Did and Did not Cause Collapse of WTC Twin Towers in New York.” *Journal of Engineering Mechanics* **134** (October): 892-906.
- Bazerman, Max H., & Joshua D. Greene.** 2010. “In Favor of Clear Thinking: Incorporating Moral Rules Into a Wise Cost-Benefit Analysis—Commentary on Bennis, Medin, & Bartels (2010).” *Perspectives on Psychological Science* **5** (March): 209-212.
- Bazgir, Behrouz, Andreu Ollé, Laxmi Tumung, Lorena Becerra-Valdivia, Katerina Douka, Thomas Higham, Jan van der Made, Andrea Picin, Palmira Saladié, Juan Manuel López-García, Hugues-Alexandre Blain, Ethel Allué, Mónica Fernández-García, Iván Rey-Rodríguez, Diego Arceredillo, Faranak Bahrololoumi, Moloudsadat Azimi, Marcel Otte, & Eudald Carbonell.** 2017. “Understanding the emergence of modern humans and the disappearance of Neanderthals: Insights from Kaldar Cave (Khorramabad Valley, Western Iran).” *Scientific Reports* (online @ www.nature.com/srep/) **7** (2 March): 43460.
- Bazin, Eric, Sylvain Glémin, & Nicolas Galtier.** 2006. “Population Size Does Not Influence Mitochondrial Genetic Diversity in Animals.” *Science* **312** (28 April): 570-572.
- Bazinet, Christopher.** 2004. “Endosymbiotic origins of sex.” *BioEssays* **26** (May): 558-566.
- BBC.** 2002. “Skull find sparks controversy.” *BBC News* posting 12 July: online text accessed 9/20/2002 (news.bbc.co.uk).
- . 2003. “Farmer’s fossil find excites.” *BBC News* posting 24 October: online text accessed 1/29/2014 (news.bbc.co.uk).
- . 2005. “Cretaceous duck ruffles feathers.” *BBC News* posting 20 January: online text accessed 5/6/2014 (news.bbc.co.uk).
- . 2009a. “Scientists challenge Darwin’s theories.” *BBC Shropshire* updated posting 27 February: online text accessed 2/9/2011 (www.bbc.co.uk).
- . 2009b. “Durham ‘Grand Canyon’ set to stay.” *BBC News* posting 14 August: online text accessed 2/22/2014 (www.bbc.co.uk).
- . 2015. “Bangladeshi secular publisher hacked to death.” *BBC News* posting 31 October:

- online text accessed 10/31/2015 (www.bbc.com).
- . 2016a. “Rezaul Karim Siddique: Murdered Bangladeshi professor ‘not an atheist,’ daughter says.” *BBC News* posting 24 April: online text accessed 4/25/2016 (www.bbc.com).
- . 2016b. “Bangladesh LGBT editor hacked to death.” *BBC News* posting 25 April: online text accessed 4/25/2016 (www.bbc.com).
- BCSE. 2007a. “The Christian Institute.” *British Centre for Science Education* 8 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007b. “Answers in Genesis.” *British Centre for Science Education* 10 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007c. “Influencing the National Curriculum.” *British Centre for Science Education* 10 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007d. “The 2002 Letter to Estelle Morris.” *British Centre for Science Education* 10 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007e. “Truth in Science.” *British Centre for Science Education* 10 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007f. “Geoffrey Barnard.” *British Centre for Science Education* 16 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007g. “Stuart Burgess.” *British Centre for Science Education* 16 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007h. “The Rev. George Curry.” *British Centre for Science Education* 17 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007i. “Arthur Jones.” *British Centre for Science Education* 23 October posting (online text via www.bcseweb.org.uk accessed 2/16/2013).
- . 2007j. “Terry Hamblin.” *British Centre for Science Education* 17 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007k. “Russell Healey.” *British Centre for Science Education* 23 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007l. “Derek Linkens.” *British Centre for Science Education* 23 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007m. “John Mackay.” *British Centre for Science Education* 23 October posting (online text via www.bcseweb.org.uk accessed 1/6/2013).
- . 2007n. “Transcript of the debate between Professor Steve Fuller and Professor Lewis Wolpert at Royal Holloway College.” *British Centre for Science Education* 27 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007o. “John Peet.” *British Centre for Science Education* 30 October posting (online text via www.bcseweb.org.uk accessed 12/18/2011).
- . 2007p. “Richard Milton.” *British Centre for Science Education* 30 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007q. “Colin Reeves.” *British Centre for Science Education* 30 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007r. “Mark Toleman.” *British Centre for Science Education* 31 October updated posting (online text via www.bcseweb.org.uk accessed 7/7/2014).
- . 2007s. “David Tyler.” *British Centre for Science Education* 31 October posting (online text via www.bcseweb.org.uk accessed 2/16/2013).
- . 2007t. “John Walton.” *British Centre for Science Education* 31 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007u. “Bill Worraker.” *British Centre for Science Education* 31 October posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007v. “Intelligent Design advocates.” *British Centre for Science Education* 4 November posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007w. “Causeway Creation campaign.” *British Centre for Science Education* 27 November posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007x. “Creationism in churches in the UK.” *British Centre for Science Education* 27 November posting (online text via www.bcseweb.org.uk accessed 1/8/2008).

- . 2007y. “Ian Paisley’s party backs creationism in schools.” *British Centre for Science Education* 27 November posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007z. “Who’s Who in the UK creationist movements.” *British Centre for Science Education* 27 November posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007aa. “Summary of the key current issues.” *British Centre for Science Education* 14 December posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007ab. “Andy McIntosh.” *British Centre for Science Education* 15 December posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007ac. “Charles Darwin and Adolf Hitler.” *British Centre for Science Education* 15 December posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2007ad. “Richard Buggs.” *British Centre for Science Education* 18 December posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- . 2008a. “Nick Cowan.” *British Centre for Science Education* 21 April posting (online text via www.bcseweb.org.uk accessed 1/6/2013).
- . 2008b. “Marc Surtees.” *British Centre for Science Education* 25 June posting (online text via www.bcseweb.org.uk accessed 12/18/2011).
- . 2009. “Noah’s Ark Zoo Farm, Bristol.” *British Centre for Science Education* 18 April posting (online text via www.bcseweb.org.uk accessed 5/17/2014).
- . 2012. “Sylvia Baker’s Thesis, The Christian Schools Trust and the Sheffield Christian Free School Bid. An Expose of their creationist agenda.” *British Centre for Science Education* 14 January posting (online text via www.bcseweb.blogspot.com accessed 6/28/2015).
- BEACON. 2010. “BEACON—Evolution in Action.” *BEACON An NSF Center for the Study of Evolution in Action* posting (online text at www.beacon.msu.edu accessed 5/31/2010).
- Beadell, Alana V., Qinwen Liu, Dorothy M. Johnson, & Eric S. Haag.** 2011. “Independent recruitments of a translational regulator in the evolution of self-fertile nematodes.” *Proceedings of the National Academy of Sciences* **108** (6 December): 19672-19677.
- Beale, Lionel S.** 1871. *Life Theories: Their Influence upon Religious Thought*. London: J. & A. Churchill.
- . 1875. “DR. SANDERSON’S SPEECH ON THE GERM THEORY OF DISEASE.” *British Medical Journal* **1** (17 April #746): 528-529.
- . 1882a. “Dictatorial Scientific Utterances and the Decline of Modern Thought.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **16**: 201-235.
- . 1882b. “On the New Materialism.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **16**: 235-245.
- . 1882c. “On the Living and the Non-living.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **16**: 245-249.
- . 1887. “Structure and Structureless.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **20**: 276-279.
- . 1893. “Introductory Lecture ON PROGRESS AT KING’S COLLEGE AND ON THE NATURE OF LIFE.” *The Lancet* **142** (7 October): 862-865.
- . 1901. “Vitality.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **33**: 52-74.
- . 1903a. “On the Unseen Life of our World and of Living Growth.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **35**: 110-139.
- . 1903b. “The Living God of Living Nature from the Science Side.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **35**: 268-295.
- Beale, Nicholas, David G. Rand, Heather Battey, Karen Croxson, Robert M. May, & Martin A. Nowak.** 2011. “Individual versus systemic risk and the Regulator’s Dilemma.” *Proceedings of the National Academy of Sciences* **108** (2 August): 12647-12652.
- Beale, Rupert C. L., Svend K. Petersen-Mahrt, Ian N. Watt, Reuben S. Harris, Cristina Rada, & Michael S. Neuberger.** 2004. “Comparison of the Differential Context-dependence of DNA Deamination by APOBEC Enzymes: Correlation with Mutation Spectra *in Vivo*.” *Journal of Molecular Biology* **337** (26 March): 585-596.

- Beall, Cynthia M.** 2007. "Two routes to functional adaptation: Tibetan and Andean high-altitude natives." *Proceedings of the National Academy of Sciences* **104** (15 May): 8655-8660.
- Beall, Cynthia M., Gianpiero L. Cavalleri, Libin Deng, Robert C. Elston, Yang Gao, Jo Knight, Chaohua Li, Jiang Chuan Li, Yu Liang, Mark McCormack, Hugh E. Montgomery, Hao Pan, Peter A. Robbins, Kevin V. Shianna, Siu Cheung Tam, Ngodrop Tsering, Krishna R. Veeramah, Wei Wang, Puchung Wangdui, Michael E. Weale, Yaomin Xu, Zhe Xu, Ling Yang, M. Justin Zaman, Changqing Zeng, Li Zhang, Xianglong Zhang, Pingcuo Zhaxi, & Yong Tang Zheng.** 2010. "Natural selection on *EPAS1 (HIF2a)* associated with low hemoglobin concentration in Tibetan highlanders." *Proceedings of the National Academy of Sciences* **107** (22 June): 11459-11464.
- Beament, Emily.** 2008. "Doubt is cast over global warming." *Origins* posting of *The Herald* (Sydney, Australia) May article (online pdf at www.alcazar.net accessed 6/15/2011).
- Beamon, Todd.** 2013. "DAR: Reports on Religious Changes Untrue." *Newsmax.com* posting 3 January (online text at archive.newsmax.com accessed 1/4/2013).
- Bean, Heather D., Yinghong Sheng, James P. Collins, Frank A. L. Anet, Jerzy Leszczynski, & Nicholas V. Hud.** 2007. "Formation of a β -Pyrimidine Nucleoside by a Free Pyrimidine Base and Ribose in a Plausible Prebiotic Reaction." *Journal of the American Chemical Society* **129** (8 August): 9556-9557.
- Bear, Adam, & David G. Rand.** 2016a. "Intuition, deliberation, and the evolution of cooperation." *Proceedings of the National Academy of Sciences* **113** (26 January): 936-941.
- . 2016b. "Reply to Myrseth and Wollbrant: Our model is consistent with altruism, and helps to explain its evolution." *Proceedings of the National Academy of Sciences* **113** (3 May): E2473.
- Beard, Jonathan.** 1993. "Technology: How a supercontinent went to pieces." *New Scientist* (16 January): online text accessed 6/3/2017 (newscientist.com).
- Beard, K. Christopher.** 2002. "Mammalian Dispersal at the Paleocene/Eocene Boundary." *Science* **295** (15 March): 2062-2065.
- . 2008a. "The oldest North American primate and mammalian biogeography during the Paleocene-Eocene Thermal Maximum." *Proceedings of the National Academy of Sciences* **105** (11 March): 3815-3818.
- . 2008b. "Reply to Gingerich *et al.*: Oldest North American primate." *Proceedings of the National Academy of Sciences* **105** (10 June): E31.
- Beard, K. Christopher, & Mary R. Dawson.** 1999. "Intercontinental dispersal of Holarctic land mammals near the Paleocene/Eocene boundary; paleogeographic, paleoclimatic and biostratigraphic implications." *Bulletin de la Société Géologique de France* **170** (September): 697-706.
- Beard, K. Christopher, Laurent Marivaux, Yaowalak Chaimanee, Jean-Jacques Jaeger, Bernard Marandat, Paul Tafforeau, Aung Naing Soe, Soe Thura Tun, & Aung Aung Kyaw.** 2009. "A new primate from the Eocene Pondaung Formation of Myanmar and the monophyly of Burmese amphipithecids." *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 September): 3285-3294.
- Beard, Sterling.** 2014. "UConn Professor mocks creationist group, shouts 'praise Darwin!'" *Campus Reform* 5 May posting (online text at campusreform.org accessed 5/16/2014).
- Beardsley, Paul M., Stephen R. Getty, & Paul Numedahl.** 2009. "Explaining Biogeographic Data: Evidence for Evolution." *The American Biology Teacher* **71** (February): 5-9.
- Beardsley, Paul M., Molly A. M. Stuhlsatz, Rebecca A. Kruse, Irene A. Eckstrand, Shefa D. Gordon, & Ward F. Odenwald.** 2011. "Evolution and Medicine: An Inquiry-Based High School Curriculum Supplement." *Evolution: Education & Outreach* **4** (December): 603-612.
- Beardsley, Tim.** 1986. "Fossil bird shakes evolutionary hypothesis." *Nature* **322** (21 August): 677.
- . 1995. "Darwin Denied." *Scientific American* **273** (July): 12, 14.
- . 1997. "The Machinery of Thought." *Scientific American* **277** (August): 78-83.

- . 1998. “Coping with HIV’s Ethical Dilemmas.” *Scientific American* **279** (July): 106-107.
- Bearfabrique*. 1995. “ReMine Victory.” *Bearfabrique* forum undated posting (online text at www.bearfabrique.org accessed 10/12/2011).
- Beasley, Brett**. 2013. “Do Intelligent People Need Religion?” *Religion Dispatches* 22 August posting (online text at religiondispatches.org accessed 10/1/2013).
- Beaton, Margaret J., & Thomas Cavalier-Smith**. 1999. “Eukaryotic non-coding DNA is functional: evidence from the differential scaling of cryptomonad genomes.” *Proceedings of the Royal Society of London B* (Biological Sciences) **266** (22 October): 2053-2059.
- Beattie, Robert**. 2007. “The geological setting and palaeoenvironmental and palaeoecological reconstructions of the Upper Permian insect beds at Belmont, New South Wales, Australia.” *African Invertebrates* (AKA *Annals of the Natal Museum*) **48** (April): 41-57.
- Beatty, John**. 1982. “Classes and Cladists.” *Systematic Zoology* **31** (March): 25-34.
- Beatty, John, & Eric Cyr Desjardins**. 2009. “Natural selection and history.” *Biology and Philosophy* **24** (March): 231-246.
- Beauchamp, Jonathan P.** 2016. “Genetic evidence for natural selection in humans in the contemporary United States.” *Proceedings of the National Academy of Sciences* **113** (12 July): 7774-7779.
- Baudry, Amber A., & Gerald F. Joyce**. 1992. “Directed Evolution of an RNA Enzyme.” *Science* **257** (31 July): 635-641.
- Baumont, Hubertus J. E., Jenna Gallie, Christian Kost, Gayle C. Ferguson, & Paul B. Rainey**. 2009. “Experimental evolution of bet hedging.” *Nature* **462** (5 November): 90-93.
- Bauregard, Mario, & Denyse O’Leary**. 2007. *The Spiritual Brain: A Neuroscientist’s Case for the Existence of the Soul*. New York: HarperOne (HarperCollins).
- Bauregard, Mario, & Jeffrey M. Schwartz**. 2008. “Non-materialist mind.” *New Scientist* **200** (29 November): 23.
- Beauvilain, Alain**. 2008. “The contexts of discovery of *Australopithecus bahreighazali* (Abel) and of *Sahelanthropus tchadensis* (Toumai): unearthed, embedded in sandstone, or surface collected?” *South African Journal of Science* (online @ www.scielo.org.za) **104** (May/June): 165-168.
- Beazley, Tim**. 2006. “Review: Traipsing into Evolution.” *Reports of the National Center for Science Education* **26** (January-April): 1-2.
- Bebenek, Katarzyna, Lars C. Pedersen, & Thomas A. Kunkel**. 2011. “Replication infidelity via a mismatch with Watson-Crick geometry.” *Proceedings of the National Academy of Sciences* **108** (1 February): 1862-1867.
- Bebout, Gray E.** 2007. “Metamorphic chemical geodynamics of subduction zones.” *Earth and Planetary Science Letters* **260** (30 August): 373-393.
- Bebout, Gray E., David W. Scholl, Stephen H. Kirby, & John P. Platt**, eds. 1996. *Subduction: Top to Bottom*. Geophysical Monograph Series 96. Washington, DC: American Geophysical Union.
- Beccaloni, George**. 2010. “Discovery Institute about to publish book on Wallace....” *The Alfred Russel Wallace Website* posting 24 November (online text at wallacefund.info accessed 2/17/2011).
- Becerra, Arturo, Luis Delaye, Sara Islas, & Antonio Lazcano**. 2007. “The Very Early Stages of Biological Evolution and the Nature of the Last Common Ancestor of the Three Major Cell Domains.” *Annual Review of Ecology, Evolution and Systematics* **38**: 361-379.
- Becerra, Judith X.** 2003. “Synchronous coadaptation in an ancient case of herbivory.” *Proceedings of the National Academy of Sciences* **100** (28 October): 12804-12807.
- Becerra, Judith X., Koji Noge, & D. Lawrence Venable**. 2009. “Macroevolutionary chemical escalation in an ancient plant-herbivore arms race.” *Proceedings of the National Academy of Sciences* **106** (27 October): 18062-18066.
- Bechly, Günter**. 2010. “Additions to the fossil dragonfly fauna from the Lower Cretaceous Crato Formation of Brazil (Insecta: Odonata).” *Palaediversity* **3** (Supplement): 11-77.
- Bechly, G., C. Brauckmann, W. Zessin, & E. Gröning**. 2001. “New results concerning the

- morphology of the most ancient dragonflies (Insecta: Odonatoptera) from the Namurian of Hagen-Vorhalle (Germany).” *Journal of Zoological Systematics and Evolutionary Research* **39** (December): 209-226.
- Bechly, Günter, & Rudolf Stockar.** 2011. “The first Mesozoic record of an extinct apterygote insect genus *Dasyleptus* (Insecta: Archaeognatha: Monura: Dasyleptidae) from the Triassic of Monte San Giorgio (Switzerland).” *Palaeodiversity* **4**: 23-37.
- Beck, Charles B.** 1976. “Current status of the Progymnospermopsida.” *Review of Palaeobotany and Palynology* **21** (January): 5-23.
- Beck, Christopher W., Lawrence S. Blumer, & Jakob Habib.** 2013. “Effects of evolutionary history on adaptation in bean beetles, a model system for inquiry-based laboratories.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 5.
- Beck, David A. C., Darwin O. V. Alonso, Daigo Inoyama, & Valerie Daggett.** 2008. “The intrinsic conformational propensities of the 20 naturally occurring amino acids and reflection of these propensities in proteins.” *Proceedings of the National Academy of Sciences* **105** (26 August): 12259-12264.
- Beck, Felix, Kallayane Chawengsaksophak, Paul Waring, Raymond J. Playford, & John B. Furness.** 1999. “Reprogramming of intestinal differentiation and intercalary regeneration in *Cdx2* mutant mice.” *Proceedings of the National Academy of Sciences* **96** (22 June): 7318-7323.
- Beck, Felix, & Emma J. Stringer.** 2010. “The role of *Cdx* genes in the gut and in axial development.” *Biochemical Society Transactions* **38** (April): 353-357.
- Beck, Glenn.** 2001. “Louisiana House Committee: Darwin’s ideology is Racist.” *Glenn Beck 3* May archive posting (online text at www.glennbeck.com accessed 9/12/2002).
- . 2012. “David Barton: The Jefferson Lies.” *Glenn Beck* 18 April posting (online text at www.glennbeck.com accessed 8/23/2013).
- . 2013. “You won’t believe the DOD’s unbelievable definition of an ‘extremist’.” *Glenn Beck* 26 August posting (online text at www.glennbeck.com accessed 8/28/2013).
- . 2014. “Glenn talks to Liberty Counsel’s Mat Staver about the Justina Pelletier case.” *Glenn Beck* 26 February posting (online text at www.glennbeck.com accessed 5/22/2014).
- Beck, Glenn, & Kevin Balfe,** eds, listed writers & contributors: **Steve “Stu” Burguiere, Dan Andros, Brian Sack, Alan Gura, Pat Gray, David Harsanyi, Carol Lynne, Carol Willliott, Claire Calzonetti, Evan Cutler, Joseph Kerry, Kelly Thompson, R. J. Pestritto, Tyler Grimm, Darran Foster, John Bobey, & Paul Starke.** 2009. *Arguing With Idiots: How to Stop Small Minds and Big Government.* London: Threshold Editions (Simon & Schuster).
- Beck, Gregory, & Gail S. Habicht.** 1996. “Immunity and the Invertebrates.” *Scientific American* **275** (November): 60-63, 66.
- Beck, Gregory, Manickam Sugumaran, & Edwin L. Cooper,** eds. 2001. *Phylogenetic Perspectives on the Vertebrate Immune System.* New York: Springer.
- Beck, Melissa A., Cameron P. Goater, Douglas D. Colwell, & Bradley J. Paridon.** 2014. “Fluke abundance versus host age for an invasive trematode (*Dicrocoelium dendriticum*) of sympatric elk and beef cattle in southeastern Alberta, Canada.” *International Journal for Parasitology: Parasites and Wildlife* **3** (December): 263-268.
- Beck, Stephan, & John Trowsdale.** 2000. “The Human Major Histocompatibility Complex: Lessons from the DNA Sequence.” *Annual Review of Genomics and Human Genetics* **1**: 117-137.
- Beck, W. David.** 1982. “Secular Humanism: The Word of Man.” *Fundamentalist Journal* **1** (November): 12-16.
- Becker, Alida.** 2008. “Behind the Wall.” *The New York Times Sunday Book Review* posting 8 June: online text accessed 4/14/2012 (www.nytimes.com).
- Becker, Bernd.** 1993. “An 11,000-year German oak and pine dendrochronology for radiocarbon calibration.” *Radiocarbon* **35** (1): 201-213.
- Becker, Burkhard, & Birger Marin.** 2009. “Streptophyte algae and the origin of embryophytes.” *Annals of Botany* **103** (May): 999-1004.

- Becker, Claude, Jörg Hagmann, Jonas Müller, Daniel Koenig, Oliver Stegle, Karsten Borgwardt, & Detlef Weigel.** 2011. "Spontaneous epigenetic variation in the *Arabidopsis thaliana* methylome." *Nature* **480** (8 December): 245-249.
- Becker, Erin A., Phillip M. Seitzer, Andrew Tritt, David Larsen, Megan Krusor, Andrew I. Yao, Dongying Wu, Dominique Madern, Jonathan A. Eisen, Aaron E. Darling, & Marc T. Facciotti.** 2014. "Phylogenetically Driven Sequencing of Extremely Halophilic Archaea Reveals Strategies for Static and Dynamic Osmo-response." *PLoS Genetics* (online @ plosgenetics.org) **10** (November): e1004784.
- Becker, Herman F.** 1963. "The Fossil Record of the Genus *Rosa*." *The Journal of the Torrey Botanical Society* (AKA *Bulletin of the Torrey Botanical Club*) **90** (March-April): 99-110.
- Becker, Hubert Dominique, & Daniel Kern.** 1998. "*Thermus thermophilus*: A link in evolution of the tRNA-dependent amino acid amidation pathways." *Proceedings of the National Academy of Sciences* **95** (27 October): 12832-12837.
- Becker, Luann.** 2002. "Repeated Blows." *Scientific American* **286** (March): 76-83.
- Becker, Nicole A., & L. James Maher III.** 2015. "High-resolution mapping of architectural DNA binding protein facilitation of a DNA repression loop in *Escherichia coli*." *Proceedings of the National Academy of Sciences* **112** (9 June): 7177-7182.
- Becker, Sidney, Ines Thoma, Amrei Deutsch, Tim Gehrke, Peter Mayer, Hendrik Zipse, & Thomas Carell.** 2016. "A high-yielding, strictly regioselective prebiotic purine nucleoside formation pathway." *Science* **352** (13 May): 833-836.
- Becker, Thorsten.** 2010. "Fine-Scale Modeling of Global Plate Tectonics." *Science* **329** (27 August): 1020-1021.
- Becker, Walt.** 1998. *The Link*. New York: Avon Books.
- Becker-Kerber, Bruno, Mirian Liza Alves Forancelli Pacheco, Isaac Daniel Rudnitzki, Douglas Galante, Fabio Rodrigues, & Juliana de Moraes Leme.** 2017. "Ecological interactions in *Cloudina* from the Ediacaran of Brazil: implications for the rise of animal biomineralization." *Scientific Reports* (online @ www.nature.com/srep/) **7** (14 July): 5482.
- Beckerman, Stephen, Pamela I. Erickson, James Yost, Jhanira Regalado, Lilia Jaramillo, Corey Sparks, Moises Iromenga, & Kathryn Long.** 2009. "Life histories, blood revenge, and reproductive success among the Waorani of Ecuador." *Proceedings of the National Academy of Sciences* **106** (9 June): 8134-8139.
- Beckett, Sean, & Nancy C. Lovell.** 1994. "Dental Disease Evidence for Agricultural Intensification in The Nubian C-Group." *International Journal of Osteoarchaeology* **4**: 223-240.
- Beckiempis, Victoria.** 2013. "Sarah Palin Has a Lump of Coal For Atheists." *Newsweek* posting 19 November: online text accessed 12/5/2013 (www.newsweek.com).
- Becks, Lutz, & Aneil F. Agrawal.** 2010. "Higher rates of sex evolve in spatially heterogeneous environments." *Nature* **468** (4 November): 89-92.
- . 2012. "The Evolution of Sex Is Favoured During Adaptation to New Environments." *PLoS Biology* (online @ plosbiology.org) **10** (May): e1001317.
- Beckwith, Francis J.** 2002. "A Liberty Not Fully Evolved?: The Case of Rodney LeVake and the Right of Public School Teachers to Criticize Darwinism." *San Diego Law Review* **39** (Fall): 1311-1325.
- . 2003. "Intelligent Design in the Schools? Is It Constitutional?" *Christian Research Journal* **25** (4): 1-9.
- . 2006. "It's the Epistemology, Stupid! Science, Public Schools and What Counts as Knowledge," in Dembski (2006b, 105-116).
- . 2007. Letter to the Editor. *Chapman Law Review* **12**: 433.
- . 2010. "How To Be An Anti-Intelligent Design Advocate." *University of St. Thomas Journal of Law & Public Policy* **4** (1): 33-65.
- Beckwith, Michael Bernard.** 2010. "Extended Awareness: The Possibilities of Quantum Consciousness." *Huffington Post* posting 6 July (online text at huffingtonpost.com accessed 7/18/2010).
- Beckwith, Roger.** 1994. "*Essays and Reviews* (1860): The Advance of Liberalism." Church

- Society (England) *Churchman* **108** (1): online text accessed 12/17/2013 (www.churchsociety.org).
- . 2010. “The Creation and Fall of the Angels.” Church Society (England) *Churchman* **108** (1): 37-42.
- Beddall, Barbara G.** 1968. “Wallace, Darwin, and the Theory of Natural Selection: A Study in the Development of Ideas and Attitudes.” *Journal of the History of Biology* **1** (Autumn): 261-323.
- Bedlinger, K.** 2012. “Doing the Karyotype Shuffle: A Survey of Intrabaraminic Variation in Karyotypes and Chromosome Numbers.” Creation Biology Society *Journal of Creation Theology and Science Series B: Life Sciences* **2**: 9-17.
- Bedny, Marina, Alvaro Pascual-Leone, David Dodell-Feder, Evelina Fedorenko, & Rebecca Saxe.** 2011. “Language processing in the occipital cortex of congenitally blind adults.” *Proceedings of the National Academy of Sciences* **108** (15 March): 4429-4434.
- Bedny, Marina, Alvaro Pascual-Leone, & Rebecca R. Saxe.** 2009. “Growing up blind does not change the neural bases of Theory of Mind.” *Proceedings of the National Academy of Sciences* **106** (7 July): 11312-11317.
- Bedrosian, Al.** 2007. “Christianity is America’s true faith.” *The Roanoke Times* (Virginia) posting 10 August: online text accessed 5/16/2014 (ww2.roanoke.com).
- Beeby, Morgan, Deborah A. Ribardo, Caitlin A. Brennan, Edward G. Ruby, Grant J. Jensen, & David R. Henderson.** 2016. “Diverse high-torque bacterial flagellar motors assemble wider stator rings using a conserved protein scaffold.” *Proceedings of the National Academy of Sciences* **113** (29 March): E1917-E1926.
- Beech, Peter L., Thao Nheu, Thomas Schultz, Shane Herbert, Trevor Lithgow, Paul R. Gilson, & Geoffrey I. McFadden.** 2000. “Mitochondrial FtsZ in a Chromophyte Alga.” *Science* **287** (18 February): 1276-1279.
- Beech, Seth.** 2012. “Terrestrial Vertebrate Families on Noah’s Ark.” *Liberty University Senior Thesis* (online text at digitalcommons.liberty.edu accessed 10/22/2014).
- Beekman, Marian, Christa Nederstigt, H. Eka D. Suchiman, Dennis Kremer, Ruud van der Breggen, Nico Lakenberg, Wendimagegn Ghidey Alemayehu, Anton J. M. de Craen, Rudi G. J. Westendorp, Dorret I. Boomsma, Eco J. C. de Geus, Jenine J. Houwing-Duistermaat, Bastiaan T. Heijmans, & P. Eline Slagboom.** 2010. “Genome-wide association study (GWAS)-identified disease risk alleles do not compromise human longevity.” *Proceedings of the National Academy of Sciences* **107** (19 October): 18046-18049.
- Beem, Kate.** 2002. “Ohio emerges as next battleground for schools’ evolution debate.” *The Kansas City Star* (2 April) reprinted at *Access Research Network* 7 April (online text at www.arn.org accessed 4/8/2002).
- Be’er, Avraham, H. P. Zhang, E.-L. Florin, Shelley M. Payne, Eshel Ben-Jacob, & Harry L. Swinney.** 2009. “Deadly competition between sibling bacterial colonies.” *Proceedings of the National Academy of Sciences* **106** (13 January): 428-433.
- Beer, Christian, Markus Reichstein, Enrico Tomelleri, Philippe Ciais, Martin Jung, Nuno Carvalhais, Christian Rödenbeck, M. Altaf Arain, Dennis Baldocchi, Gordon B. Bonan, Alberte Bondeau, Alessandro Cescatti, Gitta Lasslop, Anders Lindroth, Mark Lomas, Sebastiaan Luyssaert, Hank Margolis, Keith W. Oleson, Olivier Rouspard, Elmar Veenendaal, Nicolas Viovy, Christopher Williams, F. Ian Woodward, & Dario Papale.** 2010. “Terrestrial Gross Carbon Dioxide Uptake: Global Distribution and Covariation with Climate.” *Science* **329** (13 August): 834-838.
- Beer H., F. Käppeler, K. Wisshak, & R. A. Ward.** 1981. “¹⁷⁶Lu: Cosmic clock or stellar thermometer?” *The Astrophysical Journal* **46** (August Supplement): 295-317.
- Beer, Hermann, Gerold Walter, R. L. Macklin, & P. J. Patchett.** 1984. “Neutron capture cross sections and solar abundances of ^{160,161}Dy, ^{170,171}Yb, ^{175,176}Lu, and ^{176,177}Hf for the s-process analysis of the radionuclide ¹⁷⁶Lu.” *Physical Review C* (nuclear physics) **30** (August): 464-478.
- Beer, M. E., A. R. King, M. Livio, & J. E. Pringle.** 2004. “How special is the Solar system?”

- Monthly Notices of the Royal Astronomical Society* **354** (November No. 3): 763–768.
- Beerli, Peter, & Joseph Felsenstein.** 2001. “Maximum likelihood estimation of a migration matrix and effective population sizes in *n* subpopulations by using a coalescent approach.” *Proceedings of the National Academy of Sciences* **98** (10 April): 4563–4568.
- Beerling, David J.** 2012. “Atmospheric carbon dioxide: a driver of photosynthetic eukaryote evolution for over a billion years?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (February): 477–482.
- Beerling, David J., & Andrew J. Fleming.** 2007. “Zimmermann’s telome theory of megaphyll leaf evolution: a molecular and cellular critique.” *Current Opinion in Plant Biology* **10** (February): 4–12.
- Beerling, David J., Andrew Fox, David S. Stevenson, & Paul J. Valdes.** 2011. “Enhanced chemistry-climate feedbacks in past greenhouse worlds.” *Proceedings of the National Academy of Sciences* **108** (14 June): 9770–9775.
- Beerling, D. J., C. P. Osborne, & W. G. Chaloner.** 2001. “Evolution of leaf-form in land plants linked to atmospheric CO₂ decline in the Late Palaeozoic era.” *Nature* **410** (15 March): 352–354.
- Beets, Isabel, Tom Janssen, Ellen Meelkop, Liesbet Temmerman, Nick Suetens, Suzanne Rademakers, Gert Jansen, & Liliane Schoofs.** 2012. “Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in *C. elegans*.” *Science* **338** (26 October): 543–545.
- Begall, Sabine, Jaroslav Červený, Julia Neef, Oldřich Vojtěch, & Hynek Burda.** 2008. “Magnetic alignment in grazing and resting cattle and deer.” *Proceedings of the National Academy of Sciences* **105** (9 September): 13451–13455.
- Begelman, Mitchell C.** 2003. “Evidence for Black Holes.” *Science* **300** (20 June): 1898–1903.
- Begemann, F., K. R. Ludwig, G. W. Lugmair, K. Min, L. E. Nyquist, P. J. Patchett, P. R. Renne, C.-Y. Shih, I. M. Villa, & R. J. Walker.** 2001. “Call for an improved set of decay constants for geochronological use.” *Geochimica et Cosmochimica Acta* **65** (1 January): 111–121.
- Begerow, Dominik, Matthias Stoll, & Robert Bauer.** 2006. “A phylogenetic hypothesis of Ustilaginomycotina based on multiple gene analyses and morphological data.” *Mycologia* **98** (November/December): 906–916.
- Begg, P. R.** 1954. “Stone Age man’s dentition: With reference to anatomically correct occlusion, the etiology of macroocclusion, and a technique for its treatment.” *American Journal of Orthodontics* **40** (April): 298–312.
- Beggan, C. D., K. A. Whaler, & S. Macmillan.** 2009. “Biased residuals of core flow models from satellite-derived ‘virtual observatories’.” *Geophysical Journal International* (AKA *Geophysics Journal of the Royal Astronomical Society*) **177** (May): 463–475.
- Beggrow, Elizabeth P., & Ross H. Nehm.** 2012. “Students’ Mental Models of Evolutionary Causation: Natural Selection and Genetic Drift.” *Evolution: Education & Outreach* **5** (September): 429–444.
- Begley, C. Glenn & Lee M. Ellis.** 2012. “Raise standards for preclinical cancer research.” *Nature* **483** (29 March): 465–466.
- Bègue, Laurent, & Dominique Muller.** 2006. “Belief in a just world as moderator of hostile attributional bias.” *British Journal of Social Psychology* **45** (March): 117–126.
- Begun, David J., Heather A. Lindfors, Melissa E. Thompson, & Alisha K. Holloway.** 2006. “Recently Evolved Genes Identified From *Drosophila yakuba* and *D. erecta* Accessory Gland Expressed Sequence Tags.” *Genetics* **172** (March): 1675–1681.
- Begun, David R.** 2003. “Planet of the Apes.” *Scientific American* **289** (August): 74–83.
- . 2004. “The Earliest Hominins—Is Less More?” *Science* **303** (5 March): 1478.
- Begun, David R., Brenda R. Benefit, & Monte L. McCrossin,** with Response by **Kelley, Jay, Steve Ward, Barbara Brown, Andrew Hill, & Will Downs.** 2000. “Middle Miocene Hominoid Origins.” *Science* **287** (31 March): 2375.
- Begun, D. R., B. G. Richmond, & D. S. Strait.** 2007. “Comment on ‘Origin of Human Bipedalism As an Adaptation for Locomotion on Flexible Branches’.” *Science* **318** (16

- November): 1066.
- Beh, T. P.** 2014. “Allosaurus: The true story of one of the most significant fossil finds in creationist history.” *Jen’s Gems—Doug Phillips’ Ecclesiastical Tyranny and Abuse* (Jen Fishburne) posting (online pdf at jensgems.wordpress.com accessed 2/6/2017).
- Behe, Celeste.** 2012. “Discovery Institute Fellow Is Dedicated to Christian Unity: Jay Richards discusses his transformation from Calvinist to Catholic.” *National Catholic Register* 24 October posting (online text at www.ncregister.com accessed 9/30/2013).
- Behe, Michael J.** 1991. “Understanding Evolution.” *Science* **253** (30 August): 951.
- . 1995. “An overabundance of long oligopurine tracts occurs in the genome of simple and complex eukaryotes.” *Nucleic Acids Research* **23** (25 February): 689-695.
- . 1996a. *Darwin’s Black Box: The Biochemical Challenge to Evolution*. New York: The Free Press.
- . 1996b. “Evidence for Intelligent Design from Biochemistry.” *Center for Science & Culture* posting of speech delivered 10 August at Discovery Institute’s “God & Culture Conference” (online text at discovery.org accessed 7/11/2011).
- . 1997. “The Sterility of Darwinism.” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- . 1998a. “Molecular Machines: Experimental Support for the Design Interface.” *Cosmic Pursuit* **1** (Spring): 27-35.
- . 1998b. “Michael Behe: The Critics Can’t Appeal to Evidence.” *Cosmic Pursuit* **1** (Spring): 48-51.
- . 1998c. “Tracts of Adenosine and Cytidine Residues in the Genomes of Prokaryotes and Eukaryotes.” *Mitochondrial DNA (AKA DNA Sequence)* **8** (6): 375-383.
- . 1999a. “God ... Sort Of.” *First Things* (June/July): 42-45.
- . 1999b. “Teach Evolution and Ask Hard Questions.” *New York Times* (13 August) posting at *Access Research Network* (online text at www.arn.org accessed 6/18/2001).
- . 1999c. “Darwin’s Hostages.” *The American Spectator* **32** (December): 32-36.
- . 2000a. “Self-Organization and Irreducibly Complex Systems: A Reply to Shanks and Joplin.” *Philosophy of Science* **67** (March): 155-162.
- . 2000b. “Intelligent Design Is Not Creationism.” *Science* E-letter posting 7 July (online text at sciencemag.org accessed 1/9/2008).
- . 2000c. “A Mousetrap Defended: Response to Critics.” *Discovery Institute* 31 July piece posted 8 November 2001 at *Access Research Network* (online text at www.arn.org accessed 7/7/2011).
- . 2000d. “A True Acid Test: Response to Ken Miller.” *Discovery Institute* 31 July piece posted 8 November 2001 at *Access Research Network* (online text at www.arn.org accessed 7/7/2011).
- . 2000e. “Philosophical Objections to Intelligent Design.” *Discovery Institute* 31 July piece posted 8 November 2001 at *Access Research Network* (online text at www.arn.org accessed 7/7/2011).
- . 2000f. “In Defense of the Irreducibility of the Blood Clotting Cascade: Response to Russell Doolittle, Ken Miller and Keith Robison.” *Center for Science & Culture* 31 July posting (online text at discovery.org accessed 7/11/2011).
- . 2000g. “Irreducible Complexity and the Evolutionary Literature: Response to Critics.” *Center for Science & Culture* 31 July posting (online text at discovery.org accessed 7/11/2011).
- . 2000h. “A Response to Critics of Darwin’s Black Box.” *International Society For Complexity, Information, and Design* posting (online pdf at iscid.org accessed 4/10/2010).
- . 2000i. “Evidence for Design at the Foundation of Life,” in Behe *et al.* (2000, 113-129).
- . 2000j. “Answering Scientific Criticisms of Intelligent Design,” in Behe *et al.* (2000, 133-149).
- . 2001a. “Behe Responds to Shanks and Joplin.” *Reports of the National Center for Science Education* **21** (May-August): 15.
- . 2001b. “Fatuous Filmmaking.” *Review Evolution* 28 September posting of

- WorldNetDaily* article (online text at www.reviewevolution.com accessed 2/26/2002).
- . 2001c. “Reply to My Critics: A Response to Reviews of *Darwin’s Black Box: The Biochemical Challenge to Evolution*.” *Biology and Philosophy* **16** (November): 685-709.
- . 2002. “The Challenge of Irreducible Complexity.” *Natural History* **111** (April): 74.
- . 2003. “A Functional Pseudogene?: An Open Letter to Nature.” *Access Research Network* 13 May posting (online text at www.arn.org accessed 6/2/2003).
- . 2004. “Irreducible Complexity: *Obstacle to Darwinian Evolution*,” in Dembski & Ruse (2004, 352-370).
- . 2005a. “Best of Behe: Design for Living.” Discovery Institute *Evolution News & Views* 25 November 2016 reposting of 7 February *New York Times* piece (online text at evolutionnews.org accessed 12/1/2016).
- . 2005b. “APPENDIX II TAB A: Federal Rule of Civil Procedure 26 Disclosure of Expert Testimony” (24 March) re: *Kitzmiller v. Dover Area School District* (online pdf at ncse.com accessed 7/4/2014).
- . 2005c. “Rebuttal Analysis of Kenneth Miller’s Statement” (15 May) re: *Kitzmiller v. Dover Area School District* (online pdf at ncse.com accessed 7/4/2014).
- . 2005d. “The Argument for Intelligent Design in Biology.” PowerPoint Lecture posting (online ppt at www.crossroadsnyc.com accessed 6/8/2012).
- . 2005e. “The Argument for Intelligent Design in Biology.” PowerPoint Lecture posting (online ppt at stormyfx.fx.addr.com accessed 6/11/2012).
- . 2006a. “Whether Intelligent Design is Science: A Response to the Opinion of the Court in *Kitzmiller vs Dover Area School District*.” *Center for Science & Culture* posting (online pdf at discovery.org accessed 6/11/2012).
- . 2006b. “From Muttering to Mayhem: How Phillip Johnson Got Me Moving,” in Dembski (2006b, 37-47).
- . 2006c. “The Lamest Attempt Yet to Answer the Challenge Irreducible Complexity Poses for Darwinian Evolution.” *Intelligent Design The Future* 6 April posting (online audio at www.idthefuture.com accessed 12/3/2008).
- . 2007a. Expert Witness Report (2 April) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via ncse.com/creationism/legal/acsi-v-stearns accessed 10/25/2010).
- . 2007b. *The Edge of Evolution: The Search for the Limits of Darwinism*. New York: The Free Press.
- . 2007c. “Irreducible Complexity: Obstacle to Darwinian Evolution.” *Professorenforum-Journal* **8** (3): 3-11.
- . 2007d. “Response to Critics, Part 1: Jerry Coyne.” *Uncommon Descent* posting 24 June (online text at uncommondescent.com accessed 8/13/2014).
- . 2007e. “Response to Critics, Part 2: Sean Carroll.” *Uncommon Descent* posting 26 June (online text at uncommondescent.com accessed 8/13/2014).
- . 2007f. “Back and Forth with Jerry Coyne, Part 1.” *Uncommon Descent* posting 8 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007g. “Back and Forth with Jerry Coyne, Part 2.” *Uncommon Descent* posting 9 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007h. “Back and Forth with Jerry Coyne, Part 3.” *Uncommon Descent* posting 10 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007i. “Response to Kenneth R. Miller.” *Uncommon Descent* posting 11 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007j. “Response to Kenneth R. Miller, Continued.” *Uncommon Descent* posting 12 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007k. “Response to Richard Dawkins.” *Uncommon Descent* posting 16 July (online text at uncommondescent.com accessed 8/13/2014).
- . 2007l. “the Colbert Report.” *Uncommon Descent* posting 3 August (online text at uncommondescent.com accessed 8/13/2014).
- . 2007m. “Beyond the Edge of Evolution: The New York Times Story.” *Uncommon Descent* posting 24 August (online text at uncommondescent.com accessed 8/13/2014).

- . 2007n. “Science, E. coli, and the Edge of Evolution: Part 1.” *Uncommon Descent* posting 9 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007o. “Science, E. coli, and the Edge of Evolution: Part 2.” *Uncommon Descent* posting 11 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007p. “Microbe Magazine and the Bacterial Flagellum: Part 3.” *Uncommon Descent* posting 12 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007q. “Korthof and Pseudogenes: Part 4.” *Uncommon Descent* posting 15 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007r. “Back and forth with Sean Carroll in Science.” *Uncommon Descent* posting 17 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007s. “Kenneth R. Miller and the Problem of Evil, Part 1.” *Uncommon Descent* posting 24 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007t. “Kenneth R. Miller and the Problem of Evil, Part 2.” *Uncommon Descent* posting 25 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007u. “Kenneth R. Miller and the Problem of Evil, Part 3.” *Uncommon Descent* posting 26 October (online text at uncommondescent.com accessed 8/13/2014).
- . 2007v. “Trends in Ecology and Evolution follows the trend, Part I.” *Uncommon Descent* posting 2 November (online text at uncommondescent.com accessed 8/13/2014).
- . 2007w. “Trends in Ecology and Evolution follows the trend, Part II.” *Uncommon Descent* posting 5 November (online text at uncommondescent.com accessed 8/13/2014).
- . 2008. “Darwin’s Black Box: Is Irreducible Complexity Still a Conundrum for Darwinism?” in House (2008a, 115-129).
- . 2009a. “Miller vs. Luskin, Part 2.” *Uncommon Descent* posting 15 January (online text at uncommondescent.com accessed 7/28/2011).
- . 2009b. “Waiting Longer for Two Mutations.” *Genetics* **181** (February): 819-820.
- . 2009c. “‘The Old Enigma,’ Part 1 of 3.” *Uncommon Descent* posting 31 March (online text at uncommondescent.com accessed 11/21/2010).
- . 2009d. “‘The Old Enigma,’ Part 2 of 3.” *Uncommon Descent* posting 2 April (online text at uncommondescent.com accessed 11/21/2010).
- . 2009e. “‘The Old Enigma,’ Part 3 of 3.” *Uncommon Descent* posting 2 April (online text at uncommondescent.com accessed 11/21/2010).
- . 2009f. “Letter to Science.” *Michael Behe’s Amazon Blog* for 21 May (online text at www.amazon.com/gp/blog/post/PLNKMARVIW62Q7BE accessed 5/26/2009).
- . 2009g. “‘Reducible complexity’ in PNAS.” *Michael Behe’s Blog* posting 14 September (online text at behe.uncommondescent.com accessed 5/14/2011).
- . 2009h. “*Nature* Publishes Paper on the Edge of Evolution.” *Discovery Institute Evolution News & Views* for 30 September (online text at evolutionnews.org accessed 11/5/2009).
- . 2009i. “*Nature* Paper Reaches ‘Edge of Evolution’ and Finds Darwinian Processes Lacking.” *Discovery Institute Evolution News & Views* for 6 October (online text at evolutionnews.org accessed 11/5/2009).
- . 2009j. “Dollo’s law, the symmetry of time, and the edge of evolution.” *Discovery Institute Evolution News & Views* for 12 October (online text at evolutionnews.org accessed 11/5/2009).
- . 2009k. “Piddling Pebbles and Empty Promises: Response to Carl Zimmer and Joseph Thornton.” *Discovery Institute Evolution News & Views* for 26 October (online text at evolutionnews.org accessed 6/25/2014).
- . 2009l. “Response to Carl Zimmer and Joseph Thornton, Part 1.” *Uncommon Descent* posting 27 October (online text at uncommondescent.com accessed 11/21/2010).
- . 2009m. “Hot So Many Pathways: Response to Carl Zimmer and Joseph Thornton.” *Discovery Institute Evolution News & Views* for 26 October (online text at evolutionnews.org accessed 6/25/2014).
- . 2009n. “Response to Carl Zimmer and Joseph Thornton, Part 2.” *Uncommon Descent* posting 27 October (online text at uncommondescent.com accessed 11/21/2010).
- . 2009o. “Severe Limits to Darwinian Evolution: Response to Carl Zimmer and Joseph

- Thornton.” Discovery Institute *Evolution News & Views* for 28 October (online text at *evolutionnews.org* accessed 6/25/2014).
- . 2009p. “Response to Carl Zimmer and Joseph Thornton, Part 3.” *Uncommon Descent* posting 28 October (online text at *uncommondescent.com* accessed 11/21/2010).
- . 2009q. “Probability and Controversy: Response to Carl Zimmer and Joseph Thornton.” Discovery Institute *Evolution News & Views* for 29 October (online text at *evolutionnews.org* accessed 6/25/2014).
- . 2009r. “Response to Carl Zimmer and Joseph Thornton, Part 4.” *Uncommon Descent* posting 29 October (online text at *uncommondescent.com* accessed 11/21/2010).
- . 2010a. “Misusing Protistan Examples to Propagate Myths about Intelligent Design.” *Uncommon Descent* posting 15 February (online text at *uncommondescent.com* accessed 11/21/2010).
- . 2010b. “Dave Ussery Ruminates about *The Edge of Evolution*.” Discovery Institute *Evolution News & Views* for 18 November (online text at *evolutionnews.org* accessed 11/20/2010).
- . 2010c. “Experimental Evolution, Loss-of-Function Mutations, and ‘The First Rule of Adaptive Evolution’.” *The Quarterly Review of Biology* **85** (December): 419-445.
- . 2010d. “‘The First Rule of Adaptive Evolution’: Break or blunt any functional coded element whose loss would yield a net fitness gain.” *Uncommon Descent* posting 13 December (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2010e. “Methinks New PNAS Paper Is Like a Weasel.” Discovery Institute *Evolution News & Views* for 14 December (online text at *evolutionnews.org* accessed 12/15/2010).
- . 2010f. “The First Rule of Adaptive Evolution: A Reply to Jerry Coyne.” *Uncommon Descent* posting 17 December (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2010g. “More from Jerry Coyne.” *Uncommon Descent* posting 24 December (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2011a. “Even more from Jerry Coyne.” *Uncommon Descent* posting 12 January (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2011b. “Richard Lenski, ‘evolvability’, and tortuous Darwinian pathways.” *Uncommon Descent* posting 15 April (online text at *behe.uncommondescent.com* accessed 5/14/2011).
- . 2011c. “‘Irremediable Complexity’.” *Uncommon Descent* posting 19 August (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2011d. “Wheel of Fortune: New Work by Thornton’s Group Supports Time-Symmetric Dollo’s Law.” *Uncommon Descent* posting 5 October (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2012a. “A Blind Man Carrying a Legless Man Can Safely Cross the Street.” *Uncommon Descent* posting 11 January (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2012b. “More Darwinian Degradation.” *Uncommon Descent* posting 24 January (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2012c. “One Small Step Sideways, Two Huge Steps Back.” *Uncommon Descent* posting 31 January (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2012d. “Hagiography for *Nature*’s Faithful.” Discovery Institute *Evolution News & Views* for 23 March (online text at *evolutionnews.org* accessed 6/25/2014).
- . 2012e. “To Traverse a Maze, It Helps to Have a Mind.” Discovery Institute *Evolution News & Views* for 7 November (online text at *evolutionnews.org* accessed 11/13/2012).
- . 2012f. “Rose-Colored Glasses: Lenski, Citrate, and BioLogos.” Discovery Institute *Evolution News & Views* for 13 November (online text at *evolutionnews.org* accessed 4/7/2014).
- . 2013a. “Uncommon Descent.” *Michael Behe’s Blog* undated posting (online text at *behe.uncommondescent.com* accessed 2/17/2013).
- . 2013b. “Section Three—Theoretical Molecular Biology: Introductory Comments,” in Marks *et al.* (2013a, 415-417).
- . 2013c. “Getting There First: An Evolutionary Rate Advantage for Adaptive Loss-of-

- Function Mutations,” in Marks *et al.* (2013a, 450-473).
- . 2013d. “A New Gene Fits in Without a Ripple.” Discovery Institute *Evolution News & Views* for 11 June (online text at *evolutionnews.org* accessed 6/15/2013).
- . 2013e. “Marshall McLuhan Responds to the *National Catholic Register*.” Discovery Institute *Evolution News & Views* for 18 November (online text at *evolutionnews.org* accessed 11/22/2013).
- . 2013f. “Merry Christmas! It’s #8 of Our Top-Ten Evolution Stories of 2013: Lenski’s Long-Term Evolution Experiments, 25 Years and Counting.” Discovery Institute *Evolution News & Views* 25 December repost of 21 November entry (online text at *evolutionnews.org* accessed 1/1/2014).
- . 2014a. “From Thornton’s Lab, More Strong Experimental Support for a Limit to Darwinian Evolution.” Discovery Institute *Evolution News & Views* for 23 June (online text at *evolutionnews.org* accessed 6/25/2014).
- . 2014b. “A Key Inference of *The Edge of Evolution* Has Now Been Experimentally Confirmed.” Discovery Institute *Evolution News & Views* for 14 July (online text at *evolutionnews.org* accessed 7/17/2014).
- . 2014c. “It’s Tough to Make Predictions, Especially About the Future.” Discovery Institute *Evolution News & Views* for 16 July (online text at *evolutionnews.org* accessed 8/13/2014).
- . 2014d. “The Edge of Evolution: Why Darwin’s Mechanism Is Self-Limiting.” Discovery Institute *Evolution News & Views* for 18 July (online text at *evolutionnews.org* accessed 7/24/2014).
- . 2014e. “An Open Letter to Kenneth Miller and PZ Myers.” Discovery Institute *Evolution News & Views* for 21 July (online text at *evolutionnews.org* accessed 8/13/2014).
- . 2014f. “Laurence Moran’s *Sandwalk* Evolves Chloroquine Resistance.” Discovery Institute *Evolution News & Views* for 13 August (online text at *evolutionnews.org* accessed 8/13/2014).
- . 2014g. “Evolution and the Ebola Virus: Pacing a Small Cage.” *Uncommon Descent* posting 24 October (online text at *evolutionnews.org* accessed 10/29/2014).
- . 2014h. “From a 2011 Paper on Bacterial Flagella, Little Comfort for Darwinists.” Discovery Institute *Evolution News & Views* posting for 21 November (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2015a. “Kenneth Miller Resists Chloroquine Resistance.” Discovery Institute *Evolution News & Views* for 14 January (online text at *evolutionnews.org* accessed 1/15/2015).
- . 2015b. “Kenneth Miller Steps on Darwin’s Achilles Heel.” Discovery Institute *Evolution News & Views* for 17 January (online text at *evolutionnews.org* accessed 1/22/2015).
- . 2016a. “New Paper on Flagellum Reveals Secret Obsessions.” Discovery Institute *Evolution News & Views* posting for 18 March (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016b. “Richard Lenski and Citrate Hype—Now Deflated.” Discovery Institute *Evolution News & Views* posting for 12 May (online text at *evolutionnews.org* accessed 5/12/2016).
- . 2016c. “2016 Nobel Prize in Chemistry Points Strongly to Purposeful Design of Life.” Cybercast (formerly Conservative) New Service *CNSnews* 6 December posting (online text at *cnsnews.com* accessed 12/8/2016).
- Behe, Michael J., William A. Dembski, & Stephen C. Meyer**, eds. 2000. *Science and Evidence for Design in the Universe*. San Francisco: Ignatius Press.
- Behe, Michael J., Eaton E. Lattman, & George D. Rose**. 1991. “The protein-folding problem: The native fold determines packing, but does packing determine the native fold?” *Proceedings of the National Academy of Sciences* **88** (15 May): 4195-4198.
- Behe, Michael J., & David W. Snoke**. 2004. “Simulating evolution by gene duplication of protein features that require multiple amino acid residues.” *Protein Science* **13** (October): 2651-2664.
- . 2005. “A response to Michael Lynch.” *Protein Science* **14** (September): 2226-2227.
- Behera, Narayan, & Vidyandand Nanjundiah**. 2004. “Phenotypic Plasticity can Potentiate

- Rapid Evolutionary Change.” *Journal of Theoretical Biology* **226** (21 January): 177-184.
- Beheregaray, Luciano B., James P. Gibbs, Nathan Havill, Thomas H. Fritts, Jeffrey R. Powell, & Adalgisa Caccone.** 2004. “Giant tortoises are not so slow: Rapid diversification and biogeographic consensus in the Galápagos.” *Proceedings of the National Academy of Sciences* **101** (27 April): 6514-6519.
- Behl, Richard J.** 2011. “Glacial demise and methane’s rise.” *Proceedings of the National Academy of Sciences* **108** (12 April): 5925-5926.
- Behme, Christina.** 2008. “Languages as evolving organisms—The solution to the logical problem of language evolution?” *Behavioral and Brain Sciences* **31** (5): 512-513.
- Behnke, Julia, Melissa J. Mann, Fei-Lin Scruggs, Matthias J. Fiege, & Linda M. Hendershot.** 2016. “Members of the Hsp70 Family Recognize Distinct Types of Sequences to Execute ER Quality Control.” *Molecular Cell* **63** (1 September): 739-752.
- Behnke, Michael S., Asis Khan, John C. Wootton, Jitender P. Dubey, Keliang Tang, & L. David Sibley.** 2011. “Virulence differences in *Toxoplasma* mediated by amplification of a family of polymorphic pseudokinases.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9631-9636.
- Běhouňková, Marie, Gabriel Tobie, Gaël Choblet, & Ondřej Čadek.** 2013. “Impact of tidal heating on the onset of convection in Enceladus’ ice shell.” *Icarus* **226** (September-October): 898-904.
- Behrendt, Ralf-Peter.** 2006. “The social environment compresses the diversity of genetic aberrations into the uniformity of schizophrenia manifestations.” *Behavioral and Brain Sciences* **29** (August): 406-408.
- Behrens, Sarah, & Martin Vingron.** 2010. “Studying the Evolution of Promoter Sequences: A Waiting Time Problem.” *Journal of Computational Biology* **17** (12): 1591-1606.
- Behrens, Timothy E. J., Laurence T. Hunt, & Matthew F. S. Rushworth.** 2009. “The Computation of Social Behavior.” *Science* **324** (29 May): 1160-1164.
- Behrensmeyer, Anna K.** 1984. “Taphonomy and the Fossil Record.” *American Scientist* **72** (November-December): 558-566.
- . 2015. “Four million years of African herbivory.” *Proceedings of the National Academy of Sciences* **112** (15 September): 11428-11429.
- Behrensmeyer, Anna K., Nancy E. Todd, Richard Potts, & Geraldine E. McBrinn.** 1997. “Late Pliocene Faunal Turnover in the Turkana Basin, Kenya and Ethiopia.” *Science* **278** (28 November): 1589-1594.
- Behrmann-Godel, Jasminca, & Gabriele Gerlach.** 2008. “First evidence for postzygotic reproductive isolation between two populations of Eurasian perch (*Perca fluviatilis* L.) within Lake Constance.” *Frontiers in Zoology* (online @ frontiersinzoology.com) **5** (24 January): 3.
- Beier, Andreas, Bojan Zagrovic, & Anton A. Polyansky.** 2014. “On the Contribution of Protein Spatial Organization to the Physicochemical Interconnection between Proteins and Their Cognate mRNAs.” *Life* (Basel) **4** (21 November): 788-799.
- Beier, M., F. Reck, T. Wagner, R. Krishnamurthy, & A. Eschenmoser.** 1999. “Chemical Etiology of Nucleic Acid Structure: Comparing Pentopyranosyl-(2’→4’) Oligonucleotides with RNA.” *Science* **283** (29 January): 699-703.
- Beier, Sara, & Stefan Bertilsson.** 2013. “Bacterial chitin degradation—mechanisms and ecophysiological strategies.” *Frontiers in Microbiology* (online @ frontiersin.org) **4** (14 June): 149.
- Beiko, Robert G.** 2012. “Telling the whole story in a 10,000-genome world.” *Biology Direct* (online @ biomedcentral.com) **6** (30 June): 34.
- Beil, Laura.** 2008. “Opponents of Evolution Are Adopting New Strategy.” *New York Times* (4 June): A13-14, A16.
- Beilock, Sian L., Elizabeth A. Gunderson, Gerardo Ramirez, & Susan C. Levine.** 2010. “Female teachers’ math anxiety affects girls’ math achievement.” *Proceedings of the National Academy of Sciences* **107** (2 February): 1860-1863.
- Beilstein, Mark A., Nathalie S. Nagalingum, Mark D. Clements, Steven R. Manchester, &**

- Sarah Mathews.** 2010. "Dated molecular phylogenies indicate a Miocene origin for *Arabidopsis thaliana*." *Proceedings of the National Academy of Sciences* **107** (26 October): 18724-18728.
- Beirich, Heidi.** 2013. "Volksfront: The Leadership." *SPLC Intelligence Report* (Winter): 29-32.
- Beirich, Heidi, & Mark Potok.** 2016. "The Council for National Policy: Behind the Curtain." *Southern Poverty Law Center* 17 May posting (online text at www.splcenter.org accessed 8/19/2016).
- Beischlag, Timothy V., J. Luis Morales, Brett D. Hollingshead, & Gary H. Perdew.** 2008. "The Aryl Hydrocarbon Receptor Complex and the Control of Gene Expression." *Critical Reviews in Eukaryotic Gene Expression* **18** (3): 207-250.
- Beisel, K. W., & B. Fritsch.** 2004. "Keeping Sensory Cells and Evolving Neurons to Connect Them to the Brain: Molecular Conservation and Novelties in Vertebrate Ear Development." *Brain, Behavior and Evolution* **64** (3): 182-197.
- Beisner, E. Calvin.** 2010a. "The Competing World Views of Environmentalism and Christianity." *The Cornwall Alliance for the Stewardship of Creation* posting (online text at cornwallalliance.org accessed 12/22/2010).
- . 2010b. "Climate Policy: Theological, Scientific, and Economic Considerations." *The Cornwall Alliance for the Stewardship of Creation* posting of "A Panel Presentation to the Fourth International Conference on Climate Change, Chicago, IL, May 16-18" (online text at cornwallalliance.org accessed 12/22/2010).
- Beisswanger, Steffen, & Wolfgang Stephan.** 2008. "Evidence that strong positive selection drives neofunctionalization in the tandemly duplicated *polyhomeotic* genes in *Drosophila*." *Proceedings of the National Academy of Sciences* **105** (8 April): 5447-5452.
- Béjà, Oded, & Janos K. Lanyi.** 2014. "Nature's toolkit for microbial rhodopsin ion pumps." *Proceedings of the National Academy of Sciences* **111** (6 May): 6538-6539.
- Bejan, A., J. D. Charles, & S. Lorente.** 2014. "The evolution of airplanes." *Journal of Applied Physics* **116** (28 July): 044901.
- Bejder, Lars, & Brian K. Hall.** 2002. "Limbs in whales and limblessness in other vertebrates: mechanisms of evolutionary and developmental transformation and loss." *Evolution & Development* **4** (November-December): 445-458.
- Bejerano, Gill, Craig B. Lowe, Nadav Ahituv, Bryan King, Adam Siepel, Sofie R. Salama, Edward M. Rubin, W. James Kent, & David Haussler.** 2006. "A distal enhancer and an ultraconserved exon are derived from a novel retroposon." *Nature* **441** (4 May): 87-90.
- Bejerano, Gill, Michael Pheasant, Igor Makunin, Stuart Stephen, W. James Kent, John S. Mattick, & David Haussler.** 2004. "Ultraconserved Elements in the Human Genome." *Science* **304** (28 May): 1321-1325.
- Bejnar, Craig R., & Robert H. Lessard.** 1976. "Paleocurrents and Depositional Environments of the Dakota Group San Miguel and Mora Counties, New Mexico." *New Mexico Geological Society 27th Field Conference Guidebook, Vermejo Park*: 157-163.
- Bekker, Andrey, Mark E. Barley, Marco L. Fiorentini, Olivier J. Rouxel, Douglas Rumble, & Stephen W. Beresford.** 2009. "Atmospheric Sulfur in Archean Komatiite-Hosted Nickel Deposits." *Science* **326** (20 November): 1086-1089.
- Bekker, Andrey, John F. Slack, Noah Planavsky, Bryan Krape, Axel Hofmann, Kurt O. Konhauser, & Olivier J. Rouxel.** 2010. "Iron Formation: The Sedimentary Product of a Complex Interplay among Mantle, Tectonic, Oceanic, and Biospheric Processes." *Economic Geology* **105** (May): 467-508.
- Bekoff, Marc.** 2001. "Science, Religion, Cooperation, and Social Morality." *BioScience* **51** (March): 171.
- . 2002. *Minding Animals: Awareness, Emotions, and Heart*. Oxford: Oxford University Press.
- . 2008. "Do animals have emotions?" in Benton (2008a, 244-247).
- Belanger, Christina L., David Jablonski, Kaustuv Roy, Sarah K. Berke, Andrew Z. Krug, & James W. Valentine.** 2012. "Global environmental predictors of benthic marine biogeography." *Proceedings of the National Academy of Sciences* **109** (28 August): 14046-

14051.

- Belaústegui, Zain, Fernando Muñiz, James H. Nebelsick, Rosa Domènech, & Jordi Martinell.** 2017. “Echinoderm ichnology: bioturbation, bioerosion and related processes.” *Journal of Paleontology* **91** (July): 643-661.
- Belcher, Claire M., Margaret E. Collinson, Andrew C. Scott, Arthur R. Sweet, & Alan R. Hildebrand.** 2003. “Fireball passes and nothing burns—The role of thermal radiation in the Cretaceous-Tertiary event: Evidence from the charcoal record of North America.” *Geology* **31** (December): 1061-1064.
- Belcher, Claire M., Paul Finch, Margaret E. Collinson, Andrew C. Scott, & Nathalie V. Grassineau.** 2009. “Geochemical evidence for combustion of hydrocarbons during the K-T impact event.” *Proceedings of the National Academy of Sciences* **106** (17 March): 4112-4117.
- Belcher, Claire M., Rory M. Hadden, Guillermo Rein, Joanna V. Morgan, Natalia Artemieva, & Tamara Goldin.** 2015. “An experimental assessment of the ignition of forest fuels by the thermal pulse generated by the Cretaceous-Palaeogene impact at Chicxulub.” *Journal of the Geological Society, London* **172** (March): 153-156.
- Belcher, Claire M., Luke Mander, Guillermo Rein, Freddy X. Jervis, Matthew Haworth, Stephen P. Hesselbo, Ian J. Glasspool, & Jennifer C. McElwain.** 2010. “Increased fire activity at the Triassic/Jurassic boundary in Greenland due to climate-driven floral change.” *Nature Geoscience* **3** (June): 426-429.
- Belcher, Claire M., Jonathan M. Yearsley, Rory M. Hadden, Jennifer C. McElwain, & Guillermo Rein.** 2010. “Baseline intrinsic flammability of Earth’s ecosystems estimated from paleoatmospheric oxygen over the past 350 million years.” *Proceedings of the National Academy of Sciences* **107** (28 December): 22448-22453.
- Beldade, Patricia, Kees Koops, & Paul M. Brakefield.** 2002. “Modularity, individuality, and evo-devo in butterfly wings.” *Proceedings of the National Academy of Sciences* **99** (29 October): 14262-14267.
- Belenky, Alexander.** 2011. “Michele Bachmann Talks Evolution, Intelligent Design At Republican Leadership Conference 2011.” *Huffington Post* posting 17 June (online text at huffingtonpost.com accessed 6/28/2011).
- Belw, Ashton Trey, Arturas Meskauskas, Sharmishtha Musalgaonkar, Vivek M. Advani, Sergey O. Sulima, Wojciech K. Kasprzak, Bruce A. Shapiro, & Jonathan D. Dinman.** 2014. “Ribosomal frameshifting in the *CCR5* mRNA is regulated by miRNAs and the NMD pathway.” *Nature* **512** (21 August): 265-269.
- Beleza, Sandra, António M. Santos, Brian McEvoy, Isabel Alves, Cláudia Martinho, Emily Cameron, Mark D. Shriver, Esteban J. Parra, & Jorge Rocha.** 2013. “The Timing of Pigmentation Lightening in Europeans.” *Molecular Biology and Evolution* **30** (January): 24-35.
- Belfort, Marlene, M. Joan Curcio, & Neil F. Lue.** 2011. “Telomerase and retrotransposons: Reverse transcriptases that shaped genomes.” *Proceedings of the National Academy of Sciences* **108** (20 December): 20304-20310.
- Belfort, Marlene, & Alan Weiner.** 1997. “Another Bridge between Kingdoms: tRNA Splicing in Archaea and Eukaryotes.” *Cell* **89** (27 June): 1003-1006.
- Belhocine, Kamila, Isabelle Plante, & Benoit Cousineau.** 2004. “Conjugation mediates transfer of the LI.LtrB group II intron between different bacterial species.” *Molecular Microbiology* **51** (March): 1459-1469.
- Beliefnet.** 2014a. “7 Reasons We Need Prayer Back in Schools.” *Beliefnet* October posting (online text at beliefnet.com accessed 10/20/2014).
- . 2014b. “7 Mysterious Creatures That Stood the Test of Time.” *Beliefnet* October posting (online text at beliefnet.com accessed 10/21/2014).
- Beljantseva, Jelena, Pavel Kudrin, Liis Andresen, Victoria Shingler, Gemma C. Atkinson, Tanel Tenson, & Vasili Haurlyuk.** 2017. “Negative allosteric regulation of *Enterococcus faecalis* small alarmone synthetase RelQ by single-stranded RNA.” *Proceedings of the National Academy of Sciences* **114** (4 April): 3726-3731.

- Belknap, Michael.** 2012a. “Times of Recession.” *Answers in Genesis* 24 April Demolishing Supposed Bible Contradictions: Volume 2 chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012b. “A Famine of Three or Seven Years?” *Answers in Genesis* 14 August Demolishing Supposed Bible Contradictions: Volume 2 chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- Belknap, Michael, & Tim Chaffey.** 2015. “Reimagining Ark Animals.” *Answers in Genesis* 13 December posting (online text at answersingenesis.org accessed 5/17/2017).
- Bell, Adrian Viliami.** 2014. “Cultural evolution and the way we count.” *Proceedings of the National Academy of Sciences* **111** (28 January): 1227-1228.
- Bell, Adrian V., Peter J. Richerson, & Richard McElreath.** 2009. “Culture rather than genes provides greater scope for the evolution of large-scale human prosociality.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17671-17674.
- Bell, Alison M.** 2007. “Animal personalities.” *Nature* **447** (31 May): 599.
- Bell, Alison M., & Gene E. Robinson.** 2011. “Behavior and the Dynamic Genome.” *Science* **332** (3 June): 1161-1162.
- Bell, C. M.** 1991. “The relationships between sedimentary structures, transport directions and dune types in Mesozoic Aeolian sandstones, Atacama Region, Chile.” *Sedimentology* **38** (April): 289-300.
- Bell, Elizabeth A., Patrick Boehnke, T. Mark Harrison, & Wendy L. Mao.** 2015. “Potentially biogenic carbon preserved in a 4.1 billion-year-old zircon.” *Proceedings of the National Academy of Sciences* **112** (24 November): 14518-14521
- Bell, G. L. Jr., & M. J. Polcyn.** 2005. “*Dallasaurus turneri*, a new primitive mosasaurid from the Middle Turonian of Texas and comments on the phylogeny of Mosasauridae (Squamata).” *Netherlands Journal of Geosciences* **84** (September): 177-194.
- Bell, Graham.** 2015. “Every inch a finch: a commentary on Grant (1993) ‘Hybridization of Darwin’s finches on Isla Daphne Major, galapagos.’” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (19 April): 20140287.
- Bell, Larry.** 2013. “The New York Times’ Global Warming Hysteria Ignores 17 Years Of Flat Global Temperatures.” *Forbes* posting 21 August (online text at www.forbes.com accessed 3/24/2015).
- Bell, M. B., & D. McDiarmid.** 2006. “Six Peaks in the Redshift Distribution of 46,400 SDSS Quasars Agree With the Preferred Redshifts Predicted By the Decreasing Intrinsic Redshift Model.” *The Astrophysical Journal* **648** (1 September): 140-147.
- Bell, Melissa.** 2010. “Noah’s ark lands in midst of state and church separation debate.” *The Washington Post blogPOST* 6 December: online text accessed 12/8/2010 (voices.washingtonpost.com).
- Bell, Michael A.** 2008. “Gould’s most cherished concept.” *Trends in Ecology & Evolution* **3** (March): 121-122.
- Bell, Phil R., Eric Snively, & Lara Shychoski.** 2009. “A Comparison of the Jaw Mechanics in Hadrosaurid and Ceratopsid Dinosaurs Using Finite Element Analysis.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1338-1351.
- Bell, Philip B.** 2003a. “A new weed species—does it prove Creation wrong?” *Answers in Genesis Creation* **25** (June): 27.
- . 2003b. “Genetic engineers unwind species barrier: But have they ‘reversed evolution?’” *Answers in Genesis Creation* **25** (September): 52-53.
- . 2004. “The non-evolution of apoptosis.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **18** (1): 86-96.
- Bell, Philip John Livingston.** 2001. “Viral Eukaryogenesis: Was the Ancestor of the Nucleus a Complex DNA Virus?” *Journal of Molecular Evolution* **53** (September): 251-256.
- Bell, Richard P.** 2014. “House Bill No. 207.” Virginia House of Representatives 8 January legislative posting (online text at leg1.state.va.us accessed 1/29/2014).
- Bell, Robin E., Fausto Ferraccioli, Timothy T. Creyts, David Braaten, Hugh Corr, Indrani**

- Das, Detlef Damaske, Nicholas Frearson, Thomas Jordon, Kathryn Rose, Michael Studinger, & Michael Wolovick.** 2011. "Widespread Persistent Thickening of the East Antarctic Ice Sheet by Freezing from the Base." *Science* **331** (25 March): 1592-1595.
- Bell, Stephen D.** 2011. "DNA replication: archaeal oriGINS." *BMC Biology* (online @ biomedcentral.com) **9** (31 May): 36.
- Bell, Stephen P.** 2014. "Terminating the replisome." *Science* **346** (24 October): 418-419.
- Bellamy, Michael.** 2011a. "9.1 THE FALSIFICATION OF EVOLUTION.. (Summary Part 1 of 2)." *The God Law* 12 April posting (online text at vh-by.blogspot.com/au accessed 1/27/2015).
- . 2011b. "9.2 THE FALSIFICATION OF EVOLUTION (Summary Part 2 of 2)." *The God Law* 12 April posting (online text at vh-by.blogspot.com/au accessed 1/27/2015).
- . 2013a. "Appendix 1.1 Entropy." *The God Law* 4 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013b. "Appendix 1.2 Entropy." *The God Law* 11 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013c. "Appendix 1.3 Entropy." *The God Law* 11 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013d. "Appendix 1.4 Entropy." *The God Law* 11 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013e. "Appendix 1.5 Entropy." *The God Law* 14 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013f. "Appendix 2.1 Evolutionary Assumptions." *The God Law* 16 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013g. "Appendix 2.2 Evolutionary Assumptions." *The God Law* 17 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013h. "Appendix 2.3 Evolutionary Assumptions." *The God Law* 18 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013i. "Appendix 2.4 Evolutionary Assumptions." *The God Law* 18 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013j. "Appendix 3.1 Evolutionary Assumptions." *The God Law* 18 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013k. "Appendix 3.2 Evolutionary Assumptions." *The God Law* 18 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013l. "Appendix 3.3 Evolutionary Assumptions." *The God Law* 18 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013m. "Appendix 4.1 Other Laws." *The God Law* 23 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013n. "Appendix 4.2 Other Laws." *The God Law* 27 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- . 2013o. "Appendix 4.3 Other Laws." *The God Law* 27 August posting (online text at vh-by.blogspot.com/au accessed 1/26/2015).
- Bellarmino Report.** 2012. "The Real James Holmes Found." Catholic Apologetics International *The Bellarmine Report* 30 July posting (online text at www.catholicintl.com accessed 8/13/2012).
- Belle, E. M. S., A. Benazzo, S. Ghirotto, V. Colonna, & G. Barbujani.** 2009. "Comparing models on the genealogical relationships among Neandertal, Cro-Magnoid and modern Europeans by serial coalescent simulations." *Heredity* **102** (March): 218-225.
- Beller, Sarah.** 2016. "Goldman Sachs is sponsoring a Scientology-based jail 're-education' program—and it's growing." *The Raw Story* 9 June posting (online text at www.rawstory.com accessed 6/9/2016).
- Belles, Xavier.** 2011. "Origin and Evolution of Insect Metamorphosis," March entry in online *Encyclopedia of Life Sciences (ELS)*. Chichester, UK: John Wiley & Sons (online pdf via www.els.net accessed 2/21/2013).
- Bellinger, Lee.** 2011. "GOP Betrayal on Debt Vote: Help us stop them NOW!" *Townhall Daily* for 17 March (online text via townhall.com accessed 3/17/2011).

- Bellini, Tommaso, Marco Buscaglia, Andrea Soranno, & Giuliano Zanchetta.** 2012. "Origin of Life Scenarios: Between Fantastic Luck and Marvelous Fine-Tuning." *Euresis Journal* 2 (Winter): 113-139.
- Bello, M. Angélica, Inés Álvarez, Rubén Torices, & Javier Fuertes-Aguilar.** 2013. "Floral development and evolution of capitulum structure in *Anacyclus* (Anthemideae, Asteraceae)." *Annals of Botany* 112 (November): 1597-1612.
- Belloche, Arnaud, Robin T. Garrod, Holger S. P. Müller, & Karl M. Menten.** 2014. "Detection of a branched alkyl molecule in the interstellar medium: *iso*-propyl cyanide." *Science* 345 (26 September): 1584-1587.
- Bellon, Richard.** 2009. "Charles Darwin solves the 'Riddle of the Flower': or, why don't historians of biology know about the birds and the bees?" *History of Science* 47 (December): 373-406.
- Bellone, Rebecca R., Heather Holl, Vijayasaradhi Setaluri, Sulochana Devi, Nityanand Maddodi, Sheila Archer, Lynne Sandmeyer, Arne Ludwig, Daniel Foerster, Melanie Pruvost, Monika Reissmann, Ralf Bortfeldt, David L. Adelson, Sim Lin Lim, Janelle Nelson, Bianca Haase, Martina Engensteiner, Tosso Leeb, George Forsyth, Michael J. Mienaltowski, Padmanabhan Mahadevan, Michael Hofreiter, Johanna L. A. Paijmans, Gloria Gonzalez-Fortes, Bruce Grahn, & Samantha A. Brooks.** 2013. "Evidence for a Retroviral Insertion in *TRPM1* as the Cause of Congenital Stationary Blindness and Leopard Complex Spotting in the Horse." *PLoS ONE* (online @ plosone.org) 8 (October): e78280.
- Bellono, Nicholas W., Duncan B. Leitch, & David Julius.** 2017. "Molecular basis of ancestral vertebrate electroreception." *Nature* 543 (16 March): 391-396.
- Belluck, Pam.** 1999. "Board for Kansas Deletes Evolution from Curriculum." *The New York Times* posting 12 August: online text accessed 11/26/2013 (www.nytimes.com).
- Belluz, Julia.** 2017. "I watched Alex Jones give his viewers health advice. Here's what I learned." *Vox* 6 April posting (online text at www.vox.com accessed 4/29/2017).
- Belmonte, Matthew K., Greg Allen, Andrea Beckel-Mitchener, Lisa M. Boulanger, Ruth A. Carper, & Sara J. Webb.** 2004. "Autism and Abnormal Development of Brain Connectivity." *The Journal of Neuroscience* 24 (20 October): 9228-9231.
- Belmont University.* 2012. "Kaita: Scientists Also of Faith." *Belmont University News and Media* 20 September Forum posting (online text at forum.belmont.edu accessed 11/23/2013).
- Belot, Michèle, Vincent P. Crawford, & Cecilia Hayes.** 2013. "Players of Matching Pennies automatically imitate opponents' gestures against strong incentives." *Proceedings of the National Academy of Sciences* 110 (19 February): 2763-2768.
- Belotserkovskii, Boris P., Richard Liu, Silvia Tornaletti, Maria M. Krasilnikova, Sergei M. Mirkin, & Philip C. Hanawalt.** 2010. "Mechanisms and implications of transcription blockage by guanine-rich DNA sequences." *Proceedings of the National Academy of Sciences* 107 (20 July): 12816-12821.
- Belousoff, Matthew J., Chen Davidovich, Ella Zimmerman, Yaron Caspi, Itai Wekselman, Lin Rozenszajin, Tal Shapira, Ofir Sade-Falk, Leena Taha, Anat Bashan, Manfred S. Weiss, & Ada Yonath.** 2010. "Ancient machinery embedded in the contemporary ribosome." *Biochemical Society Transactions* 38 (April): 422-427.
- Belousoff, Matthew J., Tal Shapira, Anat Bashan, Ella Zimmerman, Haim Rozenberg, Kenji Arakawa, Haruyasu Kinashi, & Ada Yonath.** 2011. "Crystal structure of the synergistic antibiotic pair, lankamycin and lankacidin, in complex with the large ribosomal subunit." *Proceedings of the National Academy of Sciences* 108 (15 February): 2717-2722.
- Belov, Katherine, Janine E. Deakin, Anthony T. Paperfuss, Michelle L. Baker, Sandra D. Melman, Hannah V. Siddle, Nicolas Gouin, David L. Goode, Tobias J. Sargeant, Mark D. Robinson, Matthew J. Wakefield, Shaun Mahony, Joseph G. R. Cross, Panayiotis V. Benos, Paul B. Samollow, Terence P. Speed, Jennifer A. Marshall Graves, & Robert D. Miller.** 2006. "Reconstructing an Ancestral Mammalian Immune Supercomplex from a Marsupial Major Histocompatibility Complex." *PLoS Biology*

- (online @ plosbiology.org) **4** (January): e46.
- Belser, B. Howell.** 2010. “‘Imagine Better’: Can Harry Potter Change the World?” *Religion Dispatches* 26 November posting (online text at religiondispatches.org accessed 11/26/2010).
- Belshaw, Robert, Andy Gardner, Andrew Rambaut, & Oliver G. Pybus.** 2008. “Pacing a small cage: mutation and RNA viruses.” *Trends in Ecology & Evolution* **23** (April): 188-193.
- Belshaw, Robert, Vini Pereira, Aris Katzourakis, Gillian Talbot, Jan Pačes, Austin Burt, & Michael Tristem.** 2004. “Long-term reinfection of the human genome by endogenous retroviruses.” *Proceedings of the National Academy of Sciences* **101** (6 April): 4894-4899.
- Belt, Don.** 2002. “The World of Islam.” *National Geographic* **201** (January): 76-85.
- Belting, Heinz-Georg, Cooduvalli S. Shashikant, & Frank H. Ruddle.** 1998. “Modification of expression and *cis*-regulation of *Hoxc8* in the evolution of diverged axial morphology.” *Proceedings of the National Academy of Sciences* **95** (3 March): 2355-2360.
- Beltman, J. B., & J. A. J. Metz.** 2005. “Speciation: more likely through a genetic or through a learned habitat preference?” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 July): 1455-1463.
- Belvedere, Matteo, Gareth Dyke, Majid Hadri, & Shinobu Ishigaki.** 2011. “The oldest evidence for birds in Northern Gondwana?: Small tridactyl footprints from the Middle Jurassic of Msemrir (Morocco).” *Gondwana Research* **19** (March): 549-542.
- Bely, Alexandra E., & James M. Sikes.** 2010. “Latent regeneration abilities persist following recent evolutionary loss in asexual annelids.” *Proceedings of the National Academy of Sciences* **107** (26 January): 1464-1469.
- Bely, Alexandra, & Gregory Wray.** 2002. “Getting a Head in the World.” *Natural History* **111** (October): 30-32.
- Belyi, Vladimir A., Prashanth Ak, Elke Markert, Haijian Wang, Wenwei Hu, Anna Puzio-Kuter, & Arnold J. Levine.** 2010. “The Origins and Evolution of the p53 Family of Genes.” *Cold Spring Harbor Perspectives in Biology* **2** (June): a001198.
- Belyi, Vladimir, & Arnold J. Levine.** 2009. “One billion years of p53/p63/p73 evolution.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17609-17610.
- Belyi, Vladimir A., Arnold J. Levine, & Anna Marie Skalka.** 2010. “Unexpected Inheritance: Multiple Integrations of Ancient Bornavirus and Ebolavirus/Marburgvirus Sequences in Vertebrate Genomes.” *PLoS Pathogens* (online @ plospathogens.org) **6** (July): e1001030.
- Belzberg, Allan Joel, Stanley Terence Myles, & Cynthia Lucy Trevenen.** 1991. “The human tail and spinal dysraphism.” *Journal of Pediatric Surgery* **26** (October): 1243-1245.
- Bem, Daryl J.** 2011. “Feeling the Future: Experimental Evidence for Anomalous Retroactive Influences on Cognition and Affect.” *Journal of Personality and Social Psychology* **100** (March): 407-425.
- Beman, J. Michael, Cheryl-Emiliane Chow, Andrew L. King, Yuanyuan Feng, Jed A. Fuhrman, Andreas Andersson, Nicholas R. Bates, Brian N. Popp, & David A. Hutchins.** 2011. “Global declines in oceanic nitrification rates as a consequence of ocean acidification.” *Proceedings of the National Academy of Sciences* **108** (4 January): 208-213.
- Bement, Leland C., Andrew S. Madden, Brian J. Carter, Alexander R. Simms, Andrew L. Swindle, Hanna M. Alexander, Scott Fine, & Mourad Benamara.** 2014. “Quantifying the distribution of nanodiamonds in pre-Younger Drya to recent age deposits along Bull Creek, Oklahoma Panhandle, USA.” *Proceedings of the National Academy of Sciences* **111** (4 February): 1726-1731.
- Beemis, William E.** 2016. “Species and the Fossil Record of Fishes,” in Allmon & Yacobucci (2016, 312-339).
- Bemm, Felix, Clemens Leonard Weiß, Jörg Schultz, & Frank Förster.** 2016. “Genome of a tardigrade: Horizontal gene transfer or bacterial contamination?” *Proceedings of the National Academy of Sciences* **113** (31 May): E3054-E3056.
- Bénabou, Roland, Davide Tocchi, & Andrea Vindigni.** 2013. “Forbidden Fruits: The Political Economy of Science, Religion, and Growth.” *Princeton University* posting 1 December

- (online text at www.princeton.edu accessed 9/3/2014).
- Ben-Ami Bartel, Inbal, Jean Decety, & Peggy Mason.** 2011. "Empathy and Pro-Social Behavior in Rats." *Science* **334** (9 December): 1427-1430.
- Benarafa, Charaf, & Eileen Remold-O'Donnell.** 2005. "The ovalbumin serpins revisited: Perspective from the chicken genome of clade B serpin evolution in vertebrates." *Proceedings of the National Academy of Sciences* **102** (9 August): 11367-11372.
- Bénard, Francine, Jean-Paul Gallot, Roland Vially, Julien Schmitz, Walter Roest, Martin Patriat, Benoît Loubrieu, & The ExtraPlac Team.** 2010. "The Kerguelen plateau: Records from a long-living/composite microcontinent." *Marine and Petroleum Geology* **27** (March): 633-649.
- Ben-Ari, Elia T.** 1999. "A throbbing in the air." *BioScience* **49** (May): 353-358.
- . 2000. "Hair Today: Untangling the biology of the hair follicle." *BioScience* **50** (April): 303-307.
- Benario, Herbert W.** 1990. "Tacitus' *Germania* and Modern Germany." *University of Illinois Illinois Classical Studies* **15** (Spring): 163-175.
- Benavides, Edgar, Rebecca Baum, Heidi M. Snell, Howard L. Snell, & Jack W. Sites Jr.** 2009. "Island Biogeography of Galápagos Lava Lizards (Tropiduridae: *Microlophus*): Species Diversity and Colonization of the Archipelago." *Evolution* **63** (June): 1606-1626.
- Benavides-Varela, Silvia, Jean-Rémy Hochmann, Francesco Macagno, Marina Nespore, & Jacques Mehler.** 2012. "Newborn's brain activity signals the origin of word memories." *Proceedings of the National Academy of Sciences* **109** (30 October): 17908-17913.
- Bénazéraf, Bertrand, Paul Francois, Ruth E. Baker, Nicolas Denans, Charles D. Little, & Olivier Pourquié.** 2010. "A random cell motility gradient downstream of FGF controls elongation of an amniote embryo." *Nature* **466** (8 July): 248-252.
- Benazzi, Stefano, Katerina Douka, Cinzia Fornai, Catherine C. Bauer, Ottmar Kullmer, Jirí Svoboda, Ildikó Pap, Francesco Mallegni, Priscilla Bayle, Michael Coquerelle, Silvana Condemi, Annamaria Ronchitelli, Katerina Harvati, & Gerhard W. Weber.** 2011. "Early dispersal of modern humans in Europe and implications for Neanderthal behaviour." *Nature* **479** (24 November): 525-528.
- Benazzi, S., V. Slon, S. Talamo, F. Negrino, M. Peresani, S. E. Bailey, S. Sawyer, D. Panetta, G. Vicino, E. Starnini, M. A. Mannino, P. A. Salvadori, M. Meyer, S. Pääbo, & J.-J. Hublin.** 2015. "The makers of the Protoaurignacian and implications for Neanderthal extinction." *Science* **348** (15 May): 793-796.
- Ben-Barak, Idan.** 2009. *The Invisible Kingdom: From the Tips of Our Fingers, to the Tops of Our Trash, Inside the Curious World of Microbes*. New York: Basic Books.
- Bendahmane, Mohammed, Annick Dubois, Olivier Raymond, & Manuel Le Bris.** 2013. "Genetics and genomics of flower initiation and development in roses." *Journal of Experimental Botany* **64** (February): 847-857.
- Bendall, Caitlin.** 2012. "Recommended Resources on the Evolution Debate." *Ratio Christi* 3 April blog posting (online text at ratiochristi.org accessed 6/20/2012).
- Ben-David, Eyal, Alejandro Burga, & Leonid Kruglyak.** 2017. "A maternal-effect selfish genetic element in *Caenorhabditis elegans*." *Science* **356** (9 June): 1051-1055.
- Bender, Andrea, & Sieghard Beller.** 2014. "Mangarevan invention of binary steps for easier calculation." *Proceedings of the National Academy of Sciences* **111** (28 January): 1322-1327.
- Bender, Cheryl E., Patrick Fitzgerald, Stephen W. G. Tait, Fabien Llambi, Gavin P. McStay, Douglas O. Tupper, Jason Pellettieri, Alejandro Sánchez Alvarado, Guy S. Salvesen, & Douglas R. Green.** 2012. "Mitochondrial pathway of apoptosis is ancestral in metazoans." *Proceedings of the National Academy of Sciences* **109** (27 March): 4904-4909.
- Bender, Friedrich.** 2006. "Tectonic Lifting of the Taurus Mountains of Turkey." *UMSCHAUR-Kurzberichte aus Wissenschaft und Technik* article, translated from German by W. Pasedag. *Bible and Spade* **19** (Fall): 112-113.
- Bender, Michael J.** 2013. *Paleoclimate*. Princeton, NJ: Princeton University Press.

- Bender, Michael L., Bruce Barnett, Gabrielle Dreyfus, Jean Jouzel, & Don Porcelli.** 2008. "The contemporary degassing rate of ^{40}Ar from the solid Earth." *Proceedings of the National Academy of Sciences* **105** (17 June): 8232-8237.
- Bender, Morris A., Thomas R. Knutson, Robert E. Tuleya, Joseph J. Sirutis, Gabriel A. Vecchi, Stephen T. Garner, & Isaac M. Held.** 2010. "Modeled Impact of Anthropogenic Warming on the Frequency of Intense Atlantic Hurricanes." *Science* **327** (22 January): 454-458.
- Bendesky, Andres, Young-Mi Kwon, Jean-Marc Lassance, Caitlin L. Lewarch, Shenqin Yao, Brant K. Peterson, Meng Xiao He, Catherine Dulac, & Hopi E. Hoekstra.** 2017. "The genetic basis of parental care evolution in monogamous mice." *Nature* **544** (27 April): 434-439.
- Ben-Dor, Miki, Avi Gopher, & Ran Barkai.** 2016. "Neandertals' Large Lower Thorax May Represent Adaptation to High Protein Diet." *American Journal of Physical Anthropology* **160** (July): 367-378.
- Ben-Dov, Jonathan, & Seth Sanders,** eds. 2014. *Ancient Jewish Sources and the History of Knowledge in Second Temple Literature*. New York: New York University Press.
- Benecki, Mark.** 1998. "Spontaneous Human Combustion: Thoughts of a Forensic Biologist." *Skeptical Inquirer* **22** (March/April): 47-51.
- Benedetti, Fabrizio, Helen S. Mayberg, Tor D. Wager, Christian S. Stohler, & Jon-Kar Zubieta.** 2005. "Neurobiological Mechanisms of the Placebo Effect." *The Journal of Neuroscience* **25** (9 November): 10390-10402.
- Benedict, Paul.** 2011. "A Scientific Consensus: Darwinism is Dead." *Nolan Chart* 2 July posting (online text at www.nolanchart.com accessed 2/24/2012).
- . 2015. "The Marxist Sciences: Evolution and Global Warming." *War of Words* May posting (online text at theminutemenmedia.com accessed 1/11/2016).
- Benefit, Brenda R., & Monte L. McCrossin.** 2015. "A window into ape evolution." *Science* **350** (30 October): 515-516.
- Benen, Steve.** 1999. "Evolution Evasion." *Americans United for the Separation of Church and State Church and State* (October): online text accessed 1/24/2011 (www.au.org).
- . 2000a. "From Genesis To Dominion." *Americans United for the Separation of Church and State Church and State* (July/August): online text accessed 1/24/2011 (www.au.org).
- . 2000b. "Inherit The Myth?" *Americans United for the Separation of Church and State Church and State* (July/August): online text accessed 1/24/2011 (www.au.org).
- . 2000c. "Science Test." *Americans United for the Separation of Church and State Church and State* (July/August): online text accessed 9/6/2002 (www.au.org).
- . 2001. "Age-Old Controversy." *Americans United for the Separation of Church and State Church and State* (January): online text accessed 1/24/2011 (www.au.org).
- . 2002a. "Ten Commandments Fever." *Americans United for the Separation of Church and State Church and State* (April): online text accessed 1/24/2011 (www.au.org).
- . 2002b. "Insidious Design." *Americans United for the Separation of Church and State Church and State* (May): online text accessed 1/24/2011 (www.au.org).
- . 2002c. "The Discovery Institute." *Americans United for the Separation of Church and State Church and State* (May): online text accessed 1/24/2011 (www.au.org).
- . 2002d. "Strange Bedfellows." *Americans United for the Separation of Church and State Church and State* (September): online text accessed 1/24/2011 (www.au.org).
- . 2012. "The challenging of assigning blame." *Maddow Blog* posting 16 August (online text at maddowblog.msnbc.com accessed 8/20/2012).
- . 2015a. "Santorium to Pope: Leave 'science to the scientists'." *MSNBC Maddow Blog* posting updated 4 June (online text at www.msnbc.com accessed 6/4/2015).
- . 2015b. "This Week in God, 10.10.15." *MSNBC* posting updated 10 October (online text at www.msnbc.com accessed 10/10/2015).
- Benes, Francine M., Benjamin Lim, David Matzilevich, John P. Walsh, Sivan Subburaju, & Martin Minns.** 2007. "Regulation of the GABA cell phenotype in hippocampus of schizophrenics and bipolars." *Proceedings of the National Academy of Sciences* **104** (12

- June): 10164-10169.
- Benes, Francine M., Benjamin Lim, & Sivan Subburaju.** 2009. "Site-specific regulation of cell cycle and DNA repair in post-mitotic GABA cells in schizophrenic versus bipolars." *Proceedings of the National Academy of Sciences* **106** (14 July): 11731-11736.
- Benestad, R. E.** 2007. "'Cosmoclimatology'—tired old arguments in new clothes." *RealClimate* 9 March posting (online text at www.realclimate.org accessed 8/18/2014).
- Benetti, Stefania, Markus J. van Ackeren, Giusuppe Rabini, Joshua Zonca, Valentina Foa, Francesca Baruffaldi, Mohamed Rezk, Francesco Pavani, Bruno Rossion, & Olivier Collignon.** 2017. "Functional selectivity for face processing in the temporal voice area of early deaf individuals." *Proceedings of the National Academy of Sciences* **114** (1 August): E6437-E6446.
- Benfey, Philip N.** 2003. "MicroRNA is here to stay." *Nature* **425** (18 September): 244.
- Benford, M. Sue, & Joseph G. Marino.** 2002. "Textile Evidence Supports Skewed Radiocarbon Date of Shroud of Turin." *The Shroud of Turin Website* posting (online pdf at www.shroud.com accessed 12/17/2008).
- Bengtson, Stefan.** 1992. "The cap-shaped Cambrian fossil *Maikhanella* and the relationship between coeloscleritophorans and molluscs." *Lethaia* **25** (October): 401-420.
- . 1998. "Animal embryos in deep time." *Nature* **391** (5 February): 529-530.
- . 2004. "Early Skeletal Fossils." *Paleontological Society Papers* **10**: 67-77.
- . 2006. "A ghost with a bite." *Nature* **442** (13 July): 146-147.
- . 2010. "A little Kraken wakes." *Nature* **464** (27 May): 427-428.
- Bengtson, Stefan, & Graham Budd.** 2004. "Comment on 'Small Bilaterian Fossils from 40 to 55 Million Years Before the Cambrian'." *Science* **306** (19 November): 1291.
- Bengtson, Stefan, Veneta Belivanova, Birger Rasmussen, & Martin Whitehouse.** 2009. "The controversial 'Cambrian' fossils of the Vindhyan are real but more than a billion years older." *Proceedings of the National Academy of Sciences* **106** (12 May): 7729-7734.
- Bengtson, Stefan, & Desmond Collins.** 2015. "Chancelloriids of the Cambrian Burgess Shale." *Palaeontologia Electronica* (online @ palaeo-electronica.org) **18** (1): 6A.
- Bengtson, Stefan, John A. Cunningham, Chongyu Yin, & Philip C. J. Donoghue.** 2012. "A merciful death for the 'earliest bilaterian,' *Vernanimalcula*." *Evolution & Development* **14** (September-October): 421-427.
- Bengtson, Stefan, & Xianguang Hou.** 2001. "The integument of Cambrian chancelloriids." *Acta Palaeontologica Polonica* **46** (1): 1-22.
- Bengtson, Stefan, Birger Rasmussen, & Bryan Krapež.** 2007. "The Paleoproterozoic megascopic Stirling biota." *Paleobiology* **33** (August): 351-381.
- Bengtson, Stefan, Therese Sallstedt, Veneta Belivanova, & Martin Whitehouse.** 2017. "Three-dimensional preservation of cellular and subcellular structures suggests 1.6 billion-year-old crown-group red algae." *PLoS Biology* (online @ plosbiology.org) **15** (March): e2000735.
- Bengtson, Stefan, & Yue Zhao.** 1997. "Fossilized Metazoan Embryos from the Earliest Cambrian." *Science* **277** (12 September): 1645-1648.
- Beniaminov, Artemy, Eric Westhof, & Alain Krol.** 2008. "Distinctive structures between chimpanzee and human in a brain noncoding RNA." *RNA* **14** (July): 1270-1275.
- Beninger, Richard J., & Vernon L. Quinsey.** 2006. "Chimpanzee choices and prosociality." *Nature* **440** (6 April): E6.
- Benítez, Jaime T., & George E. Lynn.** 1975. "Temporal bone studies: findings with undecalcified sections in a 2,600-year-old Egyptian mummy." *The Journal of Laryngology and Otology* **89** (June): 593-599.
- Benítez-Burraco, Antonio, & Lluís Barceló-Coblijn.** 2013. "Paleogenomics, hominin interbreeding and language evolution." Instituto Italiano di Antropologia *Journal of Anthropological Sciences* **91**: 239-244.
- Benítez-Llambay, Pablo, Frédéric Masset, Gloria Koenigsberger, & Judit Szulágyi.** 2015. "Planet heating prevents inward migration of planetary cores." *Nature* **520** (2 April): 42-43.
- Benito, Gerardo.** 1997. "Energy Expenditure and Geomorphic Work of the Cataclysmic

- Missoula Flooding in the Columbia River Gorge, USA.” *Earth Surface Processes and Landforms* **22**: 457-472.
- Benito, Gerardo, & Jim E. O’Connor.** 2003. “Number and size of last-glacial Missoula floods in the Columbia River valley between the Pasco Basin, Washington, and Portland, Oregon.” *The Geological Society of America GSA Bulletin* **115** (May): 624-638.
- Benjamin, Daniel J., David Cesarini, Mattjhis J. H. M. van der Loos, Christopher T. Dawes, Philipp D. Koellinger, Patrik K. E. Magnusson, Christopher F. Chabris, Dalton Conley, David Laibson, Magnus Johannesson, & Peter M. Visscher.** 2012. “The genetic architecture of economic and political preferences.” *Proceedings of the National Academy of Sciences* **109** (22 May): 8026-8031.
- Benjamin, Jonathan, Lin Li, Chavis Patterson, Benjamin D. Greenberg, Dennis L. Murphy, & Dean H. Hamer.** 1996. “Population and familial association between the D4 dopamine receptor gene and measures of Novelty Seeking.” *Nature Genetics* **12** (January): 81-84.
- Benkman, Craig W.** 2010. “Diversifying Coevolution between Crossbills and Conifers.” *Evolution: Education & Outreach* **3** (March): 47-53.
- Benko, Jessica.** 2011. “A 4-Track Mind.” National Public Radio *Radio Lab* 26 July broadcast information posting (online text at www.radiolab.org accessed 7/4/2013).
- Benkovic, Stephen J., Julie Theriot, & Dagmar Ringe.** 2013. “Open questions – in brief: Beyond –omics, missing motor proteins, and getting from molecules to organisms.” *BMC Biology* (online @ biomedcentral.com) **11** (31 January): 8.
- Benne, Rob, Janny Van Den Burg, Just P. J. Brakenhoff, Paul Sloof, Jacques H. Van Boom, & Marijke C. Tromp.** 1986. “Major transcript of the frameshifted coxII gene from trypanosome mitochondria contains four nucleotides that are not encoded in the DNA.” *Cell* **46** (12 September): 819-826.
- Benner, Steven A.** 2002. “The past as the key to the present: Resurrection of ancient proteins from eosinophils.” *Proceedings of the National Academy of Sciences* **99** (16 April): 4760-4761.
- . 2010a. “Life, synthetic biology and risk.” *BMC Biology* (online @ biomedcentral.com) **8** (14 June): 77.
- . 2010b. “Paleogenetics. Bringing Experimental Methods to Bear on Historical Models for Earth.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* **8** November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- . 2011. “Comment on ‘A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus’.” *Science* **332** (3 June): 1149.
- Benner, Steven A., M. Daniel Caraco, J. Michael Thomson, & Eric A. Gaucher.** 2002. “Planetary Biology—Paleontological, Geological, and Molecular Histories of Life.” *Science* **296** (3 May): 864-868.
- Benner, Steven A., Andrew D. Ellington, & Andreas Tauer.** 1989. “Modern metabolism as a palimpsest of the RNA world.” *Proceedings of the National Academy of Sciences* **86** (1 September): 7054-7058.
- Benner, Steven A., Hyo-Joong Kim, & Matthew A. Carrigan.** 2012. “Asphalt, Water, and the Prebiotic Synthesis of Ribose, Ribonucleotides, and RNA.” *Accounts of Chemical Research* **45** (December): 2025-2034.
- Benner, Steven A., Hyo-Joong Kim, & Zunyi Yang.** 2012. “Setting the Stage: The History, Chemistry, and Geobiology behind RNA.” *Cold Spring Harbor Perspectives in Biology* **4** (January): a003541.
- Benner, Steven A., Hyo-Joong Kim, Myung-Jung Kim, & Alonso Ricardo.** 2010. “Planetary Organic Chemistry and the Origins of Biomolecules.” *Cold Spring Harbor Perspectives in Biology* **2** (June): a003467.
- Benner, Steven A., Richard J. Knecht, & Michael S. Engel.** 2013. “Comment on Marden (2013): ‘Reanalysis and Experimental Evidence Indicate that the Earliest Trace Fossil of a Winged Insect was a Surface-Skimming Neopteran’.” *Evolution* **67** (July): 2142-2149.
- Benner, Steven A., Alonso Ricardo, & Matthew A. Carrigan.** 2004. “Is there a common chemical model for life in the universe?” *Current Opinion in Chemical Biology* **8**

- (December): 672-689.
- Benner, Steven A., Slim O. Sassi, & Eric A. Gaucher.** 2007. "Molecular Paleoscience: Systems Biology From the Past," in Toone (2007, 1-132).
- Bennett, Albert F., James W. Hicks, & Alistair J. Cullum.** 2000. "An Experimental Test of the Thermoregulatory Hypothesis for the Evolution of Endothermy." *Evolution* **54** (May): 1768-1773.
- Bennett, Andy T. D.** 2008. "Why are animals coloured?" in Benton (2008a, 205-209).
- Bennett, Charles H., Ming Li, & Bin Ma.** 2003. "Chain Letters & Evolutionary Histories." *Scientific American* **288** (June): 76-81.
- Bennett, Charles L.** 2009. "Cosmology at a Crossroads." *Science* **325** (11 September): 1347-1348.
- Bennett, Chris.** 2004. "Speed of Light Slowing Down?" *WorldNetDaily* (31 July): online text accessed 2/13/2013 (wnd.com).
- Bennett, Deb.** 2008. "The Evolution of the Horse: History and Techniques of Study." *Equine Studies* revised posting of 1992 *The Elsevier World Animal Science Encyclopedia* article (online text at www.equinestudies.org accessed 2/22/2014).
- Bennett, E. Andrew, Heiko Keller, Ryan E. Mills, Steffen Schmidt, John V. Moran, Oliver Weichenrieder, & Scott E. Devine.** 2008. "Active *Alu* retrotransposons in the human genome." *Genome Research* **18** (December): 1875-1883.
- Bennett, Gary L.** 2000. "A Review of Of Pandas and People as a Textbook Supplement." *Reports of the National Center for Science Education* **20** (January-April): 31-34, 39.
- Bennett, Gordon M., & Nancy A. Moran.** 2015. "Heritable symbiosis: The advantages and perils of an evolutionary rabbit hole." *Proceedings of the National Academy of Sciences* **112** (18 August): 10169-10176.
- Bennett, K. D.** 2015. "Comment on 'Sedimentary DNA from a submerged site reveals wheat in the British Isles 8000 years ago'." *Science* **349** (17 July): 247.
- Bennett, Matthew R., John W. K. Harris, Brian G. Richmond, David R. Braun, Emma Mbua, Purity Kiura, Daniel Olago, Mzalendo Kibunjia, Christine Omuombo, Anna K. Behrensmeyer, David Huddart, & Silvia Gonzalez.** 2009. "Early Hominin Foot Morphology Based on 1.5-Million-Year-Old Footprints from Ileret, Kenya." *Science* **323** (27 February): 1197-1201.
- Bennett, Matthew R., & Jeff Hasty.** 2008. "Genome rewired." *Nature* **452** (17 April): 824-825.
- Bennett, M. D., & I. J. Leitch.** 2005a. "Plant Genome Size Research: A Field In Focus." *Annals of Botany* **95** (January): 1-6.
- . 2005b. "Nuclear DNA Amounts in Angiosperms: Progress, Problems and Prospects." *Annals of Botany* **95** (January): 45-90.
- Bennett, Robert.** 2002. "A Summary of Theistic Evolution." *Origins* posting of *The Kolbe Center For The Study of Creation* article (online pdf at www.alcazar.net accessed 6/15/2011).
- Bennett, S. Christopher.** 2007. "Articulation and function of the pteroid bone of pterosaurs." *Journal of Vertebrate Paleontology* **27** (December): 881-891.
- Bennett, Scott.** 2012. "Chapter 3: The Tectonic Evolution of the Colorado Plateau and Grand Canyon Region." University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics article (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Bennett, T. H., T. J. Flowers, & L. Bromham.** 2013. "Repeated evolution of salt-tolerance in grasses." *Royal Society Biology Letters* **9** (April): 20130029.
- Bennett, Vickie C., Alan D. Brandon, & Allen P. Nutman.** 2007. "Coupled ¹⁴²Nd-¹⁴³Nd Isotopic Evidence for Hadean Mantle Dynamics." *Science* **318** (21 December): 1907-1910.
- Bennetta, J. William,** ed. 1987. "Scientists Decry a Slick New Packaging of Creationism." National Science Teachers Association *The Science Teacher* **54** (May): 36-43.
- . 1999. "Creationism in Schoolbooks." *Reports of the National Center for Science Education* **19** (January-February): 16, 21-22.
- Bennett-Smith, Meredith.** 2013. "Kathleen Taylor, Neuroscientist, Says Religious

- Fundamentalism Could Be Treated As A Mental Illness.” *Huffpost Religion* posting 31 May (online text at huffingtonpost.com accessed 6/15/2013).
- Bennetzen, Jeffrey L., Jianxin Ma, & Katrien M. Devos.** 2005. “Mechanisms of Recent Genome Size Variation in Flowering Plants.” *Annals of Botany* **95** (January): 127-132.
- Bennington, J. Bret.** 2014. Darwin Course *Hofstra University* (New York) undated posting (online pdf at people.hofstra.edu accessed 6/28/2014).
- Bennis, Will M., Douglas L. Medin, & Daniel M. Bartels.** 2010. “The Costs and Benefits of Calculation and Moral Rules.” *Perspectives on Psychological Science* **5** (March): 187-202.
- Bennuru, Sasisekhar, Zhaojing Meng, José M. C. Ribeiro, Roshanak Tolouei Semmani, Elodie Ghedin, King Chan, David A. Lucas, Timothy D. Veenstra, & Thomas B. Nutman.** 2011. “Stage-specific proteomic expression patterns of the human filarial parasite *Brugia malayi* and its endosymbiont *Wolbachia*.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9649-9654.
- Benoit, Julien, & Sandra C. Jasinowski.** 2016. “Picking up the pieces: the digital reconstruction of a destroyed holotype from its serial section drawings.” *Palaeontologia Electronica* (online @ palaeo-electronica.org) **19** (3): 3T.
- Benoit, J., P. R. Manger, & B. S. Rubidge.** 2016. “Palaeoneurological clues to the evolution of defining mammalian soft tissue traits.” *Scientific Reports* (online @ www.nature.com/srep/) **6** (9 May): 25604.
- Benoit, Roland G., Daniel J. Davies, & Michael C. Anderson.** 2016. “Reducing future fears by suppressing the brain mechanisms underlying episodic simulation.” *Proceedings of the National Academy of Sciences* **113** (7 December): E8492-E8501.
- Ben-Shem, Adam, Lasse Jenner, Guinara Yusupova, & Marat Yusupov.** 2010. “Crystal Structure of the Eukaryotic Ribosome.” *Science* **330** (26 November): 1203-1209.
- Ben-Shlomo, Herzel, Alexander Levitan, Naomi Editha Shay, Igor Goncharov, & Shulamit Michaeli.** 1999. “RNA Editing Associated with the Generation of Two Distinct Confirmations of the Trypanosomatid *Leptomonas collosoma* 7SL RNA.” *The Journal of Biological Chemistry* **274** (3 September): 25642-25650.
- Benson, Andrew K., Scott A. Kelly, Ryan Legge, Fangrui Ma, Soo Jen Low, Jachyoung Kim, Min Zhang, Phaik Lyn Oh, Derrick Nehrenberg, Kunjie Hua, Stephen D. Kachman, Etsuko N. Moriyama, Jens Walter, Daniel A. Peterson, & Daniel Pomp.** 2010. “Individuality in gut microbiota composition is a complex polygenic trait shaped by multiple environmental and host genetic factors.” *Proceedings of the National Academy of Sciences* **107** (2 November): 18933-18938.
- Benson, Emily.** 2016. “Human sacrifice may have helped societies become more complex.” *Science* posting 4 April (online text at sciencemag.org accessed 7/26/2016).
- Benson, Herbert, Jeffrey A. Dusek, Jane B. Sherwood, Peter Lam, Charles F. Bethea, William Carpenter, Sidney Levitsky, Peter C. Hill, Donald W. Clem Jr., Manoj K. Jain, David Drumel, Stephen L. Kopecky, Paul S. Mueller, Dean Marek, Sue Rollins, & Patricia L. Hibbard.** 2006. “Study of the Therapeutic Effects of Intercessory Prayer (STEP) in cardiac bypass patients: A multicenter randomized trial of uncertainty and certainty of receiving intercessory prayer.” *American Heart Journal* **151** (April): 934-942.
- Benson, Roger B. J.** 2012. “Interrelationships of basal synapsids: Cranial and postcranial morphological partitions suggest different topologies.” *Journal of Systematic Palaeontology* **10** (December): 1-24.
- Benson, Roger B. J., Paul M. Barrett, Tom H. Rich, & Pat Vickers-Rich.** 2010. “A Southern Tyrant Reptile.” *Science* **327** (26 March): 1613.
- Benson, Roger B. J., Richard J. Butler, Matthew T. Carrano, & Patrick M. O’Connor.** 2012. “Air-filled postcranial bones in theropod dinosaurs: physiological implications and the ‘reptile’-bird transition.” *Biological Reviews of the Cambridge Philosophical Society* **87** (May): 168-193.
- Benson, Roger B. J., Nicolás E. Campione, Matthew T. Carrano, Philip D. Mannion, Corwin Sullivan, Paul Upchurch, & David C. Evans.** 2014. “Rates of Dinosaur Body Mass Evolution Indicate 170 Million Years of Sustained Ecological Innovation on the Avian

- Stem Lineage.” *PLoS Biology* (online @ plosbiology.org) **12** (May): e1001896.
- Benson, Roger B. J., & Jonah N. Choiniere.** 2013. “Rates of dinosaur limb evolution provide evidence for exceptional radiation in Mesozoic.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (7 October): 20131780.
- Benson, Roger B. J., Rachel A. Frigot, Anjali Goswami, Brian Andres, & Richard J. Butler.** 2014. “Competition and constraint drove Cope’s rule in the evolution of giant flying reptiles.” *Nature Communications* (online @ nature.com) **5** (2 April): 3567.
- Benson, Roger B. J., Hilary F. Ketchum, Darren Naish, & Langan E. Turner.** 2013. “A new leptocleidid (Sauropterygia, Plesiosauria) from the Vectis Formation (Early Barremian-early Aptian; Early Cretaceous) of the Isle of Wight and the evolution of Leptocleididae, a controversial clade.” *Journal of Systematic Palaeontology* **11** (2): 1-18.
- Benson, Roger B. J., & Jonathan D. Radley.** 2010. “A new large-bodied theropod dinosaur from the Middle Jurassic of Warwickshire, United Kingdom.” *Acta Palaeontologica Polonica* **55** (1): 35-42.
- Benson, RuthAnn, Daniel J. Blankenship, Tom Brigham, Patricia L. Bromley, Michael Brophy, Margaret L. Cassidy, Paul Chase, Donald P. Christian, Charles E. Clark, Donald A. Cress, John A. Cross, Deborah B. Cureton, Mary Beth Emmerichs, Glenda Gallisath, Lance Grahn, Mark T. Harris, Raymond S. Hayes, Gordon Hedahl, Fergus Hughes, Douglas L. Johnson, Nicholas Karolides, Andrew Keogh, Paula Langteau, Gerry McKenna, Karen McLean, Charles R. Martin-Stanley, John Mason, G. Richard Meadows, John Murphy, Michael E. Nelson, Mittie Nimocks, James W. Perry, Janet Philipp, Mary Pinkerton, Thomas C. Pleger, Howard Ross, Joyce E. Salisbury, Gary Sandefur, Charles Schuster, Brad Stewart, James F. Veninga, Esther K. Wilson, & Michael Zimmerman.** 2004. *The Clergy Letter Project* posting of 18 October letter to Joni Burgin & Grantsburg School District (online pdf at theclergyletterproject.org accessed 3/18/2014).
- Benson-Amram, Sarah, Ben Dantzer, Gregory Stricker, Eli M. Swanson, & Kay E. Holekamp.** 2016. “Brain size predicts problem-solving ability in mammalian carnivores.” *Proceedings of the National Academy of Sciences* **113** (1 March): 2532-2537.
- Ben-Tabou de-Leon, Smadar.** 2011. “The conserved role and divergent regulation of *foxa*, a pan-eumetazoan developmental regulatory gene.” *Developmental Biology* **357** (1 September): 21-26.
- Bente, Heinrich, & Ortrun Mittelsten Scheid.** 2017. “Epigenetic contribution to diversification.” *Proceedings of the National Academy of Sciences* **114** (4 April): 3558-3560.
- Bentley, Callan.** 2013. “The Discovery Institute feels sorry for my students.” *Mountain Beltway* 14 February posting (online text at blogs.agu.org/mountainbeltway accessed 8/3/2013).
- Bentley, Mary.** 2017. “House Bill No. 2050.” Arkansas Assembly legislative posting (online pdf at www.arkleg.state.ar.us accessed 3/10/2017).
- Bent Mountain Christian Academy.** 2014. “Curriculum.” *Bent Mountain Christian Academy* posting (online text at www.bentmountainchristianacademy.com accessed 5/16/2014).
- Bento, Gilberto, Akira Ogawa, & Ralf J. Sommer.** 2010. “Co-option of the hormone-signaling module dafachronic acid-DAF-12 in nematode evolution.” *Nature* **466** (22 July): 494-497.
- Benton, Adam.** 2012a. “Lucy the knuckle walking ape? – Misguided Mondays.” *EvoAnth* 13 August posting (online text at evoanth.wordpress.com accessed 2/19/2013).
- . 2012b. “Answers in Genesis vs EvoAnth #1.” *EvoAnth* 29 October posting (online text at evoanth.wordpress.com accessed 2/19/2013).
- . 2012c. “Answers in Genesis vs EvoAnth #2: The foramen magnum.” *EvoAnth* 18 December posting (online text at evoanth.wordpress.com accessed 2/19/2013).
- . 2012d. “Answers in Genesis vs EvoAnth #3: Lumbar lordosis.” *EvoAnth* 19 December posting (online text at evoanth.wordpress.com accessed 2/19/2013).
- . 2012e. “Answers in Genesis vs EvoAnth #4: the wrist.” *EvoAnth* 20 December posting (online text at evoanth.wordpress.com accessed 2/19/2013).
- . 2012f. “Answers in Genesis vs EvoAnth #5: The hip.” *EvoAnth* 29 December posting

- (online text at *evoanth.wordpress.com* accessed 2/19/2013).
- . 2012g. “Answers in Genesis vs EvoAnth #6: The conclusion.” *EvoAnth* 30 December posting (online text at *evoanth.wordpress.com* accessed 2/19/2013).
- . 2014. “Creationist Ministries Provide a Distorted View of Human Evolution.” *Reports of the National Center for Science Education* **34** (July-August): 1.2-1.5.
- Benton, Michael J.** 1983. “No consensus on *Archaeopteryx*.” *Nature* **305** (8 September): 99-100.
- . 1984. “Is a dog more like a lizard or a chicken?” *New Scientist* **103** (16 August): 18-19.
- . 1990. *Vertebrate Palaeontology: Biology and evolution*. London: Unwin Hyman.
- . 1992. *Dinosaur and Other Prehistoric Animal Fact Finder*. New York: Kingfisher Books.
- . 1993a. “The Rise of the Fishes,” in Gould (1993, 79-83).
- . 1993b. “Four Feet on the Ground,” in Gould (1993, 111-112).
- . 1993c. “Late Triassic Extinctions and the Origin of the Dinosaurs.” *Science* **260** (7 May): 769-770.
- . 1996. *The Penguin Historical Atlas of Dinosaurs*. London: Penguin Books.
- . 1997. “Reptiles,” in Currie & Padian (1997, 637-642).
- . 1998. “The quality of the fossil record of the vertebrates,” in Donovan & Paul (1998, 269-303).
- . 1999. “*Scleromochlus taylori* and the origin of dinosaurs and pterosaurs.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **354** (29 August): 1423-1446.
- . 2003. *When Life Nearly Died: The Greatest Mass Extinction of All Time*. 2005 pb ed. London: Thames & Hudson.
- . 2005. *Vertebrate Paleontology*. 3rd ed. Oxford: Blackwell Publishing.
- . 2006. “The Origin of the Dinosaurs,” in CAS (2006, 11-19).
- , ed. 2008a. *The Seventy Great Mysteries of the Natural World*. London: Thames & Hudson.
- . 2008b. “The biggest mass extinction of all time,” in Benton (2008a, 32-34).
- . 2008c. “Drawing the tree of life,” in Benton (2008a, 116-118).
- . 2008d. “Human genetic variation,” in Benton (2008a, 119-122).
- . 2008e. “Estimating present-day global diversity,” in Benton (2008a, 177-180).
- . 2009. “The Red Queen and the Court Jester: Species Diversity and the Role of Biotic and Abiotic Factors Through Time.” *Science* **323** (6 February): 728-732.
- . 2010. “New take on the Red Queen.” *Nature* **463** (21 January): 306-307.
- . 2012. “No gap in the Middle Permian record of terrestrial vertebrates.” *Geology* **40** (April): 339-342.
- . 2014. “How birds became birds.” *Science* **345** (1 August): 508-509.
- . 2015. “Exploring macroevolution using modern and fossil data.” *Proceedings of the Royal Society of London B* (Biological Sciences) **282** (7 July): 20150569.
- Benton, Michael J., & Francisco J. Ayala.** 2003. “Dating the Tree of Life.” *Science* **300** (13 June): 1698-1700.
- Benton, Michael J., Zoltan Csiki, Dan Grigorescu, Ragna Redelstorff, P. Martin Sander, Koen Stein, & David B. Weishampel.** 2010. “Dinosaurs and the island rule: The dwarfed dinosaurs from Hațeg Island.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **293** (15 July): 438-454.
- Benton, M. J., E. Cook, D. Grigorescu, E. Popa, & E. Tallódi.** 1997. “Dinosaurs and other tetrapods in an Early Cretaceous bauxite-filled fissure, northwestern Romania.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **130** (May): 275-292.
- Benton, Michael J., & Philip C. J. Donoghue.** 2007. “Paleontological Evidence to Date the Tree of Life.” *Molecular Biology and Evolution* **24** (January): 26-53.
- Benton, Michael J., Philip C. J. Donoghue, & Robert J. Asher.** 2009. “Calibrating and constraining molecular clocks,” in Hedges & Kumar (2009, 35-86).
- Benton, Michael J., & Rebecca Hitchin.** 1997. “Congruence between phylogenetic and

- stratigraphic data on the history of life.” *Proceedings of the Royal Society of London B* (Biological Sciences) **264** (22 June): 885-890.
- Benton, Michael J., & Paul N. Pearson.** 2001. “Speciation in the fossil record.” *Trends in Ecology & Evolution* **16** (July): 405-411.
- Benton, Michael J., Mikhail A. Shishkin, David M. Unwin, & Evgenii N. Kurochkin,** eds. 2000. *The Age of Dinosaurs in Russia and Mongolia*. Cambridge: Cambridge University Press.
- Benton, M. J., M. A. Wills, & R. Hitchin.** 2000. “Quality of the fossil record through time.” *Nature* **403** (3 February): 534-537.
- Benton, Michael J., Zhonghe Zhou, Patrick J. Orr, Fucheng Zhang, & Stuart L. Kearns.** 2008. “The remarkable fossils from the Early Cretaceous Jehol Biota of China and how they have changed our knowledge of Mesozoic life.” *Proceedings of the Geologists’ Association* **119** (3-4): 209-228.
- Benton, R.** 2006. “On the ORigin of smell: odorant receptors in insects.” *Cellular and Molecular Life Sciences* **63** (July): 1579-1585.
- Bentsink, Leónie, Johannes Hanson, Corrie J. Hanhart, Hetty Blankestijn-de Vries, Colin Coltrane, Paul Keizer, Mohamed El-Lithy, Carlos Alonso-Blanco, M. Teresa de Andrés, Matthieu Reymond, Fred van Eeuwijk, Sjef Smeekens, & Maarten Koornneef.** 2010. “Natural variation for seed dormancy in Arabidopsis is regulated by additive genetic and molecular pathways.” *Proceedings of the National Academy of Sciences* **107** (2 March): 4264-4269.
- Benuzzi, Francesca, Fausta Lui, Davide Duzzi, Paolo F. Nichelli, & Carlo A. Porro.** 2008. “Does It Look Painful or Disgusting? Ask Your Parietal and Cingulate Cortex.” *The Journal of Neuroscience* **28** (23 January): 923-931.
- Ben-Yosef, Erez, Dafna Langgut, & Lidar Sapir-Hen.** 2017. “Beyond smelting: New insights on Iron Age (10th c. BCE) metalworkers community from excavations at a gatehouse and associated livestock pens in Timna, Israel.” *Journal of Archaeological Science: Reports* **11** (February): 411-426.
- Benz, W., A. Anic, J. Horner, & J. A. Whitby.** 2007. “The origin of Mercury.” *Space Science Reviews* **132** (October): 189-202.
- Benzerara, Karim, Nicolas Menguy, François Guyot, Christian Dominici, & Philippe Gillet.** 2003. “Nanobacteria-like calcite single crystals at the surface of the Tataouine meteorite.” *Proceedings of the National Academy of Sciences* **100** (24 June): 7438-7442.
- Benzerara, Karim, Nicolas Menguy, Purificación López-García, Tae-Hyun Yoon, Józef Kazmierczak, Tolek Tyliczszak, François Guyot, & Gordon E. Brown Jr.** 2006. “Nanoscale detection of organic signatures in carbonite microbialites.” *Proceedings of the National Academy of Sciences* **103** (20 June): 9440-9445.
- Bera, Partha P., Michel Nuevo, Stefanie N. Milam, Scott A. Sandford, & Timothy J. Lee.** 2010. “Mechanism for the abiotic synthesis of uracil via UV-induced oxidation of pyrimidine in pure H₂O ices under astrophysical conditions.” *The Journal of Chemical Physics* **133** (14 September): 104303.
- Beraldi-Campesi, Hugo.** 2013. “Early life on land and the first terrestrial ecosystems.” *Ecological Processes* (online @ www.ecologicalprocesses.com) **2** (23 February): 41.
- Beraldi-Campesi, Hugo, & Gregory J. Retallack.** 2016. “Terrestrial Ecosystems in the Precambrian,” in Weber *et al.* (2016, 37-54).
- Beran, Franziska, Yannick Pauchet, Grit Kunert, Michael Reichelt, Natalie Wielsch, Heiko Vogel, Andreas Reinecke, Aleš Svatoš, Inga Mewis, Daniela Schmid, Srinivasan Ramasamy, Christian Ulrichs, Bill S. Hansson, Jonathan Gershenzon, & David G. Heckel.** 2014. “*Phyllotreta striolata* flea beetles use host plant defense compounds to create their own glucosinolate-myrosinase system.” *Proceedings of the National Academy of Sciences* **111** (20 May): 7349-7354.
- Beran, Franziska, Peter Rahfeld, Katrin Luck, Raimund Nagel, Heiko Vogel, Natalie Wielsch, Sandra Irmisch, Srinivasan Ramasamy, Jonathan Gershenzon, David G. Heckel, & Tobias G. Köllner.** 2016. “Novel family of terpene synthases evolved from

- trans*-isoprenyl diphosphate synthases in a flea beetle.” *Proceedings of the National Academy of Sciences* **113** (15 March): 2922-2927.
- Beran, Michael J.** 2008. “The Evolutionary and Developmental Foundations of Mathematics.” *PLoS Biology* (online @ plosbiology.org) **6** (February): e19.
- Berardelli, Phil.** 2008. “Did Dinosaurs Gawk at the Grand Canyon?” *ScienceNOW* posting 11 April (online text at *sciencemag.org* accessed 11/30/2012).
- . 2009. “The Catastrophe That Wasn’t.” *ScienceNOW* posting 3 March (online text at *sciencemag.org* accessed 1/2/2011).
- Berat, Lynn.** 1993. “Genocide: The Namibian Case Against Germany.” *Pace International Law Review* **5** (January): 165-210.
- Berbeco, Minda.** 2012. “The Butterfly Effect.” *Reports of the National Center for Science Education* **32** (September-October): 1.1-1.3.
- . 2013. “Political Bias Meets Climate Bias: Overcoming Science Denial in a Politically Polarized World.” *Reports of the National Center for Science Education* **33** (March-April): 1.1-1.3.
- . 2014. “Analysis of Climate Change in Proposed Social Studies Textbooks for Texas Public Schools.” *National Center for Science Education* September posting (online pdf at *ncse.com* accessed 10/24/2014).
- . 2015a. “Why We Care about Willie Soon.” National Center for Science Education *Science League of America* 24 February posting (online text via *ncse.com* accessed 2/27/2015).
- . 2015b. “Creationists Targeting Teachers.” National Center for Science Education *Science League of America* 30 June posting (online text via *ncse.com* accessed 7/8/2015).
- . 2015c. “Rethinking Climate Change Education.” National Center for Science Education *Science League of America* 16 July posting (online text via *ncse.com* accessed 7/17/2015).
- . 2016. “Polar Bears on the Ark?” National Center for Science Education *Science League of America* 11 August posting (online text via *ncse.com* accessed 8/12/2016).
- Bercot, Ethan.** 2014. “Forgetting to Weight: The Use of History in the Supreme Court’s Establishment Clause.” *The Georgetown Law Journal* **102** (3): 845-880.
- Bercovici, David, & Maureen D. Long.** 2014. “Slab instability and supercontinent dispersal.” *Geophysical Research Letters* **41** (16 October): 6659-6666.
- Bercovici, David, & Yanick Ricard.** 2014. “Plate tectonics, damage and inheritance.” *Nature* **508** (24 April): 513-516.
- Bercovici, David, Gerald Schubert, & Yanick Ricard.** 2015. “Abrupt tectonics and rapid slab detachment with grain damage.” *Proceedings of the National Academy of Sciences* **112** (3 February): 1287-1291.
- Beredjick, Camille.** 2014. “Former Ex-Gay Leader Ties the Knot With Same-Sex Partner.” *Friendly Atheist* posting 20 November (online text at *www.patheos.com* accessed 11/20/2014).
- Bereiter, Bernhard, Dieter Lüthi, Michael Siegrist, Simon Schüpbach, Thomas F. Stocker, & Hubertus Fischer.** 2012. “Mode change of millennial CO₂ variability during the last glacial cycle associated with a bipolar marine carbon seesaw.” *Proceedings of the National Academy of Sciences* **109** (19 June): 9755-9760.
- Berenbaum, May.** 2006. “Lousy Designs.” *American Entomologist* **52** (Spring): 4-6.
- Berenbrink, Michael.** 2007. “Historical reconstructions of evolving physiological complexity: O₂ secretion in the eye and swimbladder of fishes.” *The Journal of Experimental Biology* **210** (1 May): 1641-1652.
- Berens, Ali J., James H. Hunt, & Amy L. Toth.** 2015. “Comparative Transcriptomics of Convergent Evolution: Different Genes but Conserved Pathways Underlie Caste Phenotypes across Lineages of Eusocial Insects.” *Molecular Biology and Evolution* **32** (March): 690-703.
- Berent, Iris, Anna-Katharine Brem, Xu Zhao, Erica Seligson, Hong Pan, Jane Epstein, Emily Stern, Albert M. Galaburda, & Alvaro Pascual-Leone.** 2015. “Role of the motor system in language knowledge.” *Proceedings of the National Academy of Sciences* **112** (17

- February): 1983-1988.
- Beres, Derek.** 2016. "Did Religion Help Our Brains Evolve?" *Big Think* posting 14 December (online text at *bigthink.com* accessed 12/15/2016).
- Berezikov, Eugene, Fritz Thuemmler, Linda W. van Laake, Ivanela Kondova, Ronald Bontrop, Edwin Cuppen, & Ronald H. A. Plasterk.** 2006. "Diversity of microRNAs in human and chimpanzee brain." *Nature Genetics* **38** (December): 1375-1377.
- Berezow, Alex.** 2017. "Why This Scientist Won't Be Attending The 'Science March'." *American Council on Science and Health* 2 February posting (online text at *acsh.org* accessed 2/11/2017).
- Berezow, Alex B., & Hank Campbell.** 2012a. *Science Left Behind: Feel-Good Fallacies and the Rise of the Anti-Scientific Left*. New York: Public Affairs (Perseus Books).
- . 2012b. "Are Democrats Really the 'Pro-Science' Party?" *RealClearPolitics* 10 September posting (online text at *www.realclearpolitics.com* accessed 2/6/2013).
- Berg, Howard C.** 1998. "Keeping up with the F₁-ATPase." *Nature* **394** (23 July): 324-325.
- . 2003. "The Rotary Motor of Bacterial Flagella." *Annual Review of Biochemistry* **72**: 19-54.
- Berg, Ingrid L., Rita Neumann, Shriparna Sarbajna, Linda Odenthal-Hesse, Nicola J. Butler, & Alec J. Jeffreys.** 2011. "Variants of the protein PRDM9 differentially regulate a set of human meiotic recombination hotspots highly active in African populations." *Proceedings of the National Academy of Sciences* **108** (26 July): 12378-12383.
- Berg, J. M., J. L. Tymoczko, & L. Stryer.** 2002. "Section 34.3 Kinesin and Dynein Move Along Microtubules." *Biochemistry* 5th ed. New York: W. H. Freeman (online text at *ncbi.nlm.nih.gov* accessed 5/23/2014).
- Berg, Jeremy.** 2017. "March for science." *Science* **356** (7 April): 7.
- Berg, Otto G., Johan Paulsson, & Måns Ehrenberg.** 2000. "Fluctuations in Repressor Control: Thermodynamic Constraints on Stochastic Focusing." *Biophysical Journal* **79** (December): 2944-2953.
- Berg, Randy S.** 2006. "Scientific Evidence for a Worldwide Flood." *The Age of the Earth* posting (online text at *www.earthage.org* accessed 7/20/2011).
- Bergdoll, Marc, Lindsay D. Eltis, Alexander D. Cameron, Philippe Dumas, & Jeffrey T. Bolin.** 1998. "All in the family: Structural and evolutionary relationships among three modular proteins with diverse functions and variable assembly." *Protein Science* **7** (August): 1661-1670.
- Bergelson, Elika, & Daniel Swingley.** 2012. "At 6-9 months, human infants know the meanings of many common nouns." *Proceedings of the National Academy of Sciences* **109** (28 February): 3253-3258.
- Bergelson, Joy, Martin Kreitman, Eli A. Stahl, & Dacheng Tian.** 2001. "Evolutionary Dynamics of Plant R-Genes." *Science* **292** (22 June): 2281-2285.
- Bergen, Mark.** 2010. "American Islam: Who is in Charge?" *Religion Dispatches* 30 August posting (online text at *religiondispatches.org* accessed 8/30/2010).
- Berger, Andrew J.** 1956. "Anatomical Variation and Avian Anatomy." *The Condor* **58** (November): 433-441.
- Berger, Douglas, Hiroyuki Suematsu, & Yutaka Ono.** 1994. "Theories of Sexual Orientation: A Reappraisal." *Archives of General Psychiatry* **51** (May): 432.
- Berger, Lee R.** 1998. "Redrawing Our Family Tree?" *National Geographic* **194** (August): 90-99.
- . 2013. "The Mosaic Nature of *Australopithecus sediba*." *Science* **340** (12 April): 163-165.
- Berger, Lee R., Steven E. Churchill, Bonita DeKierk, & Rhonda L. Quinn.** 2008. "Small-Bodied Humans from Palau, Micronesia." *PLoS ONE* (online @ *plosone.org*) **3** (March): e1780.
- Berger, Lee R., Darryl J. de Ruiter, Steven E. Churchill, Peter Schmid, Kristian J. Carlson, Paul H. G. M. Dirks, & Job M. Kibii.** 2010. "*Australopithecus sediba*: A New Species of Homo-Like Australopithecine from South Africa." *Science* **328** (9 April): 195-204.

- Berger, Lee R., John Hawks, Darryl J. de Ruiter, Steven E. Churchill, Peter Schmid, Lucas K. Delezene, Tracy L. Kivell, Heather M. Garvin, Scott A. Williams, Jeremy M. DeSilva, Matthew M. Skinner, Charles, M. Musiba, Noel Cameron, Trenton W. Holliday, William Harcourt-Smith, Rebecca R. Ackerman, Markus Bastir, Barry Bogin, Debra Bolter, Juliet Brophy, Zachary D. Cofran, Kimberly A. Congdon, Andrew S. Deane, Mana Dembo, Michelle Drapeau, Marina C. Elliott, Elen M. Feuerriegel, Daniel Garcia-Martinez, David J. Green, Alia Gurtov, Joel D. Irish, Ashley Kruger, Myra F. Laird, Damiano Marchi, Marc R. Meyer, Shahed Nalla, Enquye W. Negash, Caley M. Orr, Davorka Radovic, Lauren Schroeder, Jill E. Scott, Zachary Throckmorton, Matthew W. Tocheri, Caroline VanSickle, Christopher S. Walker, Pianpian Wei, & Bernhard Zipfel.** 2015. “*Homo naledi*, a new species of the genus *Homo* from the Dinaledi Chamber, Soith Africa.” *eLife* (online @ elifesciences.org) 4 (10 September): e09560.
- Berger, Lee R., John Hawks, Paul H. G. M. Dirks, Marina Elliott, & Eric M. Roberts.** 2017. “*Homo naledi* and Pleistocene hominin evolution in subequatorial Africa.” *eLife* (online @ elifesciences.org) 6 (9 May): e24234.
- Berger, Lee R., with Brett Hilton-Barber.** 2000. *In the Footsteps of Eve: The Mystery of Human Origins*. Washington, D.C.: Adventure Press (National Geographic).
- Berger, Markus, Yiqin Wu, Anthony K. Ogawa, Dustin L. McMinn, Peter G. Schultz, & Floyd E. Romesberg.** 2000. “Universal bases for hybridization, replication and chain termination.” *Nucleic Acids Research* 28 (1 August): 2911-2914.
- Berger, Rainer, & Reiner Protsch.** 1989. “UCLA Radiocarbon Dates XI.” *Radiocarbon* 31 (1): 55-67.
- Berger, W. H.** 2007. “On the discovery of the ice age: science and myth.” *Geological Society, London, Special Publications* 286: 271-278.
- Bergeron, P., A. M. Martin, D. Garant, & F. Pelletier.** 2013. “Comment on ‘Bateman in Nature: Predation on Offspring Reduces the Potential for Sexual Selection’.” *Science* 340 (3 May): 549.
- Bergey, Christina M., Jane E. Phillips-Conroy, Todd R. Disotell, & Clifford J. Jolly.** 2016. “Dopamine pathway is highly diverged in primate species that differ markedly in social behavior.” *Proceedings of the National Academy of Sciences* 113 (31 May): 6178-6181.
- Berggren, W. A., F. J. Hilgen, C. G. Langereis, D. V. Kent, J. D. Obradovich, Isabella Raffi, M. E. Raymo, & N. J. Shackleton.** 1995. “Late Neogene chronology: New perspectives in high-resolution stratigraphy.” *The Geological Society of America GSA Bulletin* 107 (November): 1272-1287.
- Bergier, Jacques.** 1970. *Extraterrestrial Visitations from Prehistoric Times to the Present*. 1974 pb ed. New York: Signet Books.
- Bergin, Mark.** 2006. “Junk science.” *World Magazine* “Nuke nightmare” issue “Education” posting 25 February (online text at www.worldmag.com accessed 5/26/2014).
- . 2007. “Teach the controversy.” *World Magazine* “When the base cracks” issue posting 21 July (online text at www.worldmag.com accessed 5/26/2014).
- . 2008. “Abraham’s test.” *World Magazine* “The plot thickens” issue “Science” posting 12 January (online text at www.worldmag.com accessed 5/26/2014).
- Berglund, Hans, Per Lindström, & Ivanka Savic.** 2006. “Brain response to putative pheromones in lesbian women.” *Proceedings of the National Academy of Sciences* 103 (23 May): 8269-8274.
- Bergman, Jerry.** 1979. “The Attitude of University Students Toward the Teaching of Creation and Evolution in the Schools.” *Geoscience Research Institute Origins* 6 (2): 60-70.
- . 1990a. “General Semantics and Evolution.” *Creation Social Science & Humanities Quarterly Journal* 13 (2): 16-26.
- . 1990b. “Atheism: Official Religion of the USA; Ray Webster Case.” *Origins* article posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 1992. “Some Biological Problems With The Natural Selection Theory.” *Creation Research Society Quarterly* 29 (December) online text accessed 8/8/2008

- (creationresearch.org).
- . 1993a. “A Brief History of the Modern American Creation Movement.” *American Scientific Affiliation* posting of *Contra Mundum* (Spring) article (online text at asa3.org accessed 5/15/2008).
 - . 1993b. “Ota Benga: The Story of the Pygmy on Display in a Zoo.” *Creation Research Society Quarterly* **30** (December) online text accessed 8/8/2008 (creationresearch.org).
 - . 1994a. “Who Are the Creationists?” *Geoscience Research Institute Origins* **21** (2): 85-90.
 - . 1994b. “Arno A. Penzias: Astrophysicist, Nobel Laureate.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **46** (September): 183-187.
 - . 1995a. “Creationism and the Problem of Homosexual Behaviour.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **9** (1): 121-130.
 - . 1995b. “Contemporary suppression of the theistic worldview.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **9** (2): 267-275.
 - . 1996a. “Nineteenth Century Darwinism and the Tasmanian Genocide.” *Creation Research Society Quarterly* **32** (March): 190-196.
 - . 1996b. “Censorship of Information on Origins.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **10** (4): 405-414.
 - . 1997a. “How Genes Manufacture Plants and Animals.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **11** (2): 202-211.
 - . 1997b. “Understanding Poisons from a Creationist Perspective.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **11** (3): 353-360.
 - . 1998. “Are Wisdom Teeth (Third Molars) Vestiges of Human Evolution?” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **12** (3): 297-304.
 - . 1999a. “ATP: The Perfect Energy Currency for the Cell.” *Creation Research Society Quarterly* **36** (June) online text accessed 8/7/2008 (creationresearch.org).
 - . 1999b. “Darwinism and the Nazi Race Holocaust.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **13** (2): 101-111.
 - . 2000a. “Why Abiogenesis Is Impossible.” *Creation Research Society Quarterly* **36** (March) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 6/30/2011).
 - . 2000b. “Do any vestigial structures exist in humans?” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **14** (2): 95-98.
 - . 2001a. “Does homology provide evidence of evolutionary naturalism?” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **15** (1): 26-33.
 - . 2001b. “Back Problems: How Darwinism Mised Researchers.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **15** (3): online text accessed 8/29/2011 (answersingenesis.org).
 - . 2002a. “The giraffe’s neck: another icon of evolution falls.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **16** (1): 120-127.
 - . 2002b. “Why the Miller-Urey research argues against abiogenesis.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **16** (2): online text accessed 6/30/2011 (answersingenesis.org).
 - . 2002c. “Darwin’s critical influence on the ruthless extremes of capitalism.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **16** (2): 105-109.
 - . 2002d. “Are Jerry Bergman and Henry Morris Racists? – An Example of the Irresponsible ‘Research’ of Darwinists (The Cases of Jim Lippard, Lenny Flank, and Tom McIver).” *Revolution Against Evolution* posting (online pdf at www.rae.org accessed 11/2/2013).
 - . 2003a. “Does the acquisition of antibiotic and pesticide resistance provide evidence for evolution?” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **17** (1): 26-32.
 - . 2003b. “The evolution of feathers: a major problem for Darwinism.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **17** (1): 33-41.

- . 2003c. “An Unsuccessful Attempt by the State of California to Close a College.” *Revolution Against Evolution* posting 22 May (online pdf at www.rae.org accessed 12/15/2012).
- . 2003d. “Was Creationism Involved the State Closure of Columbia Pacific University? The Case for Disparate Treatment.” *Revolution Against Evolution* posting (online pdf at www.rae.org accessed 5/26/2014).
- . 2004a. “No. 367—Was Charles Darwin Psychotic? A Study of His Mental Health.” Institute for Creation Research *Impact* (January): i-iv.
- . 2004b. “Human embryonic gills and gill slits—down but not out.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **18** (1): 71-75.
- . 2004c. “Why Mammal Body Hair Is an Evolutionary Enigma.” *Creation Research Society Quarterly* **40** (Spring): 240-243.
- . 2004d. “Pesticide Resistance in Insects: Bad News for Macroevolution Theory.” *Creation Science Association of Alberta* April posting (online text at www.create.ab.ca accessed 3/16/2013).
- . 2004e. “Insect evolution: a major problem for Darwinism.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **18** (2): 91-97.
- . 2004f. “No. 372—A Story of Two Professors.” Institute for Creation Research *Impact* (June): i-iv.
- . 2005. “Darwinism And The Deterioration Of The Genome.” *Creation Research Society Quarterly* **42** (September) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 12/17/2009).
- . 2006. “Does gene duplication provide the engine for evolution?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **20** (1): 99-104.
- . 2007. “No. 409—Creative Evolution: An Anti-Darwin Theory Won a Nobel.” Institute for Creation Research *Impact* (July): i-iv.
- . 2008a. “Did eyes evolve by Darwinian mechanisms?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (2): 67-74.
- . 2008b. “Werner Arber: Nobel Laureate, Darwin Skeptic.” Institute for Creation Research *Acts & Facts* (September): 10.
- . 2009a. “A Brief History of Intolerance in Modern Cosmology.” *Answers in Genesis Answers Research Journal* **2**: 1-9.
- . 2009b. “Fraud and Forgery in Paleoanthropology.” *Answers in Genesis Answers Research Journal* **2**: 1-9.
- . 2009c. “Human-Ape Hybridization: A Failed Attempt to Prove Darwinism.” Institute for Creation Research *Acts & Facts* (May): 12.
- . 2009d. “The Evolution of Dinosaurs: Much Conjecture, Little Evidence.” *Creation Research Society Quarterly* **46** (September): 119-125.
- . 2009e. “C.S. Lewis: creationist and anti-evolutionist.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **23** (3): 110-115.
- . 2010a. “*Inherit the Wind*: A Lesson in Distorting History.” *Answers in Genesis Answers Research Journal* **3**: 61-69.
- . 2010b. “Why Orthodox Darwinism Demands Atheism.” *Answers in Genesis Answers Research Journal* **3**: 147-152.
- . 2010c. “Is the Sodium Chloride Level in the Oceans Evidence for Abiogenesis?” *Answers in Genesis Answers Research Journal* **3**: 159-163.
- . 2010d. “Recurrent Laryngeal Nerve Is Not Evidence of Poor Design.” Institute for Creation Research *Acts & Facts* (June): 12-14.
- . 2010e. “The Mystery of Trilobite Evolution.” *Creation Research Society Quarterly* **47** (Summer): 33-39.
- . 2010f. “Why Orthodox Darwinism Demands Atheism.” *Answers in Genesis Answers Research Journal* **3**: 147-152.
- . 2010g. “Origin of life: the chirality problem.” Updated version of December 1998 *Journal of Creation* article (online text at www.answersingenesis.org accessed 12/6/2014).

- . 2010h. “Tarsiers: An Extraordinarily Unique Primate.” *Creation Science Association of Alberta* November posting (online text at www.create.ab.ca accessed 3/18/2016).
- . 2011a. “The Human Retina Shows Evidence of Good Design.” *Answers in Genesis Answers Research Journal* **4**: 75-80.
- . 2011b. “Michael Faraday: Christian and Scientist.” *Creation Science Association of Alberta* February posting (online text at www.create.ab.ca accessed 6/1/2014).
- . 2011c. “Louis Agassiz: Anti-Darwinist Harvard Paleontology Professor.” *Institute for Creation Research Acts & Facts* (March): 12-14.
- . 2011d. “Jewish Scientists Who Oppose Darwinism.” *Answers in Genesis* article for 31 August (online text at www.answersingenesis.org accessed 8/11/2013).
- . 2011e. “Benjamin Lee Whorf: An Early Supporter of Creationism.” *Institute for Creation Research Acts & Facts* (October): 12-14.
- . 2011f. “C. Everett Koop—Christian and Darwin doubter.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **25** (3): 63-67.
- . 2012a. “An Evaluation of the Myth That ‘Nothing in Biology Makes Sense Except in the Light of Evolution’.” *Answers in Genesis Answers Research Journal* **5**: 1-12.
- . 2012b. “Winchell’s Theistic Evolution Evolved into Racism.” *Creation Research Society Creation Matters* (March/April): 1-4.
- . 2012c. “Is the Human Yolk Sac Vestigial?” *Creation Research Society Creation Matters* (July/August): 1, 7-8.
- . 2012d. “No Evidence for Shark Evolution.” *Creation Science Association of Alberta* October posting (online text at www.create.ab.ca accessed 12/10/2013).
- . 2012e. “Darwinism Is an Ancient Religious Idea.” *Creation Research Society Creation Matters* (November/December): 1, 3-6.
- . 2013a. “Darwin Skeptics: A Select List of Science Academics, Scientists, and Scholars Who are Skeptical of Darwinism.” *Revolution Against Evolution* posting revised 2 September (online pdf at www.rae.org accessed 10/8/2013).
- . 2013b. “William J. Bryan’s Fight against Eugenics and Racism in the Scopes Trial.” *Answers in Genesis* article for 25 September (online text at www.answersingenesis.org accessed 12/29/2013).
- . 2014a. “James Ussher and His Chronology: Reasonable or Ridiculous?” *Institute for Creation Research Acts & Facts* (April): 16-17.
- . 2014b. “Jean-Henri Fabre: Anti-Evolutionist French Scientist.” *Institute for Creation Research Acts & Facts* (July): 18-19.
- Bergman, Jerry, & Joseph Calkins.** 2009. “Why the Inverted Human Retina Is a Superior Design.” *Creation Research Society Quarterly* **45** (Winter): 213-224.
- Bergman, Jerry, & Wayne Frair.** 2007. “Evidence for turtle evolution.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **21** (3): 24-26.
- Bergman, Jerry, & Nancy O’Sullivan.** 2008. “Did immune system antibody diversity evolve?” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **22** (2): 92-96.
- Bergman, Jerry, & Jeffrey Tomkins.** 2011. “The chromosome 2 fusion of human evolution—part 1: re-evaluating the evidence.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **25** (2): 106-110.
- . 2013. “The Chasm Between the Human and Chimpanzee Genomes: A Review of the Evolutionary Literature.” *Proceedings of the Seventh International Conference on Creationism* posting (online pdf at www.icr.org accessed 1/16/2015).
- Bergman, Thore J.** 2013. “Speech-like vocalized lip-smacking in geladas.” *Current Biology* **23** (8 April): R268-R269.
- Bergman, Thore J., Jacinta C. Beehner, Dorothy L. Cheney, & Robert M. Seyfarth.** 2003. “Hierarchical Classification by Rank and Kinship in Baboons.” *Science* **302** (14 November): 1234-1236.
- Bergmann, U., R. W. Morton, P. L. Manning, W. I. Sellers, S. Farrar, K. G. Huntley, R. A. Wogelius, & P. Larson.** 2010. “*Archaeopteryx* feathers and bone chemistry fully revealed

- via synchrotron imaging.” *Proceedings of the National Academy of Sciences* **107** (18 May): 9060-9065.
- Bergmiller, Tobias, Martin Ackermann, & Olin K. Silander.** 2012. “Patterns of Evolutionary Conservation of Essential Genes Correlate with Their Compensability.” *PLoS Genetics* (online @ plosgenetics.org) **8** (June): e1002803.
- Bergsland, Kristin J., & Robert Haselkorn.** 1991. “Evolutionary Relationships among Eubacteria, Cyanobacteria, and Chloroplasts: Evidence from the *rpoCI* Gene of *Anabaena* sp. Strain PCC 7120.” *Journal of Bacteriology* **173** (June, No. 1): 3446-3455.
- Bergson, Henri,** trans. Arthur Mitchell. 1911. *Creative Evolution*. New York: Henry Holt & Co.
- Bergström, Anders, Nano Nagle, Yuan Chen, Shane McCarthy, Martin O. Pollard, Qasim Ayub, Stephen Wilcox, Leah Wilcox, Roland A. H. van Oorschot, Peter McAllister, Lesley Williams, Yali Xue, R. John Mitchell, & Chris Tyler-Smith.** 2016. “Deep Roots for Aboriginal Australian Y Chromosomes.” *Current Biology* **26** (21 March): 1-5.
- Bergstrom, Carl T., & Michael Lachmann.** 2003. “The Red King effect: When the slowest runner wins the coevolutionary race.” *Proceedings of the National Academy of Sciences* **100** (21 January): 593-598.
- Bergstrom, Carl T., Marc Lipsitch, & Bruce R. Levin.** 2000. “Natural Selection, Infectious Transfer and the Existence Conditions for Bacterial Plasmids.” *Genetics* **155** (August): 1505-1519.
- Bergstrom, Carl T., Erin McKittrick, & Rustom Antia.** 2003. “Mathematical models of RNA silencing: Unidirectional amplification limits accidental self-directed reactions.” *Proceedings of the National Academy of Sciences* **100** (30 September): 11511-11516.
- Bergström, Jan.** 1992. “The Oldest Arthropoda and the Origin of the Crustacea.” *Acta Zoologica (Stockholm)* **73** (December): 287-291.
- Bergström, Jan, & Xian-Guang Hou.** 2003. “Arthropod origins.” *Czech Geological Survey Bulletin of Geosciences* **78** (4): 323-334.
- Bergström, Tomas F., Hans Engkvist, Rikard Erlandsson, Agnetha Josefsson, Steven J. Mack, Henry A. Erlich, & Ulf Gyllensten.** 1999. “Tracing the Origin of HLA-DRB1 Alleles by Microsatellite Polymorphism.” *The American Journal of Human Genetics* **64** (June): 1709-1718.
- Bergström, Tomas F., Rikard Erlandsson, Hans Engkvist, Agnetha Josefsson, Henry A. Erlich, & Ulf Gyllensten.** 1999. “Phylogenetic history of hominoid DRB loci and alleles inferred from intron sequences.” *Immunological Reviews* **167** (February): 351-365.
- Bergström, Tomas F., Agnetha Josefsson, Henry A. Erlich, & Ulf Gyllensten.** 1998. “Recent origin of *HLA-DRB1* alleles and implications for human evolution.” *Nature Genetics* **18** (March): 737-747.
- Berghthorsson, Ulfar, Keith L. Adams, Brendan Thomason, & Jeffrey D. Palmer.** 2003. “Widespread horizontal transfer of mitochondrial genes in flowering plants.” *Nature* **424** (10 July): 197-201.
- Berghthorsson, Ulfar, Dan I. Andersson, & John R. Roth.** 2007. “Ohno’s dilemma: Evolution of new genes under continuous selection.” *Proceedings of the National Academy of Sciences* **104** (23 October): 17004-17009.
- Berillon, G.** 2003. “Assessing the longitudinal structure of the early hominid foot: A two-dimensional architecture analysis.” *Human Evolution* **18** (July-December): 113-122.
- Bering, Jesse M.** 2001. “Theistic Percepts in Other Species: Can Chimpanzees Represent the Minds of Non-Natural Agents?” *Journal of Cognition and Culture* **1** (2): 107-137.
- . 2002a. “The existential theory of mind.” *Review of General Psychology* **61** (March): 3-24.
- . 2002b. “Intuitive Conceptions of Dead Agents’ Minds: The Natural Foundations of Afterlife Beliefs as Phenomenological Boundary.” *Journal of Cognition and Culture* **2** (4): 263-308.
- . 2006a. “The Cognitive Psychology of Belief in the Supernatural.” *American Scientist* **94** (March-April): 142-149.
- . 2006b. “The folk psychology of souls.” *Behavioral and Brain Sciences* **29** (October):

- 453-498.
- . 2008a. “Why Hell Is Other People: Distinctively Human Psychological Suffering.” *Review of General Psychology* **12** (March): 1-8.
- . 2008b. “Religious People Aren’t as Scientifically Naïve as We Think.” *Quirky Little Things* posting 7 December (online text at *psychologytoday.com* accessed 6/14/2012).
- . 2010. “Polyamory chic, gay jealousy and the evolution of a broken heart.” *Bering in Mind* blog for 25 August (online text at *blogs.scientificamerican.com* accessed 2/25/2012).
- Bering, Jesse M., & David F. Bjorklund.** 2004. “The Natural Emergence of Reasoning About the Afterlife as a Developmental Regularity.” *Developmental Psychology* **40** (March): 217-233.
- Bering, Jesse M., Carlos Hernández Blasi, & David F. Bjorklund.** 2005. “The development of ‘afterlife’ beliefs in religiously and secularly schooled children.” *British Journal of Developmental Psychology* **23** (November): 587-607.
- Bering, Jesse M., & Dominic D. P. Johnson.** 2005. “‘O Lord ... You Perceive my Thoughts from Afar’: Recursiveness and the Evolution of Supernatural Agency.” *Journal of Cognition and Culture* **5** (1-2): 118-142.
- Bering, Jesse M., Katrina McLeod, & Todd K. Shackleford.** 2005. “Reasoning about Dead Agents Reveals Possible Adaptive Trends.” *Human Nature* **16** (Winter): 360-381.
- Bering, Jesse M., & Becky D. Parker.** 2006. “Children’s Attributions of Intentions to an Invisible Agent.” *Developmental Psychology* **42** (March): 253-262.
- Bering, Jesse M., & Todd K. Shackleford.** 2004. “The Causal Role of Consciousness: A Conceptual Addendum to Human Evolutionary Psychology.” *Review of General Psychology* **8** (December): 227-248.
- Beringer, Malte, & Marina V. Rodnina.** 2007. “The Ribosomal Peptidyl Transferase.” *Molecular Cell* **26** (11 May): 3119-321.
- Berk, Arnold J.** 2016. “Discovery of RNA splicing and genes in pieces.” *Proceedings of the National Academy of Sciences* **113** (19 January): 801-805.
- Berke, Ian C., Xiong Yu, Yorgo Modis, & Edward H. Egelman.** 2012. “MDA5 assembles into a polar helical filament on dsRNA.” *Proceedings of the National Academy of Sciences* **109** (6 November): 18437-18441.
- Berkes, Pietro, Gergő Orbán, Máté Lengyei, & József Fiser.** 2011. “Spontaneous Cortical Activity Reveals Hallmarks of an Optimal Internal Model of the Environment.” *Science* **331** (7 January): 83-87.
- Berkman, Michael B., Julianna Sandell Pacheco, & Eric Plutzer.** 2008. “Evolution and Creationism in America’s Classrooms: A National Portrait.” *PLoS Biology* (online @ plosbiology.org) **6** (May): e124.
- Berkman, Michael B., & Eric Plutzer.** 2010. *Evolution, Creationism, and the Battle to Control America’s Classrooms*. Cambridge: Cambridge University Press.
- . 2011. “Defeating Creationism in the Courtroom, But Not in the Classroom.” *Science* **331** (28 January): 404-405.
- . 2012. “An Evolving Controversy: The Struggle to Teach Science in Science Classes.” *American Educator* (Summer): 12-17, 20-23, 40.
- . 2015. “Enablers of Doubt: How Future Teachers Learn to Negotiate the Evolution Wars in Their Classrooms.” *The Annals of the American Academy of Political and Social Science* (March): 253-270.
- Berkyová, Stanislava, Jiří Frýda, & Pavel Lukeš.** 2007. “Unsuccessful predation on Middle Paleozoic plankton: Shell injury and anomalies in Devonian dacroconarid tenticulites.” *Acta Palaeontologica Polonica* **52** (2): 407-412.
- Berland, H. M., A. Sharma, E. P. Cribiu, R. Darre, J. Boscher, & C. P. Popescu.** 1988. “A New Case of Robertsonian Translocation in Cattle.” *Journal of Heredity* **79** (January): 33-36.
- Berlatsky, Noah.** 2014. “The Intelligent-Design Theory That Inspired Darwin.” *The Atlantic* posting 8 February: online text accessed 2/21/2014 (theatlantic.com).
- Berliant, Leslie.** 2009. “Global Warming Deniers Part Ways: Australian Institute of Public

- Affairs Says Goodbye to Jennifer Marohasy.” *DeSmog* 10 July posting (online text at www.desmog.com accessed 6/26/2011).
- Berlin, Ira.** 1998. *Many Thousands Gone: The First Two Centuries of Slavery in North America*. Cambridge, MA: Belknap Press (Harvard University Press).
- Berlin, Jeremy.** 2012. “Sabertooth Vegetarian.” *National Geographic* **222** (July): 17.
- . 2013. “Moon Faces.” *National Geographic* **223** (May): 24.
- Berlin, S., D. Tomaras, & B. Charlesworth.** 2007. “Low mitochondrial variability in birds may indicate Hill-Robertson effects on the W chromosome.” *Heredity* **99** (October): 389-396.
- Berlinski, David.** 1996a. “The Soul of Man Under Physics.” *Commentary* **101** (January): 38-46.
- . 1996b. “The Deniable Darwin.” *Commentary* **101** (June): 19-29.
- . 1997. “The Limits of Darwinism.” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- . 1998. “Was There a Big Bang?” *Commentary* **105** (February): 28-38.
- . 2000. *The Advent of the Algorithm: The Idea That Rules the World*. New York: Harcourt, Inc.
- . 2001. “What Brings a World into Being?” *Commentary* **111** (April): 17-23.
- . 2002a. “Shermer’s Cozy Delusion: A Response to Shermer’s ‘The Gradual Illumination of the Mind’ (Scientific American, February 2002).” *Center for the Renewal of Science & Culture* posting 23 January (online text at discovery.org accessed 11/26/2002).
- . 2002b. “Has Darwin Met His Match?” *Commentary* **114** (December): 31-41.
- . 2003a. “A Scientific Scandal.” *Commentary* **115** (April): 29-36.
- . 2003b. “To the editor.” *Talk Reason* 28 July posting of 19 July letter (online text at talkreason.org accessed 7/30/2003).
- . 2006a. “On the Origins of Life.” *Commentary* **118** (February): (online *Center for Science & Culture* 14 June 2007 posting at discovery.org accessed 6/30/2011).
- . 2006b. “The Vampire’s Heart.” *Discovery Institute* August posting (online text at www.discovery.org accessed 8/20/2006, not available as of 4/20/2016).
- . 2008. *The Devil’s Delusion: Atheism and Its Scientific Pretensions*. New York: Crown Forum.
- . 2010. *The Deniable Darwin and Other Essays*. Seattle, WA: Discovery Institute Press.
- . 2011. “Majestic Ascent: Berlinski on *Darwin on Trial*.” *Discovery Institute Evolution News & Views* for 20 November (online text at evolutionnews.org accessed 12/12/2011).
- . 2013a. “A Graduate Student Writes.” *Discovery Institute Evolution News & Views* for 9 July (online text at evolutionnews.org accessed 8/13/2013).
- . 2013b. “A One-Man Clade.” *Discovery Institute Evolution News & Views* for 18 July (online text at evolutionnews.org accessed 8/13/2013).
- Berlinski, David, & Tyler Hampton.** 2013. “Hopeless Matzke.” *Discovery Institute Evolution News & Views* for 18 August (online text at evolutionnews.org accessed 10/13/2013).
- Berlinski, David, Phillip E. Johnson, Jonathan Wells, Michael J. Behe, William A. Dembski, John G. West, James Downard, Robert C. Koons, Roland F. Hirsch, Jason Rosenhouse, Jeffrey Shallit, Matt Young, Andrea Bottaro, Pete Dunkelberg,** with reply by **Paul R. Gross.** 2003. “Letters to the Editor.” *National Association of Scholars Science Insights* **7** (5): 11-45.
- Berlitz, Charles.** 1972. *Mysteries from Forgotten Worlds*. 1973 pb ed. New York: Dell.
- . 1981. *Doomsday 1999 A.D.* Garden City, NY: Doubleday.
- Berlitz, Charles, with J. Manson Valentine.** 1974. *The Bermuda Triangle*. Garden City, NY: Doubleday.
- . 1977. *Without a Trace*. Garden City, NY: Doubleday.
- Berlocher, Stewart H.** 2013. “Regularities and irregularities in periodical cicada evolution.” *Proceedings of the National Academy of Sciences* **110** (23 April): 6620-6621.
- Berlocher, Stewart H., & Jeffrey L. Feder.** 2002. “Sympatric Speciation in Phytophagous Insects: Moving Beyond Controversy?” *Annual Review of Entomology* **47**: 773-815.
- Berman, D. S.** 1979. “Edaphosaurus (Reptilia, Pelycosauria) from the Lower Permian of Northeastern United States, with description of a new species.” *Annals of Carnegie*

- Museum* **48** (11): 185-202.
- Berman, David S., Amy C. Henrici, & Spencer G. Lucas.** 2013. “*Ophiacodon* (Synapsida, Ophiacodontidae) from the Lower Permian Sangre de Cristo Formation of New Mexico.” *New Mexico Museum of History and Science Bulletin* **60**: 36-41.
- Berman, David S., Robert R. Reisz, John R. Bolt, & Diane Scott.** 1995. “The cranial anatomy and relationships of the synapsid *Varanosaurus* (Eupelycosauria: Ophiacodontidae) from the Early Permian of Texas and Oklahoma.” *Annals of Carnegie Museum* **58** (12 May): 99-133.
- Berman, David S., Robert R. Reisz, Diane Scott, Amy C. Henrici, Stuart S. Sumida, & Thomas Martens.** 2000. “Early Permian Bipedal Reptile.” *Science* **290** (3 November): 969-972.
- Berman, Judith.** 2010. “When abnormality is beneficial.” *Nature* **468** (11 November): 183-184.
- Berman, Louis A.** 2003. *The Puzzle: Exploring the Evolutionary Puzzle of Male Homosexuality*. Wilmette, IL: Godot.
- Berman, Marshall, & David Thomas.** 2005. “New Mexico’s Science Standards Do not Support the Concept of ‘Teach the Controversy’.” *Reports of the National Center for Science Education* **25** (May-June): 4-8.
- Bermúdez, José Luis.** 2008. “The reinterpretation hypothesis: Explanation or redescription?” *Behavioral and Brain Sciences* **31** (April): 131-132.
- Bermúdez de Castro, José María, María Martínón-Torres, Leyre Prado, Aida Gómez-Robles, Jordi Rosell, Lucia López-Polin, Juan Luis Arsuaga, & Eudald Carbonell.** 2010. “New immature hominin fossil from European Lower Pleistocene shows the earliest evidence of a modern human dental development pattern.” *Proceedings of the National Academy of Sciences* **107** (29 June): 11739-11744.
- Bern, Marshall, Brett S. Phinney, & David Goldberg.** 2009. “Reanalysis of *Tyrannosaurus rex* Mass Spectra.” *Journal of Proteome Research* **8** (September): 4328-4332.
- Berna, Francesco, Paul Goldberg, Liora Kolska Horwitz, James Brink, Sharon Holt, Marion Bamford, & Michael Chazan.** 2012. “Microstratigraphic evidence of in situ fire in Archeulean strata of Wonderwerk Cave, Northern Cape province, South Africa.” *Proceedings of the National Academy of Sciences* **109** (15 May): E1215-E1220.
- Bernabei, Tullio, Paolo Forti, & Roberto Villasuso.** 2007. “Sails: a new gypsum speleothem from Naica, Chihuahua, Mexico.” *International Journal of Speleology* **36** (January): 23-30.
- Bernal, Ignacio,** trans. Doris Hevden & Fernando Horcasitas. 1969. *The Olmec World*. Berkeley, CA: University of California Press.
- Bernal, Martin.** 1987. *Black Athena: The Afroasiatic Roots of Classical Civilization. Volume I: The Fabrication of Ancient Greece 1785-1985*. 1994 pb ed. New Brunswick, NJ: Rutgers University Press.
- . 1991. *Black Athena: The Afroasiatic Roots of Classical Civilization. Volume II: The Archaeological and Documentary Evidence*. 1993 pb ed. New Brunswick, NJ: Rutgers University Press.
- . 1992. “The Case for Massive Egyptian Influence in the Aegean.” *Archaeology* **45** (September/October): 53-55, 82, 86.
- Bernal, Susana, Lars O. Hedin, Gene E. Likens, Stefan Gerber, & Don C. Buso.** 2012. “Complex response of the forest nitrogen cycle to climate change.” *Proceedings of the National Academy of Sciences* **109** (28 February): 3406-3411.
- Bernal-Méndez, Eloy, & Christian J. Leumann.** 2001. “Conformational Diversity Versus Nucleic Acid Triplex Stability, a Combinatorial Study.” *The Journal of Biological Chemistry* **276** (21 September): 35320-35327.
- Bernard, Aurélien, Christophe Lécuyer, Peggy Vincent, Romain Amiot, Nathalie Bardet, Eric Buffetaut, Gilles Curry, François Fourel, François Martineau, Jean-Michel Mazin, & Abel Prieur.** 2010. “Regulation of Body Temperature by Some Mesozoic Marine Reptiles.” *Science* **328** (11 June): 1379-1382.
- Bernard, Emma L., Marcello Ruta, James E. Tarver, & Michael J. Benton.** 2010. “The fossil record of early tetrapods: Worker effort and the end-Permian mass extinction.” *Acta*

- Palaeontologica Polonica* **55** (2): 229-239.
- Bernard, Sylvain, Karim Benzerara, Olivier Beyssac, Nicolas Menguy, Francois Guyot, Gordon E. Brown Jr., & Bruno Goffé.** 2007. "Exceptional preservation of fossil plant spores in high-pressure metamorphic rocks." *Earth and Planetary Science Letters* **262** (15 October): 257-272.
- Bernardos, Rebecca L., Linda K. Barthel, Jason R. Meyers, & Pamela A. Raymond.** 2007. "Late-Stage Neuronal Progenitors in the Retina Are Radial Müller Glia That Function as Retinal Stem Cells." *The Journal of Neuroscience* **27** (27 June): 7028-7040.
- Bernatchez, Louis, Sébastien Renaut, Andrew R. Whiteley, Nicolas Derome, Julie Jeukens, Lysandre Landry, Guoqing Lu, Arne W. Nolte, Kjartan Østbye, Sean M. Rogers, & Jérôme St-Cyr.** 2010. "On the origin of species: insights from the ecological genomics of whitefish." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (June): 1783-1800.
- Bernauer, Jan C., & Randolph Pohl.** 2014. "The Proton Radius Problem." *Scientific American* **310** (February): 32-39.
- Berné, Olivier, & A. G. G. M. Tielens.** 2012. "Formation of buckminsterfullerene (C₆₀) in interstellar space." *Proceedings of the National Academy of Sciences* **109** (10 January): 401-406.
- Berner, Robert A.** 1999. "Atmospheric oxygen over Phanerozoic time." *Proceedings of the National Academy of Sciences* **96** (28 September): 10955-10957.
- . 2002. "Examination of hypotheses for the Permo-Triassic boundary extinction by carbon cycle modeling." *Proceedings of the National Academy of Sciences* **99** (2 April): 4172-4177.
- Bernhardt, Harold S.** 2012. "The RNA world hypothesis: the worst theory of the early evolution of life (except for all the others)." *Biology Direct* (online @ biomedcentral.com) **7** (13 July): 23.
- Berns, Gregory S., & Scott Atran.** 2012. "The biology of cultural conflict." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (March): 633-639.
- Berns, Gregory S., Jonathan Chappelow, Milos Cekic, Caroline F. Zink, Giuseppe Pagnoni, & Megan E. Martin-Skurski.** 2006. "Neurobiological Substrates of Dread." *Science* **312** (5 May): 754-758.
- Berns, Gregory S., Jonathan Chappelow, Caroline F. Zink, Giuseppe Pagnoni, Megan E. Martin-Skurski, & Jim Richards.** 2005. "Neurobiological Correlates of Social Conformity and Independence During Mental Rotation." *Biological Psychiatry* **58** (August): 245-253.
- Berns, Gregory S., Jonathan D. Cohen, & Mark A. Mintun.** 1997. "Brain Regions Responsive to Novelty in the Absence of Awareness." *Science* **276** (23 May): 1272-1275.
- Bernstein, G. M., D. E. Trilling, R. L. Allen, M. E. Brown, M. Holman, & R. Malhotra.** 2004. "The size distribution of Trans-Neptunian Bodies." *The Astronomical Journal* **128** (September): 1364-1390.
- Bernstein, Harris, & Carol Bernstein.** 2010. "Evolutionary Origin of Recombination during Meiosis." *BioScience* **60** (July): 498-505.
- Bernstein, Mark F.** 2006. "Farish Jenkins '61 uncovers a piece in the evolutionary puzzle." *Princeton Alumni Weekly* (7 June): online text accessed 11/23/2013 (www.princeton.edu/paw).
- Bernstein, Max P.** 2006. "Prebiotic materials from on and off the early earth." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1689-1702.
- Bernstein, Max P., Jason P. Dworkin, Scott A. Sandford, George W. Cooper, & Louis J. Allamandola.** 2002. "Racemic amino acids from the ultraviolet photolysis of interstellar ice analogues." *Nature* **416** (28 March): 401-403.
- Bernstein, Max P., Scott A. Sandford, & Louis J. Allamandola.** 1999. "Life's Far-Flung Raw Materials." *Scientific American* **281** (July): 42-49.

- Bernstein, Max P., Scott A. Sandford, Louis J. Allamandola, J. Seb Gillette, Simon J. Clemett, & Richard N. Zare.** 1999. "UV Irradiation of Polycyclic Aromatic Hydrocarbons in Ices: Production of Alcohols, Quinones, and Ethers." *Science* **283** (19 February): 1135-1138.
- Bernstein, Peter.** 2003. "The ear region of *Latimeria chalumnae*: functional and evolutionary implications." *Zoology* **106** (3): 233-242.
- Bernstein, Ralph E.** 1984. "Darwin's illness: Chagas' disease resurgens." *Journal of the Royal Society of Medicine* **77** (July): 608-609.
- Beroza, Gregory C.** 2012. "How many great earthquakes should we expect?" *Proceedings of the National Academy of Sciences* **109** (17 January): 651-652.
- Berra, Tim M.** 1990. *Evolution and the Myth of Creationism: A Basic Guide to the Facts of the Evolution Debate*. Stanford, CA: Stanford University Press.
- . 2001. "Ignorance Can Be Funny." *Reports of the National Center for Science Education* **21** (May-August): 14-15.
- Berrier, Justin.** 2011. "The Fake 'War On Christmas' Campaign Begins." Media Matters Research posting 11 November (online text at mediamatters.org accessed 11/13/2012).
- Berry, A., A. Senescau, J. Lelièvre, F. Benoit-Vical, R. Fabre, B. Marchou, & J. F. Magnaval.** 2006. "Prevalence of *Plasmodium falciparum* cytochrome b gene mutations in isolates imported from Africa, and implications for atovaquone resistance." *Transactions of The Royal Society of Tropical Medicine and Hygiene* **100** (October): 986-988.
- Berry, Ed.** 2011a. "9/11: Controlled demolition, not aircraft, destroyed buildings." *PolyMontana* 14 September posting (online text at polymontana.com accessed 11/5/2011).
- . 2011b. "Congressman Rehberg goes to bat for Montana on HR 1505." *PolyMontana* 25 October posting (online text at polymontana.com accessed 11/5/2011).
- Berry, Harrison.** 2014. "Creationist Museum Opens in Boise." *Boise Weekly* posting 18 June: online text accessed 6/19/2014 (www.boiseweekly.com).
- Berry, Joel, Stephanie C. Weber, Nilesh Vaidya, Mikko Haataja, & Clifford P. Brangwynne.** 2015. "RNA transcription modulates phase transition-driven nuclear body assembly." *Proceedings of the National Academy of Sciences* **112** (15 September): E5237-E5245.
- Berry, Richard M., & Howard C. Berg.** 1999. "Torque Generated by the Flagellar Motor of *Escherichia coli* while Driven Backward." *Biophysical Journal* **76** (January): 580-587.
- Berry, Susan.** 2015. "GAO Confirms: Planned Parenthood and Other Groups Use Taxpayer Funds to Promote Abortion." *Breitbart News* 25 March posting (online text at www.breitbart.com accessed 4/13/2015).
- Bersaglieri, Todd, Pardis C. Sabeti, Nick Patterson, Trisha Vanderploeg, Steve F. Schaffner, Jared A. Drake, Matthew Rhodes, David E. Reich, & Joel N. Hirschhorn.** 2004. "Genetic Signatures of Strong Positive Selection at the Lactase Gene." *The American Journal of Human Genetics* **74** (June): 1111-1120.
- Berson, Eliot L.** 1996. "Retinitis pigmentosa: Unfolding its mystery." *Proceedings of the National Academy of Sciences* **93** (14 May): 4526-4528.
- Berta, Annalisa.** 1991. "New *Enaliarctos** (Pinnipedimorpha) from the Oligocene and Miocene of Oregon and the Role of 'Enaliarctids' in Pinniped Phylogeny." *Smithsonian Contributions to Paleobiology* No. 69: 1-33.
- . 1994. "What Is a Whale?" *Science* **263** (14 January): 180-181.
- Berta, Annalisa, Eric G. Ekdale, & Ted W. Cranford.** 2014. "Review of the Cetacean Nose: Form, Function, and Evolution." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **297** (November): 2205-2215.
- Berta, Annalisa, Clayton E. Ray, & André R. Wyss.** 1989. "Skeleton of the Oldest Pinniped, *Enaliarctos mealsi*." *Science* **244** (7 April): 60-62.
- Bertamini, Marco, & Roberto Casati.** 2009. "False beliefs and naïve beliefs: They can be good for you." *Behavioral and Brain Sciences* **32** (6): 512-513.
- Berta-Thompson, Zachory K., Jonathan Irwin, David Charbonneau, Elisabeth R. Newton, Jason A. Dittmann, Nicola Astudillo-Defru, Xavier Bonfils, Michaël Gillon, Emmanuel Jehin, Antony A. Stark, Brian Stalder, Francois Bouchy, Xavier Delfosse, Thierry**

- Forveille, Christophe Lovis, Michel Mayor, Vasco Neves, Francesco Pepe, Nuno C. Santos, Stéphane Udry, & Anaël Wünsche.** 2015. “A rocky planet transiting a nearby low-mass star.” *Nature* **527** (12 November): 204-207.
- Bertazzo, Sergio, Susannah C. R. Maidment, Charalambos Kallepitis, Sarah Fearn, Molly M. Stevens, & Hai-nan Xie.** 2015. “Fibres and cellular structures preserved in 75-million-year-old dinosaur specimens.” *Nature Communications* (online @ nature.com) **6** (9 June): 7352.
- Berthault, Guy.** 2003. “Response by Guy Berthault to criticism of his ‘Stratigraphy’.” *Theotokos* 31 July posting translated from French (online text at www.theotokos.org.uk accessed 12/3/2012).
- . 2009. “Evolution: A Theory Headed for Extinction?” Cybercast (formerly Conservative) New Service *CNSnews* 30 October posting (online text at cnsnews.com accessed 12/3/2012).
- Berthault, Guy, & Alexander Lalomov.** 2007. “Determination of Actual Time of Sedimentation of Cambrian-Ordovician Sandstones of North-west Russian Platform.” *Moscow Society for Creation Science* posting of 16 April paper presented at European Geoscience Union meeting (online text at www.mtu-net.ru/creation accessed 12/3/2012).
- Berthault, G., A. V. Lalomov, & M. A. Tugarova.** 2011. “Reconstruction of Paleolithodynamic Formation Conditions of Cambrian-Ordovician Sandstones in the Northwestern Russian Platform.” *Lithology and Mineral Resources* **46** (1): 60-70.
- Berthaume, Michael, Ian R. Grosse, Nirdesh D. Patel, David S. Strait, Sarah Wood, & Brian G. Richmond.** 2010. “The Effect of Early Hominin Occlusal Morphology on the Fracturing of Hard Food Items.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **293** (April): 594-606.
- Berticat, Claire, Grégoire Boquien, Michel Raymond, & Christine Chevillon.** 2002. “Insecticide resistance genes induce a mating competition cost in *Culex pipiens*.” *Genetics Research* (AKA *Genetical Research*) **79** (February): 41-47.
- Berticat, C., O. Duron, D. Heyse, & M. Raymond.** 2004. “Insecticide resistance genes confer a predation cost on mosquitoes, *Culex pipiens*.” *Genetics Research* (AKA *Genetical Research*) **83** (June): 189-196.
- Berticat, Claire, François Rousset, Michel Raymond, Arnaud Berthomieu, & Mylène Weill.** 2002. “High *Wolbachia* density in insecticide-resistance mosquitoes.” *Proceedings of the Royal Society of London B* (Biological Sciences) **269** (7 July): 1413-1416.
- Bertog, Janet L.** 2013. “Time of Onset of Volcanic Centers in the Campanian of Western North America as Determined by Distal Ashfalls.” *Open Journal of Geology* (online @ dx.doi.org) **3** (April): 121-133.
- Bertog, Janet, David L. Jeffrey, Katherine Coode, William B. Hester, Rath R. Robinson, & John Bishop.** 2014. “Taphonomic patterns of a dinosaur accumulation in a lacustrine delta system in the Jurassic Morrison Formation, San Rafael Swell, Utah, USA.” *Palaeontologia Electronica* (online @ palaeo-electronica.org) **17** (3): 36A.
- Bertoldi, Mariarita, Marco Gonsalvi, Roberto Contestabile, & Carla Borri Voltattorni.** 2002. “Mutation of Tyrosine 332 to Phenylalanine Converts Dopa Decarboxylase into a Decarboxylation-dependent Oxidative Deaminase.” *The Journal of Biological Chemistry* **277** (27 September): 36357-36362.
- Bertram, Gwyneth, Shona Innes, Odile Minella, Jonathan P. Richardson, & Ian Stansfield.** 2001. “Endless possibilities: translation termination and stop codon recognition.” *Microbiology* **147** (February): 255-269.
- Bertram, Karl, Dmitry E. Agafonov, Wen-Ti Liu, Olexandr Dybkov, Cindy L. Will, Klaus Hartmuth, Henning Urlaub, Berthold Kastner, Holger Stark, & Reinhard Lührmann.** 2017. “Cryo-EM structure of a human spliceosome activated for step 2 of splicing.” *Nature* **542** (16 February): 318-323.
- Bertrán, Joan.** 2008. “A Darwinian Process: The Molecular Evolution of Enzymes.” *Pensamiento* **64** (núm. 242): 771-782.
- Bertrand, J. A. M., Y. X. C. Bourgeois, B. Delahaie, T. Duval, R. García-Jiménez, J.**

- Cornuault, P. Heeb, B. Milá, B. Pujol, & C. Thébaud.** 2014. “Extremely reduced dispersal and gene flow in an island bird.” *Heredity* **112** (February): 190-196.
- Bertrand, Stephanie, Alain Camasses, Ildiko Somorjai, Mohamed R. Belgacem, Olivier Chabrol, Marie-Line Escande, Pierre Pontarotti, & Hector Escriva.** 2011. “Amphioxus FGF signaling predicts the acquisition of vertebrate morphological traits.” *Proceedings of the National Academy of Sciences* **108** (31 May): 9160-9165.
- Bertrand, Stéphanie, Thomas Iwema, & Hector Escriva.** 2014. “FGF Signaling Emerged Concomitantly with the Origin of Eumatazoans.” *Molecular Biology and Evolution* **31** (February): 310-318.
- Bertranpetit, Jaume.** 2000. “Genome, diversity, and origins: The Y chromosome as a storyteller.” *Proceedings of the National Academy of Sciences* **97** (20 June): 6927-6929.
- Bertsche, Kirk.** 2008a. “Intrinsic Radiocarbon?” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **60** (March): 38-39.
- . 2008b. “RATE’s Radiocarbon: Intrinsic or Contamination?” *American Scientific Affiliation* 10 July posting (online text at asa3.org accessed 2/21/2010).
- Bertucci, Paola, & Detlev Arendt.** 2013. “Somatic and visceral nervous systems – an ancient duality.” *BMC Biology* (online @ biomedcentral.com) **11** (30 April): 54.
- Bertuzzo, Enrico, Samir Suweis, Lorenzo Mari, Amos Maritan, Ignacio Rodriguez-Iturbe, & Andrea Rinaldo.** 2011. “Spatial effects on species preference and implications for biodiversity.” *Proceedings of the National Academy of Sciences* **108** (15 March): 4346-4351.
- Bérubé, Michael.** 2005. “Steve Fuller replies.” *Michael Bérubé* 5 December blog comments posting (online text at www.michaelberube.com accessed 8/26/2008).
- Berwald, Juli.** 2009. “Reporting From the Front Lines of the Texas Evolution Debate.” *Wired* 30 March posting (online text at wired.com accessed 1/4/2013).
- Berwick, Robert.** 1996. “Feeling for the Organism.” *Boston Review* **21** (December/January): online text accessed 2/15/2002 (bostonreview.net).
- . 1997. “Robert Berwick Responds.” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- Berwick, Robert C., & Noam Chomsky.** 2016. *Why Only Us: Language and Evolution*. Cambridge, MA: MIT Press.
- Bessier, Elaine.** 2005. “Some lawmakers request hearings for KU professor.” *The Johnson County Sun* (Kansas) posting 8 December (online text at www.zwire.com accessed 12/12/2005, not available as of 4/8/14).
- Besson, Sebastien, & Jacques Dumais.** 2011. “Universal rule for the symmetric division of plant cells.” *Proceedings of the National Academy of Sciences* **108** (12 April): 6294-6299.
- Best, Alex, Andy White, & Mike Boots.** 2010. “Resistance is Futile But Tolerance Can Explain Why Parasites Do Not Always Castrate Their Hosts.” *Evolution* **64** (February): 348-357.
- Best, Robert B.** 2014. “Bootstrapping New Protein Folds.” *Biophysical Journal* **107** (September): 1040-1041.
- Bethell, Tom.** 1985. “Agnostic Evolutionists: The Taxonomic Case Against Darwin.” *Harper’s* **270** (February): 49-52, 56-58, 60-61.
- . 1993. “Doubting Dada Physics.” *The American Spectator* **26** (August): 16-17.
- . 1996. “A New Beginning.” *The American Spectator* **29** (September): 16-17.
- . 1999a. “Rethinking Relativity.” *The American Spectator* **32** (April): 20-23.
- . 1999b. “The Evolution Wars.” *The American Spectator* **32** (December): 18-20.
- . 2000. “No Time for Science.” *The American Spectator* **33** (December): 27.
- . 2001a. “Tom Bethell Replies.” *The American Spectator* **34** (February): 10.
- . 2001b. “A Map to Nowhere: The genome isn’t a code, and we can’t read it.” *The American Spectator* **34** (April): 51-56.
- . 2002. “That’s Life: The Evolution of Edward O. Wilson.” *The American Spectator* **35** (March/April): 54-58.
- . 2005. *The Politically Incorrect Guide™ to Science*. Washington, D.C.: Regnery Publishing, Inc.

- . 2007. “The Anxious Search: Are We Alone?” *The American Spectator* (April): online text accessed 11/9/2013 (spectator.org).
- . 2009a. *Questioning Einstein: Is Relativity Necessary*. Pueblo West, CO: Vales Lake Publishing.
- . 2009b. “Can We Do Without Relativity?” *The American Spectator* (September): online text accessed 11/23/2011 (spectator.org).
- . 2010a. “Relativity and relativism: Something higher than the ‘I.’” *The Washington Times* posting 31 May: online text accessed 11/23/2011 (www.washingtontimes.com).
- . 2010b. “Questioning Einstein: Is Relativity Necessary?” *Proceedings of the NPA* (Natural Philosophy Association) speech posting (online pdf at www.K1man.com accessed 11/23/2011).
- . 2011. “Extraterrestrial Intelligence and the Search for God.” *The American Spectator* (November): online text accessed 11/17/2011 (spectator.org).
- . 2012. “Why humans are unique.” *The Washington Times* posting 28 February: online text accessed 3/2/2012 (www.washingtontimes.com).
- . 2013a. “Meet Peter Hitchens, Darwin-Doubter.” Discovery Institute *Evolution News & Views* for 26 February (online text at evolutionnews.org accessed 3/1/2013).
- . 2013b. “Evolution’s Central Claim Has Not Yet Been Observed.” Discovery Institute *Evolution News & Views* for 3 March (online text at evolutionnews.org accessed 3/31/2013).
- . 2013c. “‘What Is the World Really Like?’ Darwinism, Materialism, and How They Relate.” Discovery Institute *Evolution News & Views* for 14 September (online text at evolutionnews.org accessed 11/9/2013).
- . 2013d. “The Anxious Search for Extraterrestrials.” Discovery Institute *Evolution News & Views* for 8 October (online text at evolutionnews.org accessed 10/22/2013).
- . 2013e. “Darwinism and Materialism: They Sink or Swim Together.” *The American Spectator* (November): online text accessed 11/17/2011 (spectator.org).
- . 2017a. “At Age 180, Darwin’s Theory of Evolution a Materialist House of Cards.” *The Stream* 31 January posting (online text at stream.org accessed 2/12/2017).
- . 2017b. “The Lord’s Day, Meet Darwin Day ... and Shudder.” *The Stream* 10 February posting (online text at stream.org accessed 2/15/2017).
- Béthoux, Olivier.** 2009. “The Earliest Beetle Identified.” *Journal of Paleontology* **83** (November): 931-937.
- Béthoux, Olivier, Yingying Cui, Boris Kondratieff, Bill Stark, & Dong Ren.** 2011. “At last, a Pennsylvanian stem-stonefly (Plecoptera) discovered.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (31 August): 248.
- Betrán, Esther, & Manyuan Long.** 2002. “Expansion of genome regions by acquisition of new genes.” *Genetica* **115** (May): 65-80.
- Betrán, Esther, Kevin Thornton, & Manyuan Long.** 2002. “Retroposed New Genes Out of the X Chromosome.” *Genome Research* **12** (December): 1854-1859.
- Betsy Ross Homepage Resources.* 2014. “Flag-Folding Ceremony.” *US History* undated posting (online text at www.ushistory.org accessed 6/20/2016).
- Bettencourt-Dias, Mónica.** 2013. “Q&A: Who needs a centrosome?” *BMC Biology* (online @ biomedcentral.com) **11** (11 April): 28.
- Bettencourt-Dias, Mónica, Friedhelm Hildebrandt, David Pellman, Geoff Woods, & Susana A. Godinho.** 2011. “Centrosomes and cilia in human disease.” *Trends in Genetics* **27** (August): 307-315.
- Betti, Lia, François Balloux, William Amos, Tsunehiko Hanihara, & Andrea Manica.** 2009. “Distance from Africa, not climate, explains within-population phenotype diversity in humans.” *Proceedings of the Royal Society of London B (Biological Sciences)* **276** (7 March): 809-814.
- Bettinger, Robert L.** 2016. “Prehistoric hunter-gatherer population growth rates rival those of agriculturalists.” *Proceedings of the National Academy of Sciences* **113** (26 January): 812-814.

- Bettmann, Otto L.** 1974. *The Good Old Days—They Were Terrible!* New York: Random House.
- Betts, Marissa J., Timothy P. Topper, James L. Valentine, Christian B. Skovsted, John R. Paterson, & Glenn A. Brock.** 2014. “A new early Cambrian bradoriid (Arthropoda) assemblage from the northern Flinders Ranges, South Australia.” *Gondwana Research* **25** (January): 420-437.
- Beukes, Nicolas J., Herman Dorland, Jens Gutzmer, Munetomo Nedachi, & Hiroshi Ohmoto.** 2002. “Tropical laterites, life on land, and the history of atmospheric oxygen in the Paleoproterozoic.” *Geology* **30** (June): 491-494.
- Beus, S. S.** 1989. “Devonian and Mississippian geology of Arizona,” in Jenney & Reynolds (1989, 287-311).
- Beutel, R. G., & E. Baum.** 2008. “A longstanding entomological problem finally solved? Head morphology of *Nannochorista* (Mecoptera, Insecta) and possible phylogenetic implications.” *Journal of Zoological Systematics and Evolutionary Research* **46** (November): 346-367.
- Beutel, Rolf G., Niels P. Kristensen, & Hans Pohl.** 2009. “Resolving insect phylogeny: The significance of cephalic structures of the Nannomecoptera in understanding endopterygote relationships.” *Arthropod Structure & Development* **38** (September): 427-460.
- Beuther, Henrik, Ralf S. Klessen, Cornelius P. Dullermond, & Thomas Henning,** eds. 2014. *Protostars and Planets VI*. Tucson, AZ: University of Arizona Press.
- Beutler, Bruce.** 2011. “How Mammals Sense Infection: From Endotoxin to the Toll-like Receptors.” Nobel Lecture (online pdf at nobelprize.org/ accessed 7/26/2014).
- Bevan, A. W. R.** 2006. “Desert meteorites: a history.” *Geological Society, London, Special Publications* **256**: 325-343.
- Bevan, Michael.** 2011. “Endless variation most beautiful.” *Nature* **477** (22 September): 415-416.
- Bever, Gabe S., Stephen L. Brusatte, Amy M. Balanoff, & Mark A. Norell.** 2011. “Variation, Variability, and the Origin of the Avian Endocranium: Insights from the Anatomy of *Alioramus altai* (Theropoda: Tyrannosauroida).” *PLoS ONE* (online @ plosone.org) **6** (August): e23393.
- Bever, Gabe S., Timothy Rowe, Eric G. Ekdale, Thomas E. Macrini, Matthew W. Colbert, & Amy M. Balanoff.** 2005. “Comment on ‘Independent Origins of Middle Ear Bones in Monotremes and Therians’.” *Science* **309** (2 September): 1492.
- Bever, Thomas, & Mario Montalbetti.** 2002. “Noam’s Ark.” *Science* **298** (22 November): 1565-1566.
- Bevilacqua, Laura, Stéphane Doly, Jaakko Kaprio, Qiaoping Yuan, Roope Tikkanen, Tiina Paunio, Zhifeng Zhou, Juho Wedenoja, Luc Maroteaux, Silvina Diaz, Arnaud Belmer, Colin A. Hodgkinson, Liliana Dell-Oso, Jaana Suvisaari, Emil Cocco, Richard J. Rose, Leena Peltonen, Matti Virkkunen, & David Goldman.** 2010. “A population-specific *HTR2B* stop codon predisposes to severe impulsivity.” *Nature* **468** (23 December): 1061-1066.
- Bevis, Michael, F. W. Taylor, B. E. Schutz, Jacques Recy, B. L. Isacks, Salmone Helu, Rajendra Singh, Eric Kendrick, James Stowell, Brian Taylor, & Stephane Calmant.** 1995. “Geodetic observations of very rapid convergence and back-arc extension at the Tonga arc.” *Nature* **374** (16 March): 249-251.
- Bevis, Michael, John Wahr, Shfaqat A. Kahn, Finn Bo Madsen, Abel Brown, Michael Willis, Eric Kendrick, Per Knudsen, Jason E. Box, Tonie van Dam, Dana J. Caccamise II, Bjorn Johns, Thomas Nysten, Robin Abbott, Seth White, Jeremy Miner, Rene Forsberg, Hao Zhou, Jian Wang, Terry Wilson, David Bromwich, & Olivier Francis.** 2012. “Bedrock displacement in Greenland manifests ice mass variations, climate cycles and climate change.” *Proceedings of the National Academy of Sciences* **109** (24 July): 11944-11948.
- Bewick, Adam J., Lexiang Ji, Chad E. Niederhuth, Eva-Maria Willing, Brigitte T. Hofmeister, Xiuling Shi, Li Wang, Zefu Lu, Nicholas A. Rohr, Benjamin Hartwig,**

- Christiane Kiefer, Roger B. Deal, Jeremy Schmutz, Jane Grimwood, Hume Stroud, Steven E. Jacobsen, Korbinian Schneeberger, Xiaoyu Zhang, & Robert J. Schmitz.** 2016. “On the origin and evolutionary consequences of gene body methylation.” *Proceedings of the National Academy of Sciences* **113** (9 August): 9111-9116.
- Beyenbach, Klaus W.** 2004. “Kidneys sans glomeruli.” *American Journal of Physiology—Renal Physiology* **286** (May): F811-F827.
- Beyene, Yonas, Shigehiro Katoh, Giday WoldeGabriel, William K. Hart, Kozo Uto, Masafumi Sudo, Megumi Kondo, Masayuki Hyodo, Paul R. Renne, Gen Suwa, & Berhane Asfaw.** 2013. “The characteristics and chronology of the earliest Acheulean at Konso, Ethiopia.” *Proceedings of the National Academy of Sciences* **110** (29 January): 1584-1591.
- Beyer, Ulrike, Julian Moll-Rocek, Ute M. Moll, & Matthias Döbelstein.** 2011. “Endogenous retrovirus drives hitherto unknown proapoptotic p63 isoforms in the male germ line of humans and great apes.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3624-3629.
- Beyerstein, Dale F.** 1990. “Dealing with Creationist Rhetoric.” *Creation/Evolution* **10** (Summer): 20-28.
- Beynon, A. D., & M. C. Dean.** 1988. “Distinct dental development patterns in early fossil hominids.” *Nature* **335** (6 October): 509-514.
- Bezginov, Alexandr, Gregory W. Clark, Robert L. Charlebois, Vaqaar-un-Nisa Dar, & Elisabeth R. M. Tillier.** 2013. “Coevolution Reveals a Network of Human Proteins Originating with Multicellularity.” *Molecular Biology and Evolution* **30** (February): 332-346.
- Beznoussenko, Galina V., & Alexander A. Mironov.** 2002. “Models of Intracellular Transport and Evolution of the Golgi Complex.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 226-238.
- Bezy, Ryan P., Lisa Wiltbank, & David M. Kehoe.** 2011. “Light-dependent attenuation of phycoerythrin gene expression reveals convergent evolution of green light sensing in cyanobacteria.” *Proceedings of the National Academy of Sciences* **108** (8 November): 18542-18547.
- BHA.** 2015. “BHA reveals creationist private schools continue to receive state funds through nurseries despite Government ban.” *British Humanist Association* posting 2 May press release posting (online text at humanism.org.uk accessed 5/8/2015).
- Bharadwaj, Rajnish, & Hongtao Yu.** 2004. “The spindle checkpoint, aneuploidy, and cancer.” *Oncogene* **23** (15 March): 2016-2027.
- Bhatt, D. K.** 1989. “Small Shelly Fossils, Tommotian and Meishucunian Stages and the Precambrian-Cambrian Boundary—Implications of the Recent Studies in the Himalayan Sequences.” *Journal of the Palaeontological Society of India* **34** (4): 55-68.
- Bhatt, Meghana A., Terry Lohrenz, Colin F. Camerer, & P. Read Montague.** 2010. “Neural signatures of strategic types in a two-person bargaining game.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19720-19725.
- . 2012. “Distinct contributions of the amygdala and parahippocampal gyrus to suspicion in a repeated bargaining game.” *Proceedings of the National Academy of Sciences* **109** (29 May): 8728-8733.
- Bhattacharjee, Yudhijit.** 2009a. “New Texas Standards Question Evolution, Fossil Record.” *Science* **324** (3 April): 25.
- . 2009b. “Eugenie Scott Toils in Defense of Evolution.” *Science* **324** (5 June): 1250-1251.
- . 2009c. “A Quest for Cosmic Karma.” *Science* **325** (31 July): 532-533.
- . 2010a. “Oldest Galaxies Show Stars Came Together in a Hurry.” *Science* **327** (15 January): 258.
- . 2010b. “Inventory Asks: Where is All the Non-Dark Matter Hiding?” *Science* **327** (15 January): 258.
- . 2010c. “Latest Prize Bolsters Templeton’s Shift to Mainstream.” *Science* **327** (26 March): 1565.

- . 2010d. “NSF Board Draws Flak for Dropping Evolution from *Indicators*.” *Science* **328** (9 April): 150-151.
- . 2010e. “Imponderables Complicate Hunt For Intelligent Life Beyond Earth.” *Science* **328** (23 April): 421.
- . 2010f. “An Unsettled Debate About the Chemistry of the Sun.” *Science* **329** (3 September): 1144-1145.
- . 2011a. “New NSF Survey Tries to Separate Knowledge and Belief.” *Science* **333** (22 July): 394.
- . 2011b. “A Distant Glimpse of Alien Life?” *Science* **333** (19 August): 930-932.
- . 2012a. “Celebrated Exoplanet Vanishes in a Cloud of Dust—Or Maybe Not.” *Science* **335** (3 February): 515.
- . 2012b. “Where Are the Missing Baryons?” *Science* **336** (1 June): 1093-1094.
- . 2012c. “How Do Stars Explode?” *Science* **336** (1 June): 1094-1095.
- . 2012d. “Data Dispute Revives Exoplanet Claim.” *Science* **337** (27 July): 398.
- . 2013a. “The Mind of a Con Man.” *The New York Times* posting 26 April: online text accessed 5/3/2013 (www.nytimes.com).
- . 2013b. “Earliest Known Galaxy Formed Stars at a Breakneck Pace.” *Science* **342** (25 October): 411.
- . 2014a. “The Vigilante.” *Science* **343** (21 March): 1306-1309.
- . 2014b. “Almost-Earth Tantalizes Astronomers With Promise of Worlds to Come.” *Science* **344** (18 April): 249.
- Bhattacharji, Somdev, & Charles H. Smith.** 1964. “Flowage Differentiation.” *Science* **145** (10 July): 150-153.
- Bhattacharya, Arpita, Caroline Köhrer, Debabrata Mandal, & Uttam L. RajBhandary.** 2015. “Nonsense suppression in archaea.” *Proceedings of the National Academy of Sciences* **112** (12 May): 6015-6020.
- Bhattacharya, Debashish, & John M. Archibald.** 2006. “Response to Theissen and Martin.” *Current Biology* **16** (19 December): R1017-R1018.
- Bhattacharya, Debashish, John M. Archibald, Andreas P. M. Weber, & Adrian Reyes-Prieto.** 2007. “How do endosymbionts become organelles? Understanding early events in plastid evolution.” *BioEssays* **29** (December): 1239-1246.
- Bhattacharya, Debashish, Hwan Su Yoon, & Jeremiah D. Hackett.** 2004. “Photosynthetic eukaryotes unite: endosymbiosis connects the dots.” *BioEssays* **26** (January): 50-60.
- Bhattacharyya, Tanmoy, Sona Gregorova, Ondrej Mihola, Martin Anger, Jaroslava Sebestova, Paul Denny, Petr Simecek, & Jiri Forejt.** 2013. “Mechanistic basis of infertility of mouse intersubspecific hybrids.” *Proceedings of the National Academy of Sciences* **110** (5 February): E468-E477.
- Bhowmick, Nilanjana.** 2014. “Sex, Lies and Hinduism: Why A Hindu Activist Targeted Wendy Doniger’s Book.” *Time India* posting 12 February: online text accessed 2/12/2014 (world.time.com).
- Bhullar, Bhart-Anjan S.** 2017. “Catastrophe triggers diversification.” *Nature* **542** (16 February): 304-305.
- Bhullar, B. A., J. Marugán-Lobón, F. Racimo, G. S. Bever, T. B. Rowe, M. A. Norell, & A. Abzhanov.** 2012. “Birds have paedomorphic dinosaur skulls.” *Nature* **487** (12 July): 223-226.
- Bhullar, Bhart-Anjan S., Zachary S. Morris, Elizabeth M. Sefton, Atalay Tok, Masayoshi Tokita, Bumjin Namkoong, Jasmin Camacho, David A. Burnham, & Arhat Abzhanov.** 2015. “A Molecular Mechanism for the Origin of a Key Evolutionary Innovation: The Bird Beak and Palate, Revealed by an Integrative Approach to Major Transitions in Vertebrate History.” *Evolution* **69** (July): 1665-1677.
- Bi, Shundong, Xingsheng Jin, Shuo Li, & Tianming Du.** 2015. “A new Cretaceous Metatherian mammal from Henan, China.” *PeerJ* (online @ peerj.com) **3** (14 April): 896.
- Bi, Shundong, Yuanqing Wang, Jian Guan, Xia Sheng, & Jin Meng.** 2014. “Three new Jurassic euharamiyidan species reinforce early divergence of mammals.” *Nature* **514** (30

- October): 579-584.
- Biagini, Giancarlo A., Bland J. Finlay, & David Lloyd.** 1997. "Evolution of the hydrogenosome." Federation of European Microbiological Societies *FEMS Microbiology Letters* **155** (October): 133-140.
- Bialek, William, Andrea Cavagna, Irene Giardina, Thierry Mora, Edmondo Silvestri, Massimiliano Viale, & Aleksandra M. Walczak.** 2012. "Statistical mechanics for natural flocks of birds." *Proceedings of the National Academy of Sciences* **109** (27 March): 4786-4791.
- Bian, Guowu, Deepak Joshi, Yuemei Dong, Peng Lu, Guoli Zhou, Xiaoling Pan, Yao Xu, George Dimopoulos, & Zhiyong Xi.** 2013. "Wolbachia Invades *Anopheles stephensi* Populations and Induces Refractoriness to *Plasmodium* Infection." *Science* **340** (10 May): 748-751.
- Bian, Lin, Sarah-Jane Leslie, & Andrei Cimpian.** 2017. "Gender stereotypes about intellectual ability emerge early and influence children's interests." *Science* **355** (27 January): 389-391.
- Bianchi, Serena, Cheryl D. Stimpson, Tetyana Duka, Michael D. Larsen, William G. M. Janssen, Zachary Collins, Amy L. Bauernfeind, Steven J. Schapiro, Wallace B. Baze, Mark J. McArthur, William D. Hopkins, Derek E. Wildman, Leonard Lipovich, Christopher W. Kuzawa, Bob Jacobs, Patrick R. Hof, & Chet C. Sherwood.** 2013. "Synaptogenesis and development of pyramidal neuron dendritic morphology in the chimpanzee neocortex resembles humans." *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10395-10401.
- Bianchi, Thomas S.** 2011. "The role of terrestrially derived organic carbon in the coastal ocean: A changing paradigm and the priming effect." *Proceedings of the National Academy of Sciences* **108** (6 December): 19473-19481.
- Biancuzzo, Martin.** 2013a. "Obamacare Just Killed its Millionth Person..." *Townhall Daily* for 12 May (online text via townhall.com accessed 5/12/2013).
- . 2013b. "U.S. Constitution Declared an Absolutely Worthless Document?" *Townhall Daily* for 17 July (email text via TownHallmail.com accessed 7/29/2013).
- . 2013c. "U.S. Constitution Declared an Absolutely Worthless Document?" *Townhall Daily* for 1 August (email text via TownHallmail.com accessed 8/1/2013).
- Bianucci, Giovanni, & Philip D. Gingerich.** 2011. "*Aegyptocetus tarfa*, n. gen. et sp. (Mammalia, Cetacea), from the middle Eocene of Egypt: clinorhynch, olfaction, and hearing in a protocetid whale." *Journal of Vertebrate Paleontology* **31** (November): 1173-1188.
- Biard, Tristan, Lars Stemmann, Marc Picheral, Nicolas Mayot, Pieter Vandromme, Helena Hauss, Gabriel Gorsky, Lionel Guidi, Rainer Kiko, & Fabrice Not.** 2016. "In situ imaging reveals the biomass of giant protists in the global ocean." *Nature* **532** (28 April): 504-507.
- Bibi, Faysal, & Wolfgang Kiessling.** 2015. "Continuous evolutionary change in Plio-Pliostocene mammals of eastern Africa." *Proceedings of the National Academy of Sciences* **112** (25 August): 10623-10628.
- Bibi, Faysal, Antoine Souron, Hervé Bocherens, Kevin Uno, & Jean-Renaud Boisserie.** 2013. "Ecological change in the lower Omo Valley around 2.8 Ma." Royal Society *Biology Letters* **9** (February): 20120890.
- Biblarz, Timothy J., & Judith Stacey.** 2010. "How Does the Gender of Parents Matter?" *Journal of Marriage and Family* **72** (February): 3-22.
- Bible, Mitzi.** 2012. "Donald Trump addresses largest convention crowd, praises Liberty's growth." *Liberty University News Service* 24 September (online text at www.liberty.edu accessed 9/29/2012).
- Bible and Science Ministries.* 2014. "Live & Colorful Presentations and Resources 'According to Hoyle'..." Northwest Creation Network *Bible and Science Ministries* undated posting (online text at hoyle.nwcreation.net accessed 11/8/2014).
- Bible Forums.* 2009. "Genesis account copy from Sumerian creation account." *Bible Forums* 16 January posting (online text at bibleforums.org accessed 5/19/2011).

- Bible Gateway*. 2002. "EXOD 21:21." *Bible Gateway* search posting (online text at www.bible.gospelcom.net accessed 7/31/2002).
- Bible History Daily*. 2012. "A Geological Study May Indicate Earthquake Described by Matthew." *Bible History Daily* 4 June staff posting (online text at www.biblicalarchaeology.org accessed 6/9/2012)
- . 2015. "Herod's Death, Jesus' Birth and a Lunar Eclipse." *Bible History Daily* 2 March updated staff posting (online text at www.biblicalarchaeology.org accessed 6/30/2017)
- Bible-Science Association*. 2002. "Dr. Raymond V. Damadian." *Bible & Science Library* 26 February lecture topic posting (online text at creationsafaris.com accessed 2/11/2002).
- Bible Study Manuals*. 2011. "CREATIONISM VS EVOLUTION." *Bible Study Manuals* undated posting (online text at www.biblestudymanuals.net accessed 7/20/2011).
- Bible Thumping Wing Nuts*. 2016. "BTWN Episode 46." *YouTube* 31 January podcast posting (online video at www.youtube.com/watch?v=vPFPyX7bRhM accessed 2/23/2016).
- Biblical Astronomer*. 2003. "The Bad Astronomy Web Site and the Geocentrists." *The Biblical Astronomer* **13** (Fall): 113-118.
- Bick, Alexander G., Sarah E. Calvo, & Yamsi K. Mootha**. 2012. "Evolutionary Diversity of the Mitochondrial Calcium Uniporter." *Science* **336** (18 May): 886.
- Bickerton, Derek**. 1995. *Language and Human Behavior*. Seattle, WA: University of Washington Press.
- . 2000. "Resolving discontinuity: A minimalist distinction between human and non-human minds." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 862-873.
- . 2003. "Afferent isn't efferent, and language isn't logic, either." *Behavioral and Brain Sciences* **26** (3): 286-287.
- . 2008. "Darwin's last word: How words changed cognition." *Behavioral and Brain Sciences* **31** (April): 132.
- . 2009. *Adam's Tongue: How Humans Made Language, How Language Made Humans*. New York: Hill and Wang.
- . 2010a. "Why Atheism WON'T Replace Religion." *Strange Tongue* posting 14 June (online text at psychologytoday.com accessed 6/14/2012).
- . 2010b. "WHY HAUSER DID IT." *Strange Tongue* posting 19 August (online text at psychologytoday.com accessed 6/14/2012).
- Bickley, Sorrel R. B., & Malcolm P. O. Logan**. 2014. "Regulatory modulation of the T-box gene *Tbx5* links development, evolution, and adaptation of the sternum." *Proceedings of the National Academy of Sciences* **111** (16 December): 17917-17922.
- Biedrzycki, Meredith L., Tafari A. Jilany, Susan A. Dudley, & Harsh P. Bais**. 2010. "Root exudates mediate kin recognition in plants." *Communicative & Integrative Biology* **3** (January-February): 28-35.
- Bielawski, Joseph P., & Ziheng Yang**. 2003. "Maximum likelihood methods for detecting adaptive evolution after gene duplication." *Journal of Structural and Functional Genomics* **3** (March): 201-212.
- Bielecki, Jan, Jens T. Høeg, & Anders Garm**. 2013. "Fixational Eye Movements in the Earliest Stage of Metazoan Evolution." *PLoS ONE* (online @ plosone.org) **8** (October): e75949.
- Bielen, Holger, Sabine Oberleitner, Sylvain Marcellini, Lydia Gee, Patrick Lemaire, Hans R. Bode, Ralph Rupp, & Ulrich Technau**. 2007. "Divergent functions of two ancient *Hydra Brachyury* paralogues suggest specific roles for their C-terminal domains in tissue fate induction." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **134** (1 December): 4187-4197.
- Biello, David**. 2011. "Using CO₂ to Make Fuel: A Long Shot for Green Energy." *Environment360* 19 May posting (online text at e360.yale.edu accessed 11/23/2013).
- Bielo, David**. 2007. "Searching for God in the Brain." *Scientific American Mind* **18** (October/November): 39-45.
- Bielski, Roman, & Michal Tencer**. 2007. "A Possible Path to the RNA World: Enantioselective and Diastereoselective Purification of Ribose." *Origins of Life and Evolution of Biospheres*

- (AKA *OoL&E of the Biosphere*) **37** (April): 167-175.
- Biémont, Christian.** 2010. “A Brief History of the Status of Transposable Elements: From Junk DNA to Major Players in Evolution.” *Genetics* **186** (December): 1085-1093.
- Bier, Andrew, Irene Oviedo-Landaverde, Jing Zhao, Yael Mamane, Mustapha Kandouz, & Gerald Batist.** 2009. “*Connexin43* pseudogene in breast cancer cells offers a novel therapeutic target.” *Molecular Cancer Therapeutics* **8** (April): 786-793.
- Bierman, Paul R., Jeremy D. Shakun, Lee B. Corbett, Susan R. Zimmerman, & Dylan H. Rood.** 2016. “A persistent and dynamic East Greenland Ice Sheet over the last 7.5 million years.” *Nature* **540** (8 December): 256-260.
- Bierwagen, Britta G., David M. Theobald, Christopher R. Pyke, Anne Choate, Philip Groth, John V. Thomas, & Philip Morefield.** 2010. “National housing and impervious surface scenarios for integrated climate impact assessments.” *Proceedings of the National Academy of Sciences* **107** (7 December): 20887-20892.
- Biever, Celeste.** 2006. “The God Lab.” *New Scientist* **192** (16 December): 8-11.
- BigCityLib.** 2011. “Peer Review At E&E: A Case Study.” *BigCityLib Strikes Back* 23 February posting (online text at bigcitylib.blogspot.com accessed 6/27/2011).
- Bigelow, Anna.** 2011. “Blasphemy and Betrayal: The Murder of Salman Taseer.” *Religion Dispatches* 5 January posting (online text at religiondispatches.org accessed 1/10/2011).
- Bigelow, Christopher Kimball.** 2008. *The Timeline History of Mormonism: From Premortality to the Present*. San Diego, CA: Thunder Bay Press.
- Biggin, A. J., E. J. Piispa, L. J. Pesonen, R. Holme, G. A. Paterson, T. Veikkolainen, & L. Tauxe.** 2015. “Palaeomagnetic field intensity variations suggest Mesoproterozoic inner-core nucleation.” *Nature* **526** (8 October): 245-248.
- Biggin, Andrew J., Geert H. M. A. Strik, & Cor G. Langereis.** 2009. “The intensity of the geomagnetic field in the late-Archaeon: new measurements and an analysis of the updated IAGA paleointensity database.” *Earth Planets Space* **61** (January): 9-22.
- Biggs, Reinette, Stephen R. Carpenter, & William A. Brock.** 2009. “Turning back from the brink: Detecting an impending regime shift in time to avert it.” *Proceedings of the National Academy of Sciences* **106** (20 January): 826-831.
- Bigliardi, Stefano.** 2014. “Harun Yahya’s ISLAMIC CREATIONISM: What It Is and Isn’t.” *Skeptical Inquirer* **38** (January/February): 32-37.
- Bignon, Arnaud, & Catherine Crônier.** 2012. “Evolutionary Modifications of Ontogeny of Three *Dechenella* species (Proetidae), from the Middle Devonian of the Ardenne Massif (France).” *Journal of Paleontology* **86** (May): 558-566.
- Bijl, Peter K., James A. P. Bendle, Steven M. Bohaty, Jörg Pross, Stefan Schouten, Lisa Tauxe, Catherine E. Stickley, Robert M. McKay, Ursula Röhl, Matthew Olney, Appy Sluijs, Carlota Escutia, & Henk Brinkhuis.** 2013. “Eocene cooling linked to early flow across the Tasmanian Gateway.” *Proceedings of the National Academy of Sciences* **110** (11 June): 9645-9650.
- Bijl, Peter K., Alexander J. P. Houben, Stefan Schouten, Steven M. Bohaty, Appy Sluijs, Gert-Jan Reichart, Jaap S. Sinninghe Damsté, & Henk Brinkhuis.** 2010. “Transient Middle Eocene Atmospheric CO₂ and Temperature Variations.” *Science* **330** (5 November): 819-821.
- Bijl, Peter K., Stefan Schouten, Appy Sluijs, Gert-Jan Reichart, James C. Zachos, & Henk Brinkhuis.** 2009. “Early Palaeogene temperature evolution of the southwest Pacific Ocean.” *Nature* **461** (8 October): 776-779.
- Bik, Holly M., P. John D. Lamshead, W. Kelley Thomas, & David H. Lunt.** 2010. “Moving towards a complete molecular framework of the Nematoda: a focus on the Enoplida and early-branching clades.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (12 November): 353.
- Bilde, Trine, Anne Foged, Nadia Schilling, & Göran Arnqvist.** 2009. “Postmating Sexual Selection Favors Males That Sire Offspring with Low Fitness.” *Science* **324** (26 June): 1705-1706.
- Biles, Jeremy.** 2011. “The Scandal of the Cross.” *Religion Dispatches* 22 April posting (online

- text at *religiondispatches.org* accessed 4/28/2011).
- Bilewitch, Jaret P., & Sandie M. Degnan.** 2011. "A unique horizontal gene transfer event has provided the octocoral mitochondrial genome with an active mismatch repair gene that has potential for an unusual self-contained function." *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (29 July): 228.
- Bilger, Burkhard.** 2011. "The Possibilian." *The New Yorker* (25 April): online text accessed 8/11/2014 (*newyorker.com*).
- Bilica, Kim, & Gerald Skoog.** 2004. "Ohio Teachers on Teaching Evolution and Counter-Evolutionary Concepts in Biology Classrooms." *Reports of the National Center for Science Education* **24** (January-February): online text accessed 6/29/2009 (*ncse.com*).
- Bille, Matthew A.** 1995. *Rumors of Existence: Newly Discovered, Supposedly Extinct, and Unconfirmed Inhabitants of the Animal Kingdom*. Surrey, BC: Hancock House.
- Billet, Guillaume.** 2011. "Phylogeny of the Notoungulata (Mammalia) based on cranial and dental characters." *Journal of Systematic Palaeontology* **9** (December): 481-497.
- Billings, Stephenson.** 2012. "8 Ways Radical Liberalism Is Causing America's Farmland Drought Crisis." *Hard Dawn* 31 July posting (online text at *harddawn.com* accessed 7/13/2013).
- . 2013a. "If Atheism Were Real." *Hard Dawn* 10 January posting (online text at *harddawn.com* accessed 7/13/2013).
- . 2013b. "Did the CIA Invent Homosexuality to Discourage Travel to Canada & South America?" *Hard Dawn* 3 February posting (online text at *harddawn.com* accessed 7/13/2013).
- . 2013c. "Are Militant Atheists Using Chemtrails to Poison the Angels in Heaven?" *Hard Dawn* 8 July posting (online text at *harddawn.com* accessed 7/13/2013).
- Billups, Katharina.** 2015. "Timing is everything during deglaciations." *Nature* **522** (11 June): 163-164.
- Billups, K., H. Pälike, J. E. T. Channell, J. C. Zachos, & N. J. Shackleton.** 2004. "Astronomic calibration of the late Oligocene through early Miocene geomagnetic polarity time scale." *Earth and Planetary Science Letters* **224** (30 July): 33-44.
- Bina, Craig R., & Mian Liu.** 1995. "A note on the sensitivity of mantle convection models to composition-dependent phase relations." *Geophysical Research Letters* **22** (1 October): 2565-2568.
- Bina, Samira, & Martin Zeidler.** 2009. "JAK/STAT Pathway Signalling in *Drosophila melanogaster*," in Stephanou (2009, 24-42).
- Bindeman, Ilya N.** 2006. "The Secrets of Supervolcanoes." *Scientific American* **294** (June): 36-43.
- Binder, Manfred, & David S. Hibbett.** 2006. "Molecular systematics and biological diversification of Boletales." *Mycologia* **98** (November/December): 971-981.
- Binder, Marc D., Nobutaka Hirokawa, & Uwe Windhorst,** eds. 2009. *Encyclopedia of Neuroscience*. New York: Springer.
- Binder, Melissa.** 2014. "Evangelical Christian clubs coming to Portland-area public schools, opposition says curriculum is 'hardcore fundamentalist indoctrination'." *Oregon Live* 9 July posting (online text at *www.oregonlive.com* accessed 7/10/2014).
- Bindi, Luca, John M. Eiler, Yunbin Guan, Lincoln S. Hollister, Glenn MacPherson, Paul J. Steinhardt, & Nan Yao.** 2012. "Evidence for the extraterrestrial origin of a natural quasicrystal." *Proceedings of the National Academy of Sciences* **109** (31 January): 1396-1401.
- Bindman, David.** 2002. *Ape to Apollo: Aesthetics and the Idea of Race in the 18th Century*. Ithaca, NY: Comstock Publishing Associates (Cornell University Press).
- Bindschadler, Robert, Hyeungu Choi, Christopher Shuman, & Thorsten Markus.** 2005. "Detecting and measuring new snow accumulation on ice sheets by satellite remote sensing." *Remote Sensing of Environment* **98** (30 October): 388-402.
- Bingham, Amy.** 2011. "California Adds Gay Rights Advocates to History Books." *The Note* 16 July blog posting (online text at *abcnews.go.com* accessed 10/20/2012).

- Bingham, Joseph.** 2011. "The Science of Bad Philosophy." *Counterpoint* (Spring): 33-35.
- Bini, Alfredo, Mauro Cremaschi, Paolo Forti, & Giuliano Perna.** 1988. "Paleokarstic fills in Iglesiasiente (Sardinia, Italy): sedimentary processes and age." *Annales de la Société géologique de Belgique* **111** (1): 149-161.
- Bininda-Emonds, Olaf R. P.** 2004. "Trees Versus Characters and the Supertree/Supermatrix 'Paradox'." *Systematic Biology* **53** (April): 356-359.
- . 2010. "The future of supertrees: bridging the gap with supermatrices." *Palaeodiversity* **3** (30 December Supplement): 99-106.
- . 2011. "Inferring the Tree of Life: chopping a phylogenomic problem down to size?" *BMC Biology* (online @ biomedcentral.com) **9** (28 September): 59.
- Bininda-Emonds, Olaf R. P., Marcel Cardillo, Kate R. Jones, Ross D. E. MacPhee, Robin M. D. Beck, Richard Grenyer, Samantha A. Price, Rutger A. Vos, John L. Gittleman, & Andy Purvis.** 2007. "The delayed rise of present-day mammals." *Nature* **446** (29 March): 507-512.
- Bininda-Emonds, Olaf R. P., Jonathan E. Jeffrey, Michael I. Coates, & Michael K. Richardson.** 2002. "From Haeckel to event-pairing: the evolution of developmental sequences." *Theory in Biosciences* **121** (November): 297-320.
- Bininda-Emonds, Olaf R. P., Jonathan E. Jeffrey, & Michael K. Richardson.** 2003. "Inverting the hourglass: quantitative evidence against the phylotypic stage in vertebrate development." *Proceedings of the Royal Society of London B* (Biological Sciences) **270** (22 February): 341-346.
- Bininda-Emonds, Olaf R. P., & Andy Purvis.** 2012. "Comment on 'Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification'." *Science* **337** (6 July): 34.
- Bink, Hugo H. J., Koen Hellendoorn, Jannes van der Meulen, & Cornelis W. A. Pleij.** 2002. "Protonation of non-Watson-Crick base pairs and encapsidation of turnip yellow mosaic virus RNA." *Proceedings of the National Academy of Sciences* **99** (15 October): 13465-13470.
- Binns, Ian C.** 2011. "Battle over Science in Louisiana." *Reports of the National Center for Science Education* **31** (November-December): 2.1-2.7.
- Bintanja, R., G. J. Van Oldenborgh, & C. A. Katsman.** 2015. "The effect of increased fresh water from Antarctic ice shelves on future trends in Antarctic sea ice." *Annals of Glaciology* **56**: 120-126.
- Bintu, Lacramioara, John Yong, Yaron E. Antebi, Kayla McCue, Yasuhiro Kazuki, Narumi Uno, Mitsuo Oshimura, & Michael B. Elowitz.** 2016. "Dynamics of epigenetic regulation at the single-cell level." *Science* **351** (12 February): 720-724.
- Biola Magazine.* 2012. "Comments." *Biola Magazine* posting (online text at magazine.biola.edu accessed 4/7/2013).
- Biology.* 2015. "Chromosome 2 fusion?" *Biology* December 2012 discussion thread (online text at biology.stackexchange.com accessed 1/16/2016).
- Birchard, Geoffrey F., Marcello Ruta, & D. Charles Deeming.** 2013. "Evolution of parental incubation behaviour in dinosaurs cannot be inferred from clutch mass in birds." *Royal Society Biology Letters* **9** (August): 2013036.
- Birchler, James A., & Harsh H. Kavi.** 2008. "Slicing and Dicing for Small RNAs." *Science* **320** (23 May): 1023-1024.
- Birchmeier, Walter.** 2011. "Orphan receptors find a home." *Nature* **476** (18 August): 287-288.
- Birck, J.-L., & C. J. Allègre.** 1978. "Chronology and chemical history of the parent body of basaltic achondrites studied by the ⁸⁷Rb-⁸⁷Sr method." *Earth and Planetary Science Letters* **39** (March): 37-51.
- Bird, Chris M., Samuel C. Berens, Aidan J. Horner, & Anna Franklin.** 2014. "Categorical encoding of color in the brain." *Proceedings of the National Academy of Sciences* **111** (25 March): 4590-4595.
- Bird, Chris M., Fulvia Castelli, Omar Malik, Uta Frith, & Masud Husain.** 2004. "The impact of extensive medial frontal lobe damage on 'Theory of Mind' and cognition." *Brain*

- 127 (April): 914-928.
- Bird, Christopher D., & Nathan J. Emery.** 2009. "Insightful problem solving and creative tool modification by captive nontool-using rooks." *Proceedings of the National Academy of Sciences* **106** (23 June): 10370-10375.
- Bird, Graeme.** 2007. "Lunatics At RealClimate.Org (Specifically Gavin) Caught Lying." 22 April blog posting (online text *graemebird.wordpress.com* accessed 6/27/2011).
- Bird, Michael I., Damien O'Grady, & Sean Ulm.** 2016. "Humans, water, and the colonization of Australia." *Proceedings of the National Academy of Sciences* **113** (11 October): 11477-11482.
- Bird, Richard J.** 2003. *Chaos and Life: Complexity and Order in Evolution and Thought*. New York: Columbia University Press.
- Bird, Roland T.** 1939. "Thunder in His Footsteps." *Natural History* **49** (May): 255-261, 302.
- Bird, Wendell R.** 1989. *The Origin of Species Revisited: The Theories of Evolution and of Abrupt Appearance*. 2 vol., 1991 reprint. Nashville, TN: Regency.
- Bird, Wendell R., Jonathan T. McCants, & Robert H. Tyler.** 2009a. Brief of Appellants (26 January) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via *ncse.com/creationism/legal/acsi-v-stearns* accessed 10/25/2010).
- . 2009b. Reply Brief of Appellants (8 May) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via *ncse.com/creationism/legal/acsi-v-stearns* accessed 10/25/2010).
- Birdwell, Brian, Charles Perry, Brandon Creighton, Don Huffines, Bryan Hughes, & Eddie Lucio Jr.** 2017. "Senate Bill No. 522." Texas Senate March legislative posting (online pdf at *www.legis.state.tx.us* accessed 4/29/2017).
- Birkebak, Richard C., Clifford J. Cremers, & James P. Dawson.** 1970. "Thermal Radiation Properties and Thermal Conductivity of Lunar Material." *Science* **167** (30 January): 724-726.
- Birkey, Andy.** 2010a. "Bachmann's Christian counseling clinic receives state funds." *Minnesota Independent* posting 4 June: online text accessed 7/5/2011 (*minnesotaindependent.com*).
- . 2010b. "Bradlee Dean: Keith Ellison is advancing Sharia law through 'homosexual agenda'." *Minnesota Independent* posting 1 December: online text accessed 12/8/2010 (*minnesotaindependent.com*).
- Birky, C. William Jr.** 1999. "An even broader perspective on sex and recombination." *Journal of Evolutionary Biology* **12** (November): 1013-1016.
- . 2001. "The Inheritance of Genes in Mitochondria and Chloroplasts: Laws, Mechanisms, and Models." *Annual Review of Genetics* **35**: 125-148.
- Birnbaum, Michael.** 2010. "Texas board approves social studies standards that perceived liberal bias." *The Washington Post* posting 22 May: online text accessed 6/2/2010 (*www.washingtonpost.com*).
- Birney, Elmer C., Robert Jenness, & Kathleen M. Ayaz.** 1976. "Inability of bats to synthesize L-ascorbic acid." *Nature* **260** (15 April): 626-628.
- Birney, Elmer C., Robert Jenness, & Ian D. Hume.** 1980. "Evolution of an Enzyme System: Ascorbic Acid Biosynthesis in Monotremes and Marsupials." *Evolution* **34** (March): 230-239.
- Birney, Ewan.** 2007. "Double Dutch for duplications." *Nature Genetics* **39** (November): 1303-1304.
- Birney, Ewan, & Jonathan K. Pritchard.** 2014. "Four makes a party." *Nature* **505** (2 January): 32-34.
- Birney, Elmer C., George Davey Smith, & John M. Greally.** 2016. "Epigenome-wide Association Studies and the Interpretation of Disease-Omics." *PLoS Genetics* (online @ *plosgenetics.org*) **10** (June): e1006105.
- Birney, Ewan, & Nicole Soranzo.** 2015. "The end of the start for population sequencing." *Nature* **526** (1 October): 52-53.
- Biro, Peter.** 2011. "The Evolutionary Reason for the Need to Secure the Airway in Anesthesiology." *The Israel Medical Association Journal IMAJ* **13** (January): 5-8.

- Biron, D. G., L. Marché, F. Ponton, H. D. Loxdale, N. Galéotti, L. Renault, C. Joly, & F. Thomas.** 2005. "Behavioural manipulation in a grasshopper harbouring hairworm: a proteomics approach." *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 October): 2117-2126.
- Biron, D. G., F. Ponton, L. Marché, N. Galéotti, L. Renault, E. Demey-Thomas, J. Poncet, S. P. Brown, P. Jouin, & F. Thomas.** 2006. "'Suicide' of crickets harbouring hairworms: a proteomics investigation." *Insect Molecular Biology* **15** (December): 731-742.
- Birren, Susan J., & Eve Marder.** 2013. "Plasticity in the Neurotransmitter Repertoire." *Science* **340** (26 April): 436-437.
- Birzele, Fabian, Gergely Csaba, & Ralf Zimmer.** 2008. "Alternative splicing and protein structure evolution." *Nucleic Acids Research* **36** (1 February): 550-558.
- Bischoff, James L., Kirsten M. Menking, Jeffrey P. Fitts, & John A. Fitzpatrick.** 1997. "Climatic Oscillations 10,000-155,000 yr B.P. at Owens Lake, California Reflected in Glacial Rock Flour Abundance and Lake Salinity in Core OL-92." *Quaternary Research* **48** (November): 313-325.
- Bischoff, James L., Ross W. Williams, Robert J. Rosenbauer, Arantza Aramburu, Juan Luis Arsuaga, Nuria Garcia, & Gloria Cuenca-Bescós.** 2007. "High-resolution U-series dates from the Sima de los Huesos hominids yields 600±66 kyrs: implications for the evolution of the early Neanderthal lineage." *Journal of Archaeological Science* **34** (May): 763-770.
- Bisconti, Michelangelo.** 2009. "Taxonomy and evolution of the Italian Pliocene Mysticeti (Mammalia, Cetacea): a state of the art." *Bollettino della Società Paleontologica Italiana* **48** (2): 147-156.
- Bisconti, Michelangelo, Olivier Lambert, & Mark Bosselaers.** 2013. "Taxonomic revision of *Isocetus depauwi* (Mammalia, Cetacea, Mysticeti) and the phylogenetic relationships of archaic 'cetothere' mysticetes." *Palaeontology* **56** (January): 95-127.
- Bisgaard, Magne, Andreas Petersen, & Henrick Christensen.** 2013. "Multilocus sequence analysis of *Pasteurella multocida* demonstrates a type species under development." *Microbiology* **159** (March): 580-590.
- Bishop, B. E.** 1996. "Mendel's Opposition to Evolution and to Darwin." *Journal of Heredity* **87** (May): 205-213.
- Bishop, Beth A., & Charles W. Anderson.** 1990. "Student Conceptions of Natural Selection and Its Role in Evolution." *Journal of Research in Science Teaching* **27** (May): 415-427.
- Bishop, C. M., R. J. Spivey, L. A. Hawkes, N. Batbayar, B. Chua, P. B. Frappell, W. K. Milsom, T. Natsagdorj, S. H. Newman, G. R. Scott, J. Y. Takekawa, M. Wikelski, & P. J. Butler.** 2015. "The roller coaster flight strategy of bar-headed geese conserves energy during Himalayan migrations." *Science* **347** (16 January): 250-254.
- Bishop, Dorothy V. M.** 2002. "Putting language genes in perspective." *Trends in Genetics* **18** (February): 57-59.
- . 2013. "Cerebral Asymmetry and Language Development: Cause, Correlate, or Consequence?" *Science* **340** (14 June): 1230531 (online at sciencemag.org).
- Bishop, George.** 1999. "What Americans Really Believe." *Free Inquiry* **19** (Summer): 38-42.
- Bishop, George F., Randall K. Thomas, Jason A. Wood, & Misook Gwon.** 2010. "Americans' Scientific Knowledge and Beliefs about Human Evolution in the Year of Darwin." *Reports of the National Center for Science Education* **30** (May-June): 16-18.
- Bishop, Kristin L.** 2008. "The Evolution of Flight in Bats: Narrowing the Field of Plausible Hypotheses." *The Quarterly Review of Biology* **83** (June): 153-169.
- Bishop, Peter J., Christopher W. Walmsley, Matthew J. Phillips, Michelle R. Quayle, Catherine A. Boisvert, & Colin R. McHenry.** 2015. "Oldest Pathology in a Tetrapod Bone Illuminates the Origin of Terrestrial Vertebrates." *PLoS ONE* (online @ plosone.org) **10** (May): e0125723.
- Bishop, Phillip.** 2002. "Fearfully and Wonderfully Made: Evidence of God in human physiology." *OrthodoxyToday.org* posting updated 14 July (online text at www.orthodoxytoday.org accessed 9/20/2011).
- Bishop, Robert C.** 2014a. "The Extended Synthesis (Reviewing 'Darwin's Doubt': Robert

- Bishop, Part 1)." *The BioLogos Foundation* posting 1 September (online text at *biologos.org* accessed 9/10/2014).
- . 2014b. "Two Rhetorical Strategies (Reviewing 'Darwin's Doubt': Robert Bishop, Part 2)." *The BioLogos Foundation* posting 2 September (online text at *biologos.org* accessed 9/10/2014).
- . 2014c. "Meyer's Inference to Intelligent Design as the Best Explanation (Reviewing 'Darwin's Doubt': Robert Bishop, Part 3)." *The BioLogos Foundation* posting 8 September (online text at *biologos.org* accessed 9/10/2014).
- . 2014d. "Final Assessments (Reviewing 'Darwin's Doubt': Robert Bishop, Part 4)." *The BioLogos Foundation* posting 9 September (online text at *biologos.org* accessed 9/10/2014).
- Bishop, Thomas.** 2013. "Fox's Todd Starnes Misses The Target On Military Persecution Claims." *Media Matters Blog* posting 24 June (online text at *mediamatters.org* accessed 8/14/2013).
- Bissell, Mina.** 2013. "The risks of the replication drive." *Nature* **503** (21 November): 333-334.
- Bissett, Andrew, Dirk de Beer, Raphaela Schoon, Fumito Shiraiishi, Andreas Reimer, & Gernot Arp.** 2008. "Microbial mediation of stromatolite formation in karst-water creeks." *Limnology and Oceanography* **53** (May): 1150-1168.
- Bissiere, Stephanie, Moriel Zelikowsky, Ravikumar Ponnusamy, Nathan S. Jacobs, Hugh T. Blair, & Michael S. Fanselow.** 2011. "Electrical Synapses Control Hippocampal Contributions to Fear Learning and Memory." *Science* **331** (7 January): 87-91.
- Biswal, Bharat B., Maarten Mennes, Xi-Nian Zuo, Suril Gohel, Clare Kelly, Steve M. Smith, Christian F. Beckmann, Jonathan S. Adelstein, Randy L. Buckner, Stan Colcombe, Anne-Marie Dogonowski, Monique Ernst, Damien Fair, Michelle Hampson, Matthew J. Hoptman, James S. Hyde, Vesa J. Kiviniemi, Rolf Kötter, Shi-Jiang Li, Ching-Po Lin, Mark J. Lowe, Clare Mackay, David J. Madden, Kristoffer H. Madsen, Daniel S. Margulies, Helen S. Mayberg, Katie McMahan, Christopher S. Monk, Stewart H. Mostofsky, Bonnie J. Nagel, James J. Pekar, Scott J. Peltier, Steven E. Petersen, Valentin Riedl, Serge A. R. B. Rombouts, Bart Rypma, Bradley L. Schlaggar, Sein Schmidt, Rachael D. Seidler, Greg J. Siegle, Christian Sorg, Gao-Jun Teng, Juha Veijola, Arno Villringer, Martin Walter, Lihong Wang, Xu-Chu Weng, Susan Whitfield-Gabrieli, Peter Williamson, Christian Windischbegger, Yu-Feng Zang, Hong-Ying Zhang, F. Xavier Castellanos, & Michael P. Milham.** 2010. "Toward discovery science of human brain function." *Proceedings of the National Academy of Sciences* **107** (9 March): 4734-4739.
- Bitel, Lisa.** 2011. "Our Lady of Good Hope and Excellent Behavior: Why this Apparition and Why Now?" *Religion Dispatches* 29 March posting (online text at *religiondispatches.org* accessed 4/2/2011).
- Bitocchi, Elena, Laura Nanni, Elisa Bellucci, Monica Rossi, Alessandro Giardini, Pierluigi Spagnoletti Zeuli, Giuseppina Logozzo, Jens Stougaard, Phillip McClean, Giovanna Attene, & Roberto Papa.** 2012. "Mesoamerican origin of the common bean (*Phaseolus vulgaris* L.) is revealed by sequence data." *Proceedings of the National Academy of Sciences* **109** (3 April): E788-E796.
- Bitsch, Jacques, & Colette Bitsch.** 2007. "The segmental organization of the head region in Chelicerata: a critical review of recent studies and hypotheses." *Acta Zoologica* (Stockholm) **88** (October): 317-335.
- Bittles, A. H., & M. L. Black.** 2010. "Consanguinity, human evolution, and complex diseases." *Proceedings of the National Academy of Sciences* **107** (26 January): 1779-1786.
- Bittner, Terrie Lynn.** 2012. *Homeschooling: Take a Deep Breath, You Can Do This!* Silverton, ID: Mapletree Publishing Co.
- Bivins, Jason C.** 2008. *Religion of Fear: The Politics of Horror in Conservative Evangelicalism.* Oxford: Oxford University Press.
- . 2016. "Tim LaHaye's World: We're Living In It." *Religion Dispatches* 28 July posting (online text at *religiondispatches.org* accessed 7/29/2016).
- Bixby, Scott.** 2014. "Creationists Stall Eight-Year-Old Girl's Idea for State Fossil for South

- Carolina.” *The Daily Beast* 28 March (online text at www.thedailybeast.com accessed 4/10/2014).
- . 2015. “5 Facts About American History That Oklahoma Wants to Ban.” *News.Mic* 18 February posting (online text at mic.com accessed 2/18/2015).
- Bizzarro, Martin.** 2014. “Probing the solar system’s prenatal history.” *Science* **345** (8 August): 620-621.
- Bizzarro, Martin, Joel A. Baker, & Henning Haack.** 2004. “Mg isotope evidence for contemporaneous formation of chondrules and refractory inclusions.” *Nature* **431** (16 September): 275-278.
- Bizzarro, Martin, Joel A. Baker, Henning Haack, David Ulfbeck, & Minik Rosing.** 2003. “Early history of Earth’s crust-mantle system inferred from hafnium isotopes in chondrites.” *Nature* **421** (27 February): 931-933.
- Bizzarro, Martin, James N. Connelly, Kristine Thrane, & Lars E. Borg.** 2012. “Excess hafnium-176 in meteorites and the early Earth zircon record.” *Geochemistry, Geophysics, Geosystems* **13** (March): Q03002.
- Bizzarro, Martin, David Ulfbeck, Anne Trinquier, Kristine Thrane, James N. Connelly, & Bradley S. Meyer.** 2007. “Evidence for a Late Supernova Injection of ⁶⁰Fe into the Protoplanetary Disk.” *Science* **316** (25 May): 1178-1181.
- Bizzo, Nello Marco Vincenzo.** 1994. “From Down House Landlord to Brazilian High School Students: What Has Happened to Evolutionary Knowledge on the Way?” *Journal of Research in Science Teaching* **31** (May): 537-556.
- Bizzo, Nello, & Charbel N. El-Hani.** 2009. “Darwin and Mendel: evolution and genetics.” *Journal of Biological Education* **43** (Summer): 108-114.
- Bjedov, Ivana, Olivier Tenaillon, Bénédicte Gérard, Valeria Souza, Erick Denamur, Miroslav Radman, François Taddei, & Ivan Matic.** 2003. “Stress-Induced Mutagenesis in Bacteria.” *Science* **300** (30 May): 1404-1409.
- Bjerrum, Christian J., & Donald E. Canfield.** 2002. “Ocean productivity before about 1.9 Gyr ago limited by phosphorus adsorption onto iron oxides.” *Nature* **417** (9 May): 159-162.
- . 2011. “Towards a quantitative understanding of the late Neoproterozoic carbon cycle.” *Proceedings of the National Academy of Sciences* **108** (5 April): 5542-5547.
- Björk, Glenn R., Kerstin Jacobsson, Kristina Nilsson, Marcus J. O. Johansson, Anders S. Byström, & Olaf P. Persson.** 2001. “A primordial tRNA modification required for the evolution of life?” *The EMBO Journal* **20** (15 January): 231-239.
- Björkholm, Patrik, Ajith Harish, Erik Hagström, Andreas M. Ernst, & Siv G. E. Andersson.** 2015. “Mitochondrial genomes are retained by selective constraints on protein targeting.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10154-10161.
- Bjørnerud, M. G., & H. Austrheim.** 2006. “Hot fluids or rock in eclogite metamorphism?” *Nature* **440** (16 March): E4.
- Bjornstad, Bruce N., R. Scott Babcock, & George V. Last.** 2007. “Flood basalts and Ice Age floods: Repeated late Cenozoic cataclysms of southeastern Washington,” in Stelling & Tucker (2007, 209-255).
- Blaauw, Maarten.** 2012. “Out of tune: The dangers of aligning proxy archives.” *Quaternary Science Reviews* **36** (12 March): 38-49.
- Blaauw, Maarten, K. D. Bennett, & J. André Christen.** 2010. “Random walk simulations of fossil proxy data.” *The Holocene* **20** (4): 645-649.
- Blaauw, Maarten, Vance T. Holliday, Jacquelyn L. Gill, & Kathleen Nicoll.** 2012. “Age models and the Younger Dryas Impact Hypothesis.” *Proceedings of the National Academy of Sciences* **109** (21 August): E2240.
- Blaber, Michael.** 2004. “Nano-dynamics: engineering allostery via tandem duplication and turn energetics.” *Trends in Biotechnology* **22** (January): 1-2.
- Black, Conrad.** 2015. “The shabby, shallow world of the militant atheist.” *National Post* 21 March posting (online text at news.nationalpost.com accessed 3/24/2015).
- . 2017. “I put this as simply as possible: Many atheists are excellent, but atheism itself is hurting the West.” *National Post* 7 April posting (online text at news.nationalpost.com

- accessed 5/5/2017).
- Black, Edwin.** 2003. *War Against the Weak: Eugenics and America's Campaign to Create a Master Race*. New York: Four Walls Eight Windows.
- Black, Michael W., & John C. Boothroyd.** 2000. "Lytic Cycle of *Toxoplasma gondii*." *Microbiology and Molecular Biology Reviews* **64** (September): 607-623.
- Black, Nathan.** 2010. "Poll: 4 in 10 Americans Believe in Creationism." *The Christian Post* (19 December): online text accessed 5/2/2011 (*christianpost.com*).
- Black, Roy A., & Matthew C. Blosser.** 2016. "A Self-Assembled Aggregate Composed of a Fatty Acid Membrane and the Building Blocks of Biological Polymers Provides a First Step in the Emergence of Protocells." *Life* (online @ *www.mdpi.com*) **6** (August): 33.
- Black, Roy A., Matthew C. Blosser, Benjamin L. Stottrup, Ravi Tavakley, David W. Deamer, & Sarah L. Keller.** 2013. "Nucleobases bind to and stabilize aggregates of a prebiotic amphiphile, providing a viable mechanism for the emergence of protocells." *Proceedings of the National Academy of Sciences* **110** (13 August): 13272-13276.
- Black, William R.** 2014. "End-Times Watcher Sees Satan in an Energy Drink." *Religion Dispatches* 14 November (online text at *religiondispatches.org* accessed 11/17/2014).
- Blackburn, Daniel G.** 1995. "Paleontology Meets the Creationist Challenge." *Creation/Evolution* **15** (Summer): 26-38.
- . 2006. "Squamate reptiles as model organisms for the evolution of viviparity." *Herpetological Monographs* **20**: 131-146.
- Blackburn, Daniel G., & Alexander F. Flemming.** 2012. "Invasive implantation and intimate placental associations in a placental trophic African lizard, *Trachylepsis ivensi* (scincidae)." *Journal of Morphology* **273** (February): 137-159.
- Blackburn, Elizabeth H., & Kathleen Collins.** 2011. "Telomerase: An RNP Enzyme Synthesizes DNA." *Cold Spring Harbor Perspectives in Biology* **3** (May): a003558.
- Blackburn, Terrence J., Paul E. Olsen, Samuel A. Bowring, Noah M. McLean, Dennis V. Kent, John Puffer, Greg McCone, E. Troy Asbury, & Mohammed Et-Toumai.** 2013. "Zircon U-Pb Geochronology Links the End-Triassic Extinction with the Central Atlantic Magmatic Province." *Science* **340** (24 May): 941-945.
- Blackford, Jennifer Urbano, Amil H. Allen, Ronald L. Cowan, & Suzanne N. Avery.** 2013. "Amygdala and hippocampus fail to habituate to faces in individuals with an inhibited temperament." *Social Cognitive & Affective Neuroscience* **8** (February): 143-150.
- Blackford, Linda.** 2017. "Could a \$10 sale mean no more taxes for Noah's Ark theme park?" *Lexington Herald-Leader* posting 17 July: online text accessed 7/18/2017 (*www.kentucky.com*).
- Blackford, Russell.** 2009. "PZ on accommodationism." *Metamagician and the Hellfire Club* 27 April posting (online text at *metamagician3000.blogspot.com* accessed 4/28/2009).
- . 2016. "On Accommodationism: A Reply to Pigliucci." *The Philosopher's Magazine TPM Online* 25 January posting (online text at *www.philosophersmag.com* accessed 1/26/2016).
- Blackiston, Douglas J., Elena Silva Casey, & Martha R. Weiss.** 2008. "Retention of Memory through Metamorphosis: Can a Moth Remember What It Learned As a Caterpillar?" *PLoS ONE* (online @ *plosone.org*) **3** (March): e1736.
- Blackledge, Todd A., Nikolaj Scharff, Jonathan A. Coddington, Tamas Szűts, John W. Wenzel, Cheryl Y. Hayashi, & Ingi Agnarsson.** 2009. "Reconstructing web evolution and spider diversification in the molecular era." *Proceedings of the National Academy of Sciences* **106** (31 March): 5229-5234.
- Blackmond, Donna G.** 2004. "Asymmetric autocatalysis and its implications for the origin of homochirality." *Proceedings of the National Academy of Sciences* **101** (20 April): 5732-5736.
- . 2010. "The Origin of Biological Homochirality." *Cold Spring Harbor Perspectives in Biology* **2** (May): a002147.
- . 2011. "The origin of biological homochirality." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **366** (October): 2878-2884.

- Blackmore, Susan.** 1993. *Dying to Live: Near-Death Experiences*. Buffalo, NY: Prometheus Books.
- . 1996. *In Search of the Light: The Adventures of a Parapsychologist*. Amherst, NY: Prometheus Books.
- . 1998. “Abduction by Aliens or Sleep Paralysis?” *Skeptical Inquirer* **22** (May/June): 23-28.
- . 1999. *The Meme Machine*. Oxford: Oxford University Press.
- . 2000. “The Power of Memes.” *Scientific American* **283** (October): 64-66, 68-71, 73.
- . 2001a. “What Can the Paranormal Teach Us About Consciousness?” *Skeptical Inquirer* **25** (March/April): 22-27.
- . 2001b. “Hello, who are you?” *New Scientist* **170** (30 June): 52-53.
- . 2008. “Memes shape brains shape memes.” *Behavioral and Brain Sciences* **31** (5): 513.
- Blackstone, Neil W.** 1995. “A Units-of-Evolution Perspective on the Endosymbiont Theory of the Origin of the Mitochondrion.” *Evolution* **49** (October): 785-796.
- . 2007. “A food’s-eye view of the transition from basal metazoans to bilaterians.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 724-733.
- . 2009. “Is Evolutionary Theory Central to Molecular Cell Biology?” *EvoS Journal* (online @ evostudies.org) **1** (1): 34-43.
- Blackstone, Neil W., & Aaron M. Ellison.** 2000. “Maximal Indirect Development, Set-Aside Cells, and Levels of Selection.” *Journal of Experimental Zoology* **288** (15 August): 99-104.
- Blackstone, Neil W., & Douglas R. Green.** 1999. “The evolution of a mechanism of cell suicide.” *BioEssays* **21** (January): 84-88.
- Blackwell, Gus, Sally Kern, & Josh Brecheen.** 2014a. “House Bill 1674.” Introduced Oklahoma House legislation (online text at webserver1.lsb.state.ok.us accessed 2/21/2014).
- . 2014b. “House Bill 1674.” Enacted Oklahoma House legislation (online text at webserver1.lsb.state.ok.us accessed 3/24/2014).
- Blackwell, Ken.** 2015. “Supreme Court Marriage Case, Another Dred Scott Ruling?” Cybercast (formerly Conservative) New Service *CNSnews* 10 March posting (online text at cnsnews.com accessed 3/10/2015).
- Blackwell, Meredith.** 2000. “Terrestrial Life—Fungal from the Start?” *Science* **289** (15 September): 1884-1885.
- . 2011. “The Fungi: 1, 2, 3 ... 5.1 million species?” *American Journal of Botany* **98** (March): 426-438.
- Blackwell, Meredith, David S. Hibbett, John W. Taylor, & Joseph W. Spatafora.** 2006. “Research Coordination Networks: a phylogeny for kingdom Fungi (Deep Hypha).” *Mycologia* **98** (November/December): 829-837.
- Blackwell, Meredith, & Cletus P. Kurtzman.** 2016. “Social wasps promote social behavior in *Saccharomyces* spp.” *Proceedings of the National Academy of Sciences* **113** (23 February): 1971-1973.
- Blackwood, John K., Ewa A. Okely, Rabaab Zahra, John K. Eykelenboom, & David R. F. Leach.** 2010. “DNA tandem repeat instability in the *Escherichia coli* chromosome is stimulated by mismatch repair at an adjacent CAG-CTG trinucleotide repeat.” *Proceedings of the National Academy of Sciences* **107** (28 December): 22582-22586.
- Blagodatski, Artem, Anton Sergeev, Mikhail Kryuchkov, Yuliya Lopatina, & Vladimir L. Katanaev.** 2015. “Diverse set of Turing nanopatterns coat corneae across insect lineages.” *Proceedings of the National Academy of Sciences* **112** (25 August): 10750-10755.
- Blagoderov, Vladimir, & David Grimaldi.** 2004. “Fossil Sciaroidea (Diptera) in Cretaceous Ambers, Exclusive of Cecidomyoidea, Sciaridae, and Keroplatidae.” *American Museum Novitates* **3433** (February): 1-76.
- Blagoderov, Vladimir, Heikki Hippa, & Jan Ševčík.** 2009. “*Asiorrhina*, a new Oriental genus of Lygistorrhinidae (Diptera: Sciaroidea) and its phylogenetic position.” *Zootaxa* **2295**: 31-45.
- Blagoev, Krastan B.** 2011. “Organ aging and susceptibility to cancer may be related to the geometry of the stem cell niche.” *Proceedings of the National Academy of Sciences* **108**

- (29 November): 19216-19221.
- Blagrove, Marcus S. C., Camilo Arias-Goeta, Anna-Bella Failloux, & Steven P. Sinkins.** 2012. “*Wolbachia* strain *wMel* induces cytoplasmic incompatibility and blocks dengue transmission in *Aedes albopictus*.” *Proceedings of the National Academy of Sciences* **109** (3 January): 255-260.
- Blain, Bastien, Guillaume Hollard, & Mathias Pessiglione.** 2016. “Neural mechanisms underlying the impact of daylong cognitive work on economic decisions.” *Proceedings of the National Academy of Sciences* **113** (21 June): 6967-6972.
- Blair, Christopher, Kellie L. Heckman, Amy L. Russell, & Anne D. Yoder.** 2014. “Multilocus coalescent analyses reveal the demographic history and speciation patterns of mouse lemur sister species.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (24 March): 57.
- Blair, Clancy, & Rachel Peters Razza.** 2007. “Relating Effortful Control, Executive Function, and False Belief Understanding to Emerging Math and Literacy Ability in Kindergarten.” *Child Development* **78** (March/April): 647-663.
- Blair, H. T.** 2014. “Charting the Islands of Memory.” *Science* **343** (21 February): 846-847.
- Blair, Jaime E., & S. Blair Hedges.** 2005a. “Molecular Clocks Do Not Support the Cambrian Explosion.” *Molecular Biology and Evolution* **22** (March): 387-390.
- . 2005b. “Molecular Phylogeny and Divergence Times of Deuterostome Animals.” *Molecular Biology and Evolution* **22** (November): 2275-2284.
- Blair, Lauren P., Zhongzhi Liu, Ramon Lorenzo D. Labitigan, Lizhen Wu, Dinghai Zheng, Zheng Xia, Erica L. Pearson, Fathima I. Nazeer, Jian Cao, Sabine M. Lang, Rachel J. Rines, Samuel G. Mackintosh, Claire L. Moore, Wei Li, Bin Tian, Alan J. Tackett, & Qin Yan.** 2016. “KDM5 lysine demethylases are involved in maintenance of 3'UTR length.” *Science Advances* **2** (18 November): e1501662 (online at sciencemag.org).
- Blair, Leonardo.** 2013. “Arizona Sen. Jeff Flake’s Image Takes Another Hit as Son Pretends to Commit Suicide on YouTube.” *The Christian Post* (14 June): online text accessed 2/15/2014 (christianpost.com).
- Blair, M. E., E. J. Sterling, M. Dusch, C. J. Raxworthy, & R. G. Pearson.** 2013. “Ecological divergence and speciation between lemur (*Eulemur*) sister species in Madagascar.” *Journal of Evolutionary Biology* **24** (August): 1790-1801.
- Blais, Stephanie A., Lindsay A. MacKenzie, & Mark V. H. Wilson.** 2011. “Tooth-like scales in Early Devonian eugnathostomes and the ‘outside-in’ hypothesis for the origins of teeth in vertebrates.” *Journal of Vertebrate Paleontology* **31** (November): 1189-1199.
- Blaise, Sandra, Nathalie de Parseval, Laurence Bénit, & Thierry Heidmann.** 2003. “Genomewide screening for fusogenic human endogenous retrovirus envelopes identifies syncytin 2, a gene conserved on primate evolution.” *Proceedings of the National Academy of Sciences* **100** (28 October): 13013-13018.
- Blake, Aaron.** 2012. “Todd Akin, GOP Senate candidate: ‘Legitimate rape’ rarely causes pregnancy.” *The Washington Post* updated posting 19 August: online text accessed 8/22/2012 (www.washingtonpost.com).
- Blake, Daniel B.** 2000. “The class Asteroidea (Echinodermata): Fossils and the base of the crown group.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (June): 316-325.
- Blake, Daniel B., Daniel A. Janies, & Rich Mooi.** 2000. “Evolution of starfish: Morphology, molecules, development, and paleobiology. Introduction to the Symposium.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (June): 311-315.
- Blake, David F., & Peter Jenniskens.** 2001. “The Ice of Life.” *Scientific American* **285** (August): 44-47, 50-51.
- Blake, David T.** 2012. “How brains learn to control machines.” *Nature* **483** (15 March): 284-285.
- Blake, Geoffrey A., & Edwin A. Bergin.** 2015. “Prebiotic chemistry on the rocks.” *Nature* **520** (9 April): 161-162.
- Blake, Mariah.** 2010. “Revisionaries: How a group of Texas conservatives is rewriting your

- kids' textbooks." *Washington Monthly* (January): online text accessed 1/8/2010 (washingtonmonthly.com).
- Blake, P. R., K. McAuliffe, J. Corbit, T. C. Callaghan, O. Barry, A. Bowie, L. Kleutsch, K. L. Kramer, E. Ross, H. Vongsachang, R. Wrangham, & F. Warneken.** 2015. "The ontogeny of fairness in seven societies." *Nature* **528** (10 December): 258-261.
- Blake, Victoria M., & Scott Barolo.** 2014. "Genome Evolution: How Sister Genes Grow Apart." *Current Biology* **24** (4 August): R695-R697.
- Blakemore, Sarah-Jayne.** 2009. "Development of the Social Brain in Adolescence," in Brockman (2009, 69-76).
- Blakeslee, Sandra.** 2000. "Making Sense of Grand Canyon's Puzzles." *The New York Times* posting 6 June: online text accessed 1/31/2013 (partners.nytimes.com).
- Blakey, Ronald C.** 1990. "Stratigraphy and geologic history of Pennsylvanian and Permian \rocks: Mogollon Rim region, central Arizona and vicinity." *The Geological Society of America GSA Bulletin* **102** (May): 1189-1217.
- . 2011. "Global Paleogeography." *Colorado Plateau Geosystems Home Page* (online text at cpgeosystems.com accessed 1/29/2012).
- . 2012a. "Appendix A: Paleogeography of the Colorado Plateau." University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics maps (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- . 2012b. "Appendix B: Paleogeography of North America." University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics maps (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Blakey, Ronald C., & Rex Knepp.** 1989. "Pennsylvanian and Permian Geology of Arizona," in Jwenny & Reynolds (1989, 313-347).
- Blakey, Ronald C., & Larry T. Middleton.** 2012. "Geologic history and paleogeography of Paleozoic and early Mesozoic sedimentary rocks, eastern Grand Canyon, Arizona." *The Geological Society of America Special Papers* **489**: 81-92.
- Blamey, Nigel J. F., Uwe Brand, John Parnell, Natalie Spear, Christophe Lécuyer, Kathleen Benison, Fanwei Meng, & Pei Ni.** 2016. "Paradigm shift in determining Neoproterozoic atmospheric oxygen." *Geology* **44** (August): 651-654.
- Blanc, Guillaume, Lucie Gallot-Lavallée, & Florian Maumus.** 2015. "Provirophages in the Bigelowiella genome bear testimony to past encounters with giant viruses." *Proceedings of the National Academy of Sciences* **112** (22 September): E5318-E5326.
- Blanchard, Jeffrey L., & Michael Lynch.** 2000. "Organellar genes: why do they end up in the nucleus?" *Trends in Genetics* **16** (July): 315-320.
- Blanchard, Kate.** 2014. "Note to David Brat: Free Markets Are Not Calvinist." *Religion Dispatches* 12 June (online text at religiondispatches.org accessed 6/15/2014).
- Blanchard, Lawrence.** 2001. *Did All Races Come From Adam? A Biblical, Scientific and Historical Examination of Three Views*. 2006 2nd ed. Union, KY: Fellowship of God's Covenant People.
- Blanche, Stefaan.** 2010. "Creationism in the Netherlands." *Zygon* **45** (December): 791-816.
- Blanche, Stefaan, & Peter C. Kjærgaard.** 2016. "Creationism Invades Europe." *Scientific American* October posting (online text at scientificamerican.com accessed 9/20/2016).
- Blanco, Alejandro, Eduardo Puértolas-Pascual, Josep Marmi, Bernat Vila, & Albert G. Sellés.** 2014. "*Allodaposuchus palustris* sp. nov. from the Upper Cretaceous of Fumanya (South-Eastern Pyrenees, Iberian Peninsula): Systematics, Palaeoecology and Palaeobiogeography of the Enigmatic Allodaposuchian Crocodylians." *PLoS ONE* (online @ plosone.org) **9** (December): e115837.
- Blanco, Francisco J., Isabelle Angrand, & Luis Serrano.** 1999. "Exploring the Conformational Properties of the Sequence Space Between Two Proteins with Different Folds: An Experimental Study." *Journal of Molecular Biology* **285** (15 January): 741-753.
- Blanco, R. Ernesto, & Gerardo V. Mazzetta.** 2001. "A new approach to evaluate the cursorial ability of the giant theropod *Giganotosaurus carolinii*." *Acta Palaeontologica Polonica* **46** (2): 193-202.

- Blanden, Robert V., Harold S. Ruthmfluh, Paula Zylstm, Geoig E. Weiller, Edward J. Steele, inter, David B., & Patricia I. Gearhart.** 1998. "The signature of somatic hypermutation appears to be written into the germline IgV segment repertoire." *Immunological Reviews* **162** (April): 117-132.
- Blandin, Stephanie A., Rui Wang-Sattler, Marina Lamacchia, Julien Gagneur, Gareth Lycett, Ye Ning, Elena A. Levashina, & Lars M. Steinmetz.** 2009. "Dissecting the Genetic Basis of Resistance to Malaria Parasites in *Anopheles gambiae*." *Science* **326** (2 October): 147-150.
- Blank, Brian E.** 2009. "The Calculus Wars." *Notices of the American Mathematical Society* **56** (May): 602-610.
- Blank, David, & Weikang Wang.** 2014. "Behavioral responses of goitered gazelle (*Gazella subgutturosa*) to parasitic activity of botflies." *The Journal for Parasitology* **100** (February): 66-72.
- Blank, Diana, Luise Wolf, Martin Ackerman, & Olin K. Silander.** 2014. "The predictability of molecular evolution during functional innovation." *Proceedings of the National Academy of Sciences* **111** (25 February): 3044-3049.
- Blank, Jennifer G., Gregory H. Miller, Michael J. Ahrens, & Randall E. Winans.** 2001. "Experimental Shock Chemistry of Aqueous Amino Acid Solutions and the Cometary Delivery of Prebiotic Compounds." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **31** (February-April): 15-51.
- Blanke, Alexander, Markus Koch, Benjamin Wipfler, Fabian Wilde, & Bernhard Misof.** 2014. "Head morphology of *Tricholepidion gertschi* indicates monophyletic Zygentoma." *Frontiers in Zoology* (online @ frontiersinzoology.com) **11** (13 March): 16.
- Blanke, Olaf.** 2012. "Multisensory brain mechanisms of bodily self-consciousness." *Nature Reviews Neuroscience* **13** (August): 556-571.
- . 2013. "Multisensory brain mechanisms of bodily self-consciousness." *Neurosciences in Intensive Care International Symposium* lecture slide posting (online pdf at www.nicis.fr accessed 11/21/2014).
- Blanke, Olaf, Stephanie Ortigue, Theodor Landis, & Margitta Seeck.** 2002. "Stimulating illusory own-body perceptions." *Nature* **419** (19 September): 269-270.
- Blanke, Olaf, Polona Pozeg, Masayuki Hara, Lukas Heydrich, Andrea Serino, Akio Yamamoto, Toshiro Higuchi, Roy Salomon, Margitta Seeck, Theodor Landis, Shahar Arzy, Bruno Herbelin, Hannes Bleuler, & Giulio Rognini.** 2014. "Neurological and Robot-Controlled Induction of an Apparition." *Current Biology* **24** (17 November): 2681-2686.
- Blanke, Steven R.** 2013. "Expanding Functionality Within the Looking-Glass Universe." *Science* **325** (18 September): 1505-1506.
- Blankenship, Robert E.** 2010a. "Early Evolution of Photosynthesis." *Plant Physiology* **154** (October): 434-438.
- . 2010b. "Evolution of Photosynthesis." NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- . 2017. "How Cyanobacteria went green." *Science* **355** (31 March): 1372-1373.
- Blanton, John.** 2009. "The third degree." *The North Texas Skeptic* October newsletter posting (online text at www.ntskeptics.org accessed 9/14/2013).
- Blard, Pierre-Henri, Guillaume Leduc, & Neil Glasser.** 2016. "The history of Greenland's ice." *Nature* **540** (8 December): 202-203.
- Blasco, Maria A., Han-Woong Lee, M. Prakash Hande, Enrique Samper, Peter M. Lansdorp, Ronald A. DePinho, & Carol W. Greider.** 1997. "Telomere shortening and tumor formation by mouse cells lacking telomerase RNA." *Cell* **91** (3 October): 25-34.
- Blasi, Damián E., Søren Wichmann, Harald Hammarström, Peter F. Stadler, & Morten H. Christiansen.** 2016. "Sound-meaning association biases evidenced across thousands of languages." *Proceedings of the National Academy of Sciences* **113** (27 September): 10818-10823.

- Blaskiewicz, Robert.** 2013. “The Downing of Flight 800—The Conspiracy Theory I Believed.” *CSI* 24 June posting (online text at www.csicop.org accessed 11/22/2013).
- Blatner, David.** 1997. *The Joy of π* . New York: Walker & Co.
- Blattner, Rachel.** 2015. “Supernatural Cosmic Origins: Challenging the Reigning Paradigm.” *Liberty University Senior Thesis* (online text at digitalcommons.liberty.edu accessed 6/10/2017).
- Blauer, Eric.** 2013. “The failure of Phil Robertson of Duck Dynasty and progressives in the debate on homosexuality.” *Spokane Faith & Values* 21 December posting (online text at spokanefav.com accessed 12/23/2013).
- Blaxter, Mark.** 2010. “Revealing the Dark Matter of the Genome.” *Science* **330** (24 December): 1758-1759.
- Blaxter, Mark L., Paul De Ley, James R. Garey, Leo X. Liu, Patsy Schledeman, Andy Vierstraete, Jacques P. Vanfleteren, Laura Y. Mackey, Mark Dorris, Lind M. Frisse, J. T. Vida, & W. Kelley Thomas.** 1998. “A molecular evolutionary framework for the phylum Nematoda.” *Nature* **392** (5 March): 71-75.
- Blazak, W. F., & F. E. Eldridge.** 1977. “A Robertsonian translocation and its effect upon fertility in Brown Swiss cattle.” *Journal of Dairy Science* **60** (July): 1133-1142.
- Bleckmann, Horst, Joachim Mogdans, & Sheryl L. Coombs,** eds. 2014. *Flow Sensing in Air and Water: Behavioral, Neural and Engineering Principles of Operation*. Berlin: Springer.
- Bleefeld, Ann R., & W. J. Bock.** 2002. “Unique anatomy of lagomorph calcaneus.” *Acta Palaeontologica Polonica* **47** (1): 181-833.
- Bleefeld, Ann R., & Malcolm C. McKenna.** 1985. “Skeletal Integrity of *Mimolagus rodens* (Lagomorpha, Mammalia).” *American Museum Novitates* **2806** (31 January): 1-5.
- Bleichert, Franziska, Michael R. Botchan, & James M. Berger.** 2017. “Mechanisms for initiating cellular DNA replication.” *Science* **355** (24 February): aah6317 (online at sciencemag.org).
- Bleidorn, Christoph, Igor Eeckhaut, Lars Podsiadlowski, Hancy Schult, Damhnait McHugh, Kenneth M. Halanych, Michael C. Milinkovitch, & Ralph Tiedemann.** 2007. “Mitochondrial Genome and Nuclear Sequence Data Support Myzostomida As Part of the Annelid Radiation.” *Molecular Biology and Evolution* **24** (August): 1690-1701.
- Bleiweiss, Robert.** 1998. “Fossil gap analysis supports early Tertiary origin of trophically diverse avian orders.” *Geology* **26** (April): 323-326.
- Bleiweiss, Robert, John A. W. Kirsch, & Juan Carlos Matheus.** 1994. “DNA-DNA Hybridization Evidence for Subfamily Structure Among Hummingbirds.” *The Auk* **111** (January): 8-19.
- Bleske-Rechek, April, Lyndsay A. Nelson, Jonathan P. Baker, Mark W. Remiker, & Sarah J. Brandt.** 2010. “Evolution and the Trolley Problem: People Save Five Over One Unless the One is Young, Genetically Related, or a Romantic Partner.” *Journal of Social, Evolutionary, and Cultural Psychology* **4** (September): 115-127.
- Bletz, Stefan, Martina Bielaszewska, Shana R. Leopold, Robin Köck, Anika Witten, Jörg Schuldes, Wenlan Zhang, Helge Karch, & Alexander Mellmann.** 2013. “Evolution of Enterohemorrhagic *Escherichia coli* O26 Based on Single-Nucleotide Polymorphisms.” *Genome Biology and Evolution* **5** (October): 1807-1816.
- Blevins, Todd, Jing Wang, David Pflieger, Frédéric Pontvianne, & Craig S. Pikaard.** 2017. “Hybrid incompatibility caused by an epiallele.” *Proceedings of the National Academy of Sciences* **114** (4 April): 3702-3707.
- Blewett, Richard,** ed. 2012. *Shaping a Nation: A Geology of Australia*. Canberra: Australian National University/Geoscience Australia.
- Blichert-Toft, Janne, & Francis Albarède.** 1997. “The Lu-Hf isotope geochemistry of chondrites and the evolution of the mantle-crust system.” *Earth and Planetary Science Letters* **148** (April): 243-258.
- Blichert-Toft, Janne, Maud Boyet, Philippe Télouk, & Francis Albarède.** 2002. “ ^{147}Sm - ^{143}Nd and ^{176}Lu - ^{176}Hf in eucrites and the differentiation of the HED parent body.” *Earth and Planetary Science Letters* **204** (30 November): 167-181.

- Blichert-Toft, Janne, James D. Gleason, Philippe Télouk, & Francis Albarède.** 1999. “The Lu-Hf isotope geochemistry of shergottites and the evolution of the Martian mantle-crust system.” *Earth and Planetary Science Letters* **173** (November): 25-39.
- Blick, Edward F.** 1972. “The Correlation of the Bible and Science.” *Full Life Ministries – Living Waters* 2006 article posting (online pdf at fmilw.org/ accessed 4/4/2014).
- . 2006. “Laughing at Evolution.” *Full Life Ministries – Living Waters* posting of 17 January letter (online pdf at fmilw.org/ accessed 4/4/2014).
- . 2009. “Global Warming Myth and Marxism: How the U.N. and Marxist Economists Have Used the Global Warming Myth to Wreck World Economies.” *Southwest Radio Church of the Air* posting by ICECAP (online pdf at icecap.us accessed 4/4/2014).
- Blieck, A., G. Clément, H. Blom, H. Lelievre, E. Luksevics, M. Streel, J. Thorez, & G. C. Young.** 2007. “The biostratigraphical and palaeogeographical framework of the earliest diversification of tetrapods (Late Devonian).” *Geological Society, London, Special Publications* **278**: 219-235.
- Blieck, A., G. Clément, & M. Streel.** 2010. “The biostratigraphical distribution of earliest tetrapods (Late Devonian): a revised version with comments on biodiversification.” *Geological Society, London, Special Publications* **339**: 129-138.
- Bliese, John R. E.** 2001. *The Greening of Conservative America*. Boulder, CO: Westview Press (Perseus Books).
- Blievernicht, Eric.** 1997. “By Their Fruits Ye Shall Know Them...” *Creation/Evolution Hall of Shame* posting updated 14 April (online text at www.geocities.com/heartland/7547 accessed 3/21/2001, not available as of 11/2/2013).
- . 2002. “Transitional Fossils?” Lutheran Science Institute *LSI Journal* September-October article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2004. “The Rhetoric of Design.” *Answers in Genesis* article for 1 December (online text at www.answersingenesis.org accessed 11/2/2013).
- Blinder, Alan.** 2014. “Bryan College Is Torn: Can Darwin and Eden Coexist?” *The New York Times* posting 20 May: online text accessed 5/22/2014 (www.nytimes.com).
- Bliss, Barbara J., Stefan Wanke, Abdelali Barakat, Saravananaraj Ayyampalayam, Norman Wickett, P. Kerr Wall, Yuannian Jiao, Lena Landherr, Paula E. Ralph, Yi Hu, Christoph Neinhuis, Jim Leebens-Mack, Kathiravetpilla Arumuganathan, Sandra W. Clifton, Siela N. Maximova, Hong Ma, & Claude W. dePamphilis.** 2013. “Characterization of the basal angiosperm *Aristolochia fimbriata*: a potential experimental system for genetic studies.” *BMC Plant Biology* (online @ biomedcentral.com) **13** (24 January): 13.
- Bliss, Richard.** 1983. “Evolutionary Indoctrination and Decision-Making in Schools.” Institute for Creation Research *Acts & Facts* (June) posting (online text at icr.org accessed 2/11/2014).
- . 1985. “Scientific Integrity.” Institute for Creation Research *Acts & Facts* (February) posting (online text at icr.org accessed 12/23/2013).
- . 1990. “A Failed Attempt at Student Brainwashing.” Institute for Creation Research *Acts & Facts* (September) posting (online text at icr.org accessed 11/9/2013).
- Bliss, Tim V. P., Graham L. Collingridge, & Serge Laroche.** 2006. “ZAP and ZIP, a Story to Forget.” *Science* **313** (25 August): 1058-1059.
- Bloch, Guy, Tiago M. Franco, Ido Wachtel, Nava Panitz-Cohen, Stefan Fuchs, & Amihai Mazar.** 2010. “Industrial apiculture in the Jordan valley during Biblical times with Anatolian honeybees.” *Proceedings of the National Academy of Sciences* **107** (22 June): 11240-11244.
- Bloch, John D., J. Michael Timmons, Laura J. Crossey, George E. Gehrels, & Karl E. Karlstrom.** 2006. “Mudstone petrology of the Mesoproterozoic Unkar Group, Grand Canyon, U.S.A.: Provenance, weathering, and sediment transport on intracratonic Rodinia.” *Journal of Sedimentary Research* **76** (September): 1106-1119.
- Bloch, Jonathan I., & Doug M. Boyer.** 2002. “Grasping Primate Origins.” *Science* **298** (22 November): 1606-1610.

- Bloch, Jonathan I., Daniel C. Fisher, Philip D. Gingerich, Gregg F. Gunnell, Elwyn L. Simons, & Mark D. Uhen.** 1997. "Cladistic Analysis and Anthropoid Origins," with Response by **Richard F. Kay, Callum Ross, Blythe A. Williams, & Derek Johnson.** *Science* **278** (19 December): 2134-2136.
- Bloch, Jonathan I., Emily D. Woodruff, Aaron R. Wood, Aldo F. Rincon, Arianna R. Harrington, Gary S. Morgan, David A. Foster, Camilo Montes, Carlos A. Jaramillo, Nathan A. Jud, Douglas S. Jones, & Bruce J. MacFadden.** 2016. "First North American fossil monkey and early Miocene tropical biotic interchange." *Nature* **533** (12 May): 243-246.
- Bloch, Maurice.** 2008. "Why religion is nothing special but is central." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (12 June): 2055-2061.
- Bloch, Melissa.** 2011. "How Accurate Were Palin's Paul Revere Comments?" *NPR* transcript 6 June (online text at www.npr.org accessed 6/7/2011).
- Bloch, René.** 2015. "Leaving Home: Philo of Alexandria on the Exodus," in Levy *et al.* (2015a, 357-364).
- Block, Ned, & Philip Kitcher.** 2010. "Misunderstanding Darwin." *Boston Review* **35** (March/April): online text accessed 4/16/2010 (bostonreview.net).
- Block, Walter E.** 2012. "Ayn Rand Was Wrong." *Defending the Undefendable* posting 6 February (online text at psychologytoday.com accessed 6/14/2012).
- Blocker, Ariel, Pierre Gounon, Eric Larquet, Kirsten Niebuhr, Véronique Cabiliaux, Claude Parsot, & Philippe Sansonetti.** 1999. "The Tripartite Type III Secreton of *Shigella flexneri* Inserts IpaB and IpaC into Host Membranes." *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **147** (1 November): 683-693.
- Blocker, Ariel, Kaoru Komoriya, & Shin-Ichi Aizawa.** 2003. "Type III secretion systems and bacterial flagella: Insights into their function from structural similarities." *Proceedings of the National Academy of Sciences* **100** (18 March): 3027-3030.
- Blogowska, Joanna, Catherine Lambert, & Vassilis Saroglou.** 2013. "Religious Prosociality and Aggression: It's Real." *Journal for the Scientific Study of Religion* **52** (September): 524-536.
- Blomberg, Jonas, Dmitrijs Ushameckis, & Patric Jern.** 2005. "Evolutionary Aspects of Human Endogenous Retroviral Sequences (HERVs) and Disease," in Sverdlov (2005a, 204-238).
- Blomster, Jeffrey P.** 2012. "Early evidence of the ballgame in Oaxaca, Mexico." *Proceedings of the National Academy of Sciences* **109** (22 May): 8020-8025.
- Blood, Anne J., & Robert J. Zatorre.** 2001. "Intensely pleasurable responses to music correlate with activity in brain regions implicated in reward and emotion." *Proceedings of the National Academy of Sciences* **98** (25 September): 11818-11823.
- Bloom, Diane Petryk.** 2009. "William Steig's widow debunks creationist charge." *Arts & Entertainment* posting 18 April (online text at www.examiner.com accessed 2/25/2013).
- Bloom, Jesse D., & Frances H. Arnold.** 2009. "In the light of directed evolution: Pathways of adaptive protein evolution." *Proceedings of the National Academy of Sciences* **106** (16 June): 9995-10000.
- Bloom, John A.** 1991. "Why Isn't the Evidence Clearer?" Website article posting (online text at www.drjbloom.com accessed 11/9/2013).
- Bloom, Paul.** 2007. "Religion is natural." *Developmental Science* **10** (January): 147-151.
- . 2012. "Free Will Does Not Exist. So What?" *The Chronicle of Higher Education* posting 18 March: online text accessed 6/8/2014 (chronicle.com).
- . 2014. "Did God Make These Babies Moral?" *The New Republic* 13 January posting: online text accessed 2/17/2014 (tnr.com).
- Bloom, Paul, & Deena Skolnick Weisberg.** 2007. "Childhood Origins of Adult Resistance to Science." *Science* **316** (18 May): 996-997.
- Bloom, Stephen.** 2013a. "They've Crossed the Line." *They've Crossed the Line* homepage (online text at patriotsguidetoreligiousfreedom.blogspot.com accessed 8/13/2013).

- . 2013b. “An Act.” Pennsylvania House of Representatives legislative proposal (31 July) posting (online text at www.legis.state.pa.us accessed 8/9/2013).
- Bloomer, Sherwin, & Peter Meyer.** 1992. “Slimline magma chambers.” *Nature* **357** (14 May): 117-118.
- Bloomfield, Emma Frances.** 2014. “Science Denial Can’t be Cured by Education.” *Religion Dispatches* 17 February posting (online text at religiondispatches.org accessed 2/18/2014).
- Bloomfield, Gareth, Jason Skelton, Alasdair Ivens, Yoshimasa Tanaka, & Robert R. Kay.** 2010. “Sex Determination in the Social Amoeba *Dictyostelium discoideum*.” *Science* **330** (10 December): 1533-1536.
- Bloomquist, Ryan F., Nicholas F. Parnell, Kristine A. Phillips, Teresa E. Fowler, Tian Y. Yu, Paul T. Sharpe, & J. Todd Streebman.** 2015. “Coevolutionary pattern of teeth and taste buds.” *Proceedings of the National Academy of Sciences* **112** (3 November): E5954-E5962.
- Blount, Jonathan D., Neil B. Metcalfe, Tim R. Birkhead, & Peter F. Surai.** 2003. “Carotenoid Modulation of Immune Function and Sexual Attractiveness in Zebra finches.” *Science* **300** (4 April): 125-127.
- Blount, Zachary D., Jeffrey E. Barrick, Carla J. Davidson, & Richard E. Lenski.** 2012. “Genomic analysis of a key innovation in an experimental *Escherichia coli* population.” *Nature* **489** (27 September): 513-518.
- Blount, Zachary D., Christina Z. Borland, & Richard E. Lenski.** 2008. “Historical contingency and the evolution of a key innovation in an experimental population of *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **105** (10 June): 7899-7906.
- Blow, Matthew J., Tao Zhang, Tanja Woyke, Camilla F. Speller, Andrei Krivoschapkin, Dongya Y. Yang, Anatoly Derevianko, & Edward M. Rubin.** 2008. “Identification of ancient remains through genomic sequencing.” *Genome Research* **18** (August): 1347-1353.
- Blows, Mark W., & Megan Higgie.** 2003. “Genetic Constraints on the Evolution of Mate Recognition under Natural Selection.” *The American Naturalist* **161** (February): 240-253.
- Blue, Miranda.** 2014. “World Congress Of Families Funder Convenes Far-Right Group To Discuss Ridding Europe of ‘Satanic Gay Lobby’.” People for the American Way *Right Wing Watch* 4 June posting (online text at www.rightwingwatch.org accessed 6/10/2014).
- . 2015a. “GOP Committeewoman: Muslim, Wiccan Statehouse Prayers Show Need For Christianity In Public Schools.” People for the American Way *Right Wing Watch* 14 April posting (online text at www.rightwingwatch.org accessed 4/17/2015).
- . 2015b. “Ben Carson Assures Conservatives That His Campus Speech Monitoring Would Only Target Liberals.” People for the American Way *Right Wing Watch* 23 October posting (online text at www.rightwingwatch.org accessed 10/23/2015).
- . 2015c. “Kim Davis Predicts She Is ‘Just The First Of What’s Going To Be Very Many’.” People for the American Way *Right Wing Watch* 30 December posting (online text at www.rightwingwatch.org accessed 12/30/2015).
- . 2016a. “Cruz Virginia Campaign Leader Rails Against ‘Socialized Education System’ And Homosexuality’s ‘Prevention Of The Seed’.” People for the American Way *Right Wing Watch* 6 January posting (online text at www.rightwingwatch.org accessed 1/6/2016).
- . 2016b. “Heidi Cruz: Ted Running To ‘Show This Country The Face Of The God That We Serve’.” People for the American Way *Right Wing Watch* 10 February posting (online text at www.rightwingwatch.org accessed 2/14/2016).
- . 2016c. “Trump ‘Christian Policy’ Adviser Is A ‘Prophet’ Who Stopped A Tsunami, Says AIDS Is Result Of ‘Unnatural Sex’.” People for the American Way *Right Wing Watch* 23 May posting (online text at www.rightwingwatch.org accessed 5/27/2016).
- . 2016d. “Trump Christian Liaison: God ‘Raised Up’ Trump To Help Pave The Way For The Second Coming.” People for the American Way *Right Wing Watch* 6 June posting (online text at www.rightwingwatch.org accessed 8/19/2016).
- . 2016e. “Trump To Attend Ohio Pastors’ Meeting Hosted By Tsunami-Stopping Prophet.” People for the American Way *Right Wing Watch* 19 September posting (online text at

- www.rightwingwatch.org* accessed 9/22/2016).
- . 2016f. “Rep. Trent Franks: Civil War Started Because ‘The Left Was So Committed’ To Slavery.” *People for the American Way Right Wing Watch* 26 September posting (online text at *www.rightwingwatch.org* accessed 9/26/2016).
- Blueford, Joyce R.** 1984. “Defining Radiolarian Species: In Search of Solutions.” *Systematic Zoology* **33** (September): 275-282.
- Blue Letter Bible.* 2002. “Available Translations and Versions for Exd 21:21.” *Blue Letter Bible* search posting (online text at *www.blueletterbible.org* accessed 7/31/2002).
- Bluemke, Jessica.** 2012. “God is Working’ on Getting Gays to Heaven.” *Friendly Atheist* 29 May posting (online text at *www.patheos.com* accessed 9/25/2013).
- . 2013. “The Discovery Institute is Mad at Ball State University for Offering the Most Awesome Class Ever.” *Friendly Atheist* 7 October posting (online text at *www.patheos.com* accessed 10/18/2013).
- Blue Ridge Christian Academy.* 2013a. “Lower School Curriculum.” *Blue Ridge Christian Academy* posting (online text at *www.brca.us* accessed 5/1/2013).
- . 2013b. “Upper School Curriculum.” *Blue Ridge Christian Academy* posting (online text at *www.brca.us* accessed 5/1/2013).
- Blum, Christopher O.** 2015. “Aristotle and the God of Creation.” *Crisis* 6 February posting: online text accessed 6/24/2015 (*crisismagazine.com*).
- Blum, Edward J.** 2012. “Obama as Lord and Savior.” *Religion Dispatches* 3 December posting (online text at *religiondispatches.org* accessed 12/5/2012).
- Blum, Jordan.** 2013. “Fleming and Perkins claim religious threats in military.” *Baton Rouge Advocate* 10 July posting: online text accessed 8/14/2013 (*theadvocate.com*).
- Blum, Michael G. B., & Mattias Jakobsson.** 2011. “Deep Divergences of Human Gene Trees and Models of Human Origins.” *Molecular Biology and Evolution* **28** (February): 889-898.
- Blum, Ruthie.** 2008. “One on One: Broadcast Views.” *The Jerusalem Post* 6 August posting (online text at *www.jpost.com* accessed 8/11/2008).
- Blumberg, Mark, Russell Ciochon, Josep Comeron, Robert Cornell, David Depew, Albert Erives, John Fingert, Robert Franciscus, Bernd Fritsch, Steven Green, Gary Gussin, Stephen Hendrix, Philip Kaaret, Alan Kay, Andrew Kitchen, Cornelia Lang, Ana Llopart, John Logsdon, Robert Malone, John Manak, Linda Maxson, Bryant McAllister, Maurine Neiman, Veena Prahlad, & Vincent Rodgers.** 2013. “The science of evolution: Faculty members respond to recent Campus Voices article.” *Iowa Now* (The University of Iowa) *Campus Voices* 30 September posting (online text at *now.uiowa.edu* accessed 10/22/2013).
- Blumberg, S., F. Lamy, H. W. Arz, H. P. Echtler, M. Wiedicke, G. H. Haug, & O. Oncken.** 2008. “Turbiditic trench deposits at the South-Chilean active margin: A Pleistocene-Holocene record of climate and tectonics.” *Earth and Planetary Science Letters* **268** (30 April): 526-539.
- Blumenschine, Robert J., Charles R. Peters, Fidelis T. Masao, Ronald J. Clarke, Alan L. Deino, Richard L. Hay, Carl C. Swisher, Ian G. Stanistreet, Gail M. Ashley, Lindsay J. McHenry, Nancy E. Sikes, Nikolaas J. van der Merwe, Joanne C. Tactikos, Amy E. Cushing, Daniel M. Deocampo, Jackson K. Njau, & James I. Ebert.** 2003. “Late Pliocene *Homo* and Hominid Land Use from Western Olduvai Gorge, Tanzania.” *Science* **299** (21 February): 1217-1221.
- Blumenthal, John.** 2011. “Intelligent Design? Not If You’re Over 50.” *Huffington Post* posting 27 October (online text at *huffingtonpost.com* accessed 2/23/2012).
- Blumenthal, Max.** 2004. “White Noise.” *The American Prospect* posting 31 August (online text at *prospect.org* accessed 12/28/2013).
- Blumenthal, Richard.** 2013. “S.1696—Women’s Health Protection Act of 2013.” *U.S. Senate* 13 November legislation posting (online text at *beta.congress.gov* accessed 7/16/2014).
- Blumenthal, Scott A., Naomi E. Levin, Francis H. Brown, Jean-Philip Brugal, Kendra L. Chritz, John M. Harris, Glynis E. Jehle, & Thure E. Cerling.** 2017. “Aridity and hominin environments.” *Proceedings of the National Academy of Sciences* **114** (11 July):

- 7331-7336.
- Blunier, T., R. Spahni, J.-M. Barnola, J. Chappellaz, L. Loulergue, & J. Schwander.** 2007. "Synchronization of ice core records via atmospheric gases." *Climate of the Past* **3** (18 June): 325-330.
- Blunt, Sheryl Henderson.** 2006. "Shakeup at Patrick Henry College." *Christianity Today* posting 15 May: online text accessed 12/30/2011 (www.christianitytoday.com).
- Bluto, Maxime, Claire Prigent-Combaret, Patricia Luis, Yvan Moëgne-Loccoz, & Daniel Muller.** 2014. "Frequent, independent transfers of a catabolic gene from bacteria to contrasted filamentous eukaryotes." *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (22 August): 20140848.
- Boal, Amie K., Joseph A. Cotruvo Jr., JoAnne Stubbe, & Amy C. Rosenzweig.** 2010. "Structural Basis for Activation of Class 1b Ribonucleotide Reductase." *Science* **329** (17 September): 1526-1530.
- Boal, Amie K., Tyler L. Grover, Monica I. McLaughlin, Neela H. Yennawar, Squire J. Booker, & Amy C. Rosenzweig.** 2011. "Structural Basis for Methyl Transfer by a Radical SAM Enzyme." *Science* **332** (27 May): 1089-1092.
- Boaretto, Elisabetta, Xiaohong Wu, Jiarong Yuan, Ofer Bar-Yosef, Vikki Chu, Yan Pan, Kexin Liu, David Cohen, Tianlong Jiao, Shuicheng Li, Haibin Gu, Paul Goldberg, & Steve Weiner.** 2009. "Radiocarbon dating of charcoal and bone collagen associated with early pottery at Yuchanyan Cave, Hunan Province, China." *Proceedings of the National Academy of Sciences* **106** (16 June): 9595-9600.
- Boaz, Noel T., & Russell L. Ciochon.** 2001. "The Scavenging of 'Peking Man.'" *Natural History* **110** (March): 46-51.
- . 2004a. "Headstrong Hominids." *Natural History* **113** (February): 28-34.
- . 2004b. *Dragon Bone Hill: An Ice-Age Saga of Homo Erectus*. Oxford: Oxford University Press.
- Boaz, Noel T., Russell L. Ciochon, Qinqi Xu, & Jinyi Liu.** 2004. "Mapping and taphonomic analysis of the *Homo erectus* loci at Locality 1 Zoukoudian, China." *Journal of Human Evolution* **46** (May): 519-549.
- Boback, Scott M., Christian L. Cox, Brian D. Ott, Rachel Carmody, Richard W. Wrangham, & Stephen M. Secor.** 2007. "Cooking and grinding reduces the cost of meat digestion." *Comparative Biochemistry and Physiology Part A* (Molecular & Integrative Physiology) **148** (November): 651-656.
- Bobay, Louis-Marie, Marie Touchon, & Eduardo P. C. Rocha.** 2014. "Pervasive domestication of defective prophages by bacteria." *Proceedings of the National Academy of Sciences* **111** (19 August): 12127-12132.
- Bobenchik, April M., William H. Witola, Yoann Augagneur, Laura Nic Lochlainn, Aprajita Garg, Niseema Pachokara, Jae-Yeon Choi, Yang O. Zhao, Sahar Usmani-Brown, Albert Lee, Sophie H. Adjalley, Swapna Samanta, David A. Fidock, Dennis R. Voelker, Erol Fikrig, & Choukri Ben Mamoun.** 2013. "*Plasmodium falciparum* phosphoethanolamine methyltransferase is essential for malaria transmission." *Proceedings of the National Academy of Sciences* **110** (5 November): 18262-18267.
- Bob Jones University.* 1990. *Science 4 Students*. 2nd ed. Greenville, SC: Bob Jones University Press.
- . 2010. "Are Christians Just out of It, Scientifically Speaking?" Undated posting by Bob Jones University Press (online text at www.bjupress.com accessed 12/30/2010).
- . 2013. "BJU Scientists Speak Out." Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- Bobocel, D. Ramona, & Carolyn L. Hafer.** 2007. "Justice Motive Theory and the Study of Justice in Work Organizations: A Conceptual Integration." *European Psychologist* **12** (4): 283-289.
- Bocarsly, Andrew, Henry F. Schaefer III, Robert Tinnen, Benjamin Vowels, Stephen Meyer, Michael Behe, David Ives, William Dembski, Robert Kaita, Fred Sigworth, Leo Zacharski, David van Dyke, Robert Jenkins, Robert Koons, Gordon C. Mills, Donald**

- D. Hoffman, Robert Prud'homme, Alvin Plantinga, George Lebo, John Fantuzzo, Walter Bradley, Donald L. Ewert, Douglas Lauffenberger, Jack Omdahl, Joseph M. Melluchamp, Kirk Larsen, Paul Chien, William Sandine, H. C. Hinrichs, William Stuntz, Chris Littler, John Angus Campbell, T. Rick Irvin, David Wilcox, Stephen Fawl, Otto Helweg, J. Gary Eden, H. Keith Miller, & John Cogdell.** 1993. "Ad Hoc Origins Committee: *Scientists Who Question Darwinism*." *Apologetics.org* letter posting (online text at www.apologetics.org accessed 4/17/2002, not available as of 11/23/2013).
- Bocuzzi, Carmine D. Jr., Scott Thompson, & Mark Lightner.** 2013. Brief *Amicus Curiae* of American Sociological Association (28 February) re: *Dennis Hollingsworth, et al. v. Kristin M. Perry, et al.* (online pdf via www.asanet.org accessed 3/6/2013).
- Boch, Jens, Heidi Scholze, Sebastian Schornack, Angelika Landgraf, Simone Hahn, Sabine Kay, Thomas Lahaye, Anja Nickstadt, & Ulla Bonas.** 2009. "Breaking the Code of DNA Binding Specificity of TAL-Type III Effectors." *Science* **326** (11 December): 1509-1512.
- Bocherens, Hervé, & Dorothée G. Drucker.** 2006. "Dietary Competition Between Neanderthals and Modern Humans: Insights from Stable Isotopes," in Conard (2006, 129-143).
- Bochman, Matthew L., & Anthony Schwacha.** 2015. "Strand separation unravelled." *Nature* **524** (13 August): 166-167.
- Böck, August.** 2001. "Invading the Genetic Code." *Science* **292** (20 April): 453-454.
- Bock, Gregory R., Jaime A. Goode, & Kate Webb,** eds. 2000. *The Nature of Intelligence*. Novartis Foundation Symposium. Chichester, UK: John Wiley & Sons.
- Bock, Michael, Jochen Schmitt, Lars Möller, Renato Spahni, Thomas Blunier, & Hubertus Fischer.** 2010. "Hydrogen Isotopes Preclude Marine Hydrate CH₄ Emissions at the Onset of Dansgaard-Oeschger Events." *Science* **328** (25 June): 1686-1689.
- Bock, Walter J.** 1965. "The Role of Adaptive Mechanisms in the Origin of Higher Levels of Organization." *Systematic Zoology* **14** (December): 272-287.
- . "Functional and evolutionary morphology of woodpeckers." *Ostrich: Journal of African Ornithology* **70** (1): 23-31.
- . 2000. "Explanatory history of the origin of feathers." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (September): 478-485.
- Bocklandt, Sven, Steve Horvath, Eric Vilain, & Dean H. Hamer.** 2006. "Extreme skewing of X chromosome inactivation in mothers of homosexual men." *Human Genetics* **118** (February): 691-694.
- Bocquet-Appel, Jean-Pierre,** ed. 2008. *Recent Advances in Paleodemography: Data, Techniques, Patterns*. New York: Springer.
- . 2011. "When the World's Population Took Off: The Springboard of the Neolithic Demographic Transition." *Science* **333** (29 July): 560-561.
- Boddy, Jessica.** 2016. "Alien life could feed on cosmic rays." *Science* posting 7 October (online text at sciencemag.org accessed 10/8/2016).
- Bode, Hans R.** 2001. "The role of Hox genes in axial patterning in hydra." *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 621-628.
- Bode, Hans, Daniel Martinez, M. Andrew Shenk, Kerry Smith, Robert Steele, & Ulrich Technau.** 1999. "Evolution of Head Development." *The Biological Bulletin* **196** (June): 408-410.
- Bode, Stefan, Anna Hanxi He, Chun Siong Soon, Robert Trampel, Robert Turner, & John-Dylan Haynes.** 2011. "Tracking the Unconscious Generation of Free Decisions Using Ultra-High Field fMRI." *PLoS ONE* (online @ plosone.org) **6** (June): e21612.
- Bodenheimer, Peter.** 1995. "Angular momentum evolution of young stars and discs." *Annual Review of Astronomy and Astrophysics* **33**: 199-238.
- Bodmer, Rolf, & Tyamagondiu V. Venkatesh.** 1998. "Heart development in *Drosophila* and vertebrates: Conservation of molecular mechanisms." *Genesis: The Journal of Genetics and Development* (AKA *Developmental Genetics*) **22** (3): 181-186.
- Bodyl, Andrzej, Pawel Mackiewicz, & John W. Stiller.** 2007. "The intracellular cyanobacteria of *Paulinella chromatophora*: endosymbionts or organelles?" *Trends in Microbiology* **15**

- (July): 295-296.
- Bodziochi, Ada, Wojciech Kozłowski, & Anna Popławska.** 2003. "A *Cooksonia*-type flora from the Upper Silurian of the Holy Cross Mountains, Poland." *Acta Palaeontologica Polonica* **48** (4): 653-656.
- Boë, Louis-Jean, Frédéric Berthommier, Thierry Legou, Guillaume Captier, Caralyn Kemp, Thomas R. Sawallis, Yannick Becker, Arnaud Rey, & Joël Fagot.** 2017. "Evidence of a Vocalic Proto-System in the Baboon (*Papio papio*) Suggests Pre-Hominin Speech Precursors." *PLoS ONE* (online @ plosone.org) **12** (January): e0169321.
- Boeckle, Markus, & Nicola S. Clayton.** 2017. "A raven's memories are for the future." *Science* **357** (14 July): 126-127.
- Boehm, Christopher.** 2011. "Retaliatory Violence in Human Prehistory." *The British Journal of Criminology* **51** (March): 518-534.
- . 2012. "Ancestral Hierarchy and Conflict." *Science* **336** (18 May): 844-847.
- Boehm, Thomas.** 2011. "Design principles of adaptive immune systems." *Nature Reviews Immunology* **11** (May): 307-317.
- Boehm, Thomas, & Conrad C. Bleul.** 2007. "The evolutionary history of lymphoid organs." *Nature Immunology* **8** (February): 131-135.
- Boehm, Thomas, Isabell Hess, & Jeremy B. Swann.** 2012. "Evolution of lymphoid tissues." *Trends in Immunology* **33** (June): 315-321.
- Boehm, Thomas, & Jeremy B. Swann.** 2014. "Origin and Evolution of Adaptive Immunity." *Annual Review of Animal Biosciences* **2**: 259-283.
- Boehner, John A., & Steve Chabot.** 2002. "Boehner/Chabot Letter to Ohio Dept. of Education." *Discovery Institute News* 15 March posting (online text at *discovery.org* accessed 6/14/2002).
- Boehner, John A., Judd Gregg, & Rick Santorum.** 2003. 10 September letter to Bruce Chapman (online pdf at *discovery.org* accessed 2/6/2012).
- Boehnke, Patrick, & T. Mark Harrison.** 2016. "Illusory Late Heavy Bombardments." *Proceedings of the National Academy of Sciences* **113** (27 September): 10802-10806.
- Boeke, Jef D.** 2003. "The Unusual Phylogenetic Distribution of Retrotransposons: A Hypothesis." *Genome Research* **13** (September): 1975-1983.
- Boenigk, Jens, Sabina Wodniok, & Edvard Glücksman.** 2015. *Biodiversity and Earth History*. Heidelberg: Springer.
- Boerner, Martina, & Oliver Krüger.** 2008. "Why do Parasitic Cuckoos have Small Brains? Insights from Evolutionary Sequence Analysis." *Evolution* **62** (December): 3157-3169.
- Boero, Ferdinando, Bernd Schierwater, & Stefano Piraino.** 2007. "Cnidarian milestones in metazoan evolution." *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 693-700.
- Boerse, A. T. C., G.-J. A. Brummer, & J. E. Van Hinte.** 2000. "Coccolithophore export production in response to monsoonal upwelling of Somalia (northwestern Indian Ocean)." *Deep Sea Research Part II: Topical Studies in Oceanography* **47** (9-11): 2179-2205.
- Boersma, Alexandra T., Matthew R. McCurry, & Nicholas D. Pyenson.** 2017. "A new fossil dolphin *Dilophodelphis fordycei* provides insight into the evolution of supraorbital crests in Platanistoidea (Mammalia, Cetacea)." *Royal Society Open Science* **4** (May): 170022.
- Boese, Alex.** 2002. *The Museum of Hoaxes: A Collection of Pranks, Stunts, Deceptions, and Other Wonderful Stories Contrived for the Public from the Middle Ages to the New Millennium*. New York: Dutton.
- . 2006. *Hippo Eats Dwarf: A Field Guide to Hoaxes and Other B.S.* Orlando, FL: Harvest Original (Harcourt).
- Boessenecker, Robert W., Frank A. Perry, & Jonathan H. Geisler.** 2015. "Globicephaline whales from the Mio-Pliocene Purisima Formation of central California, USA." *Acta Palaeontologica Polonica* **60** (1): 113-122.
- Boets, Bart, Hans P. Op de Beeck, Maaïke Vandermosten, Sophie K. Scott, Céline R. Gillebert, Dante Mantini, Jessica Bulthé, Stefan Sunaert, Jan Wouters, & Pol Ghesquière.** 2013. "Intact But Less Accessible Phonetic Representations in Adults with

- Dyslexia.” *Science* **342** (6 December): 1251-1254.
- Boettiger, Charlotte A., Jennifer M. Mitchell, Venessa C. Tavares, Margaret Robertson, Geoff Joslyn, Mark D’Esposito, & Howard L. Fields.** 2007. “Immediate Reward Bias in Humans: Fronto-Parietal Networks and a Role for the Catechol-*O*-Methyltransferase 158^{Val/Val} Genotype.” *The Journal of Neuroscience* **27** (26 December): 14383-14391.
- Boettner, Edward A., & J. Reimer Wolter.** 1962. “Transmission of the Ocular Media.” *Investigative Ophthalmology & Visual Science* **1** (December): 776-783.
- Boffelli, Dario, Jon McAuliffe, Dmitriy Ovcharenko, Keith D. Lewis, Ivan Ovcharenko, Lior Pachter, & Edward M. Rubin.** 2003. “Phylogenetic Shadowing of Primate Sequences to Find Functional Regions of the Human Genome.” *Science* **299** (28 February): 1391-1394.
- Bogaert, Anthony F.** 2006. “Biological versus nonbiological older brothers and men’s sexual orientation.” *Proceedings of the National Academy of Sciences* **103** (11 July): 10771-10774.
- Bogard, Leonard D., & Michael W. Deem.** 1999. “A hierarchical approach to protein molecular evolution.” *Proceedings of the National Academy of Sciences* **96** (16 March): 2591-2595.
- Bogard, Donald D.** 2011. “K-Ar ages of meteorites: Clues to parent- body thermal histories.” *Chemie der Erde – Geochemistry* **71** (August): 207–226.
- Bogard, Donald D., & Daniel H. Garrison.** 1995. “³⁹Ar-⁴⁰Ar age of the Ibitira eucrite and constraints on the time of pyroxene equilibration.” *Geochimica et Cosmochimica Acta* **59** (October): 4317-4322.
- . 2003. “³⁹Ar-⁴⁰Ar ages of eucrites and thermal history of asteroid 4 Vesta.” *Meteoritics & Planetary Science* **38** (May): 669-710.
- . 2009. “Ar-Ar impact heating ages of eucrites and timing of the LHB.” *Proceedings of the Lunar and Planetary Science Conferences* **40**: abstract 1131.
- Bogard, D. D., G. J. Taylor, K. Keil, M. R. Smith, & R. A. Schmitt.** 1985. “Impact melting of the Cachari eucrite 3.0 Gy ago.” *Geochimica et Cosmochimica Acta* **49** (April): 941-946.
- Bogdanović, Ozren, Arne H. Smits, Elisa de la Calle Mustienes, Juan J. Tena, Ethan Ford, Ruth Williams, Upeka Senanayake, Matthew D. Schultz, Saartje Hontelez, Ila van Kruijsbergen, Teresa Rayon, Felix Gnerlich, Thomas Carell, Gert Jan C. Veenstra, Miguel Manzanares, Tatjana Sauka-Spengler, Joseph R. Ecker, Michiel Vermeulen, José Luis Gómez-Skarmeta, & Ryan Lister.** 2016. “Active DNA demethylation at enhancers during the vertebrate phylotypic stage.” *Nature Genetics* **48** (April): 417-426.
- Bogdanowicz, Wieslaw, Marie Allen, Wojciech Branicki, Maria Lembring, Marta Gajewska, & Tomasz Kupiec.** 2009. “Genetic identification of putative remains of the famous astronomer Nicolaus Copernicus.” *Proceedings of the National Academy of Sciences* **106** (28 July): 12279-12282.
- Bögels, Sara, Lilla Magyari, & Stephen C. Levison.** 2015. “Neural signatures of response planning occur midway through an incoming question in conversation.” *Scientific Reports* (online @ www.nature.com/srep/) **5** (5 August): 12881.
- Boggioni, Tom.** 2015a. “Christian radio host explains weather: Gays and Hollywood witchcraft cause California’s drought.” *The Raw Story* 20 March posting (online text at www.rawstory.com accessed 3/21/2015).
- . 2015b. “‘We don’t need science!’: Chemtrail truthers badger GOP congressman at rowdy public meeting.” *The Raw Story* 24 April posting (online text at www.rawstory.com accessed 4/24/2015).
- . 2015c. “Georgia principal blames Satan for racist graduation rant as son blames ‘n*****s’ in Facebook tirade.” *The Raw Story* 11 May posting (online text at www.rawstory.com accessed 5/11/2015).
- . 2015d. “Homeschool mom who debunked evolution visits Ken Ham’s creationism museum: ‘It’s pretty convincing’.” *The Raw Story* 23 May posting (online text at www.rawstory.com accessed 6/1/2015).
- . 2015e. “Homeschool mom rips Charles Darwin: ‘If he were any kind of good scientist, he would start over again’.” *The Raw Story* 1 June posting (online text at www.rawstory.com

- accessed 6/1/2015).
- . 2015f. “Ted Cruz instructs thousands of pastors to violate federal law by reading Sunday sermon he wrote.” *The Raw Story* 29 August posting (online text at www.rawstory.com accessed 8/30/2015).
- . 2015g. “Sheriff investigating Oregon massacre posted Sandy Hook truther video on Facebook.” *The Raw Story* 2 October posting (online text at www.rawstory.com accessed 10/5/2015).
- . 2015h. “John Oliver rips politicians who use fake ‘founding father’ quotes—and it’s hilarious.” *The Raw Story* 19 October posting (online text at www.rawstory.com accessed 10/19/2015).
- . 2015i. “Sam Harris: I’d vote for ‘dangerously deluded religious imbecile’ Ben Carson over Noam Chomsky.” *The Raw Story* 24 November posting (online text at www.rawstory.com accessed 11/24/2015).
- . 2015j. “Zombie nativity scene draws \$500 a day fine from town as Christian protestors descend.” *The Raw Story* 7 December posting (online text at www.rawstory.com accessed 12/7/2015).
- . 2016a. “WATCH: ‘Duck Dynasty’ star goes on crazed 13-minute Bible-thumping rant at Ted Cruz rally.” *The Raw Story* 19 February posting (online text at www.rawstory.com accessed 2/19/2016).
- . 2016b. “Texas man’s discovery of Noah’s flood fossils in front yard ‘confirmed’ sight-unseen by biblical scholar.” *The Raw Story* 18 March posting (online text at www.rawstory.com accessed 3/18/2016).
- Boghossian, Peter.** 2013. “Think: What would make you into a believer?” *Freethought Today* 30 (January/February): 12-13.
- Boghossian, Peter, & James Lindsay.** 2017. “The Conceptual Penis as a Gender Construct: A Sokal-Style Hoax on Gender Studies.” *Skeptic* 19 May posting (online text at www.skeptic.com accessed 5/26/2017).
- Boguchwal, Lawrence A., & John B. Southard.** 1990. “Bed configurations in steady unidirectional water flows. Part 1. Scale model study using fine sand.” *Journal of Sedimentary Research* 60 (September): 649-657.
- Bogue, Scott W., & Robert S. Coe.** 1984. “Transitional paleointensities from Kauai, Hawaii, and geomagnetic reversal models.” *Journal of Geophysical Research* 89 (10 November): 10341-10354.
- Bogue, Scott W., & Jonathan M. G. Glen.** 2010. “Very rapid geomagnetic field change recorded by the partial remagnetization of a lava flow.” *Geophysical Research Letters* 37 (November): L21308.
- Bogumil, David, David Alvarez-Ponce, Giddy Landan, James O. McInerney, & Tai Dagan.** 2014. “Integration of Two Ancestral Chaperone Systems into One: The Evolution of Eukaryotic Molecular Chaperones in Light of Eukaryogenesis.” *Molecular Biology and Evolution* 31 (February): 410-418.
- Bogursky, Sasha.** 2014. “Message decoded, again: 3,000-year-old text may prove biblical tale of King Solomon.” *Fox News* posting 27 January: online text accessed 2/6/2014 (foxnews.com).
- Bogus, Carl T.** 1998. “The Hidden History of the Second Amendment.” University of California (Davis) *UC Davis Law Review* 31 (Winter): 309-408.
- Boguski, Mark S.** 2002. “The mouse that roared.” *Nature* 420 (5 December): 515-516.
- Bohacek, Johannes, Katharina Gapp, Bechara J. Saab, & Isabelle M. Mansuy.** 2013. “Transgenerational Epigenetic Effects on Brain Functions.” *Biological Psychiatry* 73 (15 February): 313-320.
- Bohannon, Jim.** 2000. *America in Crisis: Making Things Right in a Nation Gone Wrong*. New Orleans, LA: Paper Chase Press.
- Bohannon, John.** 2006. “Mad About Pyramids.” *Science* 313 (22 September): 1718-1720.
- . 2010a. “Killer Bots Are Getting Human.” *Science* 330 (1 October): 30-31.
- . 2010b. “Early Dates For Diepkloof.” *Science* 330 (26 November): 1174-1175.

- . 2011. “Searching for the Google Effect on People’s Memory.” *Science* **333** (15 July): 277.
- . 2013a. “Turkish Protests Roil Academia.” *ScienceInsider* posting 14 June (online text at *sciencemag.org* accessed 7/12/2013).
- . 2013b. “Turkish Scientists See New Evidence of Government’s Anti-Evolution Bias.” *ScienceInsider* posting 5 July (online text at *sciencemag.org* accessed 7/12/2013).
- . 2013c. “Grim Day for Turkish Science as Six Academics Get Long Prison Terms.” *Science* **341** (9 August): 603-604.
- . 2012d. “CAPTCHA Busted? AI Company Claims to Have Broken the Internet’s Favorite Protection System.” *ScienceNOW* posting 28 October (online text at *sciencemag.org* accessed 12/11/2013).
- . 2014a. “Replication effort provokes praise—and ‘bullying’ charges.” *Science* **344** (23 May): 788-789.
- . 2014b. “A challenge to pseudoscience.” *Science* **345** (4 July): 16.
- . 2015a. “Hoax-detecting software spots fake papers.” *Science* **348** (3 April): 18-19.
- . 2015b. “I Fooled Millions Into Thinking Chocolate Helps Weight Loss, Here’s How.” *io9* 27 May posting (online text at *www.io9.com* accessed 5/29/2015).
- . 2015c. “Torture report prompts APA apology.” *Science* **349** (17 July): 221-222.
- . 2015d. “Many psychological papers fail replication test.” *Science* **349** (28 August): 910-911.
- . 2016a. “Ironic coda to fraudulent study of bias.” *Science* **352** (8 April): 131-132.
- . 2016b. “After failed coup, Turkey’s academics feel regime’s wrath.” *Science* **353** (29 July): 436.
- . 2016c. “Mission possible: Rewriting the genetic code.” *Science* **353** (19 August): 739.
- Bohannon, Johannes, Diana Koch, Peter Himm, & Alexander Driehaus.** 2015. “Chocolate with high Cocoa content as a weight-loss accelerator.” *International Archives of Medicine* **8** (55): 1654.
- Bohgaki, Miyuki, Toshiyuki Bohgaki, Sameh El Ghamrasni, Tharan Srikumar, Georges Maire, Stephanie Panier, Amélie Fradet-Turcotte, Grant S. Stewart, Brian Raught, Anne Hakem, & Razqallah Hakem.** 2013. “RNF168 ubiquitylates 53BP1 and controls its response to DNA double-strand breaks.” *Proceedings of the National Academy of Sciences* **110** (24 December): 20982-20987.
- Bohlin, Ray.** 1992. “Darwin on Trial.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1993a. “The Five Crises in Evolutionary Theory.” *Probe Ministries* posting (online text at *www.probe.org* accessed 1/25/2011).
- . 1993b. “The Grand Canyon and the Age of the Earth.” Leadership U. *Origins* posting updated 14 December 2002 (online text at *origins.org* accessed 11/25/2009).
- . 1993c. “Sociobiology: Evolution, Genes and Morality.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1994a. “Human Fossils.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1994b. “The Natural Limits to Biological Change.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1996. “Evolution’s Big Bang.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1997. “Darwin’s Black Box.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1998. “Contact: A Eulogy to Carl Sagan.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).
- . 1999. “Why Does the University Fear Phillip Johnson?” *Probe Ministries* posting (online text at *www.probe.org* accessed 7/14/2003).
- . 2000a. “Darwinism Takes a Step Back in Kansas.” *Probe Ministries* posting (online text at *www.probe.org* accessed 9/19/2010).

- . 2000b. “The Coming Revolution in Science.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2001. “Icons of Evolution.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2002a. “PBS Evolution Series.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2002b. “Are We Alone in the Universe?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2003. “The Controversy over Evolution in Biology Textbooks.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2005a. “The Impotence of Darwinism.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2005b. “Dr. Ray Bohlin Responds to Attacks on Intelligent Design.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2005c. “Mere Creation: Science, Faith and Intelligent Design.” *Probe Ministries* 27 May posting (online text at www.probe.org accessed 10/22/2014).
- . 2006. “Is Intelligent Design Dead?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2007. “Redeeming Darwin: The Intelligent Design Controversy.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2009a. “Limits to Evolvability.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/25/2013).
- . 2009b. “Darwin Day.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2009c. “Was Darwin a Racist?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- Bohlin, Raymond G., & Thomas L. Beiting.** 1979. “Heat exchange in the aquatic salamander *Amphiuma means*.” *Journal of Thermal Biology* **4** (January): 63-67.
- Bohlin, Ray, & Sue Bohlin.** 1993. “How to Talk to Your Kids About Evolution and Creation.” *Probe Ministries* posting (online text at www.probe.org accessed 1/25/2011).
- Bohlin, Ray, & Howard Glicksman.** 2017. “Our Irreducibly Complex Calcium Control System.” *ID The Future* 26 July podcast posting (online audio at www.discovery.org accessed 7/26/2017).
- Bohlin, Ray, & Richard Milne.** 1998. “Christian Views of Science and Earth History.” *Probe Ministries* posting (online text at www.probe.org accessed 1/25/2011).
- Bohlin, Raymond G., & Earl G. Zimmerman.** 1982. “Genic Differentiation of Two Chromosome Races of the *Geomys bursarius* Complex.” *Journal of Mammalogy* **63** (May): 218-228.
- Böhm, E., J. Lippold, M. Gutjahr, M. Frank, P. Blaser, B. Antz, J. Fohlmeister, N. Frank, M. B. Andersen, & M. Deininger.** 2015. “Strong and deep Atlantic meridional overturning circulation during the last glacial cycle.” *Nature* **517** (1 January): 73-76.
- Böhme, Madelaine.** 2001. “The oldest representative of a brown frog (Ranidae) from the Early Miocene of Germany.” *Acta Palaeontologica Polonica* **46** (1): 119-124.
- Böhme, Madelaine, Nikolai Spassov, Martin Ebner, Denis Geraads, Latinka Hristova, Uwe Kirscher, Sabine Kötter, Ulf Linnemann, Jérôme Prieto, Socrates Roussiakis, George Theodorou, Gregor Uhlig, & Michael Winklhofer.** 2017. “Messianian age and savannah environment of the possible hominin *Graecopithecus* from Europe.” *PLoS ONE* (online @ plosone.org) **12** (May): e0177347.
- Böhmer, Christine, Oliver W. M. Rauhut, & Gert Wörheide.** 2015. “Correlation between *Hox* code and vertebral morphology in archosaurs.” *Proceedings of the Royal Society of London B* (Biological Sciences) **282** (7 July): 20150077.
- Bohne, Alexandra-Viola, Stephanie Ruf, Thomas Börner, & Ralph Bock.** 2007. “Faithful transcription initiation from a mitochondrial promoter in transgenic plastids.” *Nucleic Acids*

- Research* **35** (December #21): 7256-7266.
- Boillot, F., A. Chabin, C. Buré, M. Venet, A. Belsky, M. Bertrand-Urbaniak, A. Delmas, A. Brack, & B. Barbier.** 2002. “The Perseus Exobiology Mission on MIR: Behaviour of Amino Acids and Peptides in Earth Orbit.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (August): 359-385.
- Boistel, Renaud, Thierry Aubin, Peter Cloetens, François Peyrin, Thierry Scotti, Phillippe Herzog, Justin Gerlach, Nicolas Pollet, & Jean-François Aubry.** 2013. “How minute sooglossid frogs hear without a middle ear.” *Proceedings of the National Academy of Sciences* **110** (17 September): 15360-15364.
- Boisvert, Catherine A.** 2005. “The pelvic fin and girdle of *Panderichthys* and the origin of tetrapod locomotion.” *Nature* **438** (22 December): 1145-1147.
- Boisvert, Catherine A., Elga Mark-Kurik, & Per E. Ahlberg.** 2008. “The pectoral fin of *Panderichthys* and the origin of digits.” *Nature* **456** (4 December): 636-638.
- Boivin, Pierre, Pascal Barbet, Odile Boeuf, Bertrand Devouard, Jean-Claude Besson, Jean-Marc Hénot, Jean-Luc Devidal, Christophe Constantin, & Laurent Charles.** 2010. “Geological setting of the lower Pleistocene fossil deposits of Chilhac (Haute-Loire, France).” *Quaternary International* **223-224** (1 September): 107-115.
- Bok, Hilary.** 2012. “Want to Understand Free Will? Don’t Look to Neuroscience.” *The Chronicle of Higher Education* posting 18 March: online text accessed 6/8/2014 (chronicle.com).
- Bok, Jinwoong, Weise Chang, & Doris K. Wu.** 2007. “Patterning and morphogenesis of the vertebrate inner ear.” *International Journal of Developmental Biology* **51** (6/7): 521-533.
- Bok, Jinwoong, Steven Raft, Kyoung-Ah Kong, Soo Kyung Koo, Ursula C. Dräger, & Doris K. Wu.** 2011. “Transient retinoic acid signaling confers anterior-posterior polarity to the inner ear.” *Proceedings of the National Academy of Sciences* **108** (4 January): 161-166.
- Bokma, Folmer.** 2008. “Detection of ‘Punctuated Equilibrium’ by Bayesian Estimation of Speciation and Extinction Rates, Ancestral Character States, and Rates of Anagenetic and Cladogenetic Evolution on a Molecular Phylogeny.” *Evolution* **62** (November): 2718-2726.
- Bokovoy, Dennis B.** 2005. “The Mystery of the Megaflood: A Review of the NOVA TV Program on the Glacial Lake Missoula Flood, PBS Television, United States—Aired the Week of September 19, 2005.” *Answers in Genesis* article for 28 September (online text at www.answersingenesis.org accessed 2/23/2014).
- Boksa, Patricia.** 2009. “On the neurobiology of hallucinations.” *Journal of Psychiatry & Neuroscience* **34** (July): 260-262.
- Bola, Łukasz, Maria Zimmermann, Piotr Mostowski, Katarzyna Jenoróg, Artyr Marchewka, Paweł Rutkowski, & Marcin Szwed.** 2017. “Task-specific reorganization of the auditory cortex in deaf humans.” *Proceedings of the National Academy of Sciences* **114** (24 January): E600-E609.
- Boland, Barbara.** 2014. “Planned Parenthood Got \$540.6 Million in Government Grants in FY 2013.” Cybercast (formerly Conservative) New Service *CNSnews* 14 January posting (online text at cnsnews.com accessed 4/13/2015).
- Boldajipour, Bijan, Maria Doitsidou, Katsiaryna Tarbashevich, Cedric Laguri, Shuizi Rachel Yu, Jonas Ries, Karin Dumstrei, Sylvia Thelen, Julia Dörries, Esther-Maria Messerschmidt, Marcus Thelen, Petra Schwillie, Michael Brand, Hugues Lortat-Jacob, & Erez Raz.** 2011. “Cxcl12 evolution—subfunctionalization of ligand through altered interaction with chemokine receptor.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **138** (15 July): 2909-2914.
- Boldrini, Roberto, Maria Rita Palombo, Paolo Iacumin, & Rita Teresa Melis.** 2010. “The Middle Pleistocene fossiliferous sequence of Grotta dei Fiori (Sardinia, Italy): multidisciplinary analysis.” *Bollettino della Società Paleontologica Italiana* **49** (2): 123-134.
- Boldt, Yvonne R., Michael J. Sadowsky, Lynda B. M. Ellis, Lawrence Que Jr., & Lawrence P. Wackett.** 1995. “A Manganese-Dependent Dioxygenase from *Arthrobacter globiformis* CM-2 Belongs to the Major Extradiol Dioxygenase Family.” *Journal of Bacteriology* **177**

- (March, No. 7): 1225-1232.
- Bolduc, David P.** 2017. Collier County, Florida 9 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Boles, Blaise R., & Linda L. McCarter.** 2000. "Insertional Inactivation of Genes Encoding Components of the Sodium-Type Flagellar Motor and Switch of *Vibrio parahaemolyticus*." *Journal of Bacteriology* **182** (February, No. 4): 1035-1045.
- Bolfan-Casanova, N.** 2005. "Water in the Earth's mantle." *Mineralogical Magazine* **69** (June): 229-257.
- Bolhuis, Albert, Emmo Koetje, Jean-Yves Dubois, Jari Vehmaanper, Gerard Venema, Sierd Bron, & Jan Maarten van Dijl.** 2000. "Did the Mitochondrial Processing Peptidase Evolve from a Eubacterial Regulator of Gene Expression?" *Molecular Biology and Evolution* **17** (January): 198-201.
- Bolhuis, Johan J., Ian Tattersall, Noam Chomsky, & Robert C. Berwick.** 2014. "How Could Language Have Evolved?" *PLoS Biology* (online @ plosbiology.org) **12** (August): e1001934.
- Bolhuis, Johan J., & Clive D. L. Wynne.** 2009. "Can evolution explain how minds work?" *Nature* **458** (16 April): 832-833.
- Bolik, Sarah, Michael Rübhausen, Stephan Binder, Benjamin Schulz, Markus Perbandt, Nicolay Genov, Volker Erdmann, Sven Klussmann, & Christian Betzel.** 2007. "First experimental evidence for the preferential stabilization of the natural D- over the nonnatural L- configuration in nucleic acids." *RNA* **13** (November): 1877-1880.
- Bolker, Jessica A.** 2000. "Modularity in development and why it matters to Evo-Devo." *Integrative and Comparative Biology (AKA American Zoologist)* **40** (November): 770-776.
- Bollasina, Massimo A., Yi Ming, & V. Ramaswamy.** 2011. "Anthropogenic Aerosols and the Weakening of the South Asian Summer Monsoon." *Science* **334** (28 October): 502-505.
- Bollenbach, Tobias, Kalin Vetsigian, & Roy Kishony.** 2007. "Evolution and multilevel optimization of the genetic code." *Genome Research* **17** (April): 401-404.
- Bolles, Edmund Blair.** 1999. *The Ice Finders: How a Poet, a Professor, and a Politician Discovered the Ice Age*. Washington, D.C.: Counterpoint.
- Bollinger, R. Randal, Andrew S. Barbas, Errol L. Bush, Shu S. Lin, & William Parker.** 2007. "Biofilms in the Large Bowel Suggest An Apparent Function of the Human Vermiform Appendix." *Journal of Theoretical Biology* **249** (21 December): 826-831.
- Bollongino, Ruth, Olaf Nehlich, Michael P. Richards, Jörg Orschiedt, Mark G. Thomas, Christian Sell, Zuzana Fajkošová, Adam Powell, & Joachim Burger.** 2013. "2000 Years of Parallel Societies in Stone Age Central Europe." *Science* **342** (25 October): 479-481.
- Bolnick, Daniel I.** 2011. "Sympatric Speciation in Threespine Stickleback: Why Not?" *International Journal of Ecology* **2011**: 942847.
- Bolnick, Daniel I., & Benjamin M. Fitzpatrick.** 2007. "Sympatric Speciation: Models and Empirical Evidence." *Annual Review of Ecology and Systematics* **38**: 459-487.
- Bolnick, Daniel, David Hillis, Sahotra Sarkar, Dick Richardson, Hans Hofmann, Kirk Winemiller, Eric Pianka, Ken Whitney, Michael Singer, Darryl de Ruiter, Bill Murphy, Volker Rudolf, Anja Schulze, Sharon Gursky, Thom DeWitt, Jennifer Rudgers, David Queller, Gil Rosenthal, Fran Gelwick, Christopher Marshall, Jose Panero, Bradford Wilcox, Martin Terry, Caitlin Gabor, Yousif Shamoo, Susan Schwinning, Mathew Leibold, Amy Dunham, Dean Hendrickson, Elizabeth Erhart, Kerrie Lewis, Claud Bramblett, Jim Woolley, Michelle Hamilton, Michael Huston, Christine Hawkes, Richard Gomer, Andrew Aspbury, Molly Cummings, Daniel Wagner, Ronald Parry, Ira Greenbaum, Robert Edwards, David Crews, Tom Juenger, Beryl Simpson, Mike Ryan, Randy Linder, Ryan King, Michael Stern, Liza Shapiro, Tony Frankino, Ricardo Azevedo, Richard Strauss, Steve Pennings, Diane Wiernasz, Blaine Cole, Tom Walker, James Grover, Owen Lind, Lee Hughes, Brad Keele, Rebecca Dickstein, Pamela Padilla, Robert Baldrige, Mark McGinley, Joseph White, Darrel Vodopich, David Cannatella, Andy Ellington, Terry Maxwell, Basset Maguire, Jill Nugent, Nathan Collie, Deborah Carr, Jim Carr, Gad Perry, Frederick**

- Gehlbach, Bryan Brooks, Ernest Lundelius, Denné Reed, Larry Gilbert, Garland Upchurch, Rasika Harshey, Makkuni Jayaram, Richard Aldrich, Jackie Dudley, Harold Zakon, John Sisson, Chris Nice, Andrew Gore, Alan Lloyd, Edward Marcotte, Arturo De Lozanne, Tanya Paull, Jeff Gross, Tigga Kingston, Robert Krug, Kenneth Kohnson, Jon Robertus, JoAnn Hunter Johnson, Paul Szaniszló, Arlen Johnson, Nigel Atkinson, Vichy Iyer, Dave Stein, Clarence Chan, & Claus Wilke. 2007. "Letter from Texas University Biology Professors Defending Biological Evolution as a Central Pillar of Modern Science Education." *Texas Citizens for Science* 10 December posting (online text at *texscience.org* accessed 12/13/2007).
- Bolnick, Daniel I., & William E. Stutz.** 2017. "Frequency dependence limits divergent evolution by favouring rare immigrants over residents." *Nature* **546** (8 June): 285-288.
- Bolon, Daniel N., & Stephen L. Mayo.** 2001. "Enzyme-like proteins by computational design." *Proceedings of the National Academy of Sciences* **98** (4 December): 14274-14279.
- Bolstad, Geir H., Jason A. Cassara, Eladio Márquez, Thomas F. Hansen, Kim van der Linde, David Houle, & Christophe Pélabon.** 2015. "Complex constraints on allometry revealed by artificial selection on the wing of *Drosophila melanogaster*." *Proceedings of the National Academy of Sciences* **112** (27 October): 13284-13289.
- Bolt, Edward L., & Stephane Delmas.** 2009. "Archaea: a microbial cockatrice." *Microbiology Today* **36** (May): 88-90.
- Bolt, John R., & R. Eric Lombard.** 1985. "Evolution of the amphibian tympanic ear and the origin of frogs." *Biological Journal of the Linnean Society* **24** (January): 83-89.
- Bolt, John R., & Olivier Rieppel.** 2009. "The Holotype Skull of *Listrofnus pricei* Carroll and Gaskill, 1978 (Microsauria: Hapsidopareiontidae)." *Journal of Paleontology* **83** (May): 471-483.
- Bolton, Brian.** 2013. "Ten truths about Easter." *Freethought Today* **30** (March): 15.
- Bolton, Clara T., & Heather M. Stoll.** 2013. "Late Miocene threshold response of marine algae to carbon dioxide limitation." *Nature* **500** (29 August): 558-562.
- Boly, Mélanie, Marta Isabel Garrido, Olivia Gosseries, Marie-Aurélié Bruno, Pierre Boveroux, Caroline Schnakers, Marcello Massimini, Vladimir Litvak, Steven Laureys, & Karl Friston.** 2011a. "Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State." *Science* **332** (13 May): 858-862.
- . 2011b. "Response to Comment on 'Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State'." *Science* **334** (2 December): 1203.
- Boly, Mélanie, Vincent Perlbarg, Guillaume Marrelee, Manuel Schabus, Steven Laureys, Julien Doyon, Mélanie Péligrini-Issac, Pierre Maquet, & Habib Benali.** 2012. "Hierarchical clustering of brain activity during human nonrapid eye movement sleep." *Proceedings of the National Academy of Sciences* **109** (10 April): 5856-5861.
- Bomfleur, Benjamin, Hans Kerp, Thomas N. Taylor, Øjvind Moestrup, & Edith L. Taylor.** 2012. "Triassic leech cocoon from Antarctica contains fossil bell animal." *Proceedings of the National Academy of Sciences* **109** (18 December): 20971-20974.
- Bomfleur, Benjamin, Stephen McLoughlin, & Vivi Vajda.** 2014. "Fossilized Nuclei and Chromosomes Reveal 180 Million Years of Genomic Stasis in Royal Ferns." *Science* **343** (21 March): 1376-1377.
- Bomphrey, Richard James, Graham K. Taylor, & Adrian L. R. Thomas.** 2009. "Smoke visualization of free-flying bumblebees indicates independent leading-edge vortices on each wing pair." *Experiments in Fluids* **46** (May): 811-821.
- Bonabeau, Eric, & Guy Théraulaz.** 2000. "Swarm Smarts." *Scientific American* **282** (March): 72-79.
- Bonacum, James, Patrick M. O'Grady, Michael Kambysellis, & Rob DeSalle.** 2005. "Phylogeny and age of diversification of the *planitibia* species group of the Hawaiian *Drosophila*." *Molecular Phylogenetics and Evolution* **37** (October): 73-82.
- Bonanno, Jeffrey B., Carme Edo, Narayanan Eswar, Ursula Pieper, Michael J. Romanowski, Valentin Ilyin, Sue Ellen Gerchman, Helen Kycia, F. William Studier, Andrej Sali, & Stephen K. Burley.** 2001. "Structural genomics of enzymes involved in sterol/isoprenoid

- biosynthesis.” *Proceedings of the National Academy of Sciences* **98** (6 November): 12896-12901.
- Bonaparte, Jose.** 2008. “On the phylogenetic relationships of *Vincelestes neuquenianus*.” *Historical Biology* **20** (April): 81-86.
- Bonaparte, José, Agustín G. Martinelli, & Cesar L. Schultz.** 2005. “New information on *Brasilodon* and *Brasilitherium* (Cynodontia, Probainognathia) from the Late Triassic of southern Brazil.” *Revista Brasileira de Paleontologia* **8** (January/April): 25-46.
- Bonasio, Roberto, Shengjiang Tu, & Danny Reinberg.** 2010. “Molecular Signals of Epigenetic States.” *Science* **330** (29 October): 612-616.
- Bonasio, Roberto, Guojie Zhang, Chaoyang Ye, Navdeep S. Mutti, Xiaodong Fang, Nan Qin, Greg Donahue, Pengcheng Yang, Qiye Li, Cal Li, Pei Zhang, Zhiyong Huang, Shelley L. Berger, Danny Reinberg, Jun Weng, & Jürgen Liebig.** 2010. “Genomic comparisons of the Ants *Camponotus floridanus* and *Harpegnathos saltator*.” *Science* **329** (27 August): 1068-1071.
- Bonatti, Enrico, Paolo Colantoni, Bruno Della Vedova, & Marco Taviani.** 1984. “Geology of the Red Sea transitional region (22 N-25 N).” *Oceanologica Acta* **7** (4): 385-398.
- Bonavoglia, Angela.** 2014. “Debating Death: Is It Really the End?” *Religion Dispatches* 14 May (online text at religiondispatches.org accessed 5/16/2014).
- Boncristiano, Sonia, Michael E. Calhoun, Peter H. Kelly, Michelle Pfeifer, Luca Bondolfi, Martina Stalder, Amie L. Phinney, Dorothee Abramowski, Christine Sturchler-Pierrat, Albert Enz, Bernd Sommer, Matthias Staufenbiel, & Mathias Jucker.** 2002. “Cholinergic Changes in the APP23 Transgenic Mouse Model of Cerebral Amyloidosis.” *The Journal of Neuroscience* **22** (15 April): 3234-3243.
- Bond, Alan, & Mark Hemsell.** 2008. *A Sumerian Observation of the Köfels' Impact Event*. Writers Print Shop.
- Bond, Gerard, William Showers, Maziet Cheseby, Rusty Lotti, Peter Almasi, Peter deMenocal, Paul Priore, Heidi Cullen, Irka Hajdas, & Georges Bonani.** 1997. “A Pervasive Millennial-Scale Cycle in North Atlantic Holocene and Glacial Climates.” *Science* **278** (14 November): 1257-1266.
- Bond, Jason E., Nicole L. Garrison, Chris A. Hamilton, Rebecca L. Godwin, Marshall Hedin, & Ingi Agnarsson.** 2014. “Phylogenomics Resolves a Spider Backbone Phylogeny and Rejects a Prevailing Paradigm for Orb Web Evolution.” *Current Biology* **24** (4 August): 1765-1771.
- Bond, Mariano, Marcelo F. Tejedor, Kenneth E. Campbell Jr., Laura Chornogubsky, Nelson Novo, & Francisco Goin.** 2015. “Eocene primates of South America and the African origins of New World monkeys.” *Nature* **520** (23 April): 538-541.
- Bondar, Carin.** 2012. “An Evolution Animation Unlike Any You’ve Seen Before....” *PsiVid* blog for 29 February (online text at blogs.scientificamerican.com accessed 7/17/2015).
- Bonde, Niels.** 1977. “Cladistic Classification as Applied to Vertebrates,” in Hecht *et al.* (1977, 741-804).
- Bondel, Cécile, Gildas Merceron, Likius Andossa, Mackaye Hassane Taisso, Patrick Vignaud, & Michel Brunet.** 2010. “Dental mesowear analysis of the late Miocene Bovidae from Toros-Menalla (Chad) and early hominid habitats in Central Africa.” *Palaogeography, Palaeoclimatology, Palaeoecology* **292** (1 June): 184-191.
- Bone, Roger, Joy L. Silen, & David A. Agard.** 1989. “Structural plasticity broadens the specificity of an engineered protease.” *Nature* **339** (18 May): 191-195.
- Bonett, Ronald M., Paul T. Chippindale, Paul E. Moler, R. Wayne Van Devender, & David B. Wake.** 2009. “Evolution of Gigantism in Amphiumid Salamanders.” *PLoS ONE* (online @ plosone.org) **4** (May): e5615.
- Bongaarts, John.** 2002. “Population: Ignoring Its Impact.” *Scientific American* **286** (January): 67-69.
- Bongard, Josh.** 2011. “Morphological change in machines accelerates the evolution of robust behavior.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1234-1239.
- Bongard, Josh, & Hod Lipson.** 2007. “Automated reverse engineering of nonlinear dynamical

- systems.” *Proceedings of the National Academy of Sciences* **104** (12 June): 9943-9948.
- Bongard, Sylvia, & Andreas Nieder.** 2010. “Basic mathematical rules are encoded by primate prefrontal cortex neurons.” *Proceedings of the National Academy of Sciences* **107** (2 February): 2277-2282.
- Bongso, A., & P. K. Basrur.** 1976. “Chromosome anomalies in Canadian Guernsey bulls.” *The Cornell Veterinarian* **66** (4): 476-489.
- Bonham, Caleb.** 2014. “Professor bans students from thanking God in graduation statements.” *Campus Reform* 5 May posting (online text at campusreform.org accessed 5/16/2014).
- Boni, Maria, & G. C. Amstutz.** 1982. “The Permo-Triassic Paleokarst Ores of Southwest Sardinia (Iglesiente-Sulcis). An Attempt at a Reconstruction of Paleokarst Conditions.” *Special Publication of the Society for Geology Applied to Mineral Deposits (Ore Genesis: The State of the Art)* **2**: 73-82.
- Boni, M., A. H. Rankin, & M. Salvadori.** 1990. “Fluid inclusion evidence for the development of Zn-Pb-Cu-F skarn mineralization in SW Sardinia, Italy.” *Mineralogical Magazine* **54** (June): 279-287.
- Bonifield, Heather R., Shigeru Yamaguchi, & Kelly T. Hughes.** 2000. “The Flagellar Hook Protein, FlgE, of *Salmonella enterica* Serovar Typhimurium Is Posttranslationally Regulated in Response to the Stage of Flagellar Assembly.” *Journal of Bacteriology* **182** (July, No. 14): 4044-4050.
- Bonjean, Dominique, Yves Vanbrabant, Gregory Abrams, Stephane Pirson, Christian Burlet, Kevin Di Modica, Marcel Otte, Jacqueline Vander Auwera, Mark Golitko, Rhy McMillan, & Eric Goemaere.** 2015. “A new Cambrian black pigment used during the late Middle Palaeolithic discovered at Scladina Cave (Andenne, Belgium).” *Journal of Archaeological Science* **55** (March): 253-265.
- Bonmati, Alejandro, Asier Gómez-Olivencia, Juan-Luis Arsuaga, José Miguel Carretero, Ana Gracia, Ignacio Martínez, Carlos Lorenzo, José María Bértudez de Castro, & Eudald Carbonell.** 2010. “Middle Pleistocene lower back and pelvis from an aged human individual from the Sima de los Huesos site, Spain.” *Proceedings of the National Academy of Sciences* **107** (26 October): 18386-18391.
- Bonnal, Sophie, & Juan Valcárcel.** 2013. “RNAatomy of the Spliceosome’s heart.” *The EMBO Journal* **32** (30 October): 2785-2787.
- Bonnan, Matthew F.** 2012. “Penis worms, anuses, and evolution.” *The Evolving Paleontologist* 2 November posting (online text at matthewbonnan.wordpress.com accessed 1/26/2013).
- Bonnefon, Jean-François, Azim Shariff, & Iyad Rahwan.** 2016. “The social dilemma of autonomous vehicles.” *Science* **352** (24 June): 1573-1576.
- Bonnefond, Luc, Taiga Arai, Yuriko Sakaguchi, Tsutomu Suzuki, Rynichiro Ishitani, & Osamu Nureki.** 2011. “Structural basis for nonribosomal peptide synthesis by an aminoacyl-tRNA synthetase paralog.” *Proceedings of the National Academy of Sciences* **108** (8 March): 3912-3917.
- Bonner, William A.** 1999a. “Enantioselective Autocatalysis. V. The Spontaneous Resolution of Tri-o-Thymotide.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **29** (May): 317-328.
- . 1999b. “Chirality Amplification—The Accumulation Principle Revisited.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **29** (December): 615-624.
- Bonner, William A., J. Mayo Greenberg, & Edward Rubenstein.** 1999. “The Extraterrestrial Origin of the Homochirality of Biomolecules—Rebuttal to a Critique.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **29** (March): 215-219.
- Bonner, William A., Edward Rubenstein, & George S. Brown.** 1999. “Extraterrestrial Handedness: A Reply.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **29** (May): 329-332.
- Bonnet, Jerome, Pakpoom Subsoontorn, & Drew Endy.** 2012. “Rewritable digital data storage in live cells via engineering control of recombination directionality.” *Proceedings of the National Academy of Sciences* **109** (5 June): 8884-8889.
- Bonnet, Xavier, Guy Naulleau, Don Bradshaw, & Richard Shine.** 2001. “Changes in Plasma

- Progesterone in Relation to Vitellogenesis and Gestation in the Viviparous Snake *Vipera aspis*.” *General and Comparative Endocrinology* **121** (January): 84-94.
- Bonnette, Dennis.** 2014. “Did Adam and Eve Really Exist?” *Crisis* 24 November posting: online text accessed 12/21/2014 (*crisismagazine.com*).
- Bonney, Doug, & Heather L. Weaver.** 2013. “Creation Truth Foundation Mandatory Assemblies at Hugoton Public Schools.” *ACLU of Kansas & Western Missouri* 19 April letter posting (online pdf at *aclukswmo.org* accessed 8/4/2013).
- Bontemps, Johnny.** 2015. “Potential Signs of Ancient Life in Mars Rover Photos.” *Astrobiology Magazine* 5 January posting (online text at *www.astrobio.net* accessed 9/30/2015).
- Bontognali, Tomaso R. R., Alex L. Sessions, Abigail C. Allwood, Woodward W. Fischer, John P. Grotzinger, Roger E. Summons, & John M. Eiler.** 2012. “Sulfur isotopes of organic matter preserved in 3.45-billion-year-old stromatolites reveal microbial metabolism.” *Proceedings of the National Academy of Sciences* **109** (18 September): 15146-15151.
- Bontrager, Krista Kay.** 1999. “A Brief Response to the Kansas Board of Education Decision.” *Reasons to Believe* September posting (online text at *www.reasons.org* accessed 3/30/2001).
- . 2006. “Curriculum Review: Christian Schools International (K-8).” *Reasons to Believe* posting 2 April (online text at *www.reasons.org* accessed 3/30/2013).
- . 2011a. “Jay Wile on Ken Ham.” *Old-Earth Creation Homeschool* 28 March posting (online text at *oldearthcreationism.blogspot.com* accessed 3/30/2013).
- . 2011b. “Explore Evolution: A High School Textbook Review.” *Reasons to Believe* posting 1 November (online text at *www.reasons.org* accessed 8/30/2016).
- Boogert, Neeltje, Michal Arbilly, Felicity Muth, & Amanda M. Seed.** 2013. “Do crows reason about causes or agents? The devil is in the controls.” *Proceedings of the National Academy of Sciences* **110** (22 January): E273.
- Booher, Larry.** 2005. “Creation Battles Evolution.” *Friendly Atheist* posting of John S. Battle High School (Roanoke, Virginia) book text (online pdf at *www.patheos.com* accessed 9/10/2014).
- Booker, Christopher.** 2008. “The world has never seen such freezing heat.” *Origins* posting of *Sunday Telegraph* (London) 16 November article annotated by Paul Ellwanger (online pdf at *www.alcazar.net* accessed 6/15/2011).
- . 2009. “Mind over matter.” *The Spectator* (28 January): online text accessed 7/5/2010 (*spectator.co.uk*).
- Book of the Dead*, trans. Raymond O. Faulkner. 2005. *Ancient Egyptian Book of the Dead*. New York: Fall River Press.
- Boomsma, Jacobus J., Madeleine Beekman, Charlie K. Cornwallis, Ashleigh S. Griffin, Luke Holman, William O. H. Hughes, Laurent Keller, Benjamin P. Oldroyd, & Francis L. W. Ratnieks.** 2011. “Only full-sibling families evolved eusociality.” *Nature* **471** (24 March): E4-E5.
- Boone, Hamilton.** 2017. Brevard County, Florida 1 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at *floridacitizensalliance.com* accessed 4/27/2017).
- Boone, Jerry Richard.** 2007a. “How Reliable Are the Gospels?” 15 February posting at *Ezine@rtciles* (online text at *ezinearticles.com* accessed 12/21/2009).
- . 2007b. “Was Jesus Mistaken?” 27 March posting at *Ezine@rtciles* (online text at *ezinearticles.com* accessed 12/21/2009).
- . 2007c. “Naturalism—Science or Science Fiction?” 19 May posting at *Ezine@rtciles* (online text at *ezinearticles.com* accessed 12/21/2009).
- . 2007d. “Life: The Achilles Heel of Naturalism.” 21 May posting at *Ezine@rtciles* (online text at *ezinearticles.com* accessed 12/21/2009).
- . 2007e. “Panspermia—Life from Outer Space.” 23 May posting at *Ezine@rtciles* (online text at *ezinearticles.com* accessed 12/21/2009).
- . 2007f. “Theory, Fossils, and a Two-sided Puzzle.” Posting 153757 at *Streetdirectory* (online text at *streetdirectory.com* accessed 12/21/2009).

- . 2007g. “Fossils Vote on Evolution.” Posting 153758 at *Streetdirectory* (online text at *streetdirectory.com* accessed 12/21/2009).
- . 2007h. “Evolution: The Devil Is in the Details (Part One of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007i. “Evolution: The Devil Is in the Details (Part Two of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007j. “Evolution: The Devil Is in the Details (Part Three of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007k. “Evolution: The Devil Is in the Details (Part Four of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007l. “Evolution: The Devil Is in the Details (Part Five of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007m. “Evolution: The Devil Is in the Details (Part Six of Six).” 6 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007n. “Those Elusive Beneficial Mutations.” 7 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/17/2009).
- . 2007o. “Evolution—To What Degree?” 22 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007p. “Young Earth Versus Old Earth.” 22 June posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007q. “Homo Habilis and Associates.” 5 July posting at *Search Warp* (online text at *searchwarp.com* accessed 12/21/2009).
- . 2007r. “Is Homo Erectus in Our Family Tree?” 11 July posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007s. “Are You Related To A Neanderthal?” 17 July posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2007t. “What Scientific Proof Lies Behind Evolution?” 31 July posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/21/2009).
- . 2012. “Those Elusive Beneficial Mutations.” Undated posting at *Ezine@rtciles* (online text at *ezeinearticles.com* accessed 12/01/2012).
- Boone, Pat.** 2015. “‘Forgetting God: Is the Problem ‘Racism’—or Demonic Evil?’” *WorldNetDaily* (24 June): online text accessed 6/26/2015 (*wnd.com*).
- Boone, Penny.** 2017. Brevard County, Florida 31 January affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at *floridacitizensalliance.com* accessed 4/27/2017).
- Boonstra, L. D.** 1972. “Discard the names Theriodontia and Anomodontia: a new classification of the Therapsida.” *Annals of the South African Museum* **59**: 315-338.
- Boonstra, Shawn.** 2007. *Out of Thin Air: The Origin of Species. It Is Written* 20-25 September video presentation flyer. Thousand Oaks, CA: It Is Written.
- Boore, Jeffrey L., & Wesley M. Brown.** 2000. “Mitochondrial Genomes of *Galathealinum*, *Helobdella*, and *Platynereis*: Sequence and Gene Arrangement Comparisons Indicate that Pogonophora Is Not a Phylum and Annelida and Arthropoda Are Not Sister Taxa.” *Molecular Biology and Evolution* **17** (January): 87-106.
- Boore, Jeffrey L., & Susan I. Fuerstenberg.** 2008. “Beyond linear sequence comparisons: the use of genome-level characters for phylogenetic reconstruction.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1445-1451.
- Boore, Jeffrey L., & Joseph L. Staton.** 2002. “The Mitochondrial Genome of the Sipunculid *Phascolopsis gouldii* Supports Its Association with Annelida Rather than Mollusca.” *Molecular Biology and Evolution* **19** (February): 127-137.
- Boorstin, Daniel J.** 1983. *The Discoverers*. New York: Random House.
- Booth, Austin, & W. Ford Doolittle.** 2015a. “Eukaryogenesis, how special really?” *Proceedings of the National Academy of Sciences* **112** (18 August): 10278-10285.
- . 2015b. “Reply to Lane and Martin: Being and becoming eukaryotes.” *Proceedings of the National Academy of Sciences* **112** (1 September): E4824.

- Booth, Ben B.** 2015. “Why the Pacific is cool.” *Science* **347** (27 February): 952.
- Booth, H. Anne F., & Peter W. H. Holland.** 2007. “Annotation, nomenclature and evolution of four novel homeobox genes expressed in the human germ line.” *Gene* **387** (31 January): 7-14.
- Booth, J. N., S. A. Koren, & M. A. Persinger.** 2005. “Increased feelings of the sensed presence and increased geomagnetic activity at the time of the experience during exposures to transcerebral weak complex magnetic fields.” *International Journal of Neuroscience* **115** (July): 1053-1079.
- Booth, Lauren N., Brian B. Tuch, & Alexander B. Johnson.** 2010. “Intercalation of a new tier of transcription regulation into an ancient circuit.” *Nature* **468** (16 December): 959-963.
- Booth, Robert K., Stephen T. Jackson, Steven L. Forman, John E. Kutzbach, E. A. Bettis III, Joseph Kriegs, & David K. Wright.** 2005. “A severe centennial-scale drought in midcontinental North America 4200 years ago and apparent global linkages.” *The Holocene* **15** (April): 321-328.
- Booth, Warren, & Gordon W. Schuett.** 2016. “The emerging phylogenetic pattern of parthenogenesis in snakes.” *Biological Journal of the Linnean Society* **118** (June): 172-186.
- Boothby, Thomas C., & Bob Goldstein.** 2016. “Reply to Bemm et al. and Arakawa: Identifying foreign genes in independent *Hypsibius dujardini* genome assemblies.” *Proceedings of the National Academy of Sciences* **113** (31 May): E3058-E3061.
- Boothby, Thomas C., Jennifer R. Tenlen, Frank W. Smith, Jeremy R. Wang, Kiera A. Patanella, Erin Osborne Nishimura, Sophia C. Tintori, Qing Li, Corbin D. Jones, Mark Yandell, David N. Messina, Jarret Glasscock, & Bob Goldstein.** 2015. “Evidence for extensive horizontal gene transfer from the draft genome of a tardigrade.” *Proceedings of the National Academy of Sciences* **112** (29 December): 15976-15981.
- Boppré, Michael, Richard I. Vane-Wright, & Wolfgang Wickler.** 2017. “A hypothesis to explain accuracy of wasp resemblances.” *Ecology and Evolution* **7** (January): 73-81.
- Boque-Sastre, Raquel, Marta Soler, Cristina Oliveira-Mateos, Anna Portela, Catia Moutinho, Sergi Sayols, Alberto Villanueva, Manel Esteller, & Sonia Guil.** 2015. “Head-to-head antisense transcription and R-loop formation promotes transcriptional activation.” *Proceedings of the National Academy of Sciences* **112** (5 May): 5785-5790.
- Boraas, Martin E., Diane B. Seale, & Joseph E. Boxhorn.** 1998. “Phagotrophy by a flagellate selects for colonial prey: A possible origin of multicellularity.” *Evolutionary Ecology* **12** (February): 153-164.
- Borczyk, Bartosz.** 2010. “Creationism and the Teaching of Evolution in Poland.” *Evolution: Education & Outreach* **3** (December): 614-620.
- Borczyk, Bartosz, Jan Kuszniierz, Łukasz Paško, & Edyta Turniak.** 2014. “Scaling of the sexual size and shape skull dimorphism in the sand lizard (*Lacerta agilis* L.).” *Vertebrate Zoology* **64** (2): 221-227.
- Bordelon, Brendan.** 2014. “Krauthammer: ‘The president pretends that this is all settled science’.” *The Daily Caller* 17 February posting (online text at dailycaller.com accessed 2/22/2014).
- Border Action Network.* 2014. “Border Action Network’s Tour of the Nogales National Placement Center.” *Border Action Network of Nogales, Arizona* 18 June posting (online text at borderaction.org accessed 7/10/2014).
- Bordy, Emese M.** 2008. “Enigmatic Trace Fossils from the Aeolian Lower Jurassic Clarens Formation, Southern Africa.” *Palaeontologia Electronica* (online @ palaeo-electronica.org) **11** (3): 16A.
- Bordy, Emese M., Adam J. Bumby, Octavian Cateneau, & Patrick G. Ericksson.** 2004. “Advanced Early Jurassic Termite (Insecta: Isoptera) Nests: Evidence From the Clarens Formation in the Tuli Basin, Southern Africa.” *Palaios* **19** (February): 68-78.
- . 2005. “Reply—Advanced Early Jurassic Termite (Insecta: Isoptera) Nests: Evidence From the Clarens Formation in the Tuli Basin, Southern Africa (Bordy et al., 2004).” *Palaios* **20** (June): 308-312.

- Borenstein, Seth.** 2007. “Fossils challenge old evolution theory.” *USA Today* posting 9 August (online text at *usatoday.com* accessed 4/6/2014).
- . 2012a. “Scientists Call Recent Weather, Wildfires A Global Warming Preview.” Cybercast (formerly Conservative) New Service *CNSnews* repost of Associated Press 3 July article (online text at *cnsnews.com* accessed 12/3/2012).
- . 2012b. “Leakeys say fossils confirm theory of more pre-human species; others say findings flawed.” *StarTribune* (Minneapolis, Minnesota) 8 August: online text accessed 8/10/2012 (*www.startribune.com*).
- . 2015. “AP FACT CHECK: Most GOP candidates flunk climate science.” The Associated Press *The Big Story* 22 November posting (online text at *bigstory.ap.org* accessed 11/24/2015).
- Borexino Collaboration: G. Bellini, J. Benziger, D. Bick, G. Bonfini, D. Bravo, B. Caccianiga, L. Cadonati, F. Calaprice, A. Caminata, P. Cavalcante, A. Chavarria, A. Chepurinov, D. D’Angelo, S. Davini, A. Derbin, A. Empl, A. Etenko, K. Fomenko, D. Franco, F. Gabriele, C. Galbiati, S. Gazzana, C. Ghiano, M. Giammarchi, M. Göger-Neff, A. Goretti, M. Gromov, C. Hagner, E. Hungerford, Aldo Ianni, Andrea Ianni, V. Kobychiev, D. Korablev, G. Korga, D. Kryn, M. Laubenstein, B. Lehnert, T. Lewke, E. Litvinovich, F. Lombardi, P. Lombardi, L. Ludhova, G. Lukyanchenko, I. Machulin, S. Manecki, W. Maneschg, S. Marcocci, Q. Meindl, E. Meroni, M. Meyer, L. Miramonti, M. Misiaszek, M. Montuschi, P. Mosteiro, V. Muratova, L. Oberauer, M. Obolensky, F. Ortica, K. Otis, M. Pallavicini, I. Papp, L. Perasso, A. Pocar, G. Ranucci, A. Razeto, A. Re, A. Romani, N. Rossi, R. Saldanha, C. Salvo, S. Schönert, H. Simgen, M. Skorokhvatov, O. Smirnov, A. Sotnikov, S. Sukhotin, Y. Suvorov, R. Tartaglia, G. Testera, D. Vignaud, R. B. Vogelaar, F. von Feilitzsch, H. Wang, J. Winter, M. Wojcik, A. Wright, M. Wurm, O. Zaimidoroga, S. Zavatarelli, K. Zuber, & G. Zuzel.** 2014. “Neutrinos from the primary proton-proton fusion process in the Sun.” *Nature* **512** (28 August): 383-386.
- Borg, Charmaine, Peter J. de Jong, Remco J. Renken, & Janniko R. Georgiadis.** 2013. “Disgust trait modulates frontal-posterior coupling as a function of disgust domain.” *Social Cognitive & Affective Neuroscience* **8** (March): 351-358.
- Borg, Jacqueline, Bengt Andrée, Henrik Soderstrom, & Lars Farde.** 2003. “The Serotonin System and Spiritual Experiences.” *The American Journal of Psychiatry* **160** (November): 1965-1969.
- Borg, Julie.** 2013a. “New Creation Museum fossil points to global flood.” *World Magazine* “Science” posting 24 October (online text at *worldmag.com* accessed 10/13/2013).
- . 2013b. “Fossil finding shakes evolutionary theories.” *World Magazine* “Science” posting 7 December (online text at *worldmag.com* accessed 10/13/2013).
- . 2015. “New fern discovery ‘a problem’ for evolutionists.” *Baptist Press News* 10 March posting (online text at *www.bpnews.net* accessed 3/12/2015).
- Borg, Lars E., James N. Connelly, Maud Boyet, & Richard W. Carlson.** 2011. “Chronological evidence that the Moon is either young or did not have a global magma ocean.” *Nature* **477** (1 September): 70-72.
- Borgeaud, Sandrine, Lisa C. Metzger, Tiziana Scignari, & Melanie Blokesch.** 2015. “The type VI secretion system of *Vibrio cholerae* fosters horizontal gene transfer.” *Science* **347** (2 January): 63-67.
- Borger, Peter.** 2008a. “Evidence for the design of life: part 1—genetic redundancy.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (2): 79-84.
- . 2008b. “Evidence for the design of life: part 2—Baranomes.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (3): 68-76.
- . 2009a. “Evidence for the design of life: part 3—an introduction to variation-inducing genetic elements.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **23** (1): 99-106.
- . 2009b. “Evidence for the design of life: part 4—variation-inducing genetic elements and their function.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **23** (1): 107-114.

- Borger, Peter, & Royal Truman.** 2007. "The HAR1F gene a Darwinian paradox." *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **21** (3): 55-57.
- Borgeson, Phina.** 2003. "Faith, the Environment, and Evolution." *Reports of the National Center for Science Education* **23** (May-August): online text accessed 6/29/2009 (ncse.com).
- . 2004. "Is There Two-Way Traffic on the Bridge?" *Reports of the National Center for Science Education* **24** (May-August): 16-18.
- Borgia, Gerald, Brian J. Coyle, & Jason Kaegy.** 2012. "Comment on 'Illusions Promote Mating Success in Great Bowerbirds'." *Science* **337** (20 July): 292.
- Borgonie, G., A. Garcia-Moyano, D. Litthauer, W. Bert, A. Bester, E. van Heerden, C. Möller, M. Erasmus, & T. C. Onstott.** 2011. "Nematoda from the terrestrial deep subsurface of South Africa." *Nature* **474** (2 June): 79-82.
- Borhani, David W.** 2011. "Comment on 'A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus'." *Science* **332** (3 June): 1149.
- Borić, Dušan, & T. Douglas Price.** 2013. "Strontium isotopes document greater human mobility at the start of the Balkan Neolithic." *Proceedings of the National Academy of Sciences* **110** (26 February): 3298-3303.
- Borick, Christopher P., Erick Lachapelle, & Barry G. Rabe.** 2011. "Climate Compared: Public Opinion on Climate Change in the United States and Canada." *Governance Studies at Brookings* analysis April (online pdf at brookings.edu accessed 3/6/2012).
- Borin, Sara, Lorenzo Brusetti, Francesca Mapelli, Giuseppe D'Auria, Tullio Brusa, Massimo Marzorati, Aurora Rizzi, Michail Yakimov, Danielle Marty, Gert J. De Lange, Paul Van der Wielen, Henk Bolhuis, Terry J. McGenity, Paraskevi N. Polymenakou, Elisa Malinverno, Laura Giuliano, Cesare Corselli, & Daniele Daffonchio.** 2009. "Sulfur cycling and methanogenesis primarily drive microbial colonization of the highly sulfidic Urania deep hypersaline basin." *Proceedings of the National Academy of Sciences* **106** (9 June): 9151-9156.
- Boritsch, Eva C., Varun Khanna, Alexandre Pawlik, Nadine Honoré, Victor H. Navas, Laurence Ma, Christiane Bouchier, Torsten Seemann, Philip Supply, Timothy P. Stinear, & Roland Brosch.** 2016. "Key experimental evidence of chromosomal DNA transfer among selected tuberculosis-causing mycobacteria." *Proceedings of the National Academy of Sciences* **113** (30 August): 9876-9881.
- Borjigin, Jimo, UnCheol Lee, Tiecheng Liu, Dinesh Pal, Sean Huff, Daniel Klarr, Jennifer Sloboda, Jason Hernandez, Michael M. Wang, & George A. Mashour.** 2013. "Surge of neurophysiological coherence and connectivity in the dying brain." *Proceedings of the National Academy of Sciences* **110** (27 August): 14432-14437.
- Borjigin, Jimo, Michael M. Wang, & George A. Mashour.** 2013a. "Reply to Chawla and Seneff: Near-death electrical brain activity in humans and animals requires additional studies." *Proceedings of the National Academy of Sciences* **110** (29 October): E4124.
- . 2013b. "Reply to Greyson et al.: Experimental evidence lays a foundation for a rational understanding of near-death experiences." *Proceedings of the National Academy of Sciences* **110** (19 November): E4406.
- Bork, Kennard B.** 2009. "Natural theology in the eighteenth century, as exemplified in the writings of Élie Bertrand (1713-1797), a Swiss naturalist and Protestant pastor." *Geological Society, London, Special Publications* **310**: 277-288.
- Bork, Robert H.** 1996. *Slouching Towards Gomorrah: Modern Liberalism and American Decline*. New York: Regan Books.
- Borkett-Jones, Lucinda.** 2015a. "US Marine court-martialed for refusing to remove Bible verse from her computer." *Christianity Today* posting 27 May: online text accessed 6/24/2015 (www.christianitytoday.com).
- . 2015b. "What do we know about the faith of the 2016 presidential candidates (so far)?" *Christianity Today* posting 5 June: online text accessed 6/6/2015 (www.christianitytoday.com).
- Bormann, Jill E., Allen L. Gifford, Martha Shively, Tom L. Smith, Laura Redwine, Ann Kelly, Sheryl Becker, Madeline Gershwin, Patricia Bone, & Wendy Belding.** 2006.

- “Effects of Spiritual Mantram Repetition on HIV Outcomes: A Randomized Controlled Trial.” *Journal of Behavioral Medicine* **29** (August): 359-376.
- Bornens, Michel.** 2012. “The Centrosome in Cells and Organisms.” *Science* **335** (27 January): 422-426.
- Bornens, Michel, & Juliette Azimzadeh.** 2007. “Origin and Evolution of the Centrosome,” in Jékely (2007a, 119-129).
- Borodavka, Alexander, Roman Tuma, & Peter G. Stockley.** 2012. “Evidence that viral RNAs have evolved for efficient, two-stage packaging.” *Proceedings of the National Academy of Sciences* **109** (25 September): 15769-15774.
- Boroditsky, Lera.** 2009. “How Does Our Language Shape the Way We Think?” in Brockman (2009, 117-129).
- . 2011. “How Language Shapes Thought.” *Scientific American* **304** (February): 63-65.
- Boroditsky, Lera, Orly Fuhrman, & Kelly McCormick.** 2011. “Do English and Mandarin speakers think about time differently?” *Cognition* **118** (January): 123-129.
- Borowczyk, Ewa, K. Naga Mohan, Leonardo D’Aiuto, M. Cecilia Cirio, & J. Richard Chaillet.** 2009. “Identification of a region of the DNMT1 methyltransferase that regulates the maintenance of genomic imprints.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20806-20811.
- Borowsky, Richard.** 2013. “Eye regression in blind *Astyanax* cavefish may facilitate the evolution of an adaptive behavior and its sensory receptors.” *BMC Biology* (online @ biomedcentral.com) **11** (11 July): 81.
- Borrell, Brendan.** 2009. “National Academy as *National Enquirer*? PNAS Publishes Theory That Caterpillars Originated from Interspecies Sex.” *Scientific American* posting 24 August (online text at scientificamerican.com accessed 1/3/2012).
- Borrell, Victor, & Federico Calegari.** 2014. “Mechanisms of brain evolution: Regulation of neural progenitor cell diversity and cell cycle length.” *Neuroscience Research* **86** (September): 14-24.
- Borrello, Mark E.** 2003. “Synthesis and Selection: Wynne-Edwards’ Challenge to David Lack.” *Journal of the History of Biology* **36** (Fall): 531-566.
- Borrero, Luis Alberto.** 2011. “The Theory of Evolution, Other Theories, and the Process of Human Colonization of America.” *Evolution: Education & Outreach* **4** (June): 218-222.
- Borsuk-Bialynicka, Magdalena.** 1984. “Aguimorphans and related lizards from the Late Cretaceous of the Gobi Desert, Mongolia.” *Palaeontologia Polonica* **46**: 5-105.
- . 1994. “Brain cast of a Miocene dolphin.” *Acta Palaeontologica Polonica* **39** (4): 392.
- . 1996. “The Late Cretaceous lizard *Pleurodontagama* and the origin of tooth permanency in Lepidosauria.” *Acta Palaeontologica Polonica* **41** (3): 231-252.
- Borsuk-Bialynicka, Magdalena, & Susan E. Evans.** 2003. “A basal archosauriform from the Early Triassic of Poland.” *Acta Palaeontologica Polonica* **48** (4): 649-652.
- Borsuk-Bialynicka, Magdalena, Mariusz Lubka, & Wolfgang Böhme.** 1999. “A lizard from Baltic amber (Eocene) and the ancestry of the crown group lacertids.” *Acta Palaeontologica Polonica* **44** (4): 349-382.
- Bort, Ryan.** 2016. “Neil deGrasse Tyson hit with ‘diss track’ after trading Twitter barbs with flat-Earth truther rapper.” *Newsweek* article reposted at *The Raw Story* 26 January (online text at www.rawstory.com accessed 2/1/2016).
- Borthwick, Lindsay.** 2007. “LONG-HELD ASSUMPTIONS ABOUT ‘SILENT’ GENETIC MUTATIONS HAVE BEEN TORN DOWN, CHALLENGING A FUNDAMENTAL EVOLUTIONARY THEORY.” *Seed* (18 March): online text accessed 8/27/2014 (seedmagazine.com).
- Bortolini, Maria Cátira, Rolando González-José, Sandro L. Bonatto, & Fabricio R. Santos.** 2014. “Reconciling pre-Columbian settlement hypotheses requires integrative, multidisciplinary, and model-bound approaches.” *Proceedings of the National Academy of Sciences* **111** (14 January): E213-E214.
- Bortolus, Alejandro.** 2008. “Error Cascades in the Biological Sciences: The Unwanted Consequences of Using Bad Taxonomy in Ecology.” *AMBIO: A Journal of the Human*

- Environment* **37** (March): 114-118.
- Borucki, William J., Eric Agol, Francois Fressin, Lisa Kaltenecker, Jason Rowe, Howard Isaacson, Debra Fischer, Natalie Batalha, Jack J. Lissauer, Geoffrey W. Marcy, Daniel Fabrycky, Jean-Michel Désert, Stephen T. Bryson, Thomas Barclay, Fabienne Bastien, Alan Boss, Erik Brugamyer, Lars A. Buchhave, Chris Burke, Douglas A. Caldwell, Josh Carter, David Charbonneau, Justin R. Crepp, Jørgen Christensen-Dalsgaard, Jessie L. Christiansen, David Ciardi, William D. Cochran, Edna DeVore, Laurance Doyle, Andrea K. Dupree, Michael Endl, Mark E. Everett, Eric B. Ford, Jonathan Fortney, Thomas N. Gautier III, John C. Geary, Alan Gould, Michael Haas, Christopher Henze, Andrew W. Howard, Steve B. Howell, Daniel Huber, Jon M. Jenkins, Hans Kjeldsen, Rea Kolbl, Jeffery Kolodziejczak, David W. Latham, Brian L. Lee, Eric Lopez, Fergal Mullally, Jerome A. Orosz, Andrej Prsa, Elisa V. Quintana, Roberto Sanchis-Ojeda, Dimitar Sasselov, Shawn Seader, Avi Shporer, Jason H. Steffen, Martin Still, Peter Tenenbaum, Susan E. Thompson, Guillermo Torres, Joseph D. Twicken, William F. Welsh, & Joshua N. Winn.** 2013. “Kepler-62: A Five-Planet System with Planets of 1.4 and 1.6 Earth Radii in the Habitable Zone.” *Science* **340** (3 May): 587-590.
- Børud, Bente, Raimonda Viburiene, Meredith D. Hartley, Berit Smestad Paulsen, Wolfgang Egge-Jacobsen, Barbara Imperiali, & Michael Koomey.** 2011. “Genetic and molecular analyses reveal an evolutionary trajectory for glycan synthesis in a bacterial protein glycosylation system.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9643-9648.
- Borwein, Jonathan, & David H. Bailey.** 2014. “When science and philosophy collide in a ‘fine-tuned’ universe.” *Phys Org News* 3 April posting of *The Conversation* article (online text at phys.org accessed 5/18/2017).
- Bos, Julia, Quicen Zhang, Saurabh Vyawahare, Elizabeth Rogers, Susan M. Rosenberg, & Robert H. Austin.** 2015. “Emergence of antibiotic resistance from multinucleated bacterial filaments.” *Proceedings of the National Academy of Sciences* **112** (6 January): 178-1835.
- Bos, Peter A., David Terburg, & Jack van Honk.** 2010. “Testosterone decreases trust in socially naïve humans.” *Proceedings of the National Academy of Sciences* **107** (1 June): 9991-9995.
- Bosák, Pavel.** 1995a. “Paleokarst of the Bohemian Massif in the Czech Republic: Short Review.” *Acta Carsologica* **24**: 109-121.
- . 1995b. “Paleokarst of the Bohemian Massif in the Czech Republic: An overview and synthesis.” *International Journal of Speleology* **24**: 3-39.
- . 1998. “The evolution of karst and caves in the Koněprusy Region (Bohemian Karst, Czech Republic), Part II: Hydrothermal paleokarst.” *Acta Carsologica* **27** (3): 41-61.
- . 2008. “Karst processes and time.” *Geologos* **14** (1): 19-36.
- Bosák, Pavel, & Vojtěch Beneš.** 2003. “Geophysical characteristics of epikarst: Case studies from Zagros Mts. (Iran) and the Koněprusy Region (Czech Republic).” *Acta Carsologica* **32** (2): 254-267.
- Bosák, Pavel, John E. Mylroie, Jindřich Hladil, James L. Carew, & Ladislav Slavík.** 2002. “Blow Hole Cave: An unroofed cave on San Salvador Island, the Bahamas, and its importance for detection of paleokarst caves on fossil carbonate platforms.” *Acta Carsologica* **31** (3): 51-74.
- Bosak, Tanja, Biqing Liang, Min Sub Sim, & Alexander P. Petroff.** 2009. “Morphological record of oxygenic photosynthesis in conical stromatolites.” *Proceedings of the National Academy of Sciences* **106** (7 July): 10939-10943.
- Bosak, T., F. Macdonald, D. Lahr, & E. Matys.** 2011. “Putative Cryogenian ciliates from Mongolia.” *Geology* **39** (December): 1123-1126.
- Bosch, F., T. Faestermann, J. Friese, F. Heine, P. Kienle, E. Wefers, K. Zeitelhack, K. Beckert, B. Franzke, O. Klepper, C. Kozuharov, G. Menzel, R. Moshhammer, F. Nolden, H. Reich, B. Schlitt, M. Steck, T. Stöhlker, T. Winkler, & K. Takahashi.** 1996. “Observation of Bound-State β^- Decay of Fully Ionized ^{187}Re : ^{187}Re - ^{187}Os ”

- Cosmochronometry.” *Physical Review Letters* **77** (23 December): 5190-5193.
- Bosch, Marjolein D., Marcello A. Mannino, Amy L. Prendergast, Tamsin C. O’Connell, Beatrice Demarchi, Sheila M. Taylor, Laura Niven, Johannes van der Plicht, & Jean-Jacques Hublin.** 2015a. “New chronology for Ksâr ‘Akil (Lebanon) supports Levantine route of modern human dispersal into Europe.” *Proceedings of the National Academy of Sciences* **112** (23 June): 7683-7688.
- . 2015b. “Reply to Douka et al.: Critical evaluation of the Ksâr ‘Akil chronologies.” *Proceedings of the National Academy of Sciences* **112** (22 December): E7035.
- Bosch, Oliver G., Julia S. Rihm, Milan Scheidegger, Hans-Peter Landolt, Philipp Stämpfli, Janis Brakowski, Fabrizio Esposito, Björn Rasch, & Erich Seifritz.** 2013. “Sleep deprivation increases dorsal nexus connectivity to the dorsolateral prefrontal cortex in humans.” *Proceedings of the National Academy of Sciences* **110** (26 November): 19597-19602.
- Bosch, Thomas C. G.** 2012. “What Hydra Has to Say About the Role and Origin of Symbiotic Interactions.” *The Biological Bulletin* **223** (August): 78-84.
- Bosch, Thomas C. G., & Konstantin Khalturin.** 2002. “Patterning and cell differentiation in *Hydra*: novel genes and the limits to conservation.” *Canadian Journal of Zoology* **80** (October): 1670-1677.
- Boschetti, Chiara, Adrian Carr, Alastair Crisp, Isobel Eyres, Yuan Wang-Koh, Esther Lubzens, Timothy G. Barraclough, Gos Micklem, & Alan Tunnacliffe.** 2012. “Biochemical Diversification through Foreign Gene Expression in Bdelloid Rotifers.” *PLoS Genetics* (online @ plosgenetics.org) **8** (November): e1003035.
- Boschin, Erica A., Carinne Piekema, & Mark J. Buckley.** 2015. “Essential functions of primate frontopolar cortex in cognition.” *Proceedings of the National Academy of Sciences* **112** (3 March): E1010-E1027.
- Bosker, Bianca.** 2010. “Darwin May Have Been Wrong, New Study Argues.” *Huffington Post* posting 24 August (online text at huffingtonpost.com accessed 8/27/2010).
- Boslough, Mark.** 2012. “Inconsistent impact hypotheses for the Younger Dryas.” *Proceedings of the National Academy of Sciences* **109** (21 August): E2241.
- . 2013a. “Faulty protocols yield contaminated samples, unconfirmed results.” *Proceedings of the National Academy of Sciences* **1109** (30 April): E1651.
- . 2013b. “Greenland Pt anomaly may point to noncataclysmic Cape York meteorite entry.” *Proceedings of the National Academy of Sciences* **110** (24 December): E5035.
- Boslough, Mark, Alan W. Harris, Clark Chapman, & David Morrison.** 2013. “Younger Dryas impact model confuses comet facts, defies airburst physics.” *Proceedings of the National Academy of Sciences* **110** (5 November): E4170.
- Boslough, Mark, Kathleen Nicoll, Tyrone L. Daulton, Andrew C. Scott, Philippe Claeys, Hacquelyn L. Gill, Jennifer R. Marlon, & Patrick J. Bartlein.** 2015. “Incomplete Bayesian model rejects contradictory radiocarbon data for being contradictory.” *Proceedings of the National Academy of Sciences* **112** (8 December): E7622.
- Boss, Alan P.** 1998. “Evolution of the Solar Nebula. IV. Giant Gaseous Protoplanet Formation.” *The Astrophysical Journal* **503** (20 August): 923-937.
- . 2001. “Gas Giant Protoplanet Formation: Disk Instability Models with Thermodynamics and Radiative Transfer.” *The Astrophysical Journal* **563** (10 December): 367-373.
- . 2002. “Formation of gas and ice giant planets.” *Earth and Planetary Science Letters* **202** (30 September): 513-523.
- . 2005. “Evolution of the Solar Nebula. VII. Formation and Survival of Protoplanets Formed by Disk Instability.” *The Astrophysical Journal* **629** (10 August): 535-548.
- . 2006. “Rapid Formation of Gas Giant Planets Around M Dwarf Stars.” *The Astrophysical Journal Part I* **643** (20 May): 501-508.
- Bostom, Andrew G.** 2007. “The Muslim Mainstream and the New Caliphate.” *American Thinker* posting 27 April (online text at americanthinker.com accessed 7/2/2011).
- Boston, Penelope.** 2008. “Extremophiles and life on other planets,” in Benton (2008a, 171-173).
- Boston, Robert.** 1998. “David Barton: Master of myth and misinformation.” Institute for First

- Amendment Studies *Freedom Writer* (June) article posting (online text at www.publiceye.org accessed 1/8/2014).
- . 1999a. “Reclaiming America For Christ?” Americans United for the Separation of Church and State *Church and State* (April): online text accessed 1/24/2011 (www.au.org).
- . 1999b. “D. James Kennedy.” Americans United for the Separation of Church and State *Church and State* (April): online text accessed 1/24/2011 (www.au.org).
- . 2000a. “Close Encounters With The Religious Right.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/24/2011 (www.au.org).
- . 2000b. “Satanic Panic At The Christian Coalition.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/24/2011 (www.au.org).
- . 2001a. “No King But Jesus?” Americans United for the Separation of Church and State *Church and State* (February): online text accessed 1/24/2011 (www.au.org).
- . 2001b. “James Madison And Church-State Separation.” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/24/2011 (www.au.org).
- . 2001c. “In Don We Trust?” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/24/2011 (www.au.org).
- . 2001d. “Donald Wildmon.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/24/2011 (www.au.org).
- . 2001e. “Moon Shadow.” Americans United for the Separation of Church and State *Church and State* (June): online text accessed 1/24/2011 (www.au.org).
- . 2001f. “The Ten Commandments: A Sequel.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/24/2011 (www.au.org).
- . 2001g. “Commandments Controversies: A Battle Of Biblical Proportions.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/24/2011 (www.au.org).
- . 2001h. “The Salvation Army.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/24/2011 (www.au.org).
- . 2001i. “Christianizing The Constitution?” Americans United for the Separation of Church and State *Church and State* (October): online text accessed 1/24/2011 (www.au.org).
- . 2002a. “Monsters, Inc.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/24/2011 (www.au.org).
- . 2002b. “Lions And Tigers And Censors Oh My!” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/24/2011 (www.au.org).
- . 2002c. “A Preacher, The Pledge And Patriotism.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/24/2011 (www.au.org).
- . 2003a. *Why the Religious Right Is Wrong about Separation of Church & State*. 2nd ed. Amherst, NY: Prometheus Books.
- . 2003b. “Evolution Of A ‘Hatchet Man’.” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/20/2011 (www.au.org).
- . 2003c. “The Forgotten Founder.” Americans United for the Separation of Church and State *Church and State* (April): online text accessed 1/20/2011 (www.au.org).
- . 2003d. “When Teachers Preach.” Americans United for the Separation of Church and State *Church and State* (June): online text accessed 1/20/2011 (www.au.org).
- . 2003e. “Missing Book Mystery.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/20/2011 (www.au.org).
- . 2003f. “Devious Design.” Americans United for the Separation of Church and State *Church and State* (November): online text accessed 1/20/2011 (www.au.org).
- . 2004a. “Extreme Evangelism.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/20/2011 (www.au.org).

- . 2004b. “Of Popes And Power.” Americans United for the Separation of Church and State *Church and State* (February): online text accessed 1/20/2011 (www.au.org).
- . 2004c. “Plucky Lindy.” Americans United for the Separation of Church and State *Church and State* (April): online text accessed 1/20/2011 (www.au.org).
- . 2004d. “‘Under God’ At The High Court.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/20/2011 (www.au.org).
- . 2004e. “The Alliance Defense Fund Agenda.” Americans United for the Separation of Church and State *Church and State* (June): online text accessed 1/20/2011 (www.au.org).
- . 2004f. “The ADF’s Reconstructionist Ties.” Americans United for the Separation of Church and State *Church and State* (June): online text accessed 1/20/2011 (www.au.org).
- . 2004g. “Targeting Public Schools.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/20/2011 (www.au.org).
- . 2005a. “Power Play.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/20/2011 (www.au.org).
- . 2005b. “The French Mis-Connection.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/20/2011 (www.au.org).
- . 2005c. “Gibbs’ Fibs.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/20/2011 (www.au.org).
- . 2005d. “Judge Grudge.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/20/2011 (www.au.org).
- . 2005e. “Kingdom Of Heaven?” Americans United for the Separation of Church and State *Church and State* (June): online text accessed 1/20/2011 (www.au.org).
- . 2006a. “Rick Santorum’s Amen Corner.” Americans United for the Separation of Church and State *Church and State* (April): online text accessed 1/18/2011 (www.au.org).
- . 2006b. “Breaking The Opus Dei Code.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/18/2011 (www.au.org).
- . 2008. “The Religious Right Top Ten.” Americans United for the Separation of Church and State *Church and State* (October): online text accessed 1/20/2011 (www.au.org).
- . 2009. “Texas Tall Tale.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/18/2011 (www.au.org).
- . 2010a. “‘No Religious Test’ Tested.” Americans United for the Separation of Church and State *Church and State* (February): online text accessed 1/18/2011 (www.au.org).
- . 2010b. “Mr. Freshwater’s Classroom Crusade.” Americans United for the Separation of Church and State *Church and State* (March): online text accessed 1/20/2011 (www.au.org).
- . 2010c. “Stealth Evangelism And The Public Schools.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 1/18/2011 (www.au.org).
- . 2010d. “Sneak Attack.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/18/2011 (www.au.org).
- . 2010e. “Unreality Show.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 1/18/2011 (www.au.org).
- . 2010f. “Army Of God?” Americans United for the Separation of Church and State *Church and State* (November): online text accessed 1/18/2011 (www.au.org).
- . 2011a. “The Art of Censorship.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/15/2011 (www.au.org).
- . 2011b. “Madison’s Mandate.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/15/2011 (www.au.org).
- . 2011c. “Creationism Crusade.” Americans United for the Separation of Church and State *Church and State* (July/August): online text accessed 7/9/2011 (www.au.org).
- . 2014. “Troubling Textbooks.” Americans United for the Separation of Church and State *Church and State* (September): online text accessed 9/2/2014 (www.au.org).
- Bostrom, Barry A., Kaylan L. Phillips, Robert Brado, Vince DiPaola, Kirk Dueker, George Grace, Nathan Miller, Anne O’Connor, & Larry Stojkovic.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).

- Bostrom, Doug.** 2010. "Arctic icemelt is a natural cycle." *Skeptical Science* 29 December posting (online text at www.skepticalscience.com accessed 6/25/2011).
- Bostwick, J. Michael.** 2013. "Recommend the Medicinal Use of Marijuana." *The New England Journal of Medicine* (6 March) posting (online text at www.nejm.org accessed 2/20/2013).
- Bostwick, J. Michael, & Kari A. Martin.** 2007. "A Man's Brain in an Ambiguous Body: A Case of Mistaken Gender Identity." *The American Journal of Psychiatry* **164** (October): 1499-1505.
- Bostwick, Kimberly B., Mark L. Riccio, & Julian M. Humphries.** 2012. "Massive, solidified bone in the wing of a volant courting bird." Royal Society *Biology Letters* **8** (23 October): 760-763.
- Boswell, Rolfe.** 1941. *Nostradamus Speaks*. New York: Crowell.
- Bosworth, James.** 2011. "Knights Templar: In Mexico, like Norway, criminals look to past for legitimacy." The Christian Science Monitor *Latin America Monitor* blog posting (25 July): online text accessed 8/30/2011 (csmonitor.com).
- Boteach, Shmuley.** 2011. "Does questioning evolution make you anti-science?" *The Jerusalem Post* 5 September posting (online text at www.jpost.com accessed 4/14/2013).
- Botelho, João Francisco, Luis Ossa-Fuentes, Sergio Soto Acuña, Daniel Smith-Paredes, Daniel Nuñez-León, Miguel Salinas-Saavedra, Macarena Ruiz-Flores, & Alexander O. Vargas.** 2014. "New Developmental Evidence Clarifies the Evolution of Wrist Bones in the Dinosaur-Bird Transition." *PLoS Biology* (online @ plosbiology.org) **12** (September): e1001957.
- Botelho, João Francisco, Daniel Smith-Paredes, Sergio Soto Acuña, Jingmai O'Connor, Verónica Palma, & Alexander O. Vargas.** 2016. "Molecular Development of Fibular Reduction in Birds and Its Evolution from Dinosaurs." *Evolution* **70** (March): 543-554.
- Botero, Carlos A., Beth Gardner, Kathryn R. Kirby, Joseph Bulbulia, Michael C. Gavin, & Russell D. Gray.** 2014. "The ecology of religious beliefs." *Proceedings of the National Academy of Sciences* **111** (25 November): 16784-16789.
- Botero, Carlos A., Franz J. Weissing, Jonathan Wright, & Dustin R. Rubenstein.** 2015. "Evolutionary tipping points in the capacity to adapt to environmental change." *Proceedings of the National Academy of Sciences* **112** (6 January): 184-189.
- Botha, J., F. Abdala, & R. Smith.** 2007. "The oldest cynodont: new clues on the origin and early diversification of the Cynodontia." *Zoological Journal of the Linnean Society* **149** (March): 477-492.
- Botha, Jennifer, & Anusuya Chinsamy.** 2000. "Growth patterns deduced from the bone histology of the cynodonts *Diademodon* and *Cynognathus*." *Palaeontology* **20** (December): 705-711.
- . 2004. "Growth and life habits of the Triassic cynodont *Trirachodon*, inferred from bone histology." *Acta Palaeontologica Polonica* **49** (4): 619-627.
- . 2005. "Growth patterns of *Thrinaxodon liorhinus*, a non-mammalian cynodont from the Lower Triassic of South Africa." *Journal of Vertebrate Paleontology* **13** (8 June): 171-184.
- Botha, Jennifer, Julia Lee-Thorp, & Anusuya Chinsamy.** 2005. "The palaeoecology of the non-mammalian cynodonts *Diademodon* and *Cynognathus* from the Karoo Basin of South Africa, using stable light isotope analysis." *Palaeogeography, Palaeoclimatology, Palaeoecology* **223** (1 August): 303-316.
- Botha-Brink, Jennifer, & Sean P. Modesto.** 2007. "A mixed-age classed 'pelycosaur' aggregation from South Africa: earliest evidence of parental care in amniotes?" *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 November): 2829-2834.
- Botigué, Laura R., Brenna M. Henn, Simon Gravel, Brian K. Maples, Christopher R. Gignoux, Erik Corona, Gil Atzmon, Edward Burns, Harry Ostrer, Carlos Flores, Jaime Bertranpetit, David Comas, & Carlos D. Bustamante.** 2013. "Gene flow from North Africa contributes to differential human genetic diversity in southern Europe." *Proceedings of the National Academy of Sciences* **110** (16 July): 11791-11796.
- Botta, Oliver, Daniel P. Glavin, Gerhard Kminek, & Jeffrey L. Bada.** 2002. "Relative Amino

- Acid Concentrations as a Signature for Parent Body Processes of Carbonaceous Chondrites.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (April): 143-163.
- Botta, Oliver, Zita Martins, & Pascale Ehrenfreund.** 2007. “Amino acids in Antarctic CM1 meteorites and their relationship to other carbonaceous chondrites.” *Meteoritics & Planetary Science* **42** (January): 81-92.
- Bottaro, Andrea.** 2005. “Review: Why is a Fly not a Horse?” *Reports of the National Center for Science Education* **25** (May-August): 43-45.
- Bottaro, Andrea, Matt A. Inlay, & Nicholas J. Matzke.** 2006. “Immunology in the spotlight at the Dover ‘Intelligent Design’ trial.” *Nature Immunology* **7** (May): 433-435.
- Botten, Alex.** 2012a. “Bob Sorensen Passes Judgement, Apparently Without Reading What He’s Judged....” *An Atheist Viewpoint* 28 March posting (online text at anatheistviewpoint.wordpress.com accessed 8/11/2013).
- . 2012b. “An atheist viewpoint.” *An Atheist Viewpoint* 24 May posting of Dave Young transcription of *Fundamentally Flawed* podcast (online text at anatheistviewpoint.wordpress.com accessed 8/11/2013).
- Botting, Jack H., & Adrian R. Morrison.** 1997. “Animal Research is Vital to Medicine.” *Scientific American* **276** (February): 83-85.
- Botting, Joseph P.** 2002. “The role of pyroclastic volcanism in Ordovician diversification.” *Geological Society, London, Special Publications* **194**: 99-113.
- Bottjer, David J.** 2005. “The Early Evolution of Animals.” *National Geographic* **293** (August): 42-47.
- . 2012. “Life in the Early Triassic Ocean.” *Science* **338** (19 October): 336-337.
- Bottke, William F. Jr., Alberto Cellino, Paulo Paolicchi, & Richard P. Binzel,** eds. 2001. *Asteroids III*. Tucson, AZ: University of Arizona Press.
- Bottke, W. F., D. Vokrouhlicky, S. Marchi, T. Swindle, E. R. D. Scott, R. Weirich, & H. Levison.** 2015. “Dating the Moon-forming impact event with asteroidal meteorites.” *Science* **348** (17 April): 321-323.
- Bottke, William F., David Vokrouhlický, David Minton, David Nesvorný, Alessandro Morbidelli, Ramon Brassier, Bruce Simonson, & Harold F. Levison.** 2012. “An Archaean heavy bombardment from a destabilized extension of the asteroid belt.” *Nature* **485** (3 May): 75-77.
- Bottke, William F., Richard J. Walker, James M. D. Day, David Nesvorný, & Linda Elkins-Tanton.** 2010. “Stochastic Late Accretion to Earth, the Moon, and Mars.” *Science* **330** (10 December): 1527-1530.
- Bottum, Joseph.** 2006. “Baylor shafts Beckwith.” *Uncommon Descent* 28 March posting by William Dembski of *First Things* (27 March) article (online text at uncommondescent.com accessed 7/30/2014).
- Bouchard, Kristofer E., Nima Mesgarani, Keith Johnson, & Edward F. Chang.** 2013. “Functional organization of human sensorimotor cortex for speech articulation.” *Nature* **495** (21 March): 327-332.
- Bouchard, Thomas J. Jr., David T. Lykken, Matthew McGue, Nancy L. Segal, & Auke Tellegen.** 1990. “Sources of Human Psychological Differences: The Minnesota Study of Twins Reared Apart.” *Science* **250** (12 October): 223-228.
- Bouchard, Thomas J. Jr., Matthew McGue, David Lykken, & Auke Tellegen.** 1999. “Intrinsic and extrinsic religiousness: genetic and environmental influences and personality correlates.” *Twin Research* **2** (1 June): 88-98.
- Bouchard-Côté, Alexandre, & Michael I. Jordan.** 2013. “Evolutionary inference via the Poisson Indel Process.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1160-1166.
- Bouchenak-Khelladi, Yanis, Jasper A. Slingsby, G. Anthony Verboom, & William J. Bond.** 2014. “Diversification of C₄ grasses (Poaceae) does not coincide with their ecological dominance.” *American Journal of Botany* **101** (February): 300-307.
- Boucher, Dave.** 2015a. “Tennessee House votes Bible as official state book.” *The Tennessean*

- (Nashville) posting 15 April: online text accessed 4/15/2015 (www.tennessean.com).
- . 2015b. “Lawmakers fear Islamic ‘indoctrination’ in schools.” *The Tennessean* (Nashville) posting 10 September: online text accessed 10/2/2015 (www.tennessean.com).
- . 2015c. “Ben Carson touts creationism during Nashville speech.” *The Tennessean* (Nashville) posting 1 November: online text accessed 11/2/2015 (www.tennessean.com).
- Boucher, Jeffrey I., Joseph R. Jacobowitz, Brian C. Beckett, Scott Classen, & Douglas L. Theobald.** 2014. “An atomic-resolution view of neofunctionalization in the evolution of apicomplexan lactat dehydrogenases.” *eLife* (online @ elifesciences.org) **3** (23 June): e02304.
- Boucher, Jeremie, Marika Charalambous, Kim Zarse, Marcelo A. Mori, Andre Kleinridders, Michael Ristow, Anne C. Ferguson-Smith, & C. Ronald Kahn.** 2014. “Insulin and insulin-like growth factor 1 receptors are required for normal expression of imprinted genes.” *Proceedings of the National Academy of Sciences* **111** (7 October): 14512-14517.
- Boucher, Yan, & W. Ford Doolittle.** 2002. “Something new under the sea.” *Nature* **417** (2 May): 27-28.
- Boucher, Yan, Masahiro Kamekura, & W. Ford Doolittle.** 2004. “Origins and evolution of isoprenoid lipid biosynthesis in archaea.” *Molecular Microbiology* **52** (April): 515-527.
- Bouchet, Philippe, & Jean-Pierre Rocroi.** 2005. “Classification and Nomenclator of Gastropod Families.” *Malacologia* **47** (1-2): 1-397.
- Bouckaert, Remco, Philippe Lemey, Michael Dunn, Simon L. Greenhill, Alexander V. Alekseyenko, Alexei J. Drummond, Russell D. Gray, Marc A. Suchard, & Quentin D. Atkinson.** 2012. “Mapping the Origins and Expansion of the Indo-European Language Family.” *Science* **337** (24 August): 957-960.
- Boudin, André, & Sarah Deutsch.** 1970. “Geochronology: Recent Development in the Lutetium-176/Hafnium-176 Dating Method.” *Science* **168** (5 June): 1219-1220.
- Boudinot, Brendan E.** 2015. “Contributions to the knowledge of Formicidae (Hymenoptera, Aculeata): a new diagnosis of the family, the first global male-basd key to subfamilies, and a treatment of early branching lineages.” *European Journal of Taxonomy Research Monograph* 120: 1-62.
- Boudreaux, Edward A.** 2001. “Edward A. Boudreaux, theoretical chemistry,” in Ashton (2001). *Creation Ministries International* book posting (online text at creation.com accessed 12/23/2013).
- . 2007. “A Response To Joe Meert’s Question: ‘Is The Earth’s Magnetic Field Young?’.” *True Origin Archive* posting (online text at trueorigin.org accessed 12/20/2011).
- Boudry, Maarten.** 2015a. “The Relentless Retreat: Kelly James Clark’s *Religion and the Sciences of Origins*.” *Reports of the National Center for Science Education* **35** (July-August): 3.1-3.6.
- . 2015b. “The Sin of Scientism: Response to Clark.” *Reports of the National Center for Science Education* **35** (September-October): 6.1-6.3.
- Boudry, Maarten, Stefaan Blancke, & Johan Braeckman.** 2010. “Irreducible Incoherence—A Look Into the Conceptual Toolkit of a Pseudoscience.” *The Quarterly Review of Biology* **85** (December): 473-482.
- Boudway, Matthew.** 2009. “‘One meets closed minds’.” *Commonweal* 8 December blog posting (online text at www.commonwealmagazine.com accessed 2/4/2012).
- . 2010. “Pay no attention to our chart.” *Commonweal* 3 March blog posting (online text at www.commonwealmagazine.com accessed 2/4/2012).
- . 2011a. “What would Chesterton say?” *Commonweal* 9 August blog posting (online text at www.commonwealmagazine.com accessed 2/4/2012).
- . 2011b. “We Think We’re Sweden.” *Commonweal* 17 August blog posting (online text at www.commonwealmagazine.com accessed 2/4/2012).
- . 2012. “Raw majoritarianism, department of regulation.” *Commonweal* 31 January blog posting (online text at www.commonwealmagazine.com accessed 2/4/2012).
- Boughn, Stephen, & Robert Crittenden.** 2004. “A correlation between the cosmic microwave

- background and large-scale structure in the Universe.” *Nature* **427** (1 January): 45-47.
- Bouillon, Roger, & Tatsuo Suda.** 2014. “Vitamin D: calcium and bone homeostasis during evolution.” International Bone and Mineral Society *BoneKEy Reports* (online @ www.nature.com/bonekey/) **3** (January): 480.
- Boulanger, Lisa M.** 2004. “MHC class I activity-dependent structural and functional plasticity.” *Neuron Glia Biology* **1** (August): 283-289.
- . 2009. “Immune Proteins in Brain Development and Synaptic Plasticity.” *Neuron* **64** (15 October): 93-109.
- Boulanger, Lisa M., Gene S. Huh, & Carla J. Shatz.** 2001. “Neuronal plasticity and cellular immunity: shared molecular mechanisms.” *Current Opinion in Neurobiology* **11** (October): 568-578.
- Boulanger, Lisa M., & Carla J. Shatz.** 2004. “Immune signalling in neural development, synaptic plasticity and disease.” *Nature Reviews Neuroscience* **5** (July): 521-531.
- Bourc’his, Déborah, & Olivier Voinnet.** 2010. “A Small-RNA Perspective on Gametogenesis, Fertilization, and Early Zygotic Development.” *Science* **330** (29 October): 617-622.
- Bourgeois, Roy.** 2013. “Excommunicated For ‘Grave Scandal’ of Ordaining Women.” *Religion Dispatches* 6 August posting (online text at religiondispatches.org accessed 8/7/2013).
- Bourgeon, Lauriane, Ariane Burke, & Thomas Higham.** 2017. “Earliest Human Presence in North America Dated to the Last Glacial Maximum: New Radiocarbon Dates from Bluefish Caves, Canada.” *PLoS ONE* (online @ plosone.org) **12** (January): e0169486.
- Bourgoin, Th., & B. C. Campbell.** 2002. “Inferring a Phylogeny for Hemiptera: Falling into the ‘Autapomorphic Trap’.” *Denisia* **4**: 67-82.
- Bouriaud, O., J.-M. Leban, D. Bert, & C. Deleuze.** 2005. “Intra-annual variations in climate influence growth and wood density of Norway spruce.” *Tree Physiology* **25** (June): 651-660.
- Bourke, Andrew F. G., & Judith E. Mank.** 2013. “A social rearrangement.” *Nature* **493** (31 January): 612-613.
- Bourlat, Sarah J., Thorhildur Juliusdottir, Christopher J. Lowe, Robert Freeman, Joachanan Aronowicz, Mark Kirschner, Eric S. Lander, Michael Thorndyke, Hiroaki Nakano, Andrea B. Kohn, Andreas Heyland, Leonid L. Moroz, Richard R. Copley, & Maximilian J. Telford.** 2006. “Deuterostome phylogeny reveals monophyletic chordates and the new phylum Xenoturbellida.” *Nature* **444** (2 November): 85-88.
- Bourlat, Sarah J., Claus Nielsen, Anne E. Lockyer, D. Timothy J. Littlewood, & Maximilian J. Telford.** 2003. “*Xenoturbella* is a deuterostome that eats molluscs.” *Nature* **424** (21 August): 925-928.
- Bourlat, Sarah J., Omar Rota-Stabelli, Robert Lanfear, & Maximilian J. Telford.** 2009. “The mitochondrial genome structure of *Xenoturbella bocki* (phylum Xenoturbellida) is ancestral within the deuterostomes.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (18 May): 107.
- Bousema, Teun, & Chris Drakeley.** 2011. “Epidemiology and Infectivity of *Plasmodium falciparum* and *Plasmodium vivax* Gametocytes in Relation to Malaria Control and Elimination.” *Clinical Microbiology Reviews* **24** (April): 377-410.
- Bousquet, François, Tetsuya Nojima, Benjamin Houet, Isabelle Chauvel, Sylvie Chaudy, Stéphane Dupas, Daisuke Yamamoto, & Jean-François Ferveur.** 2012. “Expression of a desaturase gene, *desat1*, in neural and nonneural tissues separately affects perception and emission of sex pheromones in *Drosophila*.” *Proceedings of the National Academy of Sciences* **109** (3 January): 240-254.
- Bousquet, Marina, Marian H. Harris, Beiyan Zhou, & Harvey F. Lodish.** 2010. “MicroRNA miR-125b causes leukemia.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21558-21563.
- Boussau, Bastien, & Vincent Daubin.** 2010. “Genomes as documents of evolutionary history.” *Trends in Ecology & Evolution* **25** (April): 224-232.
- Boussau, Bastien, Zaak Walton, Juan A. Delgado, Francisco Collantes, Laura Beani, Isaac J. Stewart, Sydney A. Cameron, James B. Whitfield, J. Spencer Johnston, Peter W. H.**

- Holland, Doris Bachtrog, Jeyaraney Kathirithamby, & John P. Huelsenbeck.** 2014. “Strepsiptera, Phylogenomics and the Long Branch Attraction Problem.” *PLoS ONE* (online @ plosone.org) **9** (October): e107709.
- Bouvet, A., C. P. Popescu, A. M. de Giovanni-Macchi, G. Colombo, & L. Molteni.** 1989. “Synaptonemal complexes analysis in a bull carrying a 4;8 Robertsonian translocation.” *Annales de Génétique* **32** (4): 193–199.
- Bouvier, Audrey, Janne Blichert-Toft, Frédéric Moynier, Jeffrey D. Vervoort, & Francis Albarède.** 2007. “Pb-Pb dating constraints on the accretion and cooling history of chondrites.” *Geochimica et Cosmochimica Acta* **71** (15 March): 1583-1604.
- Bouvier, A., & M. Boyet.** 2016. “Primitive Solar System materials and Earth share a common initial ¹⁴²Nd abundance.” *Nature* **537** (15 September): 399-402.
- Bouvier, Audrey, Jeffrey D. Vervoort, & P. Jonathan Patchett.** 2008. “The Lu-Hf and Sm-Nd isotopic composition of CHUR: Constraints from unequilibrated chondrites and implications for the bulk composition of terrestrial planets.” *Earth and Planetary Science Letters* **273** (30 August): 48-57.
- Bouvier, Audrey, & Meenakshi Wadhwa.** 2010. “The age of the Solar System redefined by the oldest Pb-Pb age of a meteoritic inclusion.” *Nature Geoscience* **3** (September): 637-641.
- Bouw, Gerardus D.** 1994. “The Dust on the Moon.” *The Biblical Astronomer* **4** (Spring): online text accessed 6/24/2011 (*geocentricity.com*).
- . 1999. “Did We Go to the Moon?” *The Biblical Astronomer* **9** (Fall): online text accessed 6/24/2011 (*geocentricity.com*).
- . 2001. “Geocentricity: A Fable for Educated Man?” *The Biblical Astronomer* article (online text at *www.geocentricity.com* accessed 6/15/2011).
- . 2004. “A Geocentric Primer: Introduction to Biblical Cosmology.” *Origins* posting of *The Biblical Astronomer* article (online pdf at *www.alcazar.net* accessed 6/15/2011).
- . 2007. “Global Warming, More Widespread Than We Think.” *Biblical Astronomer* **17** (Winter): online text accessed 6/15/2011 (*geocentricity.com*).
- . 2008. “Global Warming—the Cause?” *Origins* posting of *The Biblical Astronomer* article (online pdf at *www.alcazar.net* accessed 6/15/2011).
- Bouzouggar, Abdeljalil, Nick Barton, Marian Vanhaeren, Francesco d’Errico, Simon Collcutt, Tom Higham, Edward Hodge, Simon Parfitt, Edward Rhodes, Jean-Luc Schwenninger, Chris Stringer, Elaine Turner, Steven Ward, Abdelkrim Moutmir, & Abdelhamid Stambouli.** 2007. “82,000-year-old shell beads from North Africa and implications for the origins of modern human behavior.” *Proceedings of the National Academy of Sciences* **104** (12 June): 9964-9969.
- The Bovine Genome Sequencing and Analysis Consortium, Christine G. Elsik, Ross L. Tellam, & Kim C. Worley.** 2009. “The Genome Sequence of Taurine Cattle: A Window to Ruminant Biology and Evolution.” *Science* **324** (24 April): 522-528.
- The Bovine HapMap Consortium.** 2009. “Genome-Wide Survey of SNP Variation Uncovers the Genetic Structure of Cattle Breeds.” *Science* **324** (24 April): 528-532.
- Bowatkin.** 2013. “Creationism Gets a Boost from Recent Research Findings.” *All Christian News* 18 June posting (online text at *allchristiannews.com* accessed 6/18/2013).
- Bowden, Ned.** 2013. “A case for ending the animosity between science and religion.” Iowa Now (The University of Iowa) *Campus Voices* 18 September posting (online text at *now.uiowa.edu* accessed 10/22/2013).
- Bowden, Malcolm.** 1994. “The Decrease in the Speed of Light—An Update on Developments.” Lambert Dolphin’s website posting 2 June 1996 under “A Layman’s Guide to the CDK Debate” (online text via *ldolphin.org* accessed 6/26/2010).
- . 1998. “Reports of the Death of Speed of Light Decay are Premature.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **12** (1): 48-54.
- . 2006. “The Basic Scientific Arguments for Geocentricity.” *Creation Start Page* updated posting (online text via *homepage.ntlworld.com/malcolmbowden/* accessed 12/30/2013).
- Bowen, Brian W., Michelle R. Gaither, Joseph D. DiBattista, Matthew Iacchei, Kimberly R. Andrews, W. Stewart Grant, Robert J. Toonen, & John C. Briggs.** 2016.

- “Comparative phylogeography of the ocean planet.” *Proceedings of the National Academy of Sciences* **113** (19 July): 7962-7969.
- Bowen, G. J., T. J. Bralower, M. L. Delaney, G. R. Dickens, D. C. Kelly, P. L. Koch, L. R. Kump, J. Meng, L. C. Sloan, E. Thomas, S. L. Wing, & J. C. Zachos.** 2006. “Eocene Hyperthermal Event Offers Insight Into Greenhouse Warming.” *Eos Transactions American Geophysical Union* **87** (17): 165, 169.
- Bowen, Gabriel J., William C. Clyde, Paul L. Koch, Suyin Ting, John Alroy, Takehisa Tsubamoto, Yuanqing Wang, & Yuan Wang.** 2002. “Mammalian Dispersal at the Paleocene/Eocene Boundary.” *Science* **295** (15 March): 2062-2065.
- Bowen, Mark.** 2008. *Censoring Science: Inside the Political Attack on Dr. James Hansen and the Truth of Global Warming.* New York: Dutton.
- Bowen, Nathan J., & I. King Jordan.** 2002. “Transposable Elements and the Evolution of Eukaryotic Complexity.” *Current Issues in Molecular Biology* **4** (July): 65-76.
- Bowen, Nikki, & Richard D. Kolodner.** 2017. “Reconstitution of *Saccharomyces cerevisiae* DNA polymerase ϵ -dependent mismatch repair with purified proteins.” *Proceedings of the National Academy of Sciences* **114** (4 April): 3607-3612.
- Bower, Bruce.** 1996. “Visions on the Rocks.” *Science News* **146** (5 October): 216-217.
- Bowerman, Bruce, & Sean M. O’Rourke.** 2012. “Pushing Your Back into Place.” *Science* **336** (25 May): 984-985.
- Bowers, Evelyn J.** 2006. “A New Model for the Origin of Bipedality.” *Human Evolution* **21** (August): 241-250.
- Bowers, John E., Brad A. Chapman, Junkang Rong, & Andrew H. Paterson.** 2003. “Unraveling angiosperm genome duplication by phylogenetic analysis of chromosomal duplication events.” *Nature* **422** (27 March): 433-438.
- Bowers, Paul.** 2013. “Q@A with Richard Dawkins: ‘I guess I’m a cultural Christian’.” *Charleston City Paper* 4 March posting (online text at www.charlestoncitypaper.com accessed 3/16/2013).
- . 2014. “S.C. Sen. Mike Fair drops opposition to evolution teaching standards.” *Charleston City Paper* 13 February posting (online text at www.charlestoncitypaper.com accessed 3/20/2014).
- Bowers, Robert M., Christian L. Lauber, Christine Wiedinmyer, Micah Hamady, Anna G. Hallar, Ray Fall, Rob Knight, & Noah Fierer.** 2009. “Characterization of Airborne Microbial Communities at a High-Elevation Site and Their Potential To Act as Atmospheric Ice Nuclei.” *Applied and Environmental Microbiology* **75** (August): 5121-5130.
- Bowler, Chris, Assaf Vardi, & Andrew E. Allen.** 2010. “Oceanographic and Biogeochemical Insights from Diatom Genomes.” *Annual Review of Marine Science* **2**: 333-365.
- Bowler, Frank R., Christopher K. W. Chen, Colm D. Duffy, Béatrice Gerland, Saidul Islam, Matthew W. Powner, John D. Sutherland, & Jianfeng Xu.** 2013. “Prebiotically plausible oligoribonucleotide ligation facilitated by chemoselective acetylation.” *Nature Chemistry* **5** (14 April): 383-389.
- Bowler, James M., Harvey Johnston, Jon M. Olleys, John R. Prescott, Richard G. Roberts, Wilfred Shawcross, & Nigel A. Spooner.** 2003. “New Ages for human occupation and climatic change at Lake Mungo, Australia.” *Nature* **421** (20 February): 837-840.
- Bowler, Peter J.** 1976. “Alfred Russel Wallace’s Concepts of Variation.” *Journal of the History of Medicine* **31** (January): 17-29.
- . 1983. *The Eclipse of Darwinism: Anti-Darwinian Evolution Theories in the Decades around 1900.* Baltimore, MD: Johns Hopkins University Press.
- . 2002. “Evolution,” in Ferngren (2002, 219-233).
- . 2007. *Monkey Trials and Gorilla Sermons: Evolution and Christianity from Darwin to Intelligent Design.* Cambridge, MA: Harvard University Press.
- . 2009. “The Eclipse of Pseudo-Darwinism? Reflections on Some Recent Developments in Darwin Studies.” *History of Science* **47** (December): 431-443.
- . 2013. *Darwin Deleted: Imagining a World without Darwin.* Chicago: University of Chicago Press.

- Bowles, Marshall W., José M. Mogollón, Sabine Kasten, Matthias Zebel, & Kai-Uwe Hinrichs.** 2014. “Global rates of marine sulfate reduction and implications for sub-sea-floor metabolic activities.” *Science* **344** (23 May): 889-891.
- Bowles, Samuel.** 2009. “Did Warfare Among Ancestral Hunter-Gatherers Affect the Evolution of Human Social Behaviors?” *Science* **324** (5 June): 1293-1298.
- . 2011. “Cultivation of cereals by the first farmers was not more productive than foraging.” *Proceedings of the National Academy of Sciences* **108** (22 March): 4760-4765.
- Bowles, Samuel, & Jung-Kyoo Choi.** 2013. “Coevolution of farming and private property during the early Holocene.” *Proceedings of the National Academy of Sciences* **110** (28 May): 8830-8835.
- Bowles, Samuel, & Herbert Gintis.** 2002. “*Homo reciprocans*.” *Nature* **415** (10 January): 125, 127-128.
- Bowling, Daniel L., & Dale Purves.** 2015. “A biological rationale for musical consonance.” *Proceedings of the National Academy of Sciences* **112** (8 September): 11155-11160.
- Bowling, Michael, Neil Burch, Michael Johanson, & Oskari Tammerlin.** 2015. “Heads up limit hold’em poker is solved.” *Science* **347** (9 January): 145-149.
- Bowmaker, James K.** 2008. “Evolution of vertebrate visual pigments.” *Vision Research* **48** (30 June #20): 2022-2041.
- Bowman, David M. J. S., Jennifer K. Balch, Paulo Artaxo, William J. Bond, Jean M. Carlson, Mark A. Cochran, Carla M. D. D’Antonio, Ruth S. DeFries, John C. Doyle, Sandy P. Harrison, Fay H. Johnston, Jon E. Keeley, Meg A. Krawchuk, Christian A. Kull, J. Brad Marston, Max A. Moritz, I. Colin Prentice, Christopher I. Roos, Andrew C. Scott, Thomas W. Swetnam, Guido R. van der Werf, & Stephen J. Pyne.** 2009. “Fire in the Earth System.” *Science* **324** (24 April): 481-484.
- Bowman, David M. J. S., & Simon G. Haberle.** 2010. “Paradise burnt: How colonizing humans transform landscapes with fire.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21234-21235.
- Bowman, John L., Takashi Araki, & Takayuki Kohchi.** 2016. “*Marchantia*: Past, Present and Future.” *Plant Cell Physiology* **57** (February): 205-209.
- Bowman, Kristi L.** 2006. “Seeing Government Purpose Through the Objective Observer’s Eyes: The Evolution-Intelligent Design Debates.” *Harvard Journal of Law & Public Policy* **29** (2): 417-490.
- . 2008. “The evolution battles in high-school science classes: who is teaching what?” *Frontiers in Ecology and the Environment* **6** (March): 69-74.
- Bowman, Lee.** 2007. “MU Professor Taking the ‘Heat’.” *Uncommon Descent* 25 April posting (online text at uncommondescent.com accessed 5/26/2014).
- Bowman, Robert M. Jr.** 1991. “Strange New Worlds: The Humanist Philosophy of Star Trek.” *Christian Research Journal* (Fall) article posting (online text at www.ic1net.org accessed 7/8/2002).
- . 2007a “Joshua’s Conquest: Did It Happen?” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting (online text at www.4truth.net accessed 11/25/2013).
- . 2007b “Joshua’s Conquest: Was It Justified?” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at www.4truth.net accessed 11/25/2013).
- Bown, Paul R.** 2005. “Calcareous nannoplankton evolution: a tale of two oceans.” *Micropaleontology* **51** (October): 299-308.
- Bowring, S. A., J. P. Grotzinger, C. E. Isachsen, A. H. Knoll, S. M. Pelechaty, & P. Kolosov.** 1993. “Calibrating Rates of Early Cambrian Evolution.” *Science* **261** (3 September): 1193-1298.
- Bowser, S. S., A. Habura, J. M. Bernhard, & J. Pawlowski.** 2006. “Rethinking the test: functional and evolutionary implications.” *Anuário do Instituto de Geociências* (Brazil) **29** (1): online abstract accessed 1/19/2013 (turmalina.igc.usp.br).
- Bowser, Samuel S., & Jeffrey L. Travis.** 2002. “Reticulopodia: Structural and Behavioral Basis

- for the Suprageneric Placement of Granuloreticulosan Protists.” *The Journal of Foraminiferal Research* **32** (October): 440-447.
- Bowyer, Jerry.** 2015. “Gold Is The Money Of The Future: Gilder’s 21st Century Case For Gold.” *Forbes* posting 23 December (online text at www.forbes.com accessed 4/23/2016).
- Box, Jessica A., Jeremy T. Bunch, Wen Tang, & Peter Baumann.** 2008. “Spliceosomal cleavage generates the 3’ end of telomerase RNA.” *Nature* **443** (19 October): 863-866.
- Boxer, Sarah.** 2003. “William Steig, 95, Dies; Tough Youths and Jealous Satyrs Scowled in His Cartoons.” *The New York Times* posting 5 October: online text accessed 2/25/2013 (www.nytimes.com).
- Boxhorn, Joseph.** 1995. “Observed Instances of Speciation.” *The TalkOrigins Archive* posting updated 1 September (online text at talkorigins.org accessed 1/30/2012).
- Boxleitner, Kirk.** 2013. “Religious discussion deepens friendship in Arlington.” *The Arlington Times* (Marysville, Washington) posting 13 March: online text accessed 9/16/2013 (www.arlingtontimes.com).
- Boy, Frederic, Masud Husain, & Petroc Sumner.** 2010. “Unconscious inhibition separates two forms of cognitive control.” *Proceedings of the National Academy of Sciences* **107** (15 June): 11134-11139.
- Boyce, Adrian J., Crispin T. S. Little, & Michael J. Russell.** 2003. “A New Fossil Vent Biota in the Ballynoe Barite Deposit, Silvermines, Ireland: Evidence for Intracratonic Sea-Floor Hydrothermal Activity about 352 Ma.” *Economic Geology* **98** (May): 649-656.
- Boyce, C. Kevin.** 2010. “The evolution of plant development in a paleontological context.” *Current Opinion in Plant Biology* **13** (February): 102-107.
- Boyce, C. Kevin, Mike Abrecht, Dong Zhou, & P. U. P. A. Gilbert.** 2010. “X-ray photoelectron emission spectromicroscopic analysis of arborescent lycopsid cell wall composition and Carboniferous coal ball preservation.” *International Journal of Coal Geology* **83** (August): 146-153.
- Boyce, C. K., R. M. Hazen, & A. H. Knoll.** 2001. “Nondestructive, *in situ*, cellular-scale mapping of elemental abundances including organic carbon in permineralized fossils.” *Proceedings of the National Academy of Sciences* **98** (22 May): 5970-5974.
- Boyce, C. Kevin, & Carol L. Hotton.** 2010. “*Prototaxites* was not a taphonomic artifact.” *American Journal of Botany* **97** (July): 1073.
- Boyce, C. Kevin, Carol L. Hotton, Marilyn L. Fogel, George D. Cody, Robert M. Hazen, Andrew H. Knoll, & Francis M. Huber.** 2007. “Devonian landscape heterogeneity recorded by a giant fungus.” *Geology* **35** (May): 399-402.
- Boyce, C. Kevin, & Maciej A. Zwieniecki.** 2012. “Leaf fossil record suggests limited influence of atmospheric CO₂ on terrestrial productivity prior to angiosperm evolution.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10403-10408.
- Boyce, Kieran, Fabian Sievers, & Desmond G. Higgins.** 2014. “Simple chained guide trees give high-quality protein multiple sequence alignments.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10556-10561.
- Boyce, Richard, Stephen D. Glasgow, Sylvain Williams, & Antoine Adamantidis.** 2016. “Causal evidence for the role of REM sleep theta rhythm in contextual memory consolidation.” *Science* **352** (13 May): 812-816.
- Boyd, Bob, & Geri Boyd.** 2004. *Issues in Education* newsletter posting (online pdf at www.issuesineducation.org accessed 3/3/2012).
- Boyd, Clem.** 2002. “Loosening Darwin’s Grip.” Focus on the Family *Citizen Magazine* posting (online text at www.family.org accessed 3/18/2003).
- Boyd, Clint A., Timothy P. Cleland, Nico L. Marrero, & Julia A. Clarke.** 2011. “Exploring the effects of phylogenetic uncertainty and consensus trees on stratigraphic consistency scores: a new program and a standardized method.” *Cladistics* **27** (February): 52-62.
- Boyd, Clint A., Stephanie K. Drumheller, & Terry A. Gates.** 2013. “Crocodyliform Feeding Traces on Juvenile Ornithischian Dinosaurs from the Upper Cretaceous (Campanian) Kaiparowits Formation, Utah.” *PLoS ONE* (online @ plosone.org) **8** (February): e57605.
- Boyd, Eric.** 2010. “Nitrogenase Evolution.” NAI Workshop Without Walls *Molecular*

- Paleontology and Resurrection* 9 November presentation (online text at *astrobiology.nasa.gov* accessed 11/17/2010).
- Boyd, Eric S., & John W. Peters.** 2013. “New insights into the evolutionary history of biological nitrogen fixation.” *Frontiers in Microbiology* (online @ frontiersin.org) **4** (5 August): 201.
- Boyd, Robert, Herbert Gintis, & Samuel Bowles.** 2010. “Coordinated Punishment of Defectors Sustains Cooperation and Can Proliferate When Rare.” *Science* **328** (30 April): 617-620.
- Boyd, Robert, Herbert Gintis, Samuel Bowles, & Peter J. Richerson.** 2003. “The evolution of altruistic punishment.” *Proceedings of the National Academy of Sciences* **100** (18 March): 3531-3535.
- Boyd, Robert, & Peter J. Richerson.** 2000. “Meme Theory Oversimplifies How Culture Changes.” *Scientific American* **283** (October): 70-71.
- Boyd, Robert, Peter J. Richerson, & Joseph Henrich.** 2011. “The cultural niche: Why social learning is essential for human adaptation.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10918-10925.
- Boyd, Steven W., & Andrew A. Snelling,** eds. 2014. *Grappling with the Chronology of the Genesis Flood: Navigating the Flow of Time in Biblical Narrative*. Green Forest, AR: Master Books.
- Boyer, Doug M., E. Christopher Kirk, Mary T. Silcox, Gregg F. Gunnell, Christopher C. Gilbert, Gabriel S. Yapuncich, Kari L. Allen, Emma Welch, Jonathan I. Bloch, Lauren A. Gonzales, Richard F. Kay, & Erik R. Seiffert.** 2016. “Internal carotid arterial canal size and scaling in Euarchonta: Re-assessing implications for arterial patency and phylogenetic relationships in early fossil primates.” *Journal of Human Evolution* **97** (August): 123-144.
- Boyer, Doug M., Yaron Lipman, Elizabeth St. Clair, Jesus Puente, Biren A. Patel, Thomas Funkhouser, Jukka Jernvall, & Ingrid Daubechies.** 2011. “Algorithms to automatically quantify the geometric similarity of anatomical surfaces.” *Proceedings of the National Academy of Sciences* **108** (8 November): 18221-18226.
- Boyer, Mickaël, Saïd Azza, Lina Barrassi, Thomas Klose, Angélique Campocasso, Isabelle Pagnier, Ghislain Fournuss, Audrey Borg, Catherine Robert, Xinzhen Zhang, Christelle Desnues, Bernard Henrissat, Michael G. Rossmann, Bernard La Scola, & Didier Raoult.** 2011. “Mimivirus shows dramatic genome reduction after intraamoebal culture.” *Proceedings of the National Academy of Sciences* **108** (21 June): 10296-10301.
- Boyer, Mickaël, Gregory Gimenez, Marie Suzan-Monti, & Didier Raoult.** 2010. “Classification and Determination of Possible Origins of ORFans through Analysis of Nucleocytoplasmic Large DNA Viruses.” *Intervirology* **53** (15 June): 310-320.
- Boyer, Mickaël, Natalya Yutin, Isabelle Pagnier, Lina Barrassi, Ghislain Fournous, Leon Espinosa, Catherine Robert, Saïd Assa, Siyang Sun, Michael G. Rossmann, Marie Suzan-Monti, Bernard La Scola, Eugene V. Koonin, & Didier Raoult.** 2009. “Giant Marseillevirus highlights the role of the amoebae as a melting pot in emergence of chimeric microorganisms.” *Proceedings of the National Academy of Sciences* **106** (22 December): 21848-21853.
- Boyer, Pascal.** 2001. *Religion Explained: The Evolutionary Origins of Religious Thought*. New York: Basic Books.
- . 2003. “Religious thought and behavior as by-products of brain function.” *Trends in Cognitive Sciences* **7** (March): 119-124.
- . 2008. “Religion: Bound to believe?” *Nature* **455** (23 October): 1038-1039.
- . 2009. “Extending the range of adaptive misbelief: Memory ‘distortions’ as functional features.” *Behavioral and Brain Sciences* **32** (6): 513-514.
- Boyer, Paul.** 1992. *When Time Shall Be No More: Prophecy Belief in Modern American Culture*. Cambridge, MA: Belknap Press (Harvard University Press).
- Boyer, Paul, & Stephen Nissenbaum.** 1974. *Salem Possessed: The Social Origins of Witchcraft*. Cambridge, MA: Harvard University Press.
- Boyer, Paul D.** 2002. “A Research Journey with ATP Synthase.” *The Journal of Biological*

- Chemistry* **277** (18 October): 39045-39061.
- Boyet, Maud, Richard W. Carlson, & Mary Horan.** 2010. "Old Sm-Nd ages for cumulate eucrites and redetermination of the solar system initial $^{146}\text{Sm}/^{144}\text{Sm}$ ratio." *Earth and Planetary Science Letters* **291** (1 March): 172-181.
- Boykin, William G.** 2013a. "Urge Pentagon to scrub plan to court-martial Christians." *Alert: Take Action* 29 April posting (online text via *frc.org* accessed 4/30/2013).
- . 2013b. "Help stop media bias on religious freedom." *Alert: Take Action* 14 August posting (online text via *frc.org* accessed 8/14/2013).
- . 2015a. "Another Chaplain Needs Your Help!" *Alert: Take Action* 10 March posting (online text via *frc.org* accessed 3/10/2015).
- . 2015b. "Help Us Stop the Battle against Our Armed Forces." *Alert: Take Action* 17 April posting (online text via *frc.org* accessed 4/17/2015).
- . 2016. "Take Action: USAF Veteran Assaulted for Free Speech." *Alert: Take Action* 20 June posting (online text via *frc.org* accessed 6/20/2016).
- . 2017. "Obama era government thugs threaten Christian business owners." *Alert: Take Action* 10 May posting (online text via *frc.org* accessed 5/14/2017).
- Boylan, Patrick J.** 1997. "William Buckland (1785-1856) and the foundations of taphonomy and palaeoecology." *Archives of Natural History* **24** (3): 361-372.
- Boyle, Alan P., Carlos L. Araya, Cathleen Brdlik, Philip Cayting, Chao Cheng, Yong Cheng, Kathryn Gardner, LaDeanna W. Hillier, Judith Janette, Lixia Jiang, Dionna Kasper, Trupti Kawli, Pouya Kheradpour, Anshul Kundaje, Jingyi Jessica Li, Lijia Ma, Wei Niu, E. Jay Rehm, Joel Rozowsky, Matthew Slattery, Rebecca Spokony, Robert Terrell, Dionne Vafeados, Daifeng Wang, Peter Weissdepp, Yi-Chieh Wu, Dan Xie, Koon-Kiu Yan, Elise A. Feingold, Peter J. Good, Michael J. Pazin, Haiyan Huang, Peter J. Bickel, Steven E. Brenner, Valerie Reinke, Robert H. Waterston, Mark Gerstein, Kevin P. White, Manolis Kellis, & Michael Snyder.** 2014. "Comparative analysis of regulatory information and circuits across distant species." *Nature* **512** (28 August): 453-456.
- Boyle, David.** 2008. *Toward the Setting Sun: Columbus, Cabot, Vespucci, and the Race for America*. New York: Walker & Co.
- Boyle, Katherine, Ryan J. Rabett, & Chris O. Hunt,** eds. 2014. *Living in the Landscape: Essays in Honour of Graeme Barker*. Cambridge: McDonald Institute for Archaeological Research Cambridge University Press.
- Boyle, Lydia P.** 2000. "Lee Strobel: An Inquiring Mind Led Him to Christ." *Hour of Power* undated posting (online text at *www.hourofpower.org* accessed 5/2/2001, not available as of 10/25/2014).
- Boyle, R. A., J. R. Clark, S. W. Poulton, G. Shields-Zhou, D. E. Canfield, & T. M. Lenton.** 2013. "Nitrogen cycle feedbacks as a control on euxinia in the mid-Proterozoic ocean." *Nature Communications* (online @ nature.com) **4** (26 February): 1533.
- Boyle, Tim.** 2007. "Creationism vs. Evolution." (Online PowerPoint text at *tobeonyourguard.com* accessed 10/19/2009).
- Boyles, Deron, & Jim Garrison.** 2017. "The Mind is Not the Brain: John Dewey, Neuroscience, and Avoiding the Mereological Fallacy." *Dewey Review* **1** (Spring): 111-130.
- Boys, Don.** 1997. "Evolution Is A Farce, A Fraud, A Fake And A Faith!" *The Facts As I See Them...* posting (online text at *www.cstnews.com* accessed 4/25/2011).
- . 2005. "ABC News: Boys is too Militant!" *CSTNews* posting 23 August (online text at *www.cstnews.com* accessed 4/25/2011).
- . 2006. "Was the Flood World-Wide?" *CSTNews* posting 22 April (online text at *www.cstnews.com* accessed 4/25/2011).
- . 2007. "Bomb Islam's Holy Cities into the Stone Age!" *Slantright* posting 17 July (online text at *www.slantright.com* accessed 4/25/2011).
- . 2009a. "Bring Back Anti-Sodomy Laws!" *The Covenant News* posting 22 August (online text at *www.covenantnews.com* accessed 4/25/2011).
- . 2009b. "No Dogs, Ducks, or Dinosaurs in Heaven; Not Even Cats, Cows or Crows!" *CSTNews* posting 18 September (online text at *www.cstnews.com* accessed 4/25/2011).

- . 2010a. “Almost A Thousand Major Scientists Dissent From Darwin.” *Conservative Truth* posting 10 May (online text at www.conservativetruth.org accessed 4/25/2011).
- . 2010b. “President Obama, I Request Your Help!” *Publius Forum* posting 20 August (online text at www.publiusforum.com accessed 4/25/2011).
- . 2010c. “Atheists Don’t Know The Difference In Chicken Soup And Chicken Poop!” *Conservative Truth* posting 25 October (online text at www.conservativetruth.org accessed 4/25/2011).
- . 2010d. “Obama is not my President: He Promised the Moon and is Bringing us Doom!” *Publius Forum* posting 11 November (online text at www.publiusforum.com accessed 4/25/2011).
- . 2010e. “Bomb Mecca and Medina if U.S. Attacked!” *Publius Forum* posting 15 December (online text at www.publiusforum.com accessed 4/25/2011).
- Boysen, Sally, with Deborah Custance.** 2009. *The Smartest Animals on the Planet: Extraordinary Tales of the Natural World’s Cleverest Creatures*. Buffalo, NY: Firefly Books.
- Boysson-Bardies, Bénédicte de,** trans. Malcolm B. De Beroise. 1999. *How Language Comes to Children: From Birth to Two Years*. Cambridge, MA: A Bradford Book (MIT Press).
- Boyum, Gerald J.** 2013. “Stance against evolution no reason to oppose candidate.” *Standard-Examiner* (Ogden, Utah) 4 September letter to the editor: online text accessed 10/21/2013 (www.standard.net).
- Boze, David.** 2011. “‘Anti-Science’: Unpacking a Vague & Distorted Label.” *ID The Future* 24 October podcast posting (online MP3 at intelligentdesign.podomatic.com accessed 12/21/2012).
- Bozell, L. Brent III.** 2008. “Ben Stein vs. Sputtering Atheists.” *The Schwarz Report: A Publication of the Christian Anti-Communism Crusade* April 2009 reprint of 18 April *Townhall.com* article (online pdf at www.schwarzreport.org accessed 7/8/2014).
- Bozic, Ivana, & Martin A. Nowak.** 2013. “Unwanted Evolution.” *Science* **342** (22 November): 938-939.
- Bozic, Mirjana, Lorraine K. Tyler, David T. Ives, Billi Randall, & William D. Marslen-Wilson.** 2010. “Bihemispheric foundations for human speech comprehension.” *Proceedings of the National Academy of Sciences* **107** (5 October): 17439-17444.
- Braakman, Rogier.** 2013. “Mapping metabolism onto the prebiotic organic chemistry of hydrothermal vents.” *Proceedings of the National Academy of Sciences* **110** (13 August): 13236-13237.
- Braakman, Rogier, Michael J. Follows, & Sallie W. Chisholm.** 2017. “Metabolic evolution and the self-organization of ecosystems.” *Proceedings of the National Academy of Sciences* **114** (11 April): E3091-E3100.
- Braakman, Rogier, & Eric Smith.** 2012. “The Emergence and Early Evolution of Biological Carbon-Fixation.” *PLoS Computational Biology* (online @ ploscompbiol.org) **8** (April): e1002455.
- . 2013. “The compositional and evolutionary logic of metabolism.” *Physical Biology* **10** (February): 011001.
- Braasch, Ingo, & John H. Postlethwait.** 2011. “The teleost *agouti*-related protein 2 gene is an ortholog gone missing from the tetrapod genome.” *Proceedings of the National Academy of Sciences* **107** (23 November): E47-E48.
- Braasch, Ingo, & Walter Salzburger.** 2009. “*In ovo omnia*: diversification by duplication in fish and other vertebrates.” *Journal of Biology* (online @ jbiol.com) **8** (5 March): 25.
- Braasch, Ingo, Jean-Nicolas Volf, & Manfred Schartl.** 2009. “The Endothelin System: Evolution of Vertebrate-Specific Ligand-Receptor Interactions by Three Rounds of Genome Duplication.” *Molecular Biology and Evolution* **26** (April): 783-799.
- Brace, C. Loring.** 1986. “Creationists and the Pithecanthropines.” *Creation/Evolution* **6** (Winter): 16-23.
- . 1990. “Science Has No Doubts on Theory of Evolution: Not Darwin’s Phrase.” *The New York Times Opinion* letter posting 5 January (online text at www.nytimes.com accessed

- 12/21/2016).
- . 2007. “Human Emergence: Natural Process or Divine Creation?” in Petto & Godfrey (2007, 272-306).
- Brace, C. Loring, A. Russell Nelson, Noriko Seguchi, Hiroaki Oe, Leslie Sering, Pan Qifeng, Li Yongyi, & Dashtseveg Tumen.** 2001. “Old World sources for the first New World human inhabitants: A comparative craniofacial view.” *Proceedings of the National Academy of Sciences* **98** (14 August): 10017-10022.
- Brace, C. Loring, Noriko Seguchi, Conrad B. Quintyn, Sherry C. Fox, A. Russell Nelson, Sotiris K. Manolis, & Pan Qifeng.** 2006. “The questionable contribution of the Neolithic and the Bronze Age to European craniofacial form.” *Proceedings of the National Academy of Sciences* **103** (3 January): 242-247.
- Brace, Robin A.** 2009. “Accessible Evidences of a Young Earth.” *UK Apologetics* 17 March posting (online text via www.ukapologetics.net accessed 12/31/2013).
- . 2010. “Charles Darwin (1809-1882): *Its Time for the Truth to be Told.*” *UK Apologetics* update of 2006 posting (online text via www.ukapologetics.net accessed 12/31/2013).
- Brace, Selina, Eleftheria Palkopoulou, Love Dalén, Adrian M. Lister, Rebecca Miller, Marcel Otte, Mietje Germonpré, Simon P. E. Blockley, John R. Stewart, & Ian Barnes.** 2012. “Serial population extinctions in a small mammal indicate Late Pleistocene ecosystem instability.” *Proceedings of the National Academy of Sciences* **109** (11 December): 20532-20536.
- Bracey, Gerald W.** 1997. “What Happened to America’s Public Schools?” *American Heritage* **48** (November): 38-41, 44, 46-48, 52.
- Bracht, John.** 2001. “Inventions, Algorithms, and Biological Design.” *International Society For Complexity, Information, and Design* posting (online pdf at iscid.org accessed 9/22/2011).
- Bracht, John R., David H. Perlman, & Laura F. Landweber.** 2012. “Cytosine methylation and hydroxymethylation mark DNA for elimination in *Oxytricha trifallax*.” *Genome Biology* (online @ genomebiology.com) **13** (17 October): R99.
- Brack, André,** ed. 1998. *The Molecular Origins of Life: Assembling pieces of the puzzle.* Cambridge: Cambridge University Press.
- Bracken-Grissom, Heather D., Shane T. Ah Yong, Richard D. Wilkinson, Rodney M. Feldmann, Carrie E. Schweitzer, Jesse W. Breinholt, Matthew Bendall, Ferran Palero, Tin-Yam Chan, Darryl L. Felder, Rafael Robles, Ka-Hou Chu, Ling-Ming Tsang, Dohyup Kim, Joel W. Martin, & Keith A. Crandall.** 2014. “The Emergence of the Lobsters: Phylogenetic Relationships, Morphological Evolution and Divergence Time Comparisons of an Ancient Group (Decapoda: Achelata, Astacidea, Glypheidea, Polychelida).” *Systematic Biology* **63** (July): 457-479.
- Braconi, Chiara, Nicola Valeri, Takayuki Kogure, Pierluigi Gasparini, Nianyuan Huang, Gerard J. Nuovo, Luigi Terracciano, Carlo M. Croce, & Tushar Patel.** 2011. “Expression and functional role of a transcribed noncoding RNA with an ultraconserved element in hepatocellular carcinoma.” *Proceedings of the National Academy of Sciences* **108** (11 January): 786-791.
- Bradbury, David A.** 1993. “Reply to Landau and Landau.” *Creation/Evolution* **13** (Winter): 48-49.
- Bradbury, Jane.** 2005. “Molecular Insights into Human Brain Evolution.” *PLoS Biology* (online @ plosbiology.org) **3** (March): e50.
- Braddock, Matthew C.** 2009. “Evolutionary psychology’s moral implications.” *Biology and Philosophy* **24** (September): 531-540.
- Bradford, Ernle.** 1963. *Ulysses Found.* New York: Harcourt, Brace & Worlds.
- Bradford, Henry.** 2012. “Murray Energy Corp. CEO Enters ‘Survival Mode’ After Obama Reelection, Announces Layoffs.” *Huffington Post* posting 9 November (online text at huffingtonpost.com accessed 11/10/2012).
- Bradford, Justin A., & Ken A. Dill.** 2007. “Stochastic innovation as a mechanism by which catalysts might self-assemble into chemical reaction networks.” *Proceedings of the National Academy of Sciences* **104** (12 June): 10098-10103.

- Bradford, Katie.** 2008. “Kangaroos ‘closely related’ to humans.” *Sydney Morning Herald* (Australia) posting 18 November: online text accessed 6/2/2016 (www.smh.com.au).
- Bradic, Martina, Peter Beerli, Francisco J. García-de León, Sarai Esquivel-Bobadilla, & Richard L. Borowsky.** 2012. “Gene flow and population structure in Mexican blind cavefish complex (*Astyanax mexicanus*.)” *BMC Evolutionary Biology* (online @ biomedcentral.com) **12** (23 January): 9.
- Bradler, Sven, & Thomas R. Buckley.** 2011. “Stick insect on unsafe ground: does a fossil from the early Eocene of France really link Mesozoic taxa with the extant crown group of Phasmatodea?” *Systematic Entomology* **36** (April): 218-222.
- Bradley, Alexander S.** 2016. “The sluggish speed of making abiotic methane.” *Proceedings of the National Academy of Sciences* **113** (6 December): 13944-13946.
- Bradley, Brenda J.** 1999. “Levels of Selection, Altruism, and Primate Behavior.” *The Quarterly Review of Biology* **74** (June): 171-194.
- . 2008. “Reconstructing phylogenies and phenotypes: a molecular view of human evolution.” *Journal of Anatomy* **212** (April): 337-353.
- Bradley, David.** 1994. “A New Twist in the Tale of Nature’s Asymmetry.” *Science* **264** (13 May): 908.
- . 2002. “The Genome Chose Its Alphabet With Care.” *Science* **297** (13 September): 1789, 1791.
- Bradley, Gerald V., Helen M. Alvaré, Hadley P. Arkes, George W. Dent, Matthew J. Frank, Robert P. George, Mary Ann Glendon, Michael P. Moreland, & Steven D. Smith.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).
- Bradley, Gerald V., & Paul McHugh.** 2013. Brief *Amicus Curiae* 24 January re: *Hollingsworth et al. v. Kristin M. Perry* (online pdf at www.americanbar.org accessed 5/27/2014).
- Bradley, John P., Hope A. Ishii, Jeffrey J. Gillis-Davis, James Ciston, Michael A. Nielsen, Hans A. Bechtel, & Michael C. Martin.** 2014. “Detection of solar wind-produced water in irradiated rims on silicate minerals.” *Proceedings of the National Academy of Sciences* **111** (4 February): 1732-1735.
- Bradley, Raymond S.** 2011. *Global Warming and Political Intimidation: How Politicians Cracked Down on Scientists as the Earth Heated Up*. Cambridge, MA: MIT Press.
- Bradley, Raymond S., & John H. England.** 2008. “The Younger Dryas and the Sea of Ancient Ice.” *Quaternary Research* **70** (July): 1-10.
- Bradley, Timothy J., Adriana D. Briscoe, Seán G. Brady, Heidi L. Contreras, Bryan N. Danforth, Robert Dudley, David Grimaldi, Jon F. Harrison, J. Alexander Kaiser, Christine Merlin, Steven M. Reppert, John M. VandenBrooks, & Steve P. Yanoviak.** 2009. “Episodes in insect evolution.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **49** (May): 590-606.
- Bradley, Walter L.** 2001. “Why I Believe the Bible Is Scientifically Reliable,” in Geisler & Hoffman (2001, 175-196).
- . 2004. “Information, entropy and the origin of life,” in Dembski & Ruse (2004, 331-351).
- . 2009. “The Origin of Life.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/25/2013).
- Bradley, W. H.** 1930. “The varves and climate of the Green River Epoch.” U.S. Department of the Interior *Geological Survey Professional Paper 156*: 87-110.
- Bradshaw, Corey J. A., & Barry W. Brook.** 2014. “Human population reduction is not a quick fix for environmental problems.” *Proceedings of the National Academy of Sciences* **111** (18 November): 16610-16615.
- Bradshaw, H. D. Jr., Kevin G. Otto, Barbara E. Frewen, John K. McKay, & Douglas W. Schemske.** 1998. “Quantitative Trait Loci Affecting Differences in Floral Morphology Between Two Species of Monkeyflower (*Mimulus*.)” *Genetics* **149** (May): 367-382.
- Bradshaw, Robert I.** 1998. “Marcion: Portrait of a Heretic.” *Early Church* posting (online text at www.earlychurch.org.uk accessed 10/28/2014).

- . 1999. “Creationism & the Early Church.” *Creationism & the Early Church* posting (online text at www.robibradshaw.com accessed 10/28/2014).
- Brady, Ronald H.** 1979. “Natural Selection and the Criteria by Which a Theory Is Judged.” *Systematic Biology* **28** (December): 600-621.
- . 1982. “Dogma and Doubt.” *Biological Journal of the Linnean Society* **17** (February): 79-96.
- Brady, Seán G.** 2003. “Evolution of the army ant syndrome: The origin and long-term evolutionary stasis of a complex of behavioral and reproductive adaptations.” *Proceedings of the National Academy of Sciences* **100** (27 May): 6575-6579.
- Brady, Seán G., Ted R. Schultz, Brian L. Fisher, & Philip S. Ward.** 2006. “Evaluating alternative hypotheses for the early evolution and diversification of ants.” *Proceedings of the National Academy of Sciences* **103** (28 November): 18172-18177.
- Brady, Troy, Young Nam Lee, Keshet Ronen, Nirav Malani, Charles C. Berry, Paul D. Bieniasz, & Frederic D. Bushman.** 2009. “Integration target site selection by a resurrected human endogenous retrovirus.” *Genes & Development* **23** (1 March): 633-642.
- Braghine, A.** 1940. *The Shadow of Atlantis*. New York: Dutton.
- Brain, C. K. “Bob”, Anthony R. Prave, Karl-Heinz Hoffmann, Anthony E. Fallick, Andre Botha, Donald A. Herd, Craig Sturrock, Iain Young, Daniel J. Condon, & Stuart G. Allison.** 2012. “The first animals: ca. 760-million-year-old sponge-like fossils from Namibia.” *South African Journal of Science* (online @ www.sajs.co.za) **108** (1/2): 18 January posting 8 pp.
- Brain, William.** 2007a. “Chapter 5 – Why won’t God heal amputees?” *Why won’t God heal amputees?* book chapter posting (online text at whywontgodhealamputees.com accessed 9/2/2013).
- . 2007b. “Chapter 26 – What does it all mean?” *Why won’t God heal amputees?* book chapter posting (online text at whywontgodhealamputees.com accessed 9/2/2013).
- . 2011. “Proof #13 – Take a look at slavery.” *God is imaginary* undated posting (online text at godisimaginary.com accessed 9/2/2013).
- . 2012. “Is God real, or is he imaginary?” *Why won’t God heal amputees?* 21 February updated posting (online text at whywontgodhealamputees.com accessed 4/8/2012).
- Brainard, Michael S., & Allison J. Doupe.** 2002. “What songbirds teach us about learning.” *Nature* **417** (16 May): 351-358.
- Brainerd, E. L.** 1999. “New perspectives on the evolution of lung ventilation mechanisms in vertebrates.” *Experimental Biology Online* **4** (December No. 2): 11-28.
- Brainerd, Elizabeth L., & Lara A. Ferry-Graham.** 2006. “Mechanics of Respiratory Pumps,” in Shadwick & Lauder (2006, 1-28).
- Brake, S. S., S. T. Hasiotis, H. K. Dannelly, & K. A. Connors.** 2002. “Eukaryotic stromatolite builders in acid mine drainage: Implications for Precambrian iron formations and oxygenation of the atmosphere?” *Geology* **30** (July): 599-602.
- Brakefield, Paul M.** 2011. “Evo-devo accounting for Darwin’s endless forms.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (27 July): 2069-2075.
- Bralower, T. J., D. J. Thomas, J. C. Zachos, M. M. Hirschmann, U. Röhl, H. Sigurdsson, E. Thomas, & D. L. Whitney.** 1997. “High-resolution records of the late Paleocene thermal maximum and circum-Caribbean volcanism: Is there a casual link?” *Geology* **25** (November): 963-966.
- Bramanti, B., M. G. Thomas, W. Haak, M. Unterlaender, P. Jores, K. Tambets, I. Antanaltis-Jacobs, M. N. Haidle, R. Jankauskas, C.-J. Kind, F. Lueth, T. Terberger, J. Hiller, S. Matsumura, P. Forster, & J. Burger.** 2009. “Genetic Discontinuity Between Local Hunter-Gatherers and Central Europe’s First Farmers.” *Science* **326** (2 October): 137-140.
- Bramble, Dennis M., & Daniel E. Lieberman.** 2004. “Endurance running and the evolution of *Homo*.” *Nature* **432** (18 November): 345-352.
- Bramlett, James.** 2003. *The Power! What it is. How to get it—now! How to release it.*

- Longwood, FL: Xulon Press.
- . 2006. *The Top Ten Mysteries of the Bible—Revealed and Explained!* Baltimore: Publish America.
- . 2011. “The U.S. Supreme Court Radically Reverses Itself!” Undated posting (online text at www.choicesforliving.com accessed 6/18/2011).
- Branagan, David.** 2009. “Some nineteenth- and twentieth-century Australian geological clerics.” *Geological Society, London, Special Publications* **310**: 171-195.
- Branch, Chris.** 2014. “Stephen King Has A ‘Tendency To Believe In Intelligent Design’.” *Huffpost Religion* posting 25 September (online text at huffingtonpost.com accessed 10/1/2014).
- Branch, Glenn.** 2002a. “Farewell to the Santorum Amendment?” *Reports of the National Center for Science Education* **22** (January-April): online text accessed 6/29/2009 (ncse.com).
- . 2002b. “Quote-Mining Comes to Ohio.” *Reports of the National Center for Science Education* **22** (July-August): 11-13.
- . 2004a. “Flood Geology in the Grand Canyon.” *Reports of the National Center for Science Education* **24** (January-February): online text accessed 6/29/2009 (ncse.com).
- . 2004b. “The Latest Polls on Creationism and Evolution.” *Reports of the National Center for Science Education* **24** (September-October): online text accessed 6/29/2009 (ncse.com).
- . 2005. “President Bush Addresses ‘Intelligent Design’.” *Reports of the National Center for Science Education* **25** (May-June): 13-14.
- . 2006a. “‘Critical Analysis’ Defeated in Ohio.” *Reports of the National Center for Science Education* **26** (May-June): 7-11.
- . 2006b. “‘Critical Analysis’ in Ohio.” *Reports of the National Center for Science Education* **26** (July-August): 9-11.
- . 2007a. “Renewed Concern About Creationism at Grand Canyon National Park.” *Reports of the National Center for Science Education* **27** (May-August): 15-16.
- . 2007b. “The Rise and Fall of the Vitter Earmark.” *Reports of the National Center for Science Education* **27** (September-December): 9-12.
- . 2008a. “A Setback for the ICR in Texas.” *Reports of the National Center for Science Education* **28** (March-April): 11-15.
- . 2008b. “‘Expelled’ and the Reviewers.” *Reports of the National Center for Science Education* **28** (September-December): 24-25.
- . 2008c. “Divergence over ‘Expelled’.” *Reports of the National Center for Science Education* **28** (September-December): 52-53.
- . 2010. “The Latest ‘Intelligent Design’ Journal.” *Reports of the National Center for Science Education* **30** (November-December): 10-13.
- . 2011. “Introduction.” *Synthese* **178** (January #2): 171-176.
- . 2013a. “Kentucky’s A-minus defense of evolution.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 29.
- . 2013b. “How Many Creationists in Science?” National Center for Science Education *Science League of America* 3 September posting (online text via ncse.com accessed 6/20/2014).
- . 2013c. “Did Paley Anticipate Behe?” National Center for Science Education *Science League of America* 17 September posting (online text via ncse.com accessed 1/27/2014).
- . 2013d. “Marie Curie’s Voice for Evolution.” National Center for Science Education *Science League of America* 24 October posting (online text via ncse.com accessed 7/26/2014).
- . 2013e. “Falsifia-behe-lity.” National Center for Science Education *Science League of America* 28 November posting (online text via ncse.com accessed 1/29/2014).
- . 2013f. “Conant the Barbarian? Part 1.” National Center for Science Education *Science League of America* 10 December posting (online text via ncse.com accessed 12/14/2013).
- . 2013g. “Conant the Barbarian? Part 2.” National Center for Science Education *Science League of America* 12 December posting (online text via ncse.com accessed 12/14/2013).
- . 2013h. “The Mysterious Mr. Moore, Part 1.” National Center for Science Education

- Science League of America* 17 December posting (online text via *ncse.com* accessed 12/24/2013).
- . 2013i. “The Mysterious Mr. Moore, Part 2.” National Center for Science Education *Science League of America* 19 December posting (online text via *ncse.com* accessed 12/24/2013).
- . 2013j. “Censoring Evolution in the Senate?” National Center for Science Education *Science League of America* 26 December posting (online text via *ncse.com* accessed 12/27/2013).
- . 2014a. “Goliath in the Peloponnese.” National Center for Science Education *Science League of America* 2 January posting (online text via *ncse.com* accessed 1/3/2014).
- . 2014b. “Falsifia-behe-lity on the Edge.” National Center for Science Education *Science League of America* 7 January posting (online text via *ncse.com* accessed 1/29/2014).
- . 2014c. “Darwin in Lincoln.” National Center for Science Education *Science League of America* 9 January posting (online text via *ncse.com* accessed 1/20/2014).
- . 2014d. “Falsifiability Dembski-Style, Part 1.” National Center for Science Education *Science League of America* 14 January posting (online text via *ncse.com* accessed 1/29/2014).
- . 2014e. “Falsifiability Dembski-Style, Part 2.” National Center for Science Education *Science League of America* 21 January posting (online text via *ncse.com* accessed 1/29/2014).
- . 2014f. “The Two Woodrows, Part 1.” National Center for Science Education *Science League of America* 23 January posting (online text via *ncse.com* accessed 2/1/2014).
- . 2014g. “No Dominion for Creationism, Part 1.” National Center for Science Education *Science League of America* 28 January posting (online text via *ncse.com* accessed 1/29/2014).
- . 2014h. “The Two Woodrows, Part 2.” National Center for Science Education *Science League of America* 30 January posting (online text via *ncse.com* accessed 2/1/2014).
- . 2014i. “No Dominion for Creationism, Part 2.” National Center for Science Education *Science League of America* 4 February posting (online text via *ncse.com* accessed 2/17/2014).
- . 2014j. “Searching for F. E. Dean, Part 1.” National Center for Science Education *Science League of America* 6 February posting (online text via *ncse.com* accessed 2/17/2014).
- . 2014k. “Berlatsky’s History Lesson, Part 1.” National Center for Science Education *Science League of America* 11 February posting (online text via *ncse.com* accessed 2/21/2014).
- . 2014l. “Searching for F. E. Dean, Part 2.” National Center for Science Education *Science League of America* 13 February posting (online text via *ncse.com* accessed 2/17/2014).
- . 2014m. “Searching for F. E. Dean, Part 3.” National Center for Science Education *Science League of America* 20 February posting (online text via *ncse.com* accessed 3/7/2014).
- . 2014n. “Fermi in Missouri.” National Center for Science Education *Science League of America* 25 February posting (online text via *ncse.com* accessed 3/7/2014).
- . 2014o. “Searching for F. E. Dean, Part 4.” National Center for Science Education *Science League of America* 27 February posting (online text via *ncse.com* accessed 3/7/2014).
- . 2014p. “Searching for F. E. Dean, Part 5.” National Center for Science Education *Science League of America* 6 March posting (online text via *ncse.com* accessed 3/7/2014).
- . 2014q. “Bryan’s Missing Witness, Part 1.” National Center for Science Education *Science League of America* 11 March posting (online text via *ncse.com* accessed 9/4/2015).
- . 2014r. “Bryan’s Missing Witness, Part 2.” National Center for Science Education *Science League of America* 13 March posting (online text via *ncse.com* accessed 9/4/2015).
- . 2014s. “Dr. Etheridge, Fossilologist, Part 1.” National Center for Science Education *Science League of America* 19 March posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014t. “Dr. Etheridge, Fossilologist, Part 2.” National Center for Science Education

- Science League of America* 20 March posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014u. “Dr. Etheridge, Fossilologist, Part 3.” National Center for Science Education *Science League of America* 25 March posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014v. “Dr. Etheridge, Fossilologist, Part 4.” National Center for Science Education *Science League of America* 27 March posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014w. “Intervening in First Things.” National Center for Science Education *Science League of America* 1 April posting (online text via *ncse.com* accessed 4/10/2014).
- . 2014x. “Teaching the Controversy in Rialto.” National Center for Science Education *Science League of America* 15 May posting (online text via *ncse.com* accessed 5/16/2014).
- . 2014y. “Party Time! Part 1.” National Center for Science Education *Science League of America* 20 May posting (online text via *ncse.com* accessed 5/23/2014).
- . 2014z. “Party Time! Part 2.” National Center for Science Education *Science League of America* 22 May posting (online text via *ncse.com* accessed 5/23/2014).
- . 2014aa. “Party Time! Part 3.” National Center for Science Education *Science League of America* 27 May posting (online text via *ncse.com* accessed 5/31/2014).
- . 2014ab. “Party Time! Part 4.” National Center for Science Education *Science League of America* 29 May posting (online text via *ncse.com* accessed 5/31/2014).
- . 2014ac. “What Price a Milestone?” National Center for Science Education *Science League of America* 17 June posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014ad. “Bryan’s Quartet, Part 1.” National Center for Science Education *Science League of America* 19 June posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014ae. “Bryan’s Quartet, Part 2.” National Center for Science Education *Science League of America* 24 June posting (online text via *ncse.com* accessed 6/27/2014).
- . 2014af. “Bryan’s Quartet, Part 3.” National Center for Science Education *Science League of America* 26 June posting (online text via *ncse.com* accessed 6/27/2014).
- . 2014ag. “In the Orbit of McLean.” National Center for Science Education *Science League of America* 1 July posting (online text via *ncse.com* accessed 8/10/2014).
- . 2014ah. “Everitt versus Midgley, Part 1.” National Center for Science Education *Science League of America* 3 July posting (online text via *ncse.com* accessed 7/11/2014).
- . 2014ai. “Everitt versus Midgley, Part 2.” National Center for Science Education *Science League of America* 8 July posting (online text via *ncse.com* accessed 7/11/2014).
- . 2014aj. “Everitt versus Midgley, Part 3.” National Center for Science Education *Science League of America* 10 July posting (online text via *ncse.com* accessed 7/11/2014).
- . 2014ak. “Albert Einstein’s Voice for Evolution.” National Center for Science Education *Science League of America* 22 July posting (online text via *ncse.com* accessed 7/26/2014).
- . 2014al. “Glorious Nation of Kazakhstan.” National Center for Science Education *Science League of America* 24 July posting (online text via *ncse.com* accessed 7/26/2014).
- . 2014am. “The Return of the Fellowship of the Two Models.” National Center for Science Education *Science League of America* 25 July posting (online text via *ncse.com* accessed 8/4/2014).
- . 2014an. “Voliva!” National Center for Science Education *Science League of America* 5 August posting (online text via *ncse.com* accessed 8/10/2014).
- . 2014ao. “The Rim at the End of the World.” National Center for Science Education *Science League of America* 12 August posting (online text via *ncse.com* accessed 8/15/2014).
- . 2014ap. “Censoring Darrow.” National Center for Science Education *Science League of America* 22 August posting (online text via *ncse.com* accessed 8/29/2014).
- . 2014aq. “Bryan Misquotes Darwin, Part 1.” National Center for Science Education *Science League of America* 26 August posting (online text via *ncse.com* accessed 8/29/2014).
- . 2014ar. “Bryan Misquotes Darwin, Part 2.” National Center for Science Education *Science League of America* 28 August posting (online text via *ncse.com* accessed

- 8/29/2014).
- . 2014as. “Seven Myths about Ussher.” National Center for Science Education *Science League of America* 23 October posting (online text via *ncse.com* accessed 10/24/2014).
 - . 2014at. “Riled about Haeckel.” National Center for Science Education *Science League of America* 28 October posting (online text via *ncse.com* accessed 10/31/2014).
 - . 2014au. “Darrow’s Examination of Bryan Prefigured.” National Center for Science Education *Science League of America* 11 November posting (online text via *ncse.com* accessed 11/14/2014).
 - . 2014av. “Eighty-Plus Theories, Part 1.” National Center for Science Education *Science League of America* 13 November posting (online text via *ncse.com* accessed 12/1/2014).
 - . 2014aw. “Eighty-Plus Theories, Part 2.” National Center for Science Education *Science League of America* 18 November posting (online text via *ncse.com* accessed 12/1/2014).
 - . 2014ax. “Eighty-Plus Theories, Part 3.” National Center for Science Education *Science League of America* 21 November posting (online text via *ncse.com* accessed 12/1/2014).
 - . 2014ay. “Eighty-Plus Theories, Part 4.” National Center for Science Education *Science League of America* 25 November posting (online text via *ncse.com* accessed 12/1/2014).
 - . 2014az. “Whence Lumpers and Splitters.” National Center for Science Education *Science League of America* 2 December posting (online text via *ncse.com* accessed 12/5/2014).
 - . 2014ba. “A Pseudo-Darwin Quotation, Part 1.” National Center for Science Education *Science League of America* 23 December posting (online text via *ncse.com* accessed 1/6/2015).
 - . 2014bb. “A Pseudo-Darwin Quotation, Part 2.” National Center for Science Education *Science League of America* 25 December posting (online text via *ncse.com* accessed 1/6/2015).
 - . 2015a. “Proof & God.” *Skeptics Society* 20 January *eSkeptic* posting (online text at *www.skeptic.com* accessed 4/24/2015).
 - . 2015b. “Who Was von Flussen?” National Center for Science Education *Science League of America* 29 January posting (online text via *ncse.com* accessed 1/31/2015).
 - . 2015c. “The Aukward Truth.” National Center for Science Education *Science League of America* 25 February posting (online text via *ncse.com* accessed 2/27/2015).
 - . 2015d. “Haeckeling Darwin with a Full Nelson.” National Center for Science Education *Science League of America* 3 April posting (online text via *ncse.com* accessed 4/3/2015).
 - . 2015e. “Whence Fact, Theory, and Path?” National Center for Science Education *Science League of America* 10 April posting (online text via *ncse.com* accessed 4/17/2015).
 - . 2015f. “Marse Robert Again.” National Center for Science Education *Science League of America* 16 June posting (online text via *ncse.com* accessed 6/19/2015).
 - . 2015g. “The Real McCann.” National Center for Science Education *Science League of America* 19 August posting (online text via *ncse.com* accessed 9/4/2015).
 - . 2015h. “The Elephant in the Room.” National Center for Science Education *Science League of America* 7 October posting (online text via *ncse.com* accessed 10/19/2015).
 - . 2015i. “Defending the Disclaimer with a Convenient ...” National Center for Science Education *Science League of America* 14 October posting (online text via *ncse.com* accessed 10/19/2015).
 - . 2015j. “As You Likert.” National Center for Science Education *Science League of America* 22 October posting (online text via *ncse.com* accessed 10/23/2015).
 - . 2015k. “Weaseling It Right At Last.” National Center for Science Education *Science League of America* 27 November posting (online text via *ncse.com* accessed 12/1/2015).
 - . 2015l. “Tracking Dr. Traas, Part 1.” National Center for Science Education *Science League of America* 4 December posting (online text via *ncse.com* accessed 12/18/2015).
 - . 2015m. “Tracking Dr. Traas, Part 2.” National Center for Science Education *Science League of America* 9 December posting (online text via *ncse.com* accessed 12/18/2015).
 - . 2015n. “Tracking Dr. Traas, Part 3.” National Center for Science Education *Science League of America* 16 December posting (online text via *ncse.com* accessed 12/18/2015).
 - . 2016a. “Misquoting Murchison.” National Center for Science Education *Science League*

- of America* 20 January posting (online text via *ncse.com* accessed 1/26/2016).
- . 2016b. “Wild(er-Smith) Fantasies about Huxley.” National Center for Science Education *Science League of America* 16 March posting (online text via *ncse.com* accessed 3/18/2016).
- . 2016c. “Who Was the Occupant? Part 1.” National Center for Science Education *Science League of America* 5 May posting (online text via *ncse.com* accessed 5/20/2016).
- . 2016d. “Who Was the Occupant? Part 2.” National Center for Science Education *Science League of America* 12 May posting (online text via *ncse.com* accessed 5/20/2016).
- . 2016e. “Who Was the Occupant? Part 3.” National Center for Science Education *Science League of America* 18 May posting (online text via *ncse.com* accessed 5/20/2016).
- . 2016f. “In Praise of Pickett, Part 1.” National Center for Science Education *Science League of America* 1 June posting (online text via *ncse.com* accessed 6/13/2016).
- . 2016g. “In Praise of Pickett, Part 2.” National Center for Science Education *Science League of America* 1 June posting (online text via *ncse.com* accessed 6/13/2016).
- . 2016h. “Failing to Make Hay of Mass Extinctions.” National Center for Science Education *Science League of America* 22 June posting (online text via *ncse.com* accessed 6/24/2016).
- . 2016i. “Bell Rings for Darwin.” National Center for Science Education *Science League of America* 17 August posting (online text via *ncse.com* accessed 8/19/2016).
- . 2016j. “The Two Dixons.” National Center for Science Education *Science League of America* 19 October posting (online text via *ncse.com* accessed 11/7/2016).
- . 2017a. “A Surprising Foreward, but a Familiar Strategy.” National Center for Science Education *NCSE Blog* 9 February posting (online text via *ncse.com* accessed 2/15/2017).
- . 2017b. “The Horror! The Horror! (2016 Edition).” *Reports of the National Center for Science Education* **37** (Winter): 4-5.
- . 2017c. “Antiscience bill passed in Florida.” *National Center for Science Education* 5 May posting (online text at *ncse.com* accessed 5/15/2017).
- . 2017d. “Antiscience legislation bill dies in Texas.” *National Center for Science Education* 8 May posting (online text at *ncse.com* accessed 5/15/2017).
- Branch, Glenn, & Louise S. Mead.** 2008. “‘Theory’ in Theory and Practice.” *Evolution: Education & Outreach* **1** (July): 287-289.
- Branch, Glenn, & W. Eric Meikle.** 2011. “Misconceptions about the Settlement of the Americas: Interview with Kenneth L. Feder.” *Evolution: Education & Outreach* **4** (June): 262-266.
- Branch, Glenn, & Eugenie C. Scott.** 2008. “Overcoming Obstacles to Evolution Education: In the Beginning.” *Evolution: Education & Outreach* **1** (January): 53-55.
- . 2009. “The Latest Face of Creationism.” *Scientific American* **300** (January): 92-99.
- . 2012. “The Soft Underbelly of Evolution?” *Evolution: Education & Outreach* **5** (September): 402-404.
- . 2013. “Peking, Piltdown, and Paluxy: creationist legends about paleoanthropology.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 27.
- Branch, Glenn, Eugenie C. Scott, & Joshua Rosenau.** 2010. “Dispatches from the Evolution Wars: Shifting Tactics and Expanding Battlefields.” *Annual Review of Genomics and Human Genetics* **11**: 317-338.
- Branciamore, Sergio, Zhao-Xia Chen, Arthur D. Riggs, & Sergei N. Rodin.** 2010. “CpG island clusters and pro-epigenetic selection for CpGs in protein-coding exons of HOX and other transcription factors.” *Proceedings of the National Academy of Sciences* **107** (31 August): 15485-15490.
- Branciamore, Sergio, Enzo Gallori, Eörs Szathmáry, & Tamás Czárán.** 2009. “The Origin of Life: Chemical Evolution of a Metabolic System in a Mineral Honeycomb?” *Journal of Molecular Evolution* **69** (November): 458-469.
- Branciamore, Sergio, Andrei S. Rodin, Arthur D. Riggs, & Sergei N. Rodin.** 2014. “Enhanced evolution by stochastically variable modification of epigenetic marks in the early embryo.” *Proceedings of the National Academy of Sciences* **111** (29 April): 6353-6358.

- Branco, Sara, H el ene Badouin, Ricardo C. Rodr ıguez de la Vega, J er ome Gouzy, Fantin Carpentier, Gabriela Aguilera, Sophie Siguenza, Jean-Tristan Brandenburg, Marco A. Coelho, Michael E. Hood, & Tatiana Giraud.** 2017. "Evolutionary strata on young mating-type chromosomes despite the lack of sexual antagonism." *Proceedings of the National Academy of Sciences* **114** (3 July): 7067-7072.
- Brancucci, Alfredo, Giuliana Lucci, Andrea Mazzatenta, & Luca Tommasi.** 2009. "Asymmetries of the human social brain in the visual, auditory, and chemical modalities." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (April): 895-914.
- Brand, Leonard R.** 1979. "Field and laboratory studies on the Coconino Sandstone (Permian) vertebrate footprints and their paleoecological implications." *Palaeogeography, Palaeoclimatology, Palaeoecology* **28**: 25-38.
- . 1992. "Reply to Comments on 'Fossil vertebrate footprints in the Coconino Sandstone (Permian) of northern Arizona: Evidence for underwater origin'." *Geology* **20** (July): 668-670.
- . 1996. "Variations in Salamander Trackways Resulting from Substrate Differences." *Journal of Paleontology* **70** (June): 1004-1010.
- . 2008. "A Critique of Current Anti-ID Arguments and ID Responses." *Geoscience Research Institute Origins* **63**: 5-33.
- . 2010. "How Do We Know What Is True?" *The Journal of Adventist Education* (December 2010/January 2011): 16-23.
- . 2011. "Insights from hindsight: resolving seeming conflicts of science and Scripture." Seventh Day Adventist *Spectrum Magazine* blog 16 August posting (online text at spectrummagazine.org accessed 9/22/2013).
- Brand, Leonard R., Ra ul Esperante, Arthur V. Chadwick, Orlando Poma Porras, & Merling Alom ıa.** 2004. "Fossil whale preservation implies high diatom accumulation rate in the Miocene-Pliocene Pisco Formation of Peru." *Geology* **32** (February): 165-168.
- Brand, Leonard R., & Jon Kramer.** 1996. "Underprints of vertebrate and invertebrate trackways in the Permian Coconino Sandstone in Arizona." *Ichnos* **4** (3): 225-230.
- Brand, Leonard R., & Thu Tang.** 1991. "Fossil vertebrate footprints in the Coconino Sandstone (Permian) of northern Arizona: Evidence for underwater origin." *Geology* **19** (December): 1201-1204.
- Brand o, Marcelo M., Larissa Spoladore, Luzinete C. B. Faria, Andr ea S. L. Rocha, Marcio C. Silva-Filho, & Reginaldo Palazzo.** 2015. "Ancient DNA sequence revealed by error-correcting codes." *Scientific Reports* (online @ www.nature.com/srep/) **5** (10 July): 12051.
- Brandau, Ryan, & Mike Brownstein.** 2011. "What Happens at a Christian Home-Schooling Convention?" *Friendly Atheist* posting 9 June (online text at www.patheos.com accessed 2/12/2012).
- Brande, Scott.** 1989. "Science Textbook Adoptions in Alabama: Part I." National Center for Science Education *NCSE Reports* posting (online text via ncse.com accessed 11/23/2013).
- . 1990. "Science Text Adoptions in Alabama: Part II." National Center for Science Education *NCSE Reports* posting (online text via ncse.com accessed 11/23/2013).
- Brandenburg, John E., Vincent DiPietro, & Gregory Molenaar.** 1991. "The Cydonian Hypothesis." *Journal of Scientific Exploration* **5** (1): 1-25.
- Brandes, Jay A., Nabil Z. Boctor, George D. Cody, Benjamin A. Cooper, Robert M. Hazen, & Hatten S. Yoder Jr.** 1998. "Abiotic nitrogen reduction on the early Earth." *Nature* **395** (24 September): 365-367.
- Brandl, Philipp A., Marcel Regelow, Christoph Beier, & Karsten M. Haase.** 2013. "High mantle temperatures following rifting caused by continental insulation." *Nature Geoscience* **6** (May): 391-394.
- Brandl, Simon J., & David R. Bellwood.** 2015. "Coordinated vigilance provides evidence for direct reciprocity in coral reef fishes." *Scientific Reports* (online @ www.nature.com/srep/) **5** (25 September): 14556.
- Brandman, Onn, & Tobias Meyer.** 2008. "Feedback Loops Shape Cellular Signals in Space

- and Time.” *Science* **322** (17 October): 390-395.
- Brandon, Alan.** 2007. “How old the Moon.” *Nature* **450** (20 December): 1169-1170.
- Brandone, Amanda C., & Susan A. Gelman.** 2009. “Differences in preschoolers’ and adults’ use of generics about novel animals and artifacts: A window onto a conceptual divide.” *Cognition* **110** (January): 1-22.
- Brandstater, Bernard.** 2004. “Intelligent Design: The Argument from Beauty.” *Journal of the Adventist Theological Society* **15** (Spring): 12-20.
- Brandt, Guido, Wolfgang Haak, Christine J. Adler, Christina Roth, Anna Szécsényi-Nagy, Sarah Karimnia, Sabine Möller-Rieker, Harald Meller, Robert Ganslmeier, Susanne Friederich, Veit Dresely, Nicole Nicklisch, Joseph K. Pickrell, Frank Sirocko, David Reich, Alan Cooper, Kurt W. Alt, & The Genographic Consortium.** 2013. “Ancient DNA Reveals Key Stages in the Formation of Central European Mitochondrial Genetic Diversity.” *Science* **342** (11 October): 257-261.
- Brandt, Hannelore, & Karl Sigmund.** 2005. “Indirect reciprocity, image scoring, and moral hazard.” *Proceedings of the National Academy of Sciences* **102** (15 February): 2666-2670.
- Brandt, John.** 2010. “WARNING: A high school stem-cell curriculum created.” *The Clem: The Blog: The Truth* 5 August posting (online text at john-brandtsblog.blogspot.com accessed 10/15/2012).
- Brandt, Michael.** 2013. “Stone Tools From the Early Tertiary in Europe—A Contradiction to any Evolutionary Theory About the Origin of Man and to Long Geological Periods of Time.” *Answers in Genesis Research Journal* **6**: 231-264.
- Brandt, Timothy D., & David S. Spiegel.** 2014. “Prospects for detecting oxygen, water, and chlorophyll on an exo-Earth.” *Proceedings of the National Academy of Sciences* **111** (16 September): 13278-13283.
- Brang, David, & V. S. Ramachandran.** 2011. “Survival of the Synesthesia Gene: Why Do People Hear Colors and Taste Words?” *PLoS Biology* (online @ plosbiology.org) **9** (November): e1001205.
- Branigan, Tania.** 2002. “Top school’s creationists preach value of biblical story over evolution.” *The Guardian* posting 8 March (online text at theguardian.com accessed 1/25/2015).
- Brant, Dmitry.** 2007. “The non-science of Lynne McTaggart.” *DmitryBrant.com* 5 September posting (online text at dmitrybrant.com accessed 5/3/2012).
- Brant, Sara V., & Eric S. Loker.** 2005. “Can Specialized Pathogens Colonize Distantly Related Hosts? Schistosome Evolution as a Case Study.” *PLoS Pathogens* (online @ plospathogens.org) **1** (November): e38.
- Brantley, Garry K.** 1994. “Were the Six Days of Creation Literal 24-hour Periods?” *Reason & Revelation* **14** (November): 87.
- Brantley, Max.** 2012. “Republican extremists, in their own words.” *Arkansas Times* 5 October posting (online text at www.arktimes.com accessed 10/6/2012).
- . 2014. “Charter school leader defends creationism in schools’ curriculum.” *Arkansas Times* 19 January posting (online text at www.arktimes.com accessed 1/25/2014).
- Brantley, Susan L., Anna María Ágústadóttir, & Gary L. Rowe.** 1993. “Crater Lakes Reveal Volcanic Heat and Volatile Fluxes.” *GSA Today* **3** (July): 173, 176-178.
- Brasier, Martin.** 1998. “From deep time to late arrivals.” *Nature* **395** (8 October): 547-548.
- . 2008. “The origins of life,” in Benton (2008a, 23-26).
- Brasier, Martin D., Jonathan Antcliff, Martin Saunders, & David Wacey.** 2015. “Changing the picture of Earth’s earliest fossils (3.5-1.9 Ga) with new approaches and new discoveries.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4859-4864.
- Brasier, Martin, J. W. Cowie, & Michael Taylor.** 1994. “Decision on the Precambrian-Cambrian boundary stratotype.” *Episodes* **17** (March-June): 3-8.
- Brasier, Martin D., Owen R. Green, Andrew P. Jephcoat, Annette K. Kleppe, Martin J. Van Kranendonk, Jon F. Lindsay, Andrew Steele, & Nathalie V. Grassineau.** 2002. “Questioning the evidence for Earth’s oldest fossils.” *Nature* **416** (7 March): 76-81.
- Brasier, Martin, Owen Green, John Lindsay, & Andrew Steele.** 2004. “Earth’s Oldest (~3.5 Ga) Fossils and the ‘Early Eden Hypothesis’: Questioning the Evidence.” *Origins of Life*

- and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **34** (February): 257-269.
- Brasier, M. D., & J. F. Lindsay.** 1998. "A billion years of environmental stability and the emergence of eukaryotes: New data from northern Australia." *Geology* **26** (June): 555-558.
- Brasier, M. D., & D. McIlroy.** 1998. "Neonereites uniserialis from c. 600 Ma year-old rocks in western Scotland and the emergence of animals." *Journal of the Geological Society, London* **155** (February): 5-12.
- Brasier, Martin, Nicola McLoughlin, Owen Green, & David Wacey.** 2006. "A fresh look at the fossil evidence for early Archaean cellular life." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (June): 887-902.
- Brasier, Martin D., G. Shields, V. N. Kuleshov, & E. A. Zhegallo.** 1996. "Integrated chemo- and biostratigraphic calibration of early animal evolution: Neoproterozoic-early Cambrian of southwest Mongolia." *Geological Magazine* **133** (July): 445-485.
- Brasil-Neto, Joaquin P., Alvaro Pascual-Leone, Josep Vallis-Solé, Leonardo G. Cohen, & Mark Hallett.** 1992. "Focal transcranial magnetic stimulation and response bias in a forced-choice task." *Journal of Neurology, Neurosurgery and Psychiatry* **55** (October): 964-966.
- Brás-Pereira, Catarina, Fernando Casares, & Florence Janody.** 2015. "The retinal determination gene dachshund restricts cell proliferation by limiting the activity of the Homothorax-Yorkie complex." *Development (AKA Journal of Embryology and Experimental Morphology)* **142** (15 April): 1470-1479.
- Brass, Marcel, Perrine Ruby, & Stephanie Spengler.** 2009. "Inhibition of imitative behaviour and social cognition." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **364** (27 August): 2359-2367.
- Brass, Michael.** 2002a. "A critique of Richard Milton's review." *The Antiquity of Man* posting (online text at www.antiquityofman.com accessed 1/8/2008).
- . 2002b. "Tracing Graham Hancock's Shifting Cataclysm." *Skeptical Inquirer* **63** (July/August): 45-49.
- Brateman, Paul S.** 2010. "Behe's review in context, or what's the point?" *Panda's Thumb* posting 24 December (online text at pandasthumb.org accessed 12/24/2010).
- . 2014a. "PhD Thesis of Sylvia Baker, founder of 'Christian' (i.e. Creationist) Schools Trust." *Primate's Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 7 February (online text at paulbrateman.wordpress.com accessed 6/28/2015).
- . 2014b. "Kelvin, Rutherford, and the Age of the Earth: 1, The Myth." *Primate's Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 15 February (online text at paulbrateman.wordpress.com accessed 7/11/2015).
- . 2014c. "The Deep Roots of Intelligent Design Creationism (Pt II of Kelvin, Rutherford, and the Age of the Earth)." *Primate's Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 3 March (online text at paulbrateman.wordpress.com accessed 7/11/2015).
- . 2014d. "Time turned to stone, Part 1: Siccar Point; Time as Interval." *Eat Your Brains Out; Exploring Science, Exposing Creationism* posting 16 November (online text at paulbrateman.wordpress.com accessed 12/14/2014).
- . 2014e. "Time turned to stone, Part 2: The Giants' Causeway; time as process." *Eat Your Brains Out; Exploring Science, Exposing Creationism* posting 14 December (online text at paulbrateman.wordpress.com accessed 12/14/2014).
- . 2015a. "Terry Mortensen Concedes: 'Stone Age' Tools Are A Problem For YEC." *Age of Rocks* 8 July posting (online text at ageofrocks.org accessed 7/11/2015).
- . 2015b. "Why Saudi Arabia sentenced blogger to 1,000 lashes and 10 years jail." *Eat Your Brains Out; Exploring Science, Exposing Creationism* posting 22 November (online text at paulbrateman.wordpress.com accessed 11/24/2015).
- . 2016a. "Casey Luskin leaves Discovery Institute; I will miss him." *Primate's Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 1 January (online text at paulbrateman.wordpress.com accessed 1/1/2016).

- . 2016b. “How to lie about radiometric dating, evolution, and even nuclear physics.” *Primate’s Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 8 January (online text at paulbraterman.wordpress.com accessed 1/8/2016).
- . 2016c. “Will Storr’s The Heretics, 1: Full Frontal Creationism, and other kinds of unreason.” *Primate’s Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 20 February (online text at paulbraterman.wordpress.com accessed 2/21/2016).
- . 2016d. “Religious privilege in Scottish schools increasing, says Glasgow University report.” *Primate’s Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 5 March (online text at paulbraterman.wordpress.com accessed 3/5/2016).
- . 2017a. “A Creationist Speaker Comes to Town.” *Letters to Creationists* posting 24 January (online text at letterstocreationists.wordpress.com accessed 1/25/2017).
- . 2017b. “Sahelanthropus, evolution, and the word ‘theory’; what Mike Pence really said.” *3 Quarks Daily* posting 13 March (online text at www.3quarksdaily.com accessed 3/13/2017).
- . 2017c. “Islamic Foreshadowing of Evolution.” *Muslim Heritage* undated posting (online text at muslimheritage.com accessed 3/25/2017).
- . 2017d. “UK Conservatives, meet the DUP: extremist, creationist, sectarian.” *Primate’s Progress: Exploring Science, Explaining Evolution, Exposing Creationism* posting 12 June (online text at paulbraterman.wordpress.com accessed 6/12/2017).
- Braterman, Paul, & Mark Edon.** 2012a. “Anti-Creationists Need to Think About Tactics.” *British Centre for Science Education* posting 30 November (online text at bcsewb.blogspot.co.uk accessed 12/23/2012).
- . 2012b. “Casey’s Creationist Christmas.” *Panda’s Thumb* guest posting 22 December (online text at pandasthumb.org accessed 12/23/2012).
- Brattin, Rick, & Andrew Koenig.** 2014. “House Bill No. 1472.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 1/29/2014).
- Brattin, Rick, Andrew Koenig, & Kurt Bahr.** 2013. “House Bill No. 291.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 2/16/2013).
- Brattin, Rick, John McCaherty, Charlie Davis, Andrew Koenig, Sue Allen, & Darrell Pollack.** 2012. “House Bill No. 1227.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 1/13/2012).
- Bratulic, Sinisa, Florian Gerber, & Andreas Wagner.** 2015. “Mistranslation drives the evolution of robustness in TEM-1 β -lactamase.” *Proceedings of the National Academy of Sciences* **112** (13 October): 12758-12763.
- Braude, Stanton.** 1997. “The Predictive Power of Evolutionary Biology and the Discovery of Eusociality in the Naked Mole Rat.” *Reports of the National Center for Science Education* **17** (July-August): 12-15.
- Braudrick, Christian A., William E. Dietrich, Glen T. Leverich, & Leonard S. Sklar.** 2009. “Experimental evidence for the conditions necessary to sustain meandering in coarse-bedded rivers.” *Proceedings of the National Academy of Sciences* **106** (6 October): 16936-16941.
- Brauer, Jens, Alfred Andwander, & Angela D. Friederici.** 2011. “Neuroanatomical Prerequisites for Language Functions in the Maturing Brain.” *Cerebral Cortex* **21** (February): 459-466.
- Bräuer, Juliane, Josep Call, & Michael Tomasello.** 2007. “Chimpanzees really know what others can see in a competitive situation.” *Animal Cognition* **10** (October): 439-448.
- Brauer, Matt.** 2005. “Abiogenesis: How plausible are the current models.” *Talk Reason* 16 December posting (online text at talkreason.org accessed 12/17/2005).
- Brauer, Matthew, Barbara Forrest, & Steven G. Gey.** 2005. “Is It Science Yet?: Intelligent Design Creationism and the Constitution.” *Washington University Law Quarterly* **83** (Spring): 1-149.
- Braun, A., J. Chen, D. Waloszek, & A. Maas.** 2007. “First Early Cambrian Radiolaria.”

- Geological Society, London, Special Publications* **286**: 143-149.
- Braun, A., J.-Y. Chen, D. Waloszek, & A. Maas.** 2007. "Siliceous microfossils and biosiliceous sedimentation in the lowermost Cambrian of China." *Geological Society, London, Special Publications* **286**: 423-424.
- Braun, Benjamin A., Amir Marcovitz, J. Gray Camp, Robin Jia, & Gill Bejerano.** 2015. "Mx1 and Mx2 key antiviral proteins are surprisingly lost in toothed whales." *Proceedings of the National Academy of Sciences* **112** (30 June): 8036-8040.
- Braun, David R.** 2010. "Australopithecine butchers." *Nature* **466** (12 August): 828.
- Braun, David R., John W. K. Harris, Naomi E. Levin, Jack T. McCoy, Andy I. R. Herries, Marion K. Bamford, Laura C. Bishop, Brian G. Richmond, & Mzalendo Kibunjia.** 2010. "Early hominin diet included diverse terrestrial and aquatic animals 1.95 Ma in East Turkana, Kenya." *Proceedings of the National Academy of Sciences* **107** (1 June): 10002-10007.
- Braun, E. J., & Reimer, P. R.** 1988. "Structure of avian loop of Henle as related to countercurrent multiplier system." *American Journal of Physiology—Renal Physiology* **255** (September Part 2): F500-F512.
- Braun, Michael.** 1985. "A Christian Response to Homosexuals." *Fundamentalist Journal* **4** (March): 22-24.
- Braun, Tatjana, Albina Orlova, Karin Valegård, Ann-Christin Lindås, Gunnar F. Schröder, & Edward H. Egelman.** 2015. "Archael actin from a hyperthermophile forms a single-stranded filament." *Proceedings of the National Academy of Sciences* **112** (28 July): 9340-9345.
- Braun, Tatjana, Matthijn R. Vos, Nir Kalisman, Nicholas E. Sherman, Reinhard Rachel, Reinhard Wirth, Gunnar F. Schröder, & Edward H. Egelman.** 2016. "Archaeal flagellin combines a bacterial type IV pilin domain with an Ig-like domain." *Proceedings of the National Academy of Sciences* **113** (13 September): 10352-10357.
- Braun, Timothy F., Susan Poulson, Jonathan B. Gully, J. Courtney Empey, Susan Van Way, Angélica Putnam, & David F. Blair.** 1999. "Function of Proline Residues of MotA in Torque Generation by the Flagellar Motor of *Escherichia coli*." *Journal of Bacteriology* **181** (June, No. 11): 3542-3551.
- Braun, Urs, Axel Schäfer, Henrik Walter, Susanne Erk, Nina Romanczuk-Seiferth, Leila Haddad, Janina I. Schweiger, Oliver Grimm, Andreas Heinz, Heike Tost, Andreas Meyer-Lindenberg, & Danielle S. Bassett.** 2015. "Dynamic reconfiguration of frontal brain networks during executive cognition in humans." *Proceedings of the National Academy of Sciences* **112** (15 September): 11678-11683.
- Braunagel, Sharon C., Shawn T. Williamson, Qi Ding, Xiaogiang Wu, & Max D. Summers.** 2007. "Early sorting of inner nuclear membrane proteins is conserved." *Proceedings of the National Academy of Sciences* **104** (29 May): 9307-9312.
- Brauner, C. J., V. Matey, J. M. Wilson, N. J. Bernier, & A. L. Val.** 2004. "Transition in organ function during the evolution of air-breathing: insights from *Arapaima gigas*, an obligate air-breathing teleost from the Amazon." *The Journal of Experimental Biology* **207** (1 April): 1433-1438.
- Braunstein, Evan M., Dennis C. Monks, Vimla S. Aggarwal, Jelena S. Arnold, & Bernice E. Morrow.** 2009. "*Tbx1* and *Brn4* regulate retinoic acid metabolic genes during cochlear morphogenesis." *BMC Developmental Biology* (online @ ncbi.nlm.nih.gov) **9** (29 May): 31.
- Bräutigam, Lars, Lena Dorothee Schütte, José Rodrigo Godoy, Timour Prozorovski, Manuela Gellert, Giselbert Hauptmann, Arne Holmgren, Christopher Horst Lillig, & Carsten Berndt.** 2011. "Vertebrate-specific glutaredoxin is essential for brain development." *Proceedings of the National Academy of Sciences* **108** (20 December): 20532-20537.
- Brawand, David, Catherine E. Wagner, Yang I. Li, Milan Malinsky, Irene Keller, Shaohua Fan, Oleg Simakov, Alvin Y. Ng, Zhi Wei Lim, Etienne Bezault, Jason Turner-Maier, Jeremy Johnson, Rosa Alcazar, Hyun Ji Noh, Pamela Russell, Bronwen Aken, Jessica**

- Alföldi, Chris Amemiya, Naoual Azzouzi, Jean-François Baroiller, Frederique Barloy-Huber, Aaron Berlin, Ryan Bloomquist, Karen L. Carleton, Matthew A. Conte, Helena D’Cotta, Orly Eshel, Leslie Gaffney, Francis Galibert, Hugo F. Gante, Sante Gnerre, Lucie Greuter, Richard Guyon, Natalie S. Haddad, Wilfried Haerty, Rayna M. Harris, Hans A. Hofmann, Thibaut Hourlier, Gideon Hulata, David B. Jaffe, Marcia Lara, Alison P. Lee, Iain MacCallum, Salome Mwaiko, Masato Nikaido, Hidenori Nishihara, Catherine Ozouf-Costaz, David J. Penman, Dariusz Przybylski, Michaëlle Rakotomanga, Suzy C. P. Penn, Filipe J. Ribeiro, Micha Ron, Walter Salzburger, Luis Sanchez-Pulido, M. Emilia Santos, Steve Searle, Ted Sharpe, Ross Swofford, Frederick J. Tan, Louise Williams, Sarah Young, Shuangye Yin, Norihiro Okada, Thomas D. Kocher, Eric A. Miska, Eric S. Lander, Byrappa Venkatesh, Russell D. Fernald, Axel Meyer, Chris P. Ponting, J. Todd Streebman, Kerstin Lindblad-Toh, Ole Seehausen, & Federica Di Palma. 2014. “The genomic substrate for adaptive radiation in African cichlid fish.” *Nature* **513** (18 September): 375-381.
- Brawand, David, Walter Wahli, & Henrik Kaessmann.** 2008. “Loss of Egg Yolk Genes in Mammals and the Origin of Lactation and Placentation.” *PLoS Biology* (online @ plosbiology.org) **6** (March): e63.
- Brawley, Susan H., Nicolas A. Blouin, Elizabeth Ficko-Blean, Glen L. Wheeler, Martin Lohr, Holly V. Goodson, Jerry W. Jenkins, Crysten E. Blaby-Haas, Katherine E. Helliwell, Cheong Xin Chan, Tara N. Marriage, Debashish Bhattacharya, Anita S. Klein, Yacine Badis, Juliet Brodie, Yuanyu Cao, Jonas Collén, Simon M. Dittami, Claire M. M. Gachon, Beverley R. Green, Steven J. Karpowicz, Jay W. Kim, Ulrich Johan Kudahl, Senjie Lin, Gurvan Michel, Maria Mittag, Bradley J. S. Olson, Jasmyn L. Pangilinan, Yi Peng, Huan Qiu, Shengqiang Shu, John T. Singer, Alison G. Smith, Brittany N. Sprecher, Volker Wagner, Wenfei Wang, Zhi-Yong Wang, Juying Yan, Charles Yarish, Simone Zäuner-Riek, Yunyun Zhuang, Yong Zou, Erika A. Lindquist, Jane Grimwood, Kerrie W. Barry, Daniel S. Rokhsar, Jeremy Schmutz, John W. Stiller, Arthur R. Grossman, & Simon E. Prochnik.** 2017. “Insights into the red algae and eukaryotic evolution from the genome of *Porphyra umbilicalis* (Bangioophyceae, Rhodophyta).” *Proceedings of the National Academy of Sciences* **114** (1 August): E6361-E6370.
- Bray, Dennis.** 1995. “Protein molecules as computational elements in living cells.” *Nature* **376** (27 July): 307-312.
- Bray, P. Sargent, & Ken B. Anderson.** 2009. “Identification of Carboniferous (320 Million Years Old) Class 1c Amber.” *Science* **326** (2 October): 132-134.
- Bray, Patrick G., Rowena E. Martin, Leann Tilley, Stephen A. Ward, Kiaran Kirk, & David A. Fidock.** 2005. “Defining the role of PfCRT in *Plasmodium falciparum* chloroquine resistance.” *Molecular Microbiology* **56** (April): 323-333.
- Bray, Steven M., Jennifer G. Mulle, Anne F. Dodd, Ann E. Pulver, Stephen Wooding, & Stephen T. Warren.** 2010. “Signatures of founder effects, admixture, and selection in the Ashkenazi Jewish population.” *Proceedings of the National Academy of Sciences* **107** (7 September): 16222-16227.
- Brayard, Arnaud, Gilles Escarguel, Hugo Bucher, Claude Monnet, Thomas Brühwiler, Nicolas Goudemand, Thomas Galfetti, & Jean Guex.** 2009. “Good Genes and Good Luck: Ammonoid Diversity and the End-Permian Mass Extinction.” *Science* **325** (28 August): 1118-1121.
- Brayard, Arnaud, L. J. Krumenacker, Joseph P. Botting, James F. Jenks, Kevin G. Bylund, Emmanuel Fara, Emmanuelle Vennin, Nicolas Olivier, Nicolas Goudemand, Thomas Saucède, Sylvain Charbonnier, Carlo Romano, Larisa Doguzhaeva, Ben Thuy, Michael Hautmann, Daniel A. Stephen, Christophe Thomazo, & Gilles Escarguel.** 2017. “Unexpected Early Triassic marine ecosystem and the rise of the Modern evolutionary fauna.” *Science Advances* **3** (15 February): e1602159 (online at sciencemag.org).
- Brayboy, Duane.** 2016. “Two Spirits, One Heart, Five Genders.” *Indian Country* posting 23 January (online text at indiancountrytodaymedianetwork.com accessed 6/23/2016).

- Brayton, Ed.** 2004. “Beckwith and the Understanding Evolution Website.” *Panda’s Thumb* posting 7 April (online text at *pandasthumb.org* accessed 8/9/2013).
- . 2005a. “Kelly Hollowell’s Continued Absurdity.” *Dispatches from the Creation Wars* posting 3 January (online text at *scienceblogs.com/dispatches* accessed 5/6/2014).
- . 2005b. “Bloggging the Dover Trial.” *Talk Reason* 28 September posting (online text at *talkreason.org* accessed 10/27/2005).
- . 2006a. “Fisking Phyllis Schlafly.” *Dispatches from the Culture Wars* posting 4 January (online text at *www.stcynic.com/blog/archives/* accessed 6/6/2006).
- . 2006b. “William Dembski: Prophet for Hire.” *Dispatches from the Creation Wars* posting 3 April (online text at *scienceblogs.com/dispatches* accessed 4/4/2010).
- . 2006c. “Hans Zeiger’s Scientific Ignorance.” *Dispatches from the Creation Wars* posting 13 October (online text at *scienceblogs.com/dispatches* accessed 2/6/2013).
- . 2006d. “AFA Attorney on Cobb Settlement.” *Dispatches from the Creation Wars* posting 28 December (online text at *scienceblogs.com/dispatches* accessed 5/26/2014).
- . 2007a. “Vitter Gives Federal Money to Creationist Group.” *Dispatches from the Creation Wars* posting 24 September (online text at *scienceblogs.com/dispatches* accessed 1/16/2014).
- . 2007b. “The DIs Persecution Chic.” *Dispatches from the Culture Wars* posting 20 December (online text at *scienceblogs.com/dispatches* accessed 12/20/2007).
- . 2008. “Mike Gene Admits Matzke was Right.” *Dispatches from the Creation Wars* posting 25 September (online text at *scienceblogs.com/dispatches* accessed 8/10/2010).
- . 2009a. “Robert O’Brien Trophy Winner: Les Kinsolving.” *Dispatches from the Creation Wars* posting 4 March (online text at *scienceblogs.com/dispatches* accessed 4/25/2011).
- . 2009b. “Good News and Bad News in Texas.” *Dispatches from the Creation Wars* posting 30 March (online text at *scienceblogs.com/dispatches* accessed 12/14/2013).
- . 2009c. “Robert O’Brien Trophy Winner: Joseph Grant Swank.” *Dispatches from the Creation Wars* posting 5 May (online text at *scienceblogs.com/dispatches* accessed 8/13/2013).
- . 2009d. “The Right’s Glaring Hypocrisy on Judicial Filibusters.” *Dispatches from the Creation Wars* posting 3 June (online text at *scienceblogs.com/dispatches* accessed 9/18/2013).
- . 2010a. “ID is Not Religion; Anti-ID is Religious Discrimination.” *Dispatches from the Creation Wars* posting 19 April (online text at *scienceblogs.com/dispatches* accessed 8/11/2010).
- . 2010b. “DeMint’s Crazy Theocon Views.” *Dispatches from the Creation Wars* posting 5 October (online text at *scienceblogs.com/dispatches* accessed 12/6/2012).
- . 2011. “Ringer Continues His Absurdity.” *Dispatches from the Creation Wars* posting 7 September (online text at *scienceblogs.com/dispatches* accessed 8/9/2014).
- . 2012. “Florida Man Protests Teaching of Evolution.” *Dispatches from the Culture Wars* posting 15 March (online text at *scienceblogs.com/dispatches* accessed 8/26/2014).
- . 2013a. “Kent Hovind’s New Dissertation.” *Dispatches from the Culture Wars* posting 5 July (online text at *scienceblogs.com/dispatches* accessed 1/8/2014).
- . 2013b. “Barton Teaches How to Sneak Christianity Into Schools.” *Dispatches from the Culture Wars* posting 18 November (online text at *scienceblogs.com/dispatches* accessed 1/21/2014).
- Brazeau, Martin D.** 2009. “The braincase and jaws of a Devonian ‘acanthodian’ and modern gnathostome origins.” *Nature* **457** (15 January): 305-308.
- Brazeau, Martin D., & Per E. Ahlberg.** 2006. “Tetrapod-like middle ear architecture in a Devonian fish.” *Nature* **439** (19 January): 318-321.
- Brazeau, Martin D., & Matt Friedman.** 2015. “The origin and early phylogenetic history of jawed vertebrates.” *Nature* **520** (23 April): 490-497.
- Brazelton, William J., Kristin A. Ludwig, Mitchell L. Sogin, Ekaterina N. Andreishcheva, Deborah S. Kelley, Chuan-Chou Shen, R. Lawrence Edwards, & John A. Baross.** 2010. “Archaea and bacteria with surprising microdiversity show shifts in dominance over 1,000-year time scales in hydrothermal chimneys.” *Proceedings of the National Academy*

- of Sciences* **107** (26 January): 1612-1617.
- Brazzle, R. H., O. V. Pravdivtseva, A. P. Meshik, & C. M. Hohenberg.** 1999. "Verification and interpretation of the I-Xe chronometer." *Geochimica et Cosmochimica Acta* **63** (March): 739-760.
- Breaker, Ronald R.** 2000. "Making Catalytic DNAs." *Science* **290** (15 December): 2095-2096.
- . 2008. "Complex Riboswitches." *Science* **319** (28 March): 1795-1797.
- . 2010. "RNA Second Messengers and Riboswitches: Relics from the RNA World?" *Microbe* **5** (January): 13-20.
- . 2012. "Riboswitches and the RNA World." *Cold Spring Harbor Perspectives in Biology* **4** (February): a003566.
- . 2014. "The RNA World: New Discoveries Reflecting Ancient Biology." *National Academies* 5 March lecture slide posting (online pdf at sites.nationalacademies.org accessed 11/18/2014).
- Brean, Joseph.** 2013. "'What has gotten into Thomas Nagel?': Leading atheist branded a 'heretic' for daring to question Darwinism." National Post *Holy Post* 23 March posting (online text at life.nationalpost.com accessed 4/3/2013).
- Brearley, Adrian J.** 1999. "Origin of Graphitic Carbon and Pentlandite in Matrix Olivines in the Allende Meteorite." *Science* **285** (27 August): 1380-1382.
- Brearley, Margaret.** 2006. "The forgotten genocide." *The Jewish Quarterly* Summer (online text at www.jewishquarterly.org accessed 7/19/2015).
- Breazeal, Cynthia L.** 2002. *Designing Sociable Robots*. Cambridge, MA: MIT Press.
- Brebbia, Carlos A.,** ed. 2008. *Design and Nature IV*. Vol. 114 of *WIT Transactions on Ecology and the Environment*. Southampton, UK: WIT Press.
- Brecheen, Josh.** 2010a. "Brecheen discusses evolution and Darwinian Theory." *Durant Daily Democrat* (Durant, Oklahoma) posting 18 December: online text accessed 12/29/2010 (durantdemocrat.com).
- . 2010b. "Brecheen says the religion of evolution is plagued with falsehoods." *Durant Daily Democrat* (Durant, Oklahoma) posting 24 December: online text accessed 12/29/2010 (durantdemocrat.com).
- . 2011. "Senate Bill 554." Introduced Oklahoma Senate legislation (online text at webserver1.lsb.state.ok.us accessed 1/24/2011).
- . 2012. "Senate Bill 1742." Introduced Oklahoma Senate legislation (online text at webserver1.lsb.state.ok.us accessed 2/3/2012).
- . 2014. "Senate Bill 1765." Introduced Oklahoma Senate legislation (online text at webserver1.lsb.state.ok.us accessed 1/29/2014).
- . 2015. "Senate Bill 665." Introduced Oklahoma Senate legislation (online text at webserver1.lsb.state.ok.us accessed 1/30/2015).
- . 2016. "Senate Bill 1322" Introduced Oklahoma Senate legislation (online pdf at webserver1.lsb.state.ok.us accessed 1/26/2016).
- . 2017. "Senate Bill 393." Introduced Oklahoma Senate legislation (online pdf at webserver1.lsb.state.ok.us accessed 2/3/2017).
- Brecher, Kenneth, & Michael Feirtag,** eds. 1979. *Astronomy of the Ancients*. Cambridge, MA: MIT Press.
- Breckenridge, Roy M., Dean L. Garwood, & Jack Nisbet.** 2014. "Mapping the Deluge: Sandpoint to Cabinet Gorge Dam, Idaho." University of Idaho *Idaho Geological Survey* August Staff Report 14-1 posting (online pdf at www.idahogeology.org accessed 6/2/2015).
- Breda, Anna, Nereo Preto, Guido Roghi, Stefano Furin, Renata Meneguolo, Eugenio Ragazzi, Paulo Fedele, & Piero Gianolla.** 2009. "The Carnian Pluvial Event in the Tofane Area (Cortina D'Ampezzo, Dolomites, Italy)." Universität Innsbruck Institut für Geologie *Geo.Alp* **6**: 80-115.
- Brede, Nora, Christoph Sandrock, Dietmar Straile, Piet Spaak, Thomas Jankowski, Bruno Streit, & Klaus Schwenk.** 2009. "The impact of human-made ecological changes on the genetic architecture of *Daphnia* species." *Proceedings of the National Academy of Sciences* **106** (24 March): 4758-4763.

- Breecker, D. O., Z. D. Sharp, & L. D. McFaddon.** 2010. “Atmospheric CO₂ concentrations during ancient greenhouse climates were similar to those predicted for A.D. 2100.” *Proceedings of the National Academy of Sciences* **107** (12 January): 576-580.
- Breen, Michael S., Carsten Kemena, Peter K. Vlasov, Cedric Notredame, & Fyodor A. Kondrashov.** 2012. “Epistasis as the primary factor in molecular evolution.” *Nature* **490** (25 October): 535-538.
- . 2013. “Breen *et al.* reply.” *Nature* **497** (30 May): E2-E3.
- Breen, Tom.** 2011. “Pastor loses job after questioning hell’s existence.” *MSNBC* updated posting 24 March (online text at www.msnbc.msn.com accessed 3/24/2011).
- Breeze, Paul S., Huw S. Groucutt, Nick A. Drake, Tom S. White, Richard P. Jennings, & Michael D. Petraglia.** 2016. “Palaeohydrological corridors for hominin dispersals in the Middle East ~250-70,000 years ago.” *Quaternary Science Reviews* **144** (15 July): 155-185.
- Breiner, Andrew.** 2014. “CNN Ignores Major Climate Report, But Fox News Does Something Even Worse.” *Climate Progress* 2 April posting (online text at thinkprogress.org accessed 4/2/2014).
- Breinholt, Jesse W., & Akito Y. Kawahara.** 2013. “Phylotranscriptomics: Saturated Third Codon Positions Radically Influence the Estimation of Trees Based on Next-Gen Data.” *Genome Biology and Evolution* **5** (November): 2082-2092.
- Breinholt, Jesse, Marcos Pérez-Losada, & Keith A. Crandall.** 2009. “The Timing of the Diversification of the Freshwater Crayfishes,” in J. Martin *et al.* (2009, 343-255).
- Breinholt, Jesse W., Megan L. Porter, & Keith A. Crandall.** 2012. “Testing Phylogenetic Hypotheses of the Subgenera of the Freshwater Crayfish Genus *Cambarus* (Decapoda: Cambaridae).” *PLoS ONE* (online @ plosone.org) **7** (September): e46105.
- Breitbart.** 2014. “One in Four Americans Unaware That Earth Circles Sun.” *Breitbart News* 14 February posting (online text at www.breitbart.com accessed 2/19/2014).
- Breivik, Anders Behring.** 2011. “2083: A European Declaration of Independence.” *WorldNetDaily* posting of manifesto signed as “Andrew Berwick” (online text at wnd.com accessed 8/4/2011).
- Breivik, Jarle.** 2005. “The evolutionary origin of genetic instability in cancer development.” *Seminars in Cancer Biology* **15** (February): 51-60.
- Brekke, Thomas D., & Jeffrey M. Good.** 2014. “Parent-of-origin growth effects and the evolution of hybrid inviability in dwarf hamsters.” *Evolution* **68** (November): 3134-3148.
- Brelsford, Alan, & Darren E. Irwin.** 2009. “Incipient Speciation Despite Little Assortive Mating: The Yellow-Rumped Warbler Hybrid Zone.” *Evolution* **63** (December): 3050-3060.
- Bremer, Kåre.** 1987. “Tribal Interrelationships of the Asteraceae.” *Cladistics* **3** (September): 210-253.
- . 2000. “Early Cretaceous lineages of monocot flowering plants.” *Proceedings of the National Academy of Sciences* **97** (25 April): 4707-4711.
- . 2002. “Gondwanan Evolution of the Grass Alliance of Families (Poales).” *Evolution* **56** (July): 1374-1387.
- Bremer, Kåre, & Mats H. G. Gustafsson.** 1997. “East Gondwana ancestry of the sunflower alliance of families.” *Proceedings of the National Academy of Sciences* **94** (19 August): 9188-9190.
- Bremner, Ryan H., Sander L. Koole, & Brad J. Bushman.** 2011. “‘Pray for Those Who Mistreat you’: Effects of Prayer on Anger and Aggression.” *Personality and Social Psychology Bulletin* **37** (June): 830-837.
- Brena, Carlo, & Michael Akam.** 2013. “An analysis of segmentation dynamics throughout embryogenesis in the centipede *Strigamia maritima*.” *BMC Biology* (online @ biomedcentral.com) **11** (29 November): 112.
- Brennan, Patricia L. R.** 2013. “Why I Study Duck Genitalia.” *Slate.com* posting 2 April (online text at www.slate.com accessed 2/16/2014).
- Brennan, Patricia L. R., Christopher J. Clark, & Richard O. Prum.** 2010. “Explosive eversion and functional morphology of the duck penis supports sexual conflict in waterfowl

- genitalia.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (7 May): 1309-1314.
- Brennan, Patricia L. R., & Richard O. Prum.** 2012. “The limits of sexual conflict in the narrow sense: new insights from waterfowl biology.” *Proceedings of the Royal Society of London B* (Biological Sciences) **367** (19 August): 2325-2338.
- Brennan, Patricia L. R., Richard O. Prum, Kevin G. McCracken, Michael D. Sorenson, Robert E. Wilson, & Tim R. Birkhead.** 2007. “Coevolution of Male and Female Genital Morphology in Waterfowl.” *PLoS ONE* (online @ plosone.org) **2** (May): e418.
- Brennan, Phil.** 2008a. “Global Warming ... Or Slapstick Comedy?” *Origins* posting of *etherzone.com* 9 August article (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008b. “Global Warming, Such As It Was, Is Over.” *Origins* posting of *etherzone.com* 16 July article (online pdf at www.alcazar.net accessed 6/15/2011).
- Brennecka, Gregory A., Lars E. Borg, & Meenakshi Wadhwa.** 2013. “Evidence for supernova injection into the solar nebula and the decoupling of r-process nucleosynthesis.” *Proceedings of the National Academy of Sciences* **110** (22 October): 17241-17246.
- Brennecka, Gregory A., Achim D. Herrmann, Thomas J. Algeo, & Ariel D. Anbar.** 2011. “Rapid expansion of oceanic anoxia immediately before the end-Permian mass extinction.” *Proceedings of the National Academy of Sciences* **108** (25 October): 17631-17634.
- Brennecka, Gregory A., & Meenakshi Wadhwa.** 2012. “Uranium isotope compositions of the basaltic angrite meteorites and the chronological implications for the early Solar System.” *Proceedings of the National Academy of Sciences* **109** (12 June): 9299-9303.
- Brennecka, G. A., S. Weyer, M. Wadhwa, P. E. Janney, J. Zipfel, & A. D. Anbar.** 2010. “²³⁸U/²³⁵U Variations in Meteorites: Extant ²⁴⁷Cm and Implications for Pb-Pb Dating.” *Science* **327** (22 January): 449-451.
- Brenner, Marie.** 1990. “After The Gold Rush.” *Vanity Fair* (September) article posting: online text accessed 6/21/2016 (vanityfair.com).
- Brenner, Sydney.** 1973. “The Genetics of Behaviour.” *British Medical Bulletin* **29** (September): 269-271.
- . 2012. “The Revolution in the Life Sciences.” *Science* **338** (14 December): 1427-1428.
- Bresca, Richard C.** 2017. “A Brief Geologic History of Northwestern Mexico.” *Rick Brusca* 6 May revised posting (online pdf at rickbresca.com accessed 7/5/2017).
- Breshears, Jeffrey.** 2013. “Why Should We Believe the Bible Is Divinely-Inspired?” *The Aréopagus* 27 July posting (online pdf at www.theareopagus.org accessed 2/13/2014).
- . 2014. “Centers for Substantive Education.” *The Aréopagus Update* January/February posting (online pdf at www.theareopagus.org accessed 2/13/2014).
- Breslow, Ronald, & Chandrakumar Appayee.** 2013. “Transketolase reaction under credible prebiotic conditions.” *Proceedings of the National Academy of Sciences* **110** (12 March): 4184-4187.
- Breslow, Ronald, & Zhan-Ling Cheng.** 2009. “On the origin of terrestrial homochirality for nucleosides and amino acids.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9144-9146.
- . 2010. “L-amino acids catalyze the formation of an excess of D-glyceraldehyde, and thus of other D sugars, under credible prebiotic conditions.” *Proceedings of the National Academy of Sciences* **107** (30 March): 5723-5725.
- Breslow, Ronald, & Mindy S. Levine.** 2006. “Amplification of enantiomeric concentrations under credible prebiotic conditions.” *Proceedings of the National Academy of Sciences* **103** (29 August): 12979-12980.
- Breslow, Ronald, Mindy Levine, & Zhan-Ling Cheng.** 2010. “Imitating Prebiotic Homochirality on Earth.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **40** (February): 11-26.
- Bresnahan, John, & Mike Allen.** 2010. “Rep. Mark Souder on affair with aide: ‘I have sinned’.” *Politico* 18 May posting (online text at www.politico.com accessed 1/11/2014).
- Bressan, David.** 2011. “The landslide of Kōfels: Geology between Pseudoscience and Pseudotachylite.” *History of Geology* 17 April posting (online text at

- historyofgeology.fieldofscience.com* accessed 3/11/2017).
- Bressan, Paola, Peter Kramer, & Mara Germani.** 2008. "Visual attentional capture predicts belief in a meaningful world." *Cortex* **44** (November-December): 1299-1306.
- Bret, Antoine.** 2015. "Yes, We Were There." *Reports of the National Center for Science Education* **35** (September-October): 3.1-3.5.
- Bretnor, Reginald,** ed. 1974. *Science Fiction: Today and Tomorrow*. New York: Harper & Row.
- Brett, Philip, Elizabeth Wood, & Gary C. Thomas,** eds. 1994. *Queering the Pitch: The New Gay and Lesbian Musicology*. London: Routledge.
- Bretz, J Harlen.** 1923a. "Glacial Drainage on the Columbia Plateau." *The Geological Society of America GSA Bulletin* **34** (September): 573-608.
- . 1923b. "The Channeled Scablands of the Columbia Plateau." *The Journal of Geology* **31** (November-December): 617-649.
- . 1959. "Washington's Channeled Scabland." State of Washington *Department of Natural Resources* Division of Mines and Geology Bulletin No. 46 (online pdf at www.dnr.wa.gov accessed 10/9/2014).
- . 1969. "The Lake Missoula Floods and the Channeled Scabland." *The Journal of Geology* **77** (September): 505-543.
- Bretz, J Harlen, H. T. U. Smith, & George E. Neff.** 1956. "Channeled Scabland of Washington: New Data and Interpretations." *The Geological Society of America GSA Bulletin* **67** (August): 957-1049.
- Brewer, Brendon.** 2016. "Unscrambling the second law of thermodynamics." *Quillette* 28 January posting (online text at quillette.com accessed 2/21/2016).
- Brewer, Joe.** 2008. "Celebration of Devotion: A Strategic Initiative for Transforming the 'Gay Marriage' Debate." *Cognitive Policy Works* 12 November posting (online pdf at www.cognitivepolicyworks.com accessed 4/27/2014).
- . 2010. "Why You Should Care About the Psychology of Disgust." *Cognitive Policy Works* 29 May (online text at www.cognitivepolicyworks.com accessed 4/27/2014).
- Brewer, Judson A., Patrick D. Worhunsky, Jeremy R. Gray, Yi-Yuan Tang, Jochen Weber, & Hedy Kober.** 2011. "Meditation experience is associated with differences in default mode network activity and connectivity." *Proceedings of the National Academy of Sciences* **108** (13 December): 20254-20259.
- Brewer, Michael S., & Jason E. Bond.** 2013. "Ordinal-Level Phylogenomics of the Arthropod Class Diplopoda (Millipedes) Based on an Analysis of 221 Nuclear Protein-Coding Loci Generated Using Next-Generation Sequence Analyses." *PLoS ONE* (online @ plosone.org) **8** (November): e79935.
- Brewer, Michael S., Lynn Swafford, Chad L. Spruill, & Jason E. Bond.** 2013. "Arthropod Phylogenetics in Light of Three Novel Millipede (Myriapoda: Diplopoda) Mitochondrial Genomes with Comments on the Appropriateness of Mitochondrial Genome Sequence Data for Inferring Deep Level Relationships." *PLoS ONE* (online @ plosone.org) **8** (July): e68005.
- Brewer, Peter G.** 2009. "A changing ocean seen with clarity." *Proceedings of the National Academy of Sciences* **106** (28 July): 12213-12214.
- Brewer, Wesley H., John R. Baumgardner, & John C. Sanford.** 2013. "Using Numerical Simulation to Test the 'Mutation-Count' Hypothesis," in Marks *et al.* (2013a, 298-311).
- Brewer, Wesley H., Franzine D. Smith, & John C. Sanford.** 2013. "Information Loss: Potential for Accelerating Natural Genetic Attenuation of RNA Viruses," in Marks *et al.* (2013a, 369-384).
- Briani, Giacomo, Matthieu Gounelle, Yves Marrocchi, Smail Mostefaoui, Hugues Leroux, Eric Quirico, & Anders Meibom.** 2009. "Pristine extraterrestrial material with unprecedented nitrogen isotopic variation." *Proceedings of the National Academy of Sciences* **106** (30 June): 10522-10527.
- Briat, Jean-François.** 2010. "Arsenic tolerance in plants: 'Pas de deux' between phytochelatin synthesis and ABCC vacuolar transporters." *Proceedings of the National Academy of*

- Sciences* **107** (7 December): 20853-20854.
- Bricken, Rob.** 2014. "God's 12 Biggest Dick Moves in the Old Testament." *io9* 14 February posting (online text at www.io9.com accessed 2/15/2014).
- Bricker, Daniel K., Eric B. Taylor, John C. Schell, Thomas Orsak, Audrey Boutron, Yu-Chan Chen, James E. Cox, Caleb M. Cardon, Jonathan G. Van Vranken, Noah Dephoure, Claire Redin, Sihem Boudina, Steven P. Gygi, Michèle Brivet, Carl S. Thummel, & Jared Rutter.** 2012. "A Mitochondrial Pyruvate Carrier Required for Pyruvate Uptake in Yeast, *Drosophila*, and Humans." *Science* **337** (6 July): 96-100.
- Brickey, Henri.** 2008. "Fossil find could lead to ruin of Crosbyton museum owner." *Lubbock Avalanche-Journal* posting 13 January: online text accessed 5/30/2011 (lubbockonline.com).
- Bridgeman, Bruce.** 2003. "Grammar originates in action planning, not in cognitive and sensorimotor visual systems." *Behavioral and Brain Sciences* **26** (3): 287.
- . 2008. "The role of motor-sensory feedback in the evolution of mind." *Behavioral and Brain Sciences* **31** (April): 132-133.
- Bridges, Bryn A.** 2001. "Hypermutation in bacteria and other cellular systems." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **356** (29 January): 29-39.
- Bridges, C. D. B.** 1989. "Distribution of retinol isomerase in vertebrate eyes and its emergence during retinal development." *Vision Research* **29** (December): 1711-1717.
- Bridges, J. C., B. Schmitz, R. Hutchison, R. C. Greenwood, M. Tassinari, & I. A. Franchi.** 2007. "Petrographic classification of Middle Ordovician fossil meteorites from Sweden." *Meteoritics & Planetary Science* **42** (October): 1781-1789.
- Bridgham, Jamie T.** 2016. "Predicting the basis of convergent evolution." *Science* **354** (21 October): 289.
- Bridgham, Jamie T., Justine E. Brown, Adriana Rodríguez-Marí, Julian M. Catchen, & Joseph W. Thornton.** 2008. "Evolution of a New Function by Degenerative Mutation in Cephalochordate Steroid Receptors." *PLoS Genetics* (online @ plosgenetics.org) **4** (September): e1000191.
- Bridgham, Jamie T., Sean M. Carroll, & Joseph W. Thornton.** 2006. "Evolution of Hormone-Receptor Complexity by Molecular Exploitation." *Science* **312** (7 April): 97-101.
- Bridgham, Jamie T., Geeta N. Eick, Claire Larroux, Kirti Deshpande, Michael J. Harms, Marie E. A. Gauthier, Eric A. Ortlund, Bernard M. Degnan, & Joseph W. Thornton.** 2010. "Protein Evolution by Molecular Tinkering: Diversification of the Nuclear Receptor Superfamily from a Ligand-Dependent Ancestor." *PLoS Biology* (online @ plosbiology.org) **8** (October): e1000497.
- Bridgham, Jamie T., June Keay, Eric A. Ortlund, & Joseph W. Thornton.** 2014. "Vestigialization of an Allosteric Switch: Genetic and Structural Mechanisms for the Evolution of Constitutive Activity in a Steroid Hormone Receptor." *PLoS Genetics* (online @ plosgenetics.org) **10** (January): e1004058.
- Bridgham, Jamie T., Eric A. Ortlund, & Joseph W. Thornton.** 2009. "An epistatic ratchet constrains the direction of glucocorticoid receptor evolution." *Nature* **461** (24 September): 515-519.
- Bridgman, W. T. "Tom".** 2008. "John Hartnett's Cosmos. 1. Introduction." *Dealing with Creationism in Astronomy* 22 September posting (online text at dealingwithcreationisminastronomy.blogspot.com accessed 10/9/2013).
- Bridle, J. R., & M. G. Ritchie.** 2001. "Assortative mating and the genic view of speciation." *Journal of Evolutionary Biology* **14** (November): 878-879.
- Briegel, Ariane, Davi R. Ortega, Elitza I. Tocjeva, Kristin Wuichet, Zhou Li, Songye Chen, Axel Müller, Cristina V. Iancu, Gavin E. Murphy, Megan J. Dobro, Igor B. Zhulin, & Grant J. Jensen.** 2009. "Universal architecture of bacterial chemoreceptor arrays." *Proceedings of the National Academy of Sciences* **106** (6 October): 17181-17186.
- Brierley, Justin.** 2013. Stephen Meyer-Charles Marshall *Darwin's Doubt* evolution debate. *Premier Christian Radio* podcast posting (online MP3 at www.premierradio.org.uk)

- accessed 12/11/2013).
- . 2017. “Stephen Meyer Debates Perry Marshall—Intelligent Design vs. Evolution 2.0: ‘What Happened to Evolution at the Royal Society?’.” *Cosmic Fingerprints* transcript posting (online text at *cosmicfingerprints.com* accessed 3/29/2017).
- Briffa, Keith R., & Timothy J. Osborn.** 2002. “Blowing Hot and Cold.” *Science* **295** (22 March): 2227-2228.
- Briggs, Adrian E., Jeffrey M. Good, Richard E. Green, Johannes Krause, Tomislav Maricic, Udo Stenzel, Carles Lalueza-Fox, Pavao Rudan, Dejana Brajković, Željko Kučan, Ivan Gušić, Ralf Schmitz, Vladimir B. Doronichev, Liubov V. Golovanova, Marco de la Rasilla, Javier Fortea, Antonio Rosas, & Svante Pääbo.** 2009. “Targeted Retrieval and Analysis of Five Neandertal mtDNA Genomes.” *Science* **325** (17 July): 318-321.
- Briggs, Carolyn S.** 2012. “An Atheist Hero is Something to Be.” *Religion Dispatches* 4 March (online text at *religiondispatches.org* accessed 3/6/2012).
- Briggs, David.** 2011. “The Doubled-Edged Sword of Religion and Alcoholism.” *Huffington Post* posting 19 March (online text at *huffingtonpost.com* accessed 11/27/2012).
- Briggs, Derek E. G.** 1991. “Extraordinary Fossils.” *American Scientist* **79** (March-April): 130-141.
- . 1994. “Giant Predators from the Cambrian of China.” *Science* **264** (27 May): 1283-1284.
- . 1995. “Experimental taphonomy.” *Palaios* **10** (December): 539-550.
- . 2003. “The Role of Decay and Mineralization in the Preservation of Soft-Bodied Fossils.” *Annual Review of Earth and Planetary Sciences* **31**: 275-301.
- . 2013. “A mosquito’s last supper reminds is not to underestimate the fossil record.” *Proceedings of the National Academy of Sciences* **110** (12 November): 18353-18354.
- . 2015. “The Cambrian explosion.” *Current Biology* **25** (5 October): R864-R868.
- Briggs, Derek E. G., & Christoph Bartels.** 2001. “New arthropods from the Lower Devonian Hunsrück Slate (Lower Emsian, Rhenish Massif, western Germany).” *Palaeontology* **44** (March): 275-303.
- Briggs, Derek E. G., Richard P. Evershed, & Matthew J. Lockheart.** 2000. “The biomolecular paleontology of continental fossils.” *Paleobiology* **26** (December Supplement 4): 169-193.
- Briggs, Derek E. G., & Richard A. Fortey.** 2005. “Wonderful strife: systematics, stem groups, and the phylogenetic signal of the Cambrian radiation.” *Paleobiology* **31** (June Supplement): 94-112.
- Briggs, Derek E. G., Richard A. Fortey, & Matthew A. Wills.** 1992. “Morphological Disparity in the Cambrian.” *Science* **256** (19 June): 1670-1673.
- Briggs, Derek E. G., & Amanda J. Kear.** 1993a. “Fossilization of Soft Tissue in the Laboratory.” *Science* **259** (5 March): 1439-1442.
- . 1993b. “Decay of *Branchiostoma*: implications for soft tissue preservation in conodonts and other primitive chordates.” *Lethaia* **26** (December): 275-287.
- Briggs, D. E. G., A. J. Kear, D. M. Martill, & P. R. Wilby.** 1993. “Phosphatization of soft tissue in experiments and fossils.” *Journal of the Geological Society, London* **50** (December): 1035-1038.
- Briggs, Derek E. G., Derek J. Siveter, David J. Siveter, Mark D. Sutton, Russell J. Garwood, & David Legg.** 2012. “Silurian horseshoe crab illuminates the evolution of arthropod limbs.” *Proceedings of the National Academy of Sciences* **109** (25 September): 15702-15705.
- Briggs, Derek E. G., Mark D. Sutton, David J. Siveter, & Derek J. Siveter.** 2005. “Metamorphosis in a Silurian barnacle.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 November): 2365-2369.
- Briggs, John, & F. David Peat.** 1989. *Turbulent Mirror: An Illustrated Guide to Chaos Theory and the Science of Wholeness*. 1990 pb ed. New York: Harper & Row.
- Briggs, John C.** 1989. “The Historic Biogeography of India: Isolation or Contact?” *Systematic Zoology* **38** (December): 322-332.
- . 2003. “The biogeographic and tectonic history of India.” *Journal of Biogeography* **30**

- (March): 381-388.
- Briggs, Laura J., Jacqueline A. Davidge, Bill Wickstead, Michael L. Ginger, & Keith Gull.** 2004. "More than one way to build a flagellum: comparative genomics of parasitic protozoa." *Current Biology* **14** (10 August): R611-R612.
- Briggs, William M.** 2017. "March for Science a Dud." *The Stream* 22 April posting (online text at *stream.org* accessed 4/30/2017).
- Briggs, Winslow R.** 2014. "Phototropism: Some History, Some Puzzles, and a Look Ahead." *Plant Physiology* **164** (January): 13-23.
- Brigham-Grette, Julie.** 2009. "Contemporary Arctic change: A paleoclimate déjà vu?" *Proceedings of the National Academy of Sciences* **106** (3 November): 18431-18432.
- Bright, Jen A., Jesús Marugán-Lobón, Samuel N. Cobb, & Emily J. Rayfield.** 2016. "The shapes of bird beaks are highly controlled to nondietary factors." *Proceedings of the National Academy of Sciences* **113** (10 May): 5352-5357.
- Bright, Jonathan, Andrew S. Cohen, David L. Dettman, Philip A. Pearthree, Rebecca J. Dorsey, & Mindy B. Homan.** 2016. "Did a Catastrophic Lake Spillover Integrate the Late Miocene Early Pliocene Colorado River and the Gulf of California?: Microfaunal and Stable Isotope Evidence from Blythe Basin, California-Arizona, USA." *Palaio* **31** (March): 81-91.
- Bright, Kerry L., & Mark D. Rausher.** 2008. "Natural Selection on a Leaf-Shape Polymorphism in the Ivyleaf Morning Glory." *Evolution* **62** (August): 1978-1990.
- Brill, Steven.** 2011. *Class Warfare: Inside the Fight to Fix America's Schools*. New York: Simon & Schuster.
- Brilliantov, Nikolai, P. L. Krapivsky, Anna Bodrova, Frank Spahn, Hisao Hayakawa, Vladimir Stadnichuk, & Jürgen Schmidt.** 2015. "Size distribution of particles in Saturn's rings from aggregation and fragmentation." *Proceedings of the National Academy of Sciences* **112** (4 August): 9536-9541.
- Brilot, Axel F., Andrei A. Korostelev, Dmitri N. Ermolenko, & Nikolaus Grigorieff.** 2013. "Structure of the ribosome with elongation factor G trapped in the pretranslocation state." *Proceedings of the National Academy of Sciences* **110** (24 December): 20994-20999.
- Brinch, Christian N., & Taryn Ann Galloway.** 2012. "Schooling in adolescence raises IQ scores." *Proceedings of the National Academy of Sciences* **109** (10 January): 425-430.
- Brinck, Ingar.** 2003. "The objects of attention: Causes and targets." *Behavioral and Brain Sciences* **26** (3): 287-288.
- Brincker, Maria.** 2015. "Evolution Beyond Determinism: On Dennett's Compatibilism and the Too Timeless Free Will Debate." *Journal of Cognition and Neuroethics* **3** (March): 39-74.
- Brindefalk, Björn, Johan Viklund, Daniel Larsson, Mikael Thollessen, & Siv G. E. Anderson.** 2007. "Origin and Evolution of the Mitochondrial Aminoacyl-tRNA Synthetases." *Molecular Biology and Evolution* **24** (March): 743-756.
- Brindle, Wayne.** 1984. "The Census and Quirinius: Luke 2:2." *Journal of the Evangelical Theological Society* **27** (March): 43-52.
- Briney, Patrick R.** 2009. "Questions to Ask Evolutionists." Mission Boulevard Baptist Church *Creation Insights* posting (online text at *mbbc.us* accessed 8/17/2014).
- Bringsjord, Selmer, & Hong Xiao.** 2000. "A refutation of Penrose's Gödelian case against artificial intelligence." *Journal of Experimental & Theoretical Artificial Intelligence* **12**: 307-329.
- Brink, K. S., R. R. Reisz, A. R. H. LeBlanc, R. S. Chang, Y. C. Lee, C. C. Chiang, T. Huang, & D. C. Evans.** 2015. "Developmental and evolutionary novelty in the serrated teeth of theropod dinosaurs." *Scientific Reports* (online @ www.nature.com/srep/) **5** (28 July): 12338.
- Brinker, Luke.** 2013. "Fox's Starnes Laments That The Military Doesn't Allow Anti-Gay Insubordination." Media Matters *Blog* posting 11 July (online text at *mediamatters.org* accessed 8/3/2013).
- Brinkhuis, Henk, Stefan Schouten, Margaret E. Collinson, Appy Sluijs, Jaap S. Sinninghe Damsté, Gerald R. Dickens, Matthew Huber, Thomas M. Cronin, Jonaotaro Onodera,**

- Kozo Takahashi, Jonathan P. Bujak, Ruediger Stein, Johan van der Burgh, James S. Eldrett, Ian C. Harding, André F. Lotter, Francesca Sangiorgi, Han van Konijnenburg-van Cittert, Jan W. de Leeuw, Jens Matthiessen, Jan Backman, Kathryn Moran, & the Expedition 302 Scientists.** 2006. “Episodic fresh surface waters in the Eocene Arctic Ocean.” *Nature* **441** (1 June): 606-609.
- Brinkman, Fiona S. L., Jeffrey L. Blanchard, Artem Cherkasov, Yossef Av-Gay, Robert C. Brunham, Rachel C. Fernandez, B. Brett Finlay, Sarah P. Otto, B. F. Francis Ouellette, Patrick J. Keeling, Ann M. Rose, Robert E. W. Hancock, & Steven J. M. Jones.** 2002. “Evidence that Plant-Like Genes in *Chlamydia* Species Reflect an Ancestral Relationship between Chlamydiaceae, Cyanobacteria, and the Chloroplast.” *Genome Research* **12** (August): 1159-1167.
- Brinkman, G. A., A. H. W. Aten Jr., & J. Th. Veenboer.** 1965. “Natural radioactivity of K-40, Rb-87 and Lu-176.” *Physica* **31** (August): 1305-1319.
- Brinkmann, Henner, & Hervé Philippe.** 2007. “The Diversity of Eukaryotes and the Root of the Eukaryotic Tree,” in Jékely (2007a, 20-37).
- Brinkmann, Henner, Byrappa Venkatesh, Sydney Brenner, & Axel Meyer.** 2004. “Nuclear protein-coding genes support lungfish and not the coelacanth as the closest living relatives of land vertebrates.” *Proceedings of the National Academy of Sciences* **101** (6 April): 4900-4905.
- Brinkman-Van der Linden, Els C. M., Eric R. Sjöberg, Lekh Raj Juneja, Paul R. Crocker, Nissi Varki, & Ajit Varki.** 2000. “Loss of *N*-Glycolylneuraminic Acid in Human Evolution.” *The Journal of Biological Chemistry* **275** (24 March): 8633-8640.
- Brinster, Ralph L., Howard Y. Chen, Myrna E. Trumbauer, Mary K. Yagle, & Richard D. Palmiter.** 1985. “Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs.” *Proceedings of the National Academy of Sciences* **82** (1 July): 4438-4442.
- Briones, Carlos, Michael Stich, & Susan C. Manrubia.** 2009. “The dawn of the RNA World: Toward functional complexity through ligation of random RNA oligomers.” *RNA* **15** (May): 743-749.
- Briscoe, Adriana D.** 2008. “Reconstructing the ancestral butterfly eye: focus on the opsins.” *The Journal of Experimental Biology* **211** (1 June): 1805-1813.
- Briscoe, Adriana D., Seth M. Bybee, Gary D. Bernard, Furong Yuan, Marilou P. Sison-Mangus, Robert D. Reed, Andrew D. Warren, Jorge Llorente-Bousquets, & Chuan-Chin Chiao.** 2010a. “Positive selection of a duplicated UV-sensitive visual pigment coincides with wing pigment evolution in *Heliconius* butterflies.” *Proceedings of the National Academy of Sciences* **107** (23 February): 3628-3633.
- . 2010b. “Reply to Nozawa et al.: Complementary statistical methods support positive selection of a duplicated UV opsin gene in *Heliconius*.” *Proceedings of the National Academy of Sciences* **107** (8 June): E97.
- Briscoe, Adriana D., & Lars Chittka.** 2001. “The Evolution of Color Vision in Insects.” *Annual Review of Entomology* **46**: 471-510.
- Briscoe, Adriana D., Aide Macias-Muñoz, Krzysztof M. Kozak, James R. Walters, Furong Yuan, Gabriel A. Jamie, Simon H. Martin, Kanchon K. Dasmahapatra, Laura C. Ferguson, James Mallet, Emmanuele Jacquin-Joly, & Chris D. Jiggins.** 2013. “Female Behaviour Drives Expression and Evolution of Gustatory Receptors in Butterflies.” *PLoS Genetics* (online @ plosgenetics.org) **7** (July): e1003620.
- Brisson, D.** 2003. “The directed mutation controversy in an evolutionary context.” *Critical Reviews in Microbiology* **29** (1): 25-35.
- Bristow, Thomas F., Martin J. Kennedy, Arkadiusz Derkowski, Mary L. Droser, Ganqing Jiang, & Robert A. Creaser.** 2009. “Mineralogical constraints on the paleoenvironments of the Ediacaran Doushantuo Formation.” *Proceedings of the National Academy of Sciences* **106** (11 August): 13190-13195.
- Britain, Troy.** 1999. “Just What Do They Say, Dr. Morris?” *Reports of the National Center for Science Education* **19** (January-February): 22-23.

- . 2011. “A Tale of Two Dinosaurs.” *Playing Chess with Pigeons* 28 February (online text at *pigeonchess.com* accessed 7/16/2012).
- . 2012a. “Creationists are just buggy about bugs.” *Playing Chess with Pigeons* 29 February posting (online text at *pigeonchess.com* accessed 12/23/2012).
- . 2012b. “‘Gill slits’ by any other name....” *Playing Chess with Pigeons* 31 May posting (online text at *pigeonchess.com* accessed 6/6/2012).
- . 2012c. “Fuzzy thinking about fuzzy dinosaurs.” *Playing Chess with Pigeons* 16 July posting (online text at *pigeonchess.com* accessed 7/16/2012).
- . 2012d. “Darwin on race and slavery.” *Troy Britain’s Creation/Evolution Locus* undated posting (online text at *commondescent.net* accessed 8/23/2012).
- Britannica*. 2008. *The Britannica Guide to Climate Change: An unbiased guide to the key issue of our age*. Philadelphia: Robinson (Running Press).
- Brites, Daniela, Seanna McTaggart, Krystalynne Morris, Jobriah Anderson, Kelly Thomas, Isabelle Colson, Thomas Fabbro, Tom J. Little, Dieter Ebert, & Louis Du Pasquier.** 2008. “The Dscam Homologue of the Crustacean *Daphnia* Is Diversified by Alternative Splicing Like in Insects.” *Molecular Biology and Evolution* **25** (July): 1429-1439.
- Britt, Brooks B., Peter J. Makovicky, Jacques Gauthier, & Niels Bonde.** 1998. “Postcranial pneumatization in *Archaeopteryx*.” *Nature* **395** (24 September): 374-376.
- Britt, R. David, & Paul H. Oyala.** 2014. “One step closer to O₂.” *Science* **345** (15 August): 736.
- Britten, Roy J.** 1994. “Evidence that most human *Alu* sequences were inserted in a process that ceased about 30 million years ago.” *Proceedings of the National Academy of Sciences* **91** (21 June): 6148-6150.
- . 1996. “DNA sequence insertion and evolutionary variation in gene regulation.” *Proceedings of the National Academy of Sciences* **93** (3 September): 9374-9377.
- . 1998. “Underlying assumptions of developmental models.” *Proceedings of the National Academy of Sciences* **95** (4 August): 9372-9377.
- . 2002. “Divergence between samples of chimpanzee and human DNA sequences is 5%, counting indels.” *Proceedings of the National Academy of Sciences* **99** (15 October): 13633-13635.
- . 2004. “Coding sequences of functioning human genes derived entirely from mobile element sequences.” *Proceedings of the National Academy of Sciences* **101** (30 November): 16825-16830.
- . 2010. “Transposable element insertions have strongly affected human evolution.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19945-19948.
- Britton, Ron.** 2009. “No Transitional Fossils between Kevin Wirth and Credibility.” *Bay of Fundie: Keeping the Radical Right at Bay* 13 December posting (online text at *www.bay-of-fundie.com* accessed 12/14/2013).
- Britton-Davidian, J.** 2001. “How do chromosomal changes fit in?” *Journal of Evolutionary Biology* **14** (November): 872-873.
- Broad, C. D.** 1929. *The Mind and its Place in Nature*. 1960 pb ed. Patterson, NJ: Littlefield, Adams & Co.
- . 1960. *Lectures on Psychical Research*. New York: Humanities Press.
- Broad, William J.** 1996. “Venus’s Remade Face Offers Hints of Cataclysm.” *The New York Times* posting 16 July: online text accessed 11/8/2014 (*partners.nytimes.com*).
- Broadhead, Richard, Helen R. Dawe, Helen Farr, Samantha Griffiths, Sarah R. Hart, Neil Portman, Michael K. Shaw, Michael L. Ginger, Simon J. Gaskell, Paul G. McKean, & Keith Gull.** 2006. “Flagellar motility is required for the viability of the bloodstream trypanosome.” *Nature* **440** (9 March): 224-227.
- Broadus, Julie, & Chris Q. Doe.** 1995. “Evolution of neuroblast identity: *seven-up* and *prospero* expression reveal homologous and divergent neuroblast fates in *Drosophila* and *Schistocerca*.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **121** (1 December): 3989-3996.
- Brocchieri, Luciano, & Samuel Karlin.** 2005. “Protein length in eukaryotic and prokaryotic

- proteomes.” *Nucleic Acids Research* **33** (June): 3390-3400.
- Brochet, Mathieu, Christophe Rusniok, Elisabeth Couvé, Shaynoor Dramsi, Claire Poyart, Patrick Trieu-Cuot, Frank Kunst, & Philippe Glaser.** 2008. “Shaping a bacterial genome by large chromosomal replacements, the evolutionary history of *Streptococcus agalactiae*.” *Proceedings of the National Academy of Sciences* **105** (14 October): 15961-15966.
- Brochier, Céline, & Hervé Philippe.** 2002. “A non-hyperthermophilic ancestor for Bacteria.” *Nature* **417** (16 May): 244.
- Brochier-Armanet, Céline, Bastien Boussau, Simonetta Gribaldo, & Patrick Forterre.** 2008. “Mesophilic crenarchaeota: proposal for a third archaeal phylum, the Thaumarchaeota.” *Nature Reviews Microbiology* **6** (March): 245-252.
- Brochu, Christopher A.** 2001. “Crocodylian Snouts in Space and Time: Phylogenetic Approaches Toward Adaptive Radiation.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 564-585.
- . 2003. “Phylogenetic Approaches Toward Crocodylian History.” *Annual Review of Earth and Planetary Sciences* **31**: 357-397.
- Brock, Jon.** 2013. “Connectivity and cognition in autism spectrum disorders: Where are the links?” *Proceedings of the National Academy of Sciences* **110** (15 October): E3973.
- Brockes, Jeremy P., Anoop Kumar, & Cristiana P. Velloso.** 2001. “Regeneration as an evolutionary variable.” *Journal of Anatomy* **199** (July): 3-11.
- Brockhurst, Michael A.** 2010. “Using Microbial Microcosms to Study Host-Parasite Coevolution.” *Evolution: Education & Outreach* **3** (March): 14-18.
- . 2011. “Sex, Death, and the Red Queen.” *Science* **333** (8 July): 166-167.
- Brocklehurst, Neil, Michael O. Day, Bruce S. Rubidge, & Jörg Fröbisch.** 2017. “Olson’s Extinction and the latitudinal biodiversity gradient of tetrapods in the Permian.” *Proceedings of the Royal Society of London B* (Biological Sciences) **284** (12 April): 20170231.
- Brockman, David R.** 2014. “6 Overlooked Takeaways From A Reviewer of Controversial Texas Textbooks.” *Religion Dispatches* 17 December posting (online text at religiondispatches.org accessed 12/18/2014).
- Brockman, John,** ed. 1995. *The Third Culture*. New York: Simon & Schuster.
- , ed. 2006. *Intelligent Thought: Science Versus the Intelligent Design Movement*. New York: Vintage Books.
- , ed. 2008. *Life: What A Concept! An Edge Special Event at Eastover Farm*. New York: EDGE Foundation (online pdf accessed 1/1/2014 at edge.org).
- Brockman, Max,** ed. 2009. *What’s Next? Dispatches on the Future of Science*. New York: Vintage Books.
- Brocks, Jochen J., & Nicholas J. Butterfield.** 2009. “Early animals out in the cold.” *Nature* **457** (5 February): 672-673.
- Brocks, Jochen J., Graham A. Logan, Roger Buick, & Roger E. Summons.** 1999. “Archean Molecular Fossils and the Early Rise of Eukaryotes.” *Science* **285** (13 August): 1033-1036.
- Brodbeck, Luzius, Simon Hauser, & Fumoya Iida.** 2015. “Morphological Evolution of Physical Robots through Model-Free Phenotype Development.” *PLoS ONE* (online @ plosone.org) **10** (June): e0128444.
- Brodeur, Nicole.** 2013. “Bill Nye the Science Guy: ‘I have no trouble taking political stances’.” *The Seattle Times* posting 21 July: online text accessed 7/29/2013 (seattletimes.com).
- Brodie, Edmund D. III.** 2010. “How an ancient genome duplication electrified modern fish.” *Proceedings of the National Academy of Sciences* **107** (21 December): 21953-21954.
- Brodribb, Tim J., & Scott A. M. McAdam.** 2011. “Passive Origins of Stomatal Control in Vascular Plants.” *Science* **331** (4 February): 582-585.
- Brodsky, Stanley J., & Robert Shrock.** 2011. “Condensates in quantum chromodynamics and the cosmological constant.” *Proceedings of the National Academy of Sciences* **108** (4 January): 45-50.
- Brodstein, Judith L., Ruben Alarcón, & Monica Geber.** 2006. “The evolution of plant-insect

- mutualisms.” *New Phytologist* **172** (3): 412-428.
- Brody, David.** 2009. “Sarah Palin and Evolution.” Christian Broadcasting Network *The Brody File* 16 November posting (online text at *blogs.cbn.com* accessed 4/29/2011).
- . 2010. “GMA Media Bias on Noah’s Ark Finding?” Christian Broadcasting Network *The Brody File* 28 April posting (online text at *blogs.cbn.com* accessed 4/29/2011).
- . 2011. “Donald Trump is Big Winner in the Obama Birth Certificate Story.” Christian Broadcasting Network *The Brody File* 27 April posting (online text at *blogs.cbn.com* accessed 4/29/2011).
- Brody, E., & J. Abelson.** 1985. “The ‘spliceosome’: yeast pre-messenger RNA associates with a 40S complex in a splicing-dependent reaction.” *Science* **228** (24 May): 963-967.
- Broecker, Wallace S.** 1987. “Unpleasant surprises on the greenhouse?” *Nature* **328** (9 July): 123-126.
- . 1995. “Chaotic Climate.” *Scientific American* **273** (November): 62-68.
- . 2001. “Was the Medieval Warm Period Global?” *Science* **291** (23 February): 1497-1499.
- Broecker, Wallace S., & George H. Denton.** 1990. “What Drives Glacial Cycles?” *Scientific American* **262** (January): 49-56.
- Broecker, Wallace S., & Aaron E. Putnam.** 2013. “Hydrologic impacts of past shifts of Earth’s thermal equator offer insight into those to be produced by fossil fuel CO².” *Proceedings of the National Academy of Sciences* **110** (15 October): 16710-16715.
- Broglia, Timothy.** 2010. “Catholic Archbishop for the Military Services USA: Don’t repeal DADT.” The Washington Post *On Faith Guest Voices* posting 1 December: online text accessed 12/13/2010 (*onfaith.washingtonpost.com*).
- Brohan, P., J. J. Kennedy, I. Harris, S. F. B. Tett, & P. D. Jones.** 2006. “Uncertainty estimates in regional and global observed temperature changes: a new dataset from 1850.” *Journal of Geophysical Research: Atmospheres (1984-2012)* **111** (27 June): D12106.
- Bro-Jørgensen, Jakob.** 2013. “Evolution of Sprint Speed in African Savannah Herbivores in Relation to Predation.” *Evolution* **67** (November): 3371-3376.
- Bromage, Timothy, & Friedemann Schrenk,** eds. 1999. *African Biogeography, Climate Change, and Human Evolution*. New York: Oxford University Press.
- Bromham, Lindell.** 2002. “Searching for Pax in hydromedusa.” *Trends in Ecology & Evolution* **17** (January): 11-12.
- . 2003. “What can DNA Tell us About the Cambrian Explosion?” *Integrative and Comparative Biology (AKA American Zoologist)* **43** (February): 148-156.
- Bromham, Lindell, Adam Eyre-Walker, Noel E. Smith, & John Maynard Smith.** 2003. “Mitochondrial Steve: paternal inheritance of mitochondria in humans.” *Trends in Ecology & Evolution* **18** (January): 2-4.
- Bromham, Lindell, Xia Hua, Thomas G. Fitzpatrick, & Simon J. Greenhill.** 2015. “Rate of language evolution is affected by population size.” *Proceedings of the National Academy of Sciences* **112** (17 February): 2097-2102.
- Bromham, Lindell, Andrew Rambaut, Richard Fortey, Alan Cooper, & David Penny.** 1998. “Testing the Cambrian explosion hypothesis by using a molecular dating technique.” *Proceedings of the National Academy of Sciences* **95** (31 October): 12386-12389.
- Bromley, Gordon R. M., Aaron E. Putnam, Kurt M. Rademaker, Thomas V. Lowell, Joerg M. Schaefer, Brenda Hall, Gisela Winckler, Sean D. Birkel, & Harold W. Borns.** 2014. “Younger Dryas deglaciation of Scotland driven by warming summers.” *Proceedings of the National Academy of Sciences* **111** (29 April): 6215-6219.
- Bromley, R., L. Buatois, J. Genise, M. G. Mángano, & R. Melchor,** eds. 2007. *Ichnology at the Crossroads: A Multidimensional Approach to the Science of Organism-Substrate Interactions*. Tulsa, OK: SEPM (Society for Sedimentary Geology) Special Publications.
- Bromling, Brad.** 1996. “When Bryan Took the Stand.” *Reason & Revelation* **16** (August): 63-64.
- Bromm, Volker.** 2010. “To Cool or Not to Cool.” *Science* **329** (2 July): 45-46.
- . 2012. “Embers of the Distant Past.” *Science* **338** (30 November): 1160-1161.
- . 2014. “Imprint of an ancient conflagration.” *Science* **345** (22 August): 868-869.

- Brommer, Jon E., & Kalev Rattiste.** 2008. “‘Hidden’ Reproductive Conflict Between Mates in a Wild Bird Population.” *Evolution* **62** (September): 2326-2333.
- Bronner, Marianne E.** 2015. “On the crest of becoming vertebrate.” *Nature* **527** (19 November): 311-312.
- Bronski, Michael, Ann Pellegrini, & Michael Amico.** 2013. “Does Religion Condemn Homosexuality?” *Religion Dispatches* 1 October posting (online text at religiondispatches.org accessed 10/29/2013).
- Broockman, David, Joshua Kalla, & Peter Aronow.** 2015. “Irregularities in LaCour (2014).” *Stanford University* 19 May faculty posting (online pdf at stanford.edu accessed 5/23/2015).
- Broodbank, Cyprian.** 2006. “The Origins and Early Development of Mediterranean Maritime Activity.” *Journal of Archaeological Science* **19** (2): 199-230.
- Brook, Barry W., & David M. J. S. Bowman.** 2002. “Explaining Pleistocene megafaunal extinctions: Models, chronologies, and assumptions.” *Proceedings of the National Academy of Sciences* **99** (12 November): 14624-14627.
- Brook, Barry W., Corey J. A. Bradshaw, Alan Cooper, Christopher N. Johnson, Trevor H. Worthy, Michael Bird, Richard Gillespie, & Richard G. Roberts.** 2013. “Lack of chronological support for stepwise prehuman extinctions of Australian megafauna.” *Proceedings of the National Academy of Sciences* **110** (3 September): E3368.
- Brook, Edward J.** 2005. “Tiny Bubbles Tell All.” *Science* **310** (25 November): 1285-1287.
- . 2012. “The Ice Age Carbon Puzzle.” *Science* **336** (11 May): 682-683.
- . 2013. “Leads and Lags at the End of the Last Ice Age.” *Science* **339** (1 March): 1042-1043.
- Brooke, John Hedley.** 2002. “Natural Theology,” in Ferngren (2002, 163-175).
- . 2005. “A secular religion.” *Nature* **437** (6 October): 815-816.
- . 2009. “Myth 25: That Modern Science Has Secularized Western Culture,” in Numbers (2009a, 224-232).
- . 2010. “Darwin and Religion: Correcting the Caricatures.” *Science & Education* **19** (May): 391-405.
- Brooke, Nina M., & Peter W. H. Holland.** 2003. “The evolution of multicellularity and early animal genomes.” *Current Opinion in Genetics & Development* **13** (December): 599-603.
- Brooker, Emily.** 2006. U.S. District Court for the Western District of Missouri re: *Emily Brooker v. The Governors of Missouri State University, et al.* complaint posting by *Alliance Defending Freedom* (online pdf via adfmedia.org accessed 9/23/2014).
- Brookes, Martin.** 2004. *Extreme Measures: The Dark Visions and Bright Ideas of Francis Galton*. New York: Bloomsbury.
- Brookfield, J. F. Y.** 1999. “Explanation and prediction and the maintenance of sexual reproduction.” *Journal of Evolutionary Biology* **12** (November): 1017-1019.
- . 2012. “Dangers of ‘Adaptation’.” *Heredity* **108** (April): 460.
- Brooks, Alison S.** 1993. “Modern Human Origins—What’s New With What’s Old.” *Creation/Evolution* **13** (Summer): 1-9.
- Brooks, Alison S., David M. Helgren, Jon S. Cramer, Alan Franklin, William Hornyak, Jody M. Keating, Richard G. Klein, William J. Rink, Henry Schwarcz, J. N. Leith Smith, Kathlyn Stewart, Nancy E. Todd, Jacques Verniers, & John E. Yellen.** 1995. “Dating and Context of Three Middle Stone Age Sites with Bone Points in the Upper Semliki Valley, Zaire.” *Science* **268** (28 April): 548-553.
- Brooks, C., D. E. James, & S. R. Hart.** 1976. “Ancient Lithosphere: Its Role in Young Continental Volcanism.” *Science* **193** (17 September): 1086-1094.
- Brooks, Carrie F., Maria E. Francia, Mathieu Gissot, Matthew M. Croken, Kami Kim, & Boris Striepen.** 2011. “*Toxoplasma gondii* sequesters centromeres to a specific nuclear region throughout the cell cycle.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3767-3772.
- Brooks, Daniel R.** 2008. “ID: Intelligent Design as Imitatio Dei (report on the 2007 ‘Wistar Retrospective Symposium’).” *Panda’s Thumb* posting 6 February (online text at

- pandasthumb.org* accessed 3/10/2012).
- . 2010. “Sagas of the Children of Time: The Importance of Phylogenetic Teaching in Biology.” *Evolution: Education & Outreach* **3** (December): 495-498.
- . 2011a. “The Extended Synthesis: Something Old, Something New.” *Evolution: Education & Outreach* **4** (March): 3-7.
- . 2011b. “The Extended Synthesis: The Law of the Conditions of Existence.” *Evolution: Education & Outreach* **4** (June): 254-261.
- . 2011c. “The Major Metaphors of Evolution: Visualizing the Extended Synthesis.” *Evolution: Education & Outreach* **4** (September): 446-452.
- Brooks, Daniel R., & Eric P. Hoberg.** 2008. “Darwin’s Necessary Misfit and the Sloshing Bucket: The Evolutionary Biology of Emerging Infectious Diseases.” *Evolution: Education & Outreach* **1** (January): 2-9.
- Brooks, Daniel R., & Deborah A. McLennan.** 2010. “The Biodiversity Crisis: Lessons from Phylogenetic Sagas.” *Evolution: Education & Outreach* **3** (December): 558-562.
- Brooks, David.** 2004. “Portrait Of A Republican.” *The New York Times* posting 28 August: online text accessed 1/11/2014 (www.nytimes.com).
- . 2011. “Lawmakers pushing creationism in schools is a bad idea.” *Nashua Telegraph* (New Hampshire) posting 3 July: online text accessed 7/9/2011 (www.nashuatelegraph.com).
- . 2012. “Bill would protect teachers who want to teach alternatives to evolution.” *Nashua Telegraph* (New Hampshire) posting 10 February: online text accessed 2/23/2012 (www.nashuatelegraph.com).
- . 2013a. “Heroes of Uncertainty.” *The New York Times* posting 27 May: online text accessed 6/4/2013 (www.nytimes.com).
- . 2013b. “The Secular Society.” *The New York Times* posting 8 July: online text accessed 8/4/2013 (www.nytimes.com).
- . 2015. “Fracking and the Franciscans.” *The New York Times* posting 23 June: online text accessed 6/24/2015 (www.nytimes.com).
- Brooks, Dawn J., Jacques R. Fresco, Arthur M. Lesk, & Mona Singh.** 2002. “Evolution of Amino Acid Frequencies in Proteins Over Deep Time: Inferred Order of Introduction of Amino Acids into the Genetic Code.” *Molecular Biology and Evolution* **19** (October): 1645-1655.
- Brooks, Dawn J., & Eric A. Gaucher.** 2007. “A thermophilic last universal ancestor inferred from its estimated amino acid composition,” in Liberles (2007, 200-207).
- Brooks, Deborah Jordan.** 2001. “Substantial Numbers of Americans Continue to Doubt Evolution as Explanation for Origin of Humans.” University of Nebraska faculty posting of 5 March *Gallup News Service* press release (online text at www.unl.edu accessed 2/11/2009).
- Brooks, Harold E., Gregory W. Garber, & Patrick T. Marsh.** 2014. “Increased variability of tornado occurrence in the United States.” *Science* **346** (17 October): 349-352.
- Brooks, Joanna.** 2010a. “Beck, Native Americans, and the Book of Mormon.” *Religion Dispatches* 24 August posting (online text at religiondispatches.org accessed 8/25/2010).
- . 2010b. “Mormons, Jews Reach Accord Over Proxy Baptism.” *Religion Dispatches* 2 September posting (online text at religiondispatches.org accessed 9/3/2010).
- . 2010c. “LDS Church Issues Statement Against Qur’an Burning.” *Religion Dispatches* 9 September posting (online text at religiondispatches.org accessed 9/9/2010).
- . 2010d. “Mitt Romney At Value Voters Summit.” *Religion Dispatches* 20 September posting (online text at religiondispatches.org accessed 9/21/2010).
- . 2010e. “Mike Huckabee’s Fox News Problem.” *Religion Dispatches* 20 September posting (online text at religiondispatches.org accessed 9/21/2010).
- . 2010f. “Mormon Leader: ‘I’m Sorry’ For Hurtful Legacy of Prop. 8.” *Religion Dispatches* 28 September posting (online text at religiondispatches.org accessed 9/30/2010).
- . 2010g. “LDS Apostle Says Same-Sex Attraction Can be Overcome.” *Religion*

- Dispatches* 4 October posting (online text at *religiondispatches.org* accessed 10/5/2010).
- . 2010h. “Controversial LDS Conference Talk Edited for Publication.” *Religion Dispatches* 8 October posting (online text at *religiondispatches.org* accessed 10/11/2010).
- . 2010i. “Why Do Mormons Side with People Who Don’t Like Mormons?” *Religion Dispatches* 21 October posting (online text at *religiondispatches.org* accessed 10/22/2010).
- . 2010j. “55% of Utah Mormons Believe LGBT People can ‘Change’.” *Religion Dispatches* 5 November posting (online text at *religiondispatches.org* accessed 11/9/2010).
- . 2010k. “Mormon ‘Martin Luther’ Causes Stir by Uploading LDS Church Handbook of Instructions to Internet.” *Religion Dispatches* 17 November posting (online text at *religiondispatches.org* accessed 12/2/2010).
- . 2010l. “Homosexual Thoughts and Feelings Not a Sin, Says New LDS Handbook.” *Religion Dispatches* 11 November posting (online text at *religiondispatches.org* accessed 11/13/2010).
- . 2010m. “Canadian Courts Consider Decriminalization of Polygamy.” *Religion Dispatches* 22 November posting (online text at *religiondispatches.org* accessed 11/24/2010).
- . 2010n. “The Other Puritan Dinner Party.” *Religion Dispatches* 24 November posting (online text at *religiondispatches.org* accessed 11/26/2010).
- . 2010o. “‘Dark’ Skin No Longer a Curse in Online Book of Mormon.” *Religion Dispatches* 17 December posting (online text at *religiondispatches.org* accessed 12/20/2010).
- . 2011a. “Glenn Beck Apologizes for Comparing Reform Judaism to ‘Radical Islam’.” *Religion Dispatches* 24 February posting (online text at *religiondispatches.org* accessed 2/26/2011).
- . 2011b. “Hagee and Others See End Times in North African Revolutions.” *Religion Dispatches* 3 March posting (online text at *religiondispatches.org* accessed 3/4/2011).
- . 2011c. “Why the King Hearings Should Matter to Mormons.” *Religion Dispatches* 9 March posting (online text at *religiondispatches.org* accessed 3/10/2011).
- . 2011d. “The Dark Side of BYU’s Honor Code.” *Religion Dispatches* 15 March posting (online text at *religiondispatches.org* accessed 3/16/2011).
- . 2011e. “Man Behind Willie Horton Ad Is Out to Save America from the Mormons.” *Religion Dispatches* 8 April posting (online text at *religiondispatches.org* accessed 4/15/2011).
- . 2011f. “BYU Honor Code Used to Harass Black Athletes.” *Religion Dispatches* 14 April posting (online text at *religiondispatches.org* accessed 4/16/2011).
- . 2011g. “Why David Brooks is Wrong about *The Book of Mormon* Musical.” *Religion Dispatches* 22 April posting (online text at *religiondispatches.org* accessed 4/28/2011).
- . 2011h. “Bill Maher’s Issues with Mormon Underwear.” *Religion Dispatches* 27 April posting (online text at *religiondispatches.org* accessed 4/29/2011).
- . 2011i. “Why is Huntsman’s Mormonism ‘Tough to Define’?” *Religion Dispatches* 13 May posting (online text at *religiondispatches.org* accessed 5/20/2011).
- . 2011j. “Glenn Beck: The One-Man Answer to the Two-State Solution.” *Religion Dispatches* 17 May posting (online text at *religiondispatches.org* accessed 5/20/2011).
- . 2011k. “Saudi Women Take to the Twittersphere to Protest Driving Ban.” *Religion Dispatches* 25 May posting (online text at *religiondispatches.org* accessed 5/26/2011).
- . 2011l. “Mormons & Romney Presidency ‘Dangerous’ According to Evangelical Author.” *Religion Dispatches* 27 May posting (online text at *religiondispatches.org* accessed 5/31/2011).
- . 2011m. “Women2Drive in Saudi Arabia.” *Religion Dispatches* 17 June posting (online text at *religiondispatches.org* accessed 6/17/2011).
- . 2011n. “Fox News Needs to Get a Grip on its Affiliate’s Issues with Mormonism.” *Religion Dispatches* 8 July posting (online text at *religiondispatches.org* accessed 7/11/2011).
- . 2011o. “Fox News: Mormons ‘Obviously not Christian’.” *Religion Dispatches* 18 July posting (online text at *religiondispatches.org* accessed 7/20/2011).

- . 2011p. “Interfaith Alliance Criticizes Fox News Anti-Mormonism.” *Religion Dispatches* 15 July posting (online text at religiondispatches.org accessed 7/20/2011).
- . 2011q. “Will Gay Rights Pave the Way for Decriminalizing Mormon Polygamy?” *Religion Dispatches* 21 July posting (online text at religiondispatches.org accessed 7/22/2011).
- . 2011r. “‘Ex-Gay’ NPR Report Closets Mormon Side of the Story.” *Religion Dispatches* 5 August posting (online text at religiondispatches.org accessed 8/10/2011).
- . 2011s. “Openly Gay Mormon Appointed to LDS Church Leadership Position.” *Religion Dispatches* 24 August posting (online text at religiondispatches.org accessed 8/26/2011).
- . 2011t. “Even Tougher Questions to Ask Mormon Presidential Candidates.” *Religion Dispatches* 29 August (online text at religiondispatches.org accessed 8/31/2011).
- . 2011u. “How Mormon is Mitt Romney?” *Religion Dispatches* 13 September (online text at religiondispatches.org accessed 9/14/2011).
- . 2011v. “Why Romney Won’t Stand up to the Bigotry of Bryan Fischer.” *Religion Dispatches* 6 October (online text at religiondispatches.org accessed 10/7/2011).
- . 2011w. “Romney Stands Up to Bryan Fischer at Values Voters Summit.” *Religion Dispatches* 8 October (online text at religiondispatches.org accessed 10/11/2011).
- . 2011x. “Why Do Southerners Call Mormonism a Cult?” *Religion Dispatches* 10 October (online text at religiondispatches.org accessed 10/13/2011).
- . 2011y. “Does Christopher Hitchens Think Mormons are Sinisterer?” *Religion Dispatches* 19 October posting (online text at religiondispatches.org accessed 10/22/2011).
- . 2011z. “SC Southern Baptist Convention Head: Gingrich’s Adultery Okay, Romney’s Mormonism Now.” *Religion Dispatches* 21 December posting (online text at religiondispatches.org accessed 12/23/2011).
- . 2012a. “The *New York Times* Sunday Review has a Mormon Problem.” *Religion Dispatches* 16 January posting (online text at religiondispatches.org accessed 1/22/2012).
- . 2012b. “Time for Mormons to Come to Terms with Church History.” *Religion Dispatches* 31 January posting (online text at religiondispatches.org accessed 2/4/2012).
- . 2012c. “Mormon Numbers Not Adding Up.” *Religion Dispatches* 2 February posting (online text at religiondispatches.org accessed 2/4/2012).
- . 2012d. “Racist Remarks by popular BYU Religion Professor Spark Controversy.” *Religion Dispatches* 29 February posting (online text at religiondispatches.org accessed 2/29/2012).
- . 2012e. “LDS Church-Owned Radio Station Stands By Rush Limbaugh.” *Religion Dispatches* 8 March posting (online text at religiondispatches.org accessed 3/9/2012).
- . 2012f. “Romney Faces Sticky Questions about LDS ‘Doctrines’ on Race.” *Religion Dispatches* 4 April posting (online text at religiondispatches.org accessed 4/7/2012).
- . 2012g. “Pastor Who Called Mormonism a ‘Cult’ Backs Mitt Romney.” *Religion Dispatches* 18 April posting (online text at religiondispatches.org accessed 4/19/2012).
- . 2012h. “How NOT to Investigate Mitt Romney’s Mormon Ties.” *Religion Dispatches* 2 May posting (online text at religiondispatches.org accessed 5/3/2012).
- . 2012i. “7 Religion Stories to Watch in the 2012 Battleground States.” *Religion Dispatches* 13 May posting (online text at religiondispatches.org accessed 5/14/2012).
- . 2012j. “Mormons Prepare for WA Marriage Equality Fight.” *Religion Dispatches* 21 May posting (online text at religiondispatches.org accessed 5/22/2012).
- . 2012k. “RNC Takes America to Church, Mormon Style, as Rank-and-File LDS.” *Religion Dispatches* 31 August posting (online text at religiondispatches.org accessed 9/3/2012).
- . 2012l. “Mitt Romney’s Best-Known Mormon Critic Tells it All. One Last Time.” *Religion Dispatches* 10 September posting (online text at religiondispatches.org accessed 9/12/2012).
- . 2012m. “Conservative Christians Say it’s Okay to Vote for Romney Despite Doctrine.” *Religion Dispatches* 12 September (online text at religiondispatches.org accessed 9/15/2012).
- . 2012n. “Is Romney’s Foreign Policy Problem a Product of his Mormonism?” *Religion*

- Dispatches* 17 September (online text at *religiondispatches.org* accessed 9/18/2012).
- . 2012o. “‘A Mormon President?’” *Religion Dispatches* 26 September (online text at *religiondispatches.org* accessed 9/29/2012).
- . 2012p. “Boy Scout ‘Perversion Files’ Raise Questions about Abuse in Mormon Contexts.” *Religion Dispatches* 19 October (online text at *religiondispatches.org* accessed 10/22/2012).
- . 2012q. “Does Romney’s Religion Condone Torture? [UPDATED].” *Religion Dispatches* 23 October (online text at *religiondispatches.org* accessed 10/28/2012).
- . 2012r. “Andrew Sullivan is Right and Wrong on Racism, Romney, and the Book of Mormon.” *Religion Dispatches* 24 October (online text at *religiondispatches.org* accessed 10/28/2012).
- . 2012s. “‘Mitt Romney Style’—A Virtually Religion Free 2012 Contest?” *Religion Dispatches* 29 October (online text at *religiondispatches.org* accessed 11/3/2012).
- . 2012t. “Romney Tax Secret Revealed—and It’s About Religion [UPDATED].” *Religion Dispatches* 30 October (online text at *religiondispatches.org* accessed 11/3/2012).
- . 2012u. “Seen Andrew Sullivan’s Expose-Style Footage of the LDS Temple? Now Read This.” *Religion Dispatches* 1 November (online text at *religiondispatches.org* accessed 11/3/2012).
- . 2012v. “Mormon, Jewish Gay Men Sue ‘Conversion Therapy’ Outfit for Fraud.” *Religion Dispatches* 28 November (online text at *religiondispatches.org* accessed 11/30/2012).
- . 2013a. “‘I Will Leave BSA if Discriminatory Policy Does Not Change’.” *Religion Dispatches* 15 February posting (online text at *religiondispatches.org* accessed 2/16/2013).
- . 2013b. “Tim Tebow Takes a Knee, Cancels Appearance at Controversial Megachurch Celebration.” *Religion Dispatches* 22 February (online text at *religiondispatches.org* accessed 2/25/2013).
- . 2013c. “Significant Changes to LDS Scripture Reflect Shifting Church Views on Racist History.” *Religion Dispatches* 2 March (online text at *religiondispatches.org* accessed 3/6/2013).
- . 2013d. “Demonized and Demonizing No More.” *Religion Dispatches* 2 April posting (online text at *religiondispatches.org* accessed 4/5/2013).
- . 2013e. “Shifting Talk on Mormon Racism Reveals Divisions within LDS Church.” *Religion Dispatches* 26 April posting (online text at *religiondispatches.org* accessed 4/29/2013).
- . 2014. “Revealing Joseph Smith’s (Well-Known) Polygamy Doesn’t Address the LDS Church’s Bigger Problem.” *Religion Dispatches* 12 November posting (online text at *religiondispatches.org* accessed 11/13/2014).
- Brooks, John L.** 1972. “Extinction and the Origin of Organic Diversity.” *Transactions of the Connecticut Academy of Arts and Sciences* **44** (December): 19-56.
- Brooks, Matthew L., & William B. Swann Jr.** 2011. “Is social interaction based on guile or honesty?” *Behavioral and Brain Sciences* **34** (1): 17-18.
- Brooks, Patricia J., & Sonia Ragir.** 2008. “Prolonged plasticity: Necessary and sufficient for language-ready brains.” *Behavioral and Brain Sciences* **31** (5): 514-515.
- Brooks, Rodney.** 2001. “The relationship between matter and life.” *Nature* **409** (18 January): 409-411.
- Brooks, Will.** 2009. “Of Apes and Men: Chromosome 2 in Humans and Chimpanzee.” *Reason & Revelation* **29** (November): 81-84.
- Broom, Robert.** 1913. “On the Structure and Affinities of *Bolosaurus*.” *Bulletin of the American Museum of Natural History* **32**: 509-516.
- . 1927. “On *Sphenosuchus*, and the Origin of the Crocodiles.” *Proceedings of the Zoological Society of London* **97** (July): 359-370.
- Brophy, Timothy R., Wayne Friar, & Darlene Clark.** 2006. “A Review of Interspecific Hybridization in the Order Testudines.” *Occasional Papers of the Baraminology Study Group* No. 17.

- Brorson, James R., & Kathleen Brewer.** 1988. "St Paul and temporal lobe epilepsy," with Reply by **D. Landsborough.** *Journal of Neurology, Neurosurgery and Psychiatry* **51** (June): 886-887.
- Brosch, Markus, Gary I. Saunders, Adam Frankish, Mark O. Collins, Lu Yu, James Wright, Ruth Verstraten, David J. Adams, Jennifer Harrow, Jyoti S. Choudhary, & Tim Hubbard.** 2011. "Shotgun proteomics aids discovery of novel protein-coding genes, alternative splicing, and 'resurrected' pseudogenes in the mouse genome." *Genome Research* **21** (May): 756-767.
- Brösing, Andreas.** 2008. "A Reconstruction of an Evolutionary Scenario for the Brachyura (Decapoda) in the Context of the Cretaceous-Tertiary Boundary." *Crustaceana* **81** (3): 271-287.
- Brosius, Jürgen.** 2003. "Gene duplication and other evolutionary strategies: from the RNA world to the future." *Journal of Structural and Functional Genomics* **3** (March): 1-17.
- Brosius, Jürgen, & Stephen Jay Gould.** 1992. "On 'genomenclature': A comprehensive (and respectful) taxonomy for pseudogenes and other 'junk DNA'." *Proceedings of the National Academy of Sciences* **89** (15 November): 10706-10710.
- Brosnan, Sarah F.** 2013. "Justice- and fairness-related behaviors in nonhuman primates." *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10416-10423.
- Brosnan, Sarah F., & Frans B. M. de Waal.** 2003. "Monkeys reject unequal pay." *Nature* **425** (18 September): 297-299.
- . 2014. "Evolution of responses to (un)fairness." *Science* **346** (17 October): 1251776 (online at sciencemag.org).
- Brosnan, Sarah F., Audrey Parrish, Michael J. Beran, Timothy Flemming, Lisa Heimbauer, Catherine F. Talbot, Susan P. Lambeth, Steven J. Schapiro, & Bart J. Wilson.** 2011. "Responses to the Assurance game in monkeys, apes, and humans using equivalent procedures." *Proceedings of the National Academy of Sciences* **108** (22 February): 3442-3447.
- Brothers, Denis J.** 1999. "Phylogeny and evolution of wasps, ants and bees (Hymenoptera, Chrysidoidea, Vespoidea, and Apoidea)." *The Norwegian Academy of Science and Letters Zoologica Scripta* **28** (1-2): 233-249.
- . 2011. "A new Late Cretaceous family of Hymenoptera, and phylogeny of the Plumariidae and Chrysidoidea (Aculeata)." *ZooKeys* (online @ ncbi.nlm.nih.gov) **130** (24 September): 515-542.
- Brothers, Denis J., & James M. Carpenter.** 1993. "Phylogeny of Aculeata: Chrysidoidea and Vespoidea (Hymenoptera)." *Journal of Hymenoptera Research* **2** (1): 227-304.
- Brouard, Jean-Simon, Christian Otis, Claude Lemieux, & Monique Turmel.** 2010. "The Exceptionally Large Chloroplast Genome of the Green Alga *Floydiella terrestris* Illuminates the Evolutionary History of the Chlorophyceae." *Genome Biology and Evolution* **2** (12 July): 240-256.
- Broude, Natalia E., & Eugene D. Sverdlov.** 2005. "Complex Genome Comparisons: Problems and Approaches," in Sverdlov (2005a, 31-50).
- Brougham, Jason, & Stephen L. Brusatte.** 2010. "Distorted *Microraptor* specimen is not ideal for understanding the origin of avian flight." *Proceedings of the National Academy of Sciences* **107** (5 October): E156.
- Broughton, R., R. Billings, R. Cartwright, D. Doucette, J. Edmeads, M. Edwardh, F. Ervin, B. Orchard, R. Hill, & G. Turrell.** 1994. "Homicidal Somnambulism: A Case Report." *Sleep* **17** (April): 253-264.
- Broughton, Richard E.** 2013. "OU professor opposes controversial academic freedom bill." Oklahoma University *The Oklahoma Daily* 30 December updated posting (online text at www.oudaily.com accessed 2/21/2014).
- Broughton, Richard E., Gavin J. P. Naylor, & Thomas E. Dowling.** 1998. "Conflicting Phylogenetic Patterns Caused by Molecular Mechanisms in Mitochondrial DNA Sequences." *Systematic Biology* **47** (December): 696-701.

- Brouha, Brook, Joshua Schustak, Richard M. Badge, Sheila Lutz-Prigge, Alexander H. Farley, John V. Moran, & Haig H. Kazazian Jr.** 2003. “Hot L1s account for the bulk of retrotransposition in the human population.” *Proceedings of the National Academy of Sciences* **100** (29 April): 5280-5285.
- Broushaki, Farnaz, Mark G. Thomas, Vivian Link, Saioa López, Lucy van Dorp, Karola Kirsanow, Zuzana Hofmanová, Yoan Diekmann, Lara M. Cassidy, David Díez-del-Molino, Athanasios Kousathanas, Christian Sell, Harry K. Robson, Rui Martiniano, Jens Blöcher, Amelie Scheu, Susanne Kreutzer, Ruth Bollongino, Dean Bobo, Hossein Davoudi, Olivia Munoz, Mathias Currat, Kamyar Abdi, Fereidoun Biglari, Oliver E. Craig, Daniel G. Bradley, Stephen Shennan, Krishna R. Veeramah, Marjan Mashkour, Daniel Wegmann, Garrett Hellenthal, & Joachim Burger.** 2016. “Early Neolithic genomes from the eastern Fertile Crescent.” *Science* **353** (29 July): 499-503.
- Brouwer, Derek.** 2015. “‘Anti-evolution’ bill would protect HS teachers who teach creationism.” *Billings Gazette* (Montana) posting 29 January: online text accessed 1/30/2015 (billingsgazette.com).
- Brouwers, Lucas.** 2010. “Living fossils don’t exist ... except in Hollywood movies.” *Thoughtomics* 14 June blog posting (online text at www.lucasbrouwers.nl accessed 2/6/2011).
- . 2011a. “We Are Nobody: Contingency and Convergence in Evolution.” *Thoughtomics* 24 January blog posting (online text at www.lucasbrouwers.nl accessed 3/26/2012).
- . 2011b. “Where does milk come from?” *Thoughtomics* 9 February blog posting (online text at www.lucasbrouwers.nl accessed 3/26/2012).
- . 2011c. “Far side of the chloroplast.” *Thoughtomics* 28 February blog posting (online text at www.lucasbrouwers.nl accessed 3/26/2012).
- . 2011d. “New family tree of worms has roots in the 19th century.” *Thoughtomics* 3 March blog posting (online text at www.lucasbrouwers.nl accessed 3/26/2012).
- . 2011e. “How baleen whales lost a gene and their teeth.” *Thoughtomics* 26 March blog posting (online text at www.lucasbrouwers.nl accessed 3/26/2012).
- Browerman, Neal.** 2013. “U.S. Rep. Declare Legal Polygamy Up Next After DOMA Dump.” *Advocate* 30 June posting (online text at www.advocate.com accessed 7/20/2013).
- Brower, Andrew V. Z.** 2000. “Evolution Is Not a Necessary Assumption of Cladistics.” *Cladistics* **16** (March): 143-154.
- . 2004. “Comment on ‘Molecular Phylogenies Link Rates of Evolution and Speciation’ (II).” *Science* **303** (9 January): 173.
- Browman, David L., & Stephen Williams,** eds. 2002. *New Perspectives on the Origins of Americanist Archaeology*. Tuscaloosa, AL: University of Alabama Press.
- Brown, Alan, Sichen Shao, Jason Murray, Ramanujan S. Hegde, & V. Ramakrishnan.** 2015. “Structural basis for stop codon recognition.” *Nature* **524** (27 August): 493-496.
- Brown, Andrew.** 2012. “Yes the pope is Catholic. But he didn’t say gay marriage threatens humanity.” *ANDREWBROWN’S BLOG* posting 11 January (online text at guardian.co.uk accessed 1/14/2012).
- Brown, Bernard A. II, Ky Lowenhaupt, Christina M. Wilbert, Eugene B. Hanlon, & Alexander Rich.** 2000. “The Z α domain of the editing enzyme dsRNA adenosine deaminase binds left-handed Z-RNA as well as Z-DNA.” *Proceedings of the National Academy of Sciences* **97** (5 December): 13532-13536.
- Brown, Candy Gunther, Stephen C. Mory, Rebecca Williams, & Michael J. McClymond.** 2010. “Study of the Therapeutic Effects of Proximal Intercessory Prayer (STEPP) on Auditory and Visual Impairments in Rural Mozambique.” *Southern Medical Journal* **103** (9 September): 864-869.
- Brown, Celeste J., Kristy M. Todd, & R. Frank Rosenzweig.** 1998. “Multiple Duplications of Yeast Hexose Transport Genes in Response to Selection in a Glucose-Limited Environment.” *Molecular Biology and Evolution* **15** (August): 931-942.
- Brown, Charles R., & Mary Bomberger Brown.** 2013. “Where has all the road kill gone?” *Current Biology* **23** (18 March): R233-R234.

- Brown, Christopher T., Laura A. Hug, Brian C. Thomas, Itai Sharon, Cindy J. Castelle, Andrea Singh, Michael J. Wilkins, Kelly C. Wrighton, Kenneth H. Williams, & Jillian F. Banfield.** 2015. "Unusual biology across a group comprising more than 15% of domain Bacteria." *Nature* **523** (9 July): 208-211.
- Brown, D., P. Spadea, V. Puchkov, J. Alvarez-Marron, R. Herrington, A. P. Willner, R. Hetzel, Y. Gorozhanina, & C. Juhlin.** 2006. "Arc-continent collision in the Southern Urals." *Earth-Science Reviews* **79** (December): 261-287.
- Brown, D. Ann.** 2006. "Microbial mediation of iron mobilization and deposition in iron formations since the early Precambrian." *The Geological Society of America Memoirs* **198**: 239-256.
- Brown, Dee.** 1971. *Bury My Heart at Wounded Knee: An Indian History of the American West*. 1972 pb ed. New York: Bantam Books.
- Brown, Dudley.** 2013. "Colt AR-15 Giveaway." *Townhall Daily* for 6 December (online text via townhall.com accessed 12/12/2013).
- Brown, E. H., & R. S. Babcock.** 1979. "Geology of the Precambrian rocks of the Grand Canyon: Part I. Petrology and structure of the Vishnu Complex." *Precambrian Research* **8** (April): 219-241.
- Brown, Emma.** 2015. "Texas officials: Schools should teach that slavery was 'side issue' to Civil War." *Washington Post* 5 July posting (online text at www.washingtonpost.com accessed 7/7/2015).
- . 2016. "These Christian teachers want to bring Jesus into public schools." *The Washington Post* posting 12 March: online text accessed 3/14/2016 (www.washingtonpost.com).
- Brown, Frank Burch.** 2000. *Good Taste, Bad Taste, and Christian Taste: Aesthetics in Religious Life*. Oxford: Oxford University Press.
- Brown, Frederico D., Andrew Prendergast, & Billie J. Swalla.** 2008. "Man Is but a Worm: Chordate Origins." *Genesis: The Journal of Genetics and Development (AKA Developmental Genetics)* **46** (November): 605-613.
- Brown, Guy C.** 2000. "Symbionts and Assassins." *Natural History* **109** (July/August): 66-71.
- Brown, Harold I.** 1986. "Creationism and the Nature of Science." *Creation/Evolution* **6** (Summer): 15-25.
- Brown, Harold O. J.** 1984. *Heresies: The Image of Christ in the Mirror of Heresy and Orthodoxy from the Apostles to the Present*. Garden City, NY: Doubleday.
- Brown, James G., Nathan Boley, Robert Eisman, Gemma E. May, Marcus H. Stoiber, Michael O. Duff, Ben W. Booth, Jiayu Wen, Soo Park, Ana Maria Suzuki, Kenneth H. Wan, Charles Yu, Dayu Zhang, Joseph W. Carlson, Lucy Cherbas, Brian D. Eads, David Miller, Keithanne Mockaitis, Johnny Roberts, Carrie A. Davis, Erwin Frise, Ann S. Hammonds, Sara Olson, Sol Shenker, David Sturgill, Anastasia A. Samsonova, Richard Weiszmann, Garret Robinson, Juan Hernandez, Justen Andrews, Peter J. Bickel, Piero Carninci, Peter Cherbas, Thomas R. Gingeras, Roger A. Hoskins, Thomas C. Kaufman, Eric C. Lai, Brian Oliver, Norbert Perrimon, Brenton R. Graveley, & Susan E. Celniker.** 2014. "Diversity and dynamics of the *Drosophila* transcriptome." *Nature* **512** (28 August): 393-399.
- Brown, James Hemphill.** 2011. "Changes in ranges of large ocean fish." *Proceedings of the National Academy of Sciences* **108** (19 July): 11735-11736.
- Brown, James R., & Kurt R. Auger.** 2011. "Phylogenomics of phosphoinositide lipid kinases: perspectives on the evolution of second messenger signaling and drug discovery." *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (5 January): 4.
- Brown, James R., & W. Ford Doolittle.** 1999. "Gene Descent, Duplication, and Horizontal Transfer in the Evolution of Glutamyl- and Glutaminyl-tRNA Synthetases." *Journal of Molecular Evolution* **49** (October): 485-495.
- Brown, Jason.** 2011. "ULL professor sues for 'discrimination'." *Baton Rouge Advocate* posting 28 December: online text accessed 2/26/2014 (theadvocate.com).
- Brown, Jason M., & Richard A. Firtel.** 1999. "Regulation of Cell-Fate Determination in

- Dictyostelium*.” *Developmental Biology* **216** (15 December): 426-441.
- Brown, John M., & Stephen G. Davies.** 1989. “Chemical asymmetric synthesis.” *Nature* **342** (7 December): 631-636.
- Brown, Jonathon D.** 2009. “Positive illusions and positive collusions: How social life abets self-enhancing beliefs.” *Behavioral and Brain Sciences* **32** (6): 514-515.
- Brown, Joseph W., Robert B. Payne, & David P. Mindell.** 2007. “Nuclear DNA does not reconcile ‘rocks’ and ‘clocks’ in Neoaves: a comment on Ericson *et al.*” *Royal Society Biology Letters* **3** (22 June): 257-259.
- Brown, Judith D., & Rachel J. O’Neill.** 2010. “Chromosomes, Conflict, and Epigenetics: Chromosomal Speciation Revisited.” *Annual Review of Genomics and Human Genetics* **11**: 291-316.
- Brown, Kathryn.** 2001. “All Fired Up: A Universal Metabolic Rate.” *Science* **293** (21 September): 2191.
- Brown, Kevin S.** 2009. “Hoop-Skirts of the Mind.” *Math Pages* undated posting (online text at www.mathpages.com accessed 11/9/2013).
- Brown, Kyle S., Curtis W. Marean, Andy I. R. Herries, Zenobia Jacobs, Chantal Tribolo, David Braun, David L. Roberts, Michael C. Meyers, & Jocelyn Bernatchez.** 2009. “Fire As an Engineering Tool of Early Modern Humans.” *Science* **325** (14 August): 859-862.
- Brown, Kyle S., Curtis W. Marean, Zenobia Jacobs, Benjamin J. Schoville, Simen Oestmo, Erich C. Fisher, Jocelyn Bernatchez, Panagiotis Karkanas, & Thalassa Matthews.** 2012. “An early and enduring advanced technology originating 71,000 years ago in South Africa.” *Nature* **491** (22 November): 590-593.
- Brown, M. C., B. R. Jicha, & B. S. Singer.** 2013. “Snapshot of the Matuyama-Brunhes reversal process recorded in ⁴⁰Ar/³⁹Ar-dated lavas from Guadeloupe, West Indies.” *Geochemistry, Geophysics, Geosystems* **14** (October): 4341-4350.
- Brown, Mark.** 2008. “Is an ant colony a superorganism?” in Benton (2008a, 221-224).
- Brown, Matthew W., Martin Kolisko, Jeffrey D. Silberman, & Andrew J. Roger.** 2012. “Aggregative Multicellularity Evolved Independently in the Eukaryotic Supergroup.” *Current Biology* **22** (19 June): 1123-1127.
- Brown, Matthew W., Susan C. Sharpe, Jeffrey D. Silberman, Aaron A. Heiss, B. Franz Lang, Alastair G. B. Simpson, & Andrew J. Roger.** 2013. “Phylogenomics demonstrates that breviate flagellates are related to opisthokonts and apusomonads.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (28 August): 20131755.
- Brown, Melanie F., Tyson P. Gratton, & Jeffrey A. Stuart.** 2007. “Metabolic rate does not scale with body mass in cultured mammalian cells.” *American Journal of Physiology—Regulatory, Integrative and Comparative Physiology* **292** (June): R2115-R2121.
- Brown, Michael.** 2013. “Granite: From genesis to emplacement.” *The Geological Society of America GSA Bulletin* **125** (July/August): 1079-1113.
- Brown, Michael R.** 1998a. “Global Flood Geology.” *Creation Science Prophecy* 1 January posting (online text at www.creation-science-prophecy.com accessed 5/12/2015).
- . 1998b. “Speciation and Origins: An Alternative to the Biological Revolution.” *Creation Science Prophecy* posting (online text at www.creation-science-prophecy.com accessed 2/14/2013).
- . 2000. “Biblical World History Time Line Chart.” *Creation Science Prophecy* posting (online text at www.creation-science-prophecy.com accessed 2/14/2013).
- . 2013a. “Cambrian Explosion of Fossil Life and Complexity.” *Molecular History Research Center* 1 January 1998 posting updated 1 January (online text at www.mhrc.net accessed 2/14/2013).
- . 2013b. “The Mitochondrial Clock: Is the clock speed faster than we thought?” *Molecular History Research Center* 1 January 1998 posting updated 1 January (online text at www.mhrc.net accessed 2/14/2013).
- . 2013c. “Global Flood Geology.” *Creation Science Prophecy* 1 January 1998 posting updated 5 February (online text at www.creation-science-prophecy.com accessed

2/14/2013).

- Brown, Michael H.** 1990. *The Search for Eve*. New York: Harper & Row.
- Brown, Nancy Marie.** 2011. "Everything You Think You Know About the Dark Ages is Wrong." *Religion Dispatches* 2 January posting (online text at religiondispatches.org accessed 1/3/2011).
- Brown, Naomi J., Christine A. Newell, Susan Stanley, Jit E. Chen, Abigail J. Perrin, Kalsa Kajala, & Julian M. Hibbard.** 2011. "Independent and Parallel Recruitment of Preexisting Mechanisms Underlying C₄ Photosynthesis." *Science* **331** (18 March): 1436-1439.
- Brown, Nicholas J. L., Douglas A. MacDonald, Manoj Pratim Samanta, Harris L. Friedman, & James C. Coyne.** 2014. "A critical reanalysis of the relationship between genomics and well-being." *Proceedings of the National Academy of Sciences* **111** (2 September): 12705-12709.
- Brown, Perry N., Christopher P. Hill, & David F. Blair.** 2002. "Crystal structure of the middle and C-terminal domains of the flagellar rotor protein FliG." *The EMBO Journal* **21** (1 July): 3225-3234.
- Brown, Peter, & Tomoko Maeda.** 2009. "Liang Bua *Homo floresiensis* mandibles and mandibular teeth: a contribution to the comparative morphology of a new hominin species." *Journal of Human Evolution* **57** (November): 571-596.
- Brown, R. Malcolm Jr., & Inder M. Saxena,** eds. 2007. *Cellulose: Molecular and Structural Biology: Selected Articles on the Synthesis, Structure, and Applications of Cellulose*. Dordrecht, Netherlands: Springer.
- Brown, Robert H.** 1981. "Geo and Cosmic Chronology." Geoscience Research Institute *Origins* **8** (1): 20-45.
- . 1993. "Dusty Evidence." Geoscience Research Institute *Origins* **20** (1): 43-44.
- . 1994. "Science Through the Eyes of Biblical Writers." *Adventist Today* (September/October): 5-6, 10.
- . 1997. "The Nature of Evidence for the Activity of Supernatural Intelligence: As Illustrated by Polonium Radiohalos." Geoscience Research Institute *Origins* **24** (2): 65-80.
- . 1998. "Are Radioactive Dating Methods Reliable?" Geoscience Research Institute *Origins* **25** (2): 104-108.
- Brown, R. H., & Harold G. Coffin.** 1990. "Burgess Shale Re-Examined." Geoscience Research Institute *Origins* **17** (1): 33-37.
- Brown, Rafe M., Cameron D. Siler, Indraneil Das, & Young Min.** 2012. "Testing the phylogenetic affinities of Southeast Asia's rarest geckos: Flap-legged geckos (*Luperosaurus*), Flying geckos (*Ptychozoon*) and their relationship to the pan-Asian genus *Gekko*." *Molecular Phylogenetics and Evolution* **63** (June): 915-921.
- Brown, Richard J.** 2008a. "The formation of diamonds," in Benton (2008a, 77-80).
- . 2008b. "Which was the largest volcanic eruption ever?" in Benton (2008a, 81-85).
- Brown, Ruth Murray.** 2002. *For a "Christian America": A History of the Religious Right*. Amherst, NY: Prometheus Books.
- Brown, Ryan P., Michael J. A. Wohl, & Julie Juola Exline.** 2008. "Taking Up Offenses: Secondhand Forgiveness and Group Identification." *Personality and Social Psychology Bulletin* **34** (October): 1406-1419.
- Brown, Simon.** 2013. "Showdown At The Supreme Court: American United's Challenge To Government-Sponsored Sectarian Prayer Reaches The Nation's Highest Court." Americans United for the Separation of Church and State *Church and State* (December): online text accessed 4/14/2014 (www.au.org).
- . 2014. "Another Scare Story: Religious Right Claims About Prayer At Colo, High School Don't Hold Up." Americans United for the Separation of Church and State *Wall of Separation* 14 November posting (online text at www.au.org accessed 3/15/2015).
- . 2016. "Barton Bunk: Religious Right 'Historian' Claims People Who Criticize Him 'Hate America'." Americans United for the Separation of Church and State *Wall of Separation* 9 June posting (online text at www.au.org accessed 6/15/2016).

- Brown, Steven A.** 2011. “A New Histone Code for Clocks?” *Science* **333** (30 September): 1833-1834.
- Brown, Terence A.** 2010. “Stranger from Siberia.” *Nature* **464** (8 April): 838-839.
- Brown, Tim, Michael Cruickshank, & Aiden Burgess.** 2015. “How Forbes got it wrong: The real climate change data from NASA.” *The Manufacturer* 2 June posting (online text at www.themanufacturer.com accessed 5/27/2017).
- Brown, Walter T. Jr.** 1989a. “Brown Responds to Lippard.” *Creation/Evolution* **9** (Fall): 35-48.
- . 1989b. “A Second Response to Jim Lippard.” *Creation/Evolution* **9** (Winter): 34-54.
- . 1996. “Summary of Joe Meert/Walt Brown Communications Concerning a Written Debate.” *True Origin Archive* posting (online pdf at trueorigin.org accessed 12/20/2011).
- . 2001. *In the Beginning: Compelling Evidence for Creation and the Flood*. 7th edition book posting at *Center for Scientific Creation* (online text at www.creationscience.com accessed 1/11/2002).
- . 2006. “The Arguments for Evolution are Outdated and Often Illogical.” *Thinkers Forum International* posting of excerpt from *In the Beginning* (online text at www.thinkersforum.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2008a. Notes to “Missing Trunk.” *In the Beginning: Compelling Evidence for Creation and the Flood* Chapter 23 (online text at www.creationscience.com accessed 7/3/2010).
- . 2008b. “Genetic Information.” *In the Beginning: Compelling Evidence for Creation and the Flood* Chapter 33 (online text at www.creationscience.com accessed 6/9/2010).
- . 2008c. “Old DNA, Bacteria, Proteins, and Soft Tissue?” *In the Beginning: Compelling Evidence for Creation and the Flood* Chapter 68 (online text at www.creationscience.com accessed 6/19/2013).
- . 2008d. “Did a Water Canopy Surround the Earth and Contribute to the Flood?” *In the Beginning: Compelling Evidence for Creation and the Flood* Frequently Asked Questions (online text at www.creationscience.com accessed 10/10/2013).
- . 2008e. “Is Global Warming Occurring? If So, What Causes It?” *In the Beginning: Compelling Evidence for Creation and the Flood* Frequently Asked Questions (online text at www.creationscience.com accessed 6/15/2011).
- . 2017. “Walt Brown (1989)—Hydroplate Theory.” *In the Beginning: Compelling Evidence for Creation and the Flood* 6 March updated posting (online text at www.creationscience.com accessed 3/6/2017).
- Brown, William.** 2015a. “William Brown Interview.” *Center of Theological Inquiry Fresh Thinking* blog posting 19 October (online text at blog.ctinquiry.org accessed 6/30/2016).
- . 2015b. “God’s Mindfulness of Life: A Response to Lucas Mix.” *Center of Theological Inquiry Fresh Thinking* blog posting 20 December (online text at blog.ctinquiry.org accessed 6/30/2016).
- Browne, Janet.** 1989. “Botany for Gentlemen: Erasmus Darwin and *The Loves of the Plants*.” *Isis* **80** (December): 593-621.
- . 2002. *Charles Darwin: The Power of Place*. New York: Alfred A. Knopf.
- . 2009. “Darwin the Scientist.” *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 1-7.
- Browne, Malcolm W.** 1998a. “New Clues to Agent of Life’s Worse Extinction,” in N. Wade (1998a, 73-79).
- . 1998b. “Mass Extinction of Permian Era Linked to Gas,” in N. Wade (1998a, 80-85).
- Brownfield, Michael E.** 2011. “Total Petroleum Systems and Geologic Assessment of Undiscovered Hydrocarbon Resources of the Western Oregon and Washington Province.” *United States Geological Survey Digital Data Series DDS-69-X* (online pdf at pubs.usgs.gov accessed 6/6/2015).
- Browning, Bill.** 1999a. “The Failure of Homology.” *Rocky Mountain Creation Fellowship* July posting (online text at youngearth.org accessed 11/7/2010).
- . 1999b. “The Argument From Design.” *Rocky Mountain Creation Fellowship* September posting (online text at youngearth.org accessed 11/7/2010).

- . 1999c. “Answers to Questions from our Readers.” *Rocky Mountain Creation Fellowship* November posting (online text at *youngearth.org* accessed 11/7/2010).
- . 2000. “Living Waters.” *Rocky Mountain Creation Fellowship* March posting (online text at *youngearth.org* accessed 11/7/2010).
- . 2001. “Mathematics: The Evolution Killer.” *Rocky Mountain Creation Fellowship* January posting (online text at *youngearth.org* accessed 11/7/2010).
- Browning, Jason D.** 1997. “World-wide Flood Evidences.” *Creation Science* article (online text at *www.bestbibliscience.org* accessed 4/9/2014).
- Brownlee, Colin.** 2013. “Carnivorous Plants: Trapping, Digesting and Absorbing All in One.” *Current Biology* **23** (9 September): R714-R716.
- Bruce, Heather Brinson.** 2017. “Echidna—Outback Oddity.” Answers in Genesis *Answers Magazine* 19 February article posting (online text at *answersingenesis.org* accessed 8/4/2017).
- Bruce, Katherine E., Jennifer E. Horan, Patricia H. Kelley, & Mark Galizio.** 2009. “Teaching Evolution in the Galápagos.” *The Journal of Effective Teaching* **9** (September): 13-28.
- Bruce, L. L.** 2007. “Evolution of the Nervous System in Reptiles,” in Bullock & Kaas (2007, 125-156).
- Bruce, Tammy.** 2003. *The Death of Right and Wrong: Exposing the Left’s Assault on Our Culture and Values*. Roseville, CA: Forum.
- Bruce, Wesley.** 2002. “The salinity of a floating forest.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **16** (3): 95-97.
- Brucker, Robert M., & Seth R. Bordenstein.** 2013. “The Hologenomic Basis of Speciation: Gut Bacteria Cause Hybrid Lethality in the Genus *Nasonia*.” *Science* **341** (9 August): 667-669.
- . 2014. “Response to Comment on ‘The hologenomic basis of speciation: Gut bacteria cause hybrid lethality in the Genus *Nasonia*’.” *Science* **345** (29 August): 1011.
- Bruenig, Elizabeth Stoker.** 2015. “The Chapel Hill Murders Should Be a Wake-Up Call for Atheists.” *The New Republic* 11 February posting: online text accessed 3/6/2015 (*newrepublic.com*).
- Bruère, A. N., & P. M. Ellis.** 1979. “Cytogenetics and reproduction of sheep with multiple centric fusions (Robertsonian translocations).” *Reproduction* (AKA *Journal of Reproduction and Fertility*) **57** (November): 363-375.
- Brugger, Carrie R., & Julia E. Hammer.** 2010a. “Crystallization Kinetics in Continuous Decompression Experiments: Implications for Interpreting Natural Magma Ascent Processes.” *Journal of Petrology* **51** (September): 1941-1963.
- . 2010b. “Crystal size distribution analysis of plagioclase in experimentally decompressed hydrous rhyodacite magma.” *Earth and Planetary Science Letters* **300** (1 December): 246-254.
- Brugger, Don L.** 2008. “Toward the Ultimate Book of Mormon Time Line.” *FARMS Review* **20** (1): 1-13.
- Brugger, Peter.** 2015. “Chicks with a number sense.” *Science* **347** (30 January): 477-478.
- Brugger, Peter, & Christine Mohr.** 2008. “The paranormal mind: How the study of anomalous experiences and beliefs may inform cognitive neuroscience.” *Cortex* **44** (November-December): 1291-1298.
- . 2009. “Out of the body, but not out of mind.” *Cortex* **45** (February): 137-140.
- Bruhn, Johann, & Jeanne Mihail.** 2008. “What is the largest living organism?” in Benton (2008a, 188-189).
- Bruins, Hendrik J.** 2010. “Dating Pharaonic Egypt.” *Science* **328** (18 June): 1489-1490.
- Bruins, Hendrik J., Johannes van der Plicht, & J. Alexander MacGillivray.** 2009. “The Minoan Santorini Eruption and Tsunami Deposits in Palaikastro (Crete): Dating by Geology, Archaeology, ¹⁴C, and Egyptian Chronology.” *Radiocarbon* **51** (2): 397-411.
- Bruins, Hendrik J., Johannes van der Plicht, & Amihai Mazar.** 2003a. “¹⁴C Dates from Tel Rehov: Iron-Age Chronology, Pharaohs, and Hebrew Kings.” *Science* **300** (11 April): 315-

- 318.
- . 2003b. “Response to Comment on ‘¹⁴C Dates from Tel Rehov: Iron-Age Chronology, Pharaohs, and Hebrew Kings’.” *Science* **302** (24 October): 568.
- Brumble, H. David.** 1998. “Vine Deloria Jr, Creationism, and Ethnic Pseudoscience.” *Reports of the National Center for Science Education* **18** (November-December): 10-14.
- Brumfiel, Geoff.** 2002. “Ousted creationist sues over website.” *Nature* **420** (12 December): 597.
- . 2005. “Intelligent Design: Who has designs on your students’ minds?” *Nature* **434** (28 April): 1062-1065.
- . 2011. “Beautiful theory collides with smashing particle data.” *Nature* **471** (3 March): 13-14.
- Brumfield, Ben.** 2015. “Confederate battle flag: Separating the myths from facts.” *CNN* posting 24 June (online text at www.cnn.com accessed 6/24/2015).
- Brumm, Adam, Gitte M. Jensen, Gert D. van den Bergh, Michael J. Morwood, Iwan Kurniawan, Fachroel Aziz, & Michael Storey.** 2010. “Hominins on Flores, Indonesia, by one million years ago.” *Nature* **464** (1 April): 748-752.
- Brumm, Adam, Michelle C. Langley, Mark W. Moore, Budianto Hakim, Muhammad Ramli, Iwan Sumantri, Basran Burhan, Andi Muhammad Saiful, Linda Siagian, Suryatman, Ratmo Sardi, Andi Jusdi, Abdullah, Andi Pampang Mubarak, Hasliana, Hasrianti, Adhi Agus Oktaviana, Shinatria Adhityatama, Gerrit D. van den Bergh, Maxime Aubert, Jian-xin Zhao, Jillian Huntley, Bo Li, Richard G. Roberts, E. Wahyu Saptomo, Yinika Perston, & Rainer Grün.** 2017. “Early human symbolic behavior in the Late Pleistocene of Wallacea.” *Proceedings of the National Academy of Sciences* **114** (18 April): 4105-4110.
- Brumm, Adam, Gerrit D. van den Bergh, Michael Storey, Iwan Kurniawan, Brent V. Alloway, Ruly Setiawan, Erick Setiyabudi, Rainer Grün, Mark W. Moore, Dida Yurnaldi, Mika R. Puspaningrum, Unggul P. Wibowo, Halmi Insani, Indra Sutisna, John A. Westgate, Nick J. G. Pearce, Mathieu Duval, Hanneke J. M. Meijer, Fachroel Aziz, Thomas Sutikna, Sander van der Kaars, Stephanie Flude, & Michael J. Morwood.** 2016. “Age and context of the oldest known hominin fossils from Flores.” *Nature* **534** (9 June): 249-253.
- Brüne, Martin.** 2006. “Evolutionary psychiatry is dead—Long liveth evolutionary psychopathology.” *Behavioral and Brain Sciences* **29** (August): 408.
- Bruner, Emiliano,** ed. 2015. *Human Paleoneurology*. New York: Springer.
- Bruner, Emiliano, Giorgio Manzi, & Juan Luis Arsuaga.** 2003. “Encephalization and allometric trajectories in the genus *Homo*: Evidence from the Neandertal and modern lineages.” *Proceedings of the National Academy of Sciences* **100** (23 December): 15335-15340.
- Bruner, Jason.** 2011. “The Other, Forgotten Apocalypse of 2011.” *Religion Dispatches* 20 October posting (online text at religiondispatches.org accessed 10/22/2011).
- Brunet, Michel.** 2010. “Two new Mio-Pliocene Chadian hominids enlighten Charles Darwin’s 1871 prediction.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 October): 3315-3321.
- Brunet, Michel, Alain Beauvilain, Yves Coppens, Emile Heintz, Aladji H. E. Moutaye, & David Pilbeam.** 1995. “The first australopithecine 2,500 kilometres west of the Rift Valley (Chad).” *Nature* **378** (16 November): 273-275.
- Brunet, Michel, Frank Guy, David Pilbeam, Hassane Taïso Mackaye, Andossa Likius, Djimdoumbaye Aouanta, Alain Beauvilain, Cécile Blondel, Hervé Bocherens, Jean-Renaud Boisserie, Louis de Bonis, Yves Coppens, Jean Dejax, Christine Denys, Philippe Dourner, Véra Eisenmann, Gongdibé Fanone, Pierre Fronty, Denis Geraads, Thomas Lehmann, Fabrice Lihoreau, Antoine Louchart, Adoum Mahamat, Gildas Merceron, Guy Mouchelin, Olga Otero, Pablo Pelaez Campomanes, Marcia Ponce de Leon, Jean-Claude Rage, Michel Sapanet, Mathieu Schuster, Jean Sudre, Pascal Tassy, Xavier Valentin, Patrick Vignaud, Laurent Viriot, Antoine Zazzo, and Christoph Zollikofer.** 2002. “A new hominid from the Upper Miocene of Chad, Central

- Africa.” *Nature* **418** (11 July): 145-151.
- Brunet, Thibaut, & Detlev Arendt.** 2016a. “From damage response to action potentials: early evolution of neural and contractile modules in stem eukaryotes.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **371** (5 January): 20150043.
- . 2016b. “Animal Evolution: The Hard Problem of Cartilage Origins.” *Current Biology* **26** (25 July): R685-R688.
- Brunet, Thibaut, Adrien Bouclet, Padra Ahmadi, Démosthène Mitrossilis, Benjamin Driquez, Anne-Christine Brunet, Laurent Henry, Fanny Serman, Gaëlle Béalle, Christine Ménager, Frédéric Dumas-Bouchiat, Dominique Givord, Constantin Yanicostas, Damien Le-Roy, Nora M. Dempsey, Anne Plessis, & Emmanuel Farge.** 2013. “Evolutionary conservation of early mesoderm specification by mechanotransduction in Bilateria.” *Nature Communications* (online @ nature.com) **4** (27 November): 2821.
- Brunet, Tyler D. P., & W. Ford Doolittle.** 2014. “Getting ‘function’ right.” *Proceedings of the National Academy of Sciences* **111** (19 August): E3365.
- . 2015. “Multilevel Selection Theory and the Evolutionary Functions of Transposable Elements.” *Genome Biology and Evolution* **7** (8): 2445-2457.
- Brunetta, Leslie, & Catherine L. Craig.** 2010. *Spider Silk: Evolution and 400 Million Years of Spinning, Waiting, Snagging, and Mating*. New Haven, CT: Yale University Press.
- Brünken, Sandra, Olli Sipilä, Edward T. Chambers, Jorma Harju, Paola Caselli, Oskar Asvany, Cornelia E. Honingh, Tomasz Kamiński, Karl M. Menten, Jürgen Stutzki, & Stephan Schlemmer.** 2014. “H₂D⁺ observations give an age of at least one million years for a cloud core forming Sun-like stars.” *Nature* **516** (11 December): 219-221.
- Brunner, Charlotte A., William R. Normark, Gian G. Zuffa, & Francesca Serra.** 1999. “Deep-sea sedimentary record of the late Wisconsin cataclysmic floods from the Columbia River.” *Geology* **27** (May): 463-466.
- Brunner, Frédéric, & Thorsten Nürnberger.** 2012. “Identification of immunogenic microbial patterns takes the fast lane.” *Proceedings of the National Academy of Sciences* **109** (13 March): 4029-4030.
- Brunnlieb, Claudia, Gideon Nave, Colin F. Camerer, Stephan Schosser, Bodo Vogt, Thomas F. Münte, & Marcus Heldmann.** 2016. “Vasopressin increases human risky cooperative behavior.” *Proceedings of the National Academy of Sciences* **113** (23 February): 2051-2056.
- Brunori, Maurizio, Beatrice Vallone, Francesca Cutruzzolà, Carlo Travaglini-Allocatelli, Joel Berendzen, Kelvin Chu, Robert M. Sweet, & Ilme Schlichting.** 2000. “The role of cavities in protein dynamics: Crystal structure of a photolytic intermediate of a mutant myoglobin.” *Proceedings of the National Academy of Sciences* **97** (29 February): 2058-2063.
- Bruns, Tom.** 2006. “A kingdom revised.” *Nature* **443** (19 October): 758-761.
- Brunvand, Jan Harold.** 2000. *The Truth Never Stands in the Way of a Good Story*. Urbana, IL: University of Illinois Press.
- Brusatte, Stephen.** 2015. “Rise of the *Tyrannosaurs*.” *Scientific American* **312** (May): 34-41.
- . 2017. “A Mesozoic aviary.” *Science* **355** (24 February): 792-794.
- Brusatte, Stephen L., Alexander Averianov, Hans-Dieter Sues, Amy Muir, & Ian B. Butler.** 2016. “New tyrannosaur from the mid-Cretaceous of Uzbekistan clarifies evolution of giant body sizes and advanced senses in tyrant dinosaurs.” *Proceedings of the National Academy of Sciences* **113** (29 March): 3447-3452.
- Brusatte, Stephen L., & Roger B. J. Benson.** 2013. “The systematics of Late Jurassic tyrannosaroid theropods from Europe and North America.” *Acta Palaeontologica Polonica* **58** (1): 47-54.
- Brusatte, Stephen L., Michael J. Benton, Graeme T. Lloyd, Marcello Ruta, & Steve C. Wang.** 2010. “Macroevolutionary patterns in the evolutionary radiation of archosaurs (Tetrapoda: Diapsida).” *Earth and Environmental Transactions of the Royal Society of Edinburgh* **101** (September): 367-382.

- Brusatte, Stephen L., Michael J. Benton, Marcello Ruta, & Graeme T. Lloyd.** 2008. "Superiority, Competition, and Opportunism in the Evolutionary Radiation of Dinosaurs." *Science* **321** (12 September): 1485-1488.
- Brusatte, Stephen L., Thomas D. Carr, Gregory M. Erickson, Gabe S. Bever, & Mark A. Norell.** 2009. "A long-snouted, multihorned tyrannosaurid from the Late Cretaceous of Mongolia." *Proceedings of the National Academy of Sciences* **106** (13 October): 17261-17266.
- Brusatte, Stephen L., Graeme T. Lloyd, Steve C. Wang, & Mark A. Norell.** 2014. "Gradual Assembly of Avian Body Plan Culminated in Rapid Rates of Evolution across the Dinosaur-Bird Transition." *Current Biology* **24** (20 October): 2386-2392.
- Brusatte, Stephen L., Grzegorz Niedźwiedzki, & Richard J. Butler.** 2011. "Footprints pull origin and diversification of dinosaur stem lineage deep into Early Triassic." *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 April): 1107-1113.
- Brusatte, Stephen L., Mark A. Norell, Thomas D. Carr, Gregory M. Erickson, John R. Hutchinson, Amy M. Balanoff, Gabe S. Bever, Jonah N. Choiniere, Peter Makovicky, & Xing Xu.** 2010. "Tyrannosaur Paleobiology: New Research on Ancient Exemplar Organisms." *Science* **329** (17 September): 1481-1485.
- Brusatte, Stephen L., Jingmai K. O'Connor, & Erich D. Jarvis.** 2015. "The Origin and Diversification of Birds." *Current Biology* **25** (5 October): R888-R898.
- Brush, Alan H.** 1996. "On the origin of feathers." *Journal of Evolutionary Biology* **9** (January): 131-142.
- . 2000. "Evolving a protofeather and feather diversity." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (September): 631-639.
- . 2006. "Follicles and the origin of feathers." *Current Zoology* (AKA *Acta Zoologica Sinica*) **52** (Supplement): 122-124.
- Brush, Stephen G.** 1978. "Nettie M. Stevens and the Discovery of Sex Determination by Chromosomes." *Isis* **69** (June): 162-172.
- . 1982. "Kelvin Was Not a Creationist." *Creation/Evolution* **3** (Spring): 11-14.
- . 1989. "The Age of the Earth in the Twentieth Century." *Earth Sciences History* **8** (2): 170-182.
- Bruss, John C.** 1998. "Can the Universe be Self-Existent?" *Cosmic Pursuit* **1** (Spring): 6-8.
- Brüssow, Harald.** 2009. "The not so universal tree of life or the place of viruses in the living world." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2263-2274.
- Bruxelles, Laurent, Ronald J. Clarke, Richard Maire, Richard Ortega, & Dominic Stratford.** 2014. "Stratigraphic analysis of the Sterkfontein StW 573 *Australopithecus* skeleton and implications for its age." *Journal of Human Evolution* **70** (May): 36-48.
- Bruzik, James P., & Tom Maniatis.** 1995. "Enhancer-dependent interaction between 5' and 3' splice sites in trans." *Proceedings of the National Academy of Sciences* **92** (18 July): 7056-7059.
- Bryan, Christopher J., Gregory M. Walton, Todd Rogers, & Carol S. Dweck.** 2011. "Motivating voter turnout by invoking the self." *Proceedings of the National Academy of Sciences* **108** (2 August): 12653-12656.
- Bryan, Philip N., & John Orban.** 2010. "Proteins that switch folds." *Current Opinion in Structural Biology* **20** (August): 482-488.
- Bryan, Scott E., Teal R. Riley, Dougal A. Jerram, Christopher J. Stephens, & Philip T. Leat.** 2002. "Silicic volcanism: An undervalued component of large igneous provinces and volcanic rifted margins." *The Geological Society of America Special Papers* **362**: 99-120.
- Bryan, W. B., & R. A. Duncan.** 1983. "18. Age and Provenance of Clastic Horizons from Hole 516F." *Deep Sea Drilling Project Initial Reports* **72** (December): 475-478.
- Bryan, William Jennings.** 1926. "Bryan's Summation: The closing speech Bryan never got to make." *University of Missouri—Kansas City School of Law* posting (online text at law.umkc.edu accessed 2/11/2009).
- Bryant, D. A.** 1968. "Diagnostic characteristics of the Paleozoic formations of southeastern

- Arizona,” in Titley (1968, 33-47).
- Bryant, Dana.** 2010. “Bob and Geri Boyd Recipients of the 2010 Dr. Robert Dreyfus Courageous Christian Leadership Award.” *North Bay Christian News* 29 December posting (online text at northbaychristiannews.com accessed 1/9/2011).
- Bryant, Dewayne.** 2009. “Was Jesus Misquoted?” *Reason & Revelation* **29** (November): 84-87.
- Bryant, Donald A.** 2003. “The beauty in small things revealed.” *Proceedings of the National Academy of Sciences* **100** (19 August): 9647-9649.
- Bryant, E., G. Walsh, & D. Abbott.** 2007. “Cosmogenic mega-tsunami in the Australia region: are they supported by Aboriginal and Maori legends?” *Geological Society, London, Special Publications* **286**: 203-214.
- Bryant, Gregory A., Daniel M. T. Fessler, Riccardo Fusaroll, Edward Clint, Lene Aarøe, Coren L. Apicella, Michael Bang Petersen, Shaneikiah T. Bickham, Alexander Bolyanatz, Brenda Chavez, Delphine De Smet, Cinthya Diaz, Jana Fančovičivá, Michal Fux, Paulina Giraldo-Perez, Anning Hu, Shanmukh V. Kamble, Tatsuya Kameda, Norman P. Li, Francesca R. Luberti, Pavol Prokop, Katinka Quintelier, Brooke A. Sctetza, Hyun Jung Shin, Montserrat Soler, Stefan Stieger, Wataru Toyokawa, Ellis A. van den Hende, Hugo Viciana-Asensio, Saliha Elif Yildizhan, Jose C. Yong, Tessa Yuditha, & Yi Zhou.** 2016. “Detecting affiliation in collaughter across 24 societies.” *Proceedings of the National Academy of Sciences* **113** (26 April): 4682-4687.
- Bryant, Harold N., & Anthony P. Russell.** 1993. “The occurrence of clavicles within Dinosauria: implications for the homology of the avian furcula and the utility of negative evidence.” *Journal of Vertebrate Paleontology* **13** (8 June): 171-184.
- Bryant, John A.** 2007. “Intelligent Design Theory: New hypothesis or old idea in a new guise?” *The Biochemical Society Biochemist* (February): 28-30.
- Bryant, Joyce.** 1989. “Electricity.” Yale-New Haven Teachers Institute posting (online text at www.yale.edu accessed 12/30/2010).
- Bryant, Kevin.** 2006. “We may as well declare evolution theory as a law.” *Blog from the Bachbench* 13 March posting (online text at www.kevinbryant.com accessed 3/20/2014).
- . 2014a. “h. 4482 woolly mammoth.” *Blog from the Bachbench* 27 March posting (online text at www.kevinbryant.com accessed 4/10/2014).
- . 2014b. “Romans 1: God clearly seen in creation.” *Blog from the Bachbench* 31 March posting (online text at www.kevinbryant.com accessed 4/10/2014).
- Bryant, Stan.** 2012. “Ancient Maps Support Biblical History.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **30** (March/April): 3.
- Brydum, Sunnevie.** 2017a. “CPAC 2017: Hypocrites On Parade.” *Religion Dispatches* 23 February posting (online text at religiondispatches.org accessed 2/28/2017).
- . 2017b. “Trump Is Out To Erase LGBT Americans From Public Life.” *Religion Dispatches* 30 March posting (online text at religiondispatches.org accessed 3/31/2017).
- . 2017c. “Devos Literally Can’t Name A Discriminatory Policy She’d Refuse To Fund.” *Religion Dispatches* 25 May posting (online text at religiondispatches.org accessed 5/26/2017).
- . 2017d. “Scott Lively’s Crimes Against Humanity Aren’t Conservative Christian Outliers.” *Religion Dispatches* 6 June posting (online text at religiondispatches.org accessed 6/7/2017).
- . 2017e. “Southern Baptist Convention Kicks Out Gay Attendees, Waffles On White Supremacists.” *Religion Dispatches* 14 June posting (online text at religiondispatches.org accessed 6/19/2017).
- . 2017f. “Black Pastor Who Introduced SBC Resolution Against Alt-Right Assumed It Would Be A ‘Slam Dunk’.” *Religion Dispatches* 16 June posting (online text at religiondispatches.org accessed 6/19/2017).
- Bryk, Jaroslaw, Emilie Hardouin, Irina Pugach, David Hughes, Rainer Strotmann, Mark Stoneking, & Sean Myles.** 2008. “Positive Selection in East Asians for an *EDAR* Allele that Enhances NF-κB Activation.” *PLoS ONE* (online @ plosone.org) **3** (May): e2209.
- Bryner, Jeanna.** 2011. “Lowly Worms Get Their Place in the Tree of Life.” *LiveScience* posting

- 9 February (online text at www.livescience.com accessed 2/20/2011).
- Bryson, James F. J., Nathan S. Church, Takeshi Kasama, & Richard J. Harrison.** 2014. "Nanomagnetic intergrowths in Fe-Ni meteoritic metal: The potential for time-resolved records of planetesimal dynamo fields." *Earth and Planetary Science Letters* **388** (15 February): 237-248.
- Bryson, Nancy.** 2003. "Do Kids Deserve Academic Freedom?" *Creation Equation* interview posting (online creationequation.com text archived at web.archive.org accessed 1/30/2014).
- BSA Discrimination.** 2012. "BSA Scandals." *BSA Discrimination* posting updated 12 October (online text at www.bsa-discrimination.org accessed 2/7/2013).
- Bshary, Redouan, Rui F. Oliveira, Tânia S. F. Oliveira, & Adelino V. M. Canário.** 2007. "Do cleaning organisms reduce the stress response of client reef fish?" *Frontiers in Zoology* (online @ frontiersinzoology.com) **4** (18 October): 21.
- Bshary, Redouan, & Nichola J. Raihani.** 2011. "Toward an experimental exploration of the complexity of human social interactions." *Proceedings of the National Academy of Sciences* **108** (8 November): 18195-18196.
- Buatois, Luis Alberto, & Maria Gabriela Mángano.** 2012. "Ichnology of the Ediacaran-Cambrian Puncoviscana Formation of northwestern Argentina: recent progress in understanding its potential in paleoecology and macroevolution," in Netto *et al.* (2012, 27-36).
- Buatois, Luis A., Maria G. Mángano, Ricardo A. Olea, & Mark A. Wilson.** 2016. "Decoupled evolution of soft and hard substrate communities during the Cambrian Explosion and Great Ordovician Biodiversification Event." *Proceedings of the National Academy of Sciences* **113** (21 June): 6945-6948.
- Buatois, Luis A., Guy M. Narbonne, M. Gabriela Mángano, Noelia B. Carmona, & Paul Myrow.** 2014. "Ediacaran matground ecology persisted into the earliest Cambrian." *Nature Communications* (online @ nature.com) **5** (28 March): 3544.
- Bube, Richard H.** 1994. "Is Creation Science An Oxymoron? Response to Moreland." *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **46** (March): 19-21.
- Bucciarelli, Monica, Sangeet Khemlani, & P. N. Johnson-Laird.** 2008. "The psychology of moral reasoning." *Judgment and Decision Making* **3** (February): 121-139.
- Buček, Aleš, Petra Matoušková, Heiko Vogel, Petr Šebesta, Ullrich Jahn, Jerrit Weißflog, Aleš Svatoš, & Iva Pichová.** 2015. "Evolution of moth sex pheromone composition by a single amino-acid substitution in a fatty acid desaturase." *Proceedings of the National Academy of Sciences* **112** (13 October): 12586-12591.
- Buchan, Jason C., Susan C. Alberts, Joan B. Silk, & Jeanne Altmann.** 2003. "True paternal care in a multi-male primate society." *Nature* **425** (11 September): 179-181.
- Buchanan, Alec.** 2008. "Freedom and Function." *Journal of the American Academy of Psychiatry and the Law* **36** (March): 25-26.
- Buchanan, Anne.** 2011. "Lost and Found—Breaking Dollo's Law." *The Mermaid's Tale* 1 February posting (online text at ecodevoevo.blogspot.com accessed 7/10/2015).
- Buchanan, Mark.** 2011. "Neanderthals: Bad luck and its part in their downfall." *New Scientist* (14 April): online text accessed 8/21/2014 (newscientist.com).
- Buchanan, Patrick J.** 1984. "Life: Quality vs. Sanctity." *Fundamentalist Journal* **3** (March): 66.
- . 2005. "Darwin's Pyrrhic Victory." *RealClearPolitics* 28 December posting (online text at www.realclearpolitics.com accessed 4/10/2014).
- . 2009. "Making a monkey out of Darwin." *WorldNetDaily* (29 June): online text accessed 10/14/2009 (wnd.com).
- . 2011. "A Fire Bell in the Night for Norway." *The American Conservative* blog posting 25 July (online text at amconmag.com accessed 7/27/2011).
- Buchbinder, Susan.** 1998. "Avoiding Infection after HIV Exposure." *Scientific American* **279** (July): 104-105.
- Buchen, Lizzie.** 2012. "Arrested development." *Nature* **484** (19 April): 304-306.
- Bucher, Martin A., & David N. Spergel.** 1999. "Inflation in a Low-Density Universe."

- Scientific American* **280** (January): 62-69.
- Buchheim, H. Paul.** 1994. "Paleoenvironments, lithofacies and varves of the Fossil Butte Member of the Eocene Green River Formation, Southwestern Wyoming." University of Wyoming *Contributions to Geology* **30** (May): 3-14.
- Buchholtz, Emily A.** 2007. "Modular evolution of the Cetacean vertebral column." *Evolution & Development* **9** (May-June): 278-289.
- Buchholtz, Emily A., & Stephanie A. Schur.** 2004. "Vertebral osteology in Delphinidae (Cetacea)." *Zoological Journal of the Linnean Society* **140** (March): 383-401.
- Buchholtz, Emily A., Amy C. Booth, & Katherine E. Webbink.** 2007. "Vertebral Anatomy in the Florida Manatee, *Trichechus manatus latirostris*: A Developmental and Evolutionary Analysis." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (June): 624-637.
- Buchwitz, Michael, & Sebastian Voigt.** 2012. "The dorsal appendages of the Triassic reptile *Longisquama insignis*: reconsideration of a controversial integument type." *Paläontologische Zeitschrift* **86** (3): 313-331.
- Buchtová, Marcela, Oldřich Zahradníček, Simona Balková, & Abigail S. Tucker.** 2013. "Odontogenesis in the Veiled Chameleon (*Chamaeleo calyptratus*)." *Archives of Oral Biology* **58** (February): 118-133.
- Buck, Claudia.** 2015. "ACLU sues Dignity Health over Redding hospital's refusal to perform contraception surgery." *The Sacramento Bee* posting 29 December: online text accessed 1/2/2015 (www.sacbee.com).
- Buck, Michael J., & William R. Atchley.** 2005. "Networks of Coevolving Sites in Structural and Functional Domains of Serpin Proteins." *Molecular Biology and Evolution* **22** (July): 1627-1634.
- Buckberry, Sam, & Karen Burke da Silva.** 2012. "Evolution: Improving the Understanding of Undergraduate Biology Students with an Active Pedagogical Approach." *Evolution: Education & Outreach* **5** (June): 266-273.
- Buckee, Caroline O., Mario Recker, Eleanor R. Watkins, & Sunetra Gupta.** 2011. "Role of stochastic processes in maintaining discrete strain structure in antigenically diverse pathogen populations." *Proceedings of the National Academy of Sciences* **108** (13 September): 15504-15509.
- Buchholtz, Joshua W., Christopher L. Asplund, Paul E. Dux, David H. Zald, John C. Gore, Owen D. Jones, & René Marois.** 2008. "The Neural Correlates of Third-Party Punishment." *Neuron* **60** (11 December): 930-940.
- Buchholtz, Joshua W., Michael T. Treadway, Ronald L. Cowan, Neil D. Woodward, Rui Li, M. Sib Ansari, Ronald M. Baldwin, Ashley N. Schwartzman, Evan S. Shelby, Clarence E. Smith, Robert M. Kessler, & David H. Zald.** 2010. "Dopaminergic Network Differences in Human Impulsivity." *Science* **329** (30 July): 532.
- Buckingham, Margaret.** 2017. "Gene regulatory networks and cell lineages that underlie the formation of skeletal muscle." *Proceedings of the National Academy of Sciences* **114** (6 June): 5830-5837.
- Buckles, Johnny Rex.** 2006. "The Constitutionality of the Monkey Wrench: Exploring the Case for Intelligent Design." *Oklahoma Law Review* **59**: 527-596.
- Buckley, Anna.** 2017. "Is consciousness just an illusion?" *BBC News* posting 4 April: online text accessed 5/18/2017 (www.bbc.com).
- Buckley, Brendan M., Kevin J. Anchukaitis, Daniel Penny, Roland Fletcher, Edward R. Cook, Masaki Sano, Le Canh Nam, Aroonrut Eichienkeo, Tom That Minh, & Truong Mai Hong.** 2010. "Climate as a contributing factor in the demise of Angkor, Cambodia." *Proceedings of the National Academy of Sciences* **107** (13 April): 6748-6752.
- Buckley, Gregory A., Christopher A. Brochu, David W. Krause, & Diego Pol.** 2000. "A pug-nosed crocodyliform from the Late Cretaceous of Madagascar." *Nature* **405** (22 June): 941-944.
- Buckley, Mark J., Farshad A. Mansouri, Hassan Hoda, Majid Mahboubi, Philip G. F. Browning, Sze C. Kwok, Adam Phillips, & Keiji Tanaka.** 2009. "Dissociable

- Components of Rule-Guided Behavior Depend on Distinct Medial and Prefrontal Regions.” *Science* **325** (3 July): 52-58.
- Buckley, Michael.** 2013. “A Molecular Phylogeny of *Plesiorcycteropus* Reassigns the Extinct Mammalian Order ‘Bibymalagasia.’” *PLoS ONE* (online @ plosone.org) **8** (March): e59614.
- . 2015. “Ancient collagen reveals evolutionary history of the endemic South American ‘ungulates.’” *Proceedings of the Royal Society of London B* (Biological Sciences) **282** (7 May): 20142671.
- Buckley, Mike, & Matthew James Collins.** 2011. “Collagen survival and its use for species identification in Holocene-lower Pleistocene bone fragments from British archaeological and paleontological sites.” *Antiqua* **1** (20 September): 1-7.
- Buckley, M., S. Fraser, J. Herman, N. D. Melton, J. Mulville, & A. H. Pálisdóttir.** 2014. “Species identification of archaeological marine mammals using collagen fingerprinting.” *Journal of Archaeological Science* **41** (January): 631-641.
- Buckley, Mike, Angela Walker, Simon Y. W. Ho, Yue Yang, Colin Smith, Peter Ashton, Jane Thomas Oates, Enrico Cappellini, Hannah Koon, Kirsty Penkman, Ben Elsworth, Dave Ashford, Caroline Solazzo, Phillip Andrews, John Strahler, Beth Shapiro, Peggy Ostrom, Hasand Gandhi, Webb Miller, Brian Raney, Maria Ines Zylber, M. Thomas P. Gilbert, Richard V. Prigodich, Michael Ryan, Kenneth F. Rijdsdijk, Anwar Janoo, & Matthew J. Collins.** 2008. “Comment on ‘Protein Sequences from Mastodon and *Tyrannosaurus rex* Revealed by Mass Spectrometry.’” *Science* **319** (4 January): 33.
- Buckley, Michael, Stacey Warwood, Bart van Dongen, Andrew C. Kitchener, & Phillip L. Manning.** 2017. “A fossil protein chimera; difficulties in discriminating dinosaur peptide sequences from modern cross-contamination.” *Proceedings of the Royal Society of London B* (Biological Sciences) **284** (31 May): 20170544.
- Buckling, Angus, Matthew A. Wills, & Nick Colegrave.** 2003. “Adaptation Limits Diversification of Experimental Bacterial Populations.” *Science* **302** (19 December): 2107-2109.
- Buckna, David.** 1996. “Should Evolution be Immune from Critical Analysis in the Science Classroom?” Institute for Creation Research *Acts & Facts* (December) posting (online text at icr.org accessed 6/8/2014).
- . 1997. “Jurassic Park or Jehovah’s Park? *In the Ancient Past: Did Humans And Dinosaurs Live During the Same Time Period?*” *Revolution Against Evolution* posting (online pdf at www.rae.org accessed 8/10/2014).
- . 2011. “Evolution: The Creation Myth of Our Culture.” *True Origin Archive* posting (online text at trueorigin.org accessed 7/29/2012).
- Buckna, David, & Danny Phillips.** 1997. “In the Beginning... Were the Facts: What Happened CBS?” *Revolution Against Evolution* posting (online pdf at www.rae.org accessed 2/19/2014).
- Buckner, Ed.** 1998. “It’s a Free Country, *Not* a Christian Nation.” Web posting (online text at stephenjaygould.org accessed 10/29/2010).
- . 2002. “Since Madison, who wrote the Constitution, said good government is dependent on the Ten Commandments, isn’t it obvious that the Constitution is profoundly Judeo-Christian?” *Council for Secular Humanism* posting (online text at secularhumanism.org accessed 10/29/2010).
- Buckner, Randy L., & Daniel C. Carroll.** 2006. “Self-projection and the brain.” *Trends in Cognitive Sciences* **11** (February): 49-57.
- Buckovic, William A.** 1979. “The Eocene Deltaic System of West-Central Washington,” in Armentrout *et al.* (1979, 147-163).
- Bucur, Ioan I., & Bogdan P. Onac.** 2000. “New data concerning the age of Mesozoic limestone from Scărișoara (Bihor Mountains).” *Studia Universitatis Babeș-Bolyai Geologia* **45** (2): 13-20.
- Budd, Ann F., & John M. Pandolfi.** 2010. “Evolutionary Novelty Is Concentrated at the Edge of Coral Species Distribution.” *Science* **328** (18 June): 1558-1561.

- Budd, David A., Valentin R. Troll, Frances M. Deegan, Ester M. Jolis, Victoria C. Smith, Martin J. Whitehouse, Chris Harris, Carmela Freda, David R. Hilton, Sæmundur A. Halldórsson, & Ilya N. Bindeman.** 2017. “Magma reservoir dynamics at Toba caldera, Indonesia, recorded by oxygen isotope zoning in quartz.” *Scientific Reports* (online @ www.nature.com/srep/) **7** (25 January): 40624.
- Budd, Graham E.** 2001. “Tardigrades as ‘Stem-Group Arthropods’: The Evidence from the Cambrian Fauna.” *Zoologischer Anzeiger--A Journal of Comparative Zoology* **240** (3-4): 265-279.
- . 2002. “A palaeontological solution to the arthropod head problem.” *Nature* **417** (16 May): 271-275.
- . 2003. “The Cambrian Fossil Record and the Origin of Phyla.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 157-165.
- . 2008. “The earliest fossil record of the animals and its significance.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1425-1434.
- . 2012. “Cambrian nervous wrecks.” *Nature* **490** (11 October): 180-181.
- Budd, Graham E., & Sören Jensen.** 2000. “A critical reappraisal of the fossil record of the bilaterian phyla.” *Biological Reviews of the Cambridge Philosophical Society* **75** (May): 253-295.
- . 2003. “The Limitations of the Fossil Record and the Dating of the Origin of the Bilateria,” in Donoghue & Smith (2003, 166-189).
- . 2017. “The origin of the animals and a ‘Savannah’ hypothesis for early bilaterian evolution.” *Biological Reviews of the Cambridge Philosophical Society* **92** (February): 446-473.
- Budd, Graham E., & Maximilian J. Telford.** 2005. “Along came a sea spider.” *Nature* **437** (20 October): 1099-1102.
- . 2009. “The origin and evolution of arthropods.” *Nature* **457** (12 February): 812-817.
- Budd, Lawrence, & Christopher Magan.** 2011. “Creationism debate dropped by Springboro school board member.” *Dayton Daily News* 21 August: online text accessed 8/22/2011 (www.daytondailynews.com).
- Budd, Phil.** 2001. “Problems With an Old Universe/Young Earth Model.” *Rocky Mountain Creation Fellowship* March posting (online text at youngearth.org accessed 11/7/2010).
- Budde, Gerrit, Thorsten Kleine, Thomas S. Kruijer, Christoph Burkhardt, & Knut Metzler.** 2016. “Tungsten isotopic constraints on the age and origin of chondrules.” *Proceedings of the National Academy of Sciences* **113** (15 March): 2886-2891.
- Buddha, Madhavan R., Kim M. Keery, & Brian R. Crane.** 2004. “An unusual tryptophanyl tRNA synthetase interacts with nitric oxide synthase in *Deinococcus radiodurans*.” *Proceedings of the National Academy of Sciences* **101** (9 November): 15881-15886.
- Buddika's 300 Creationist Lies.* 2001. “300 Creationist Lies.” *Hovind Lies* undated mirrored archive posting (online text at www.oocities.org/southbeach/pier/1766/hovindlies/ accessed 1/16/2014).
- Budiansky, Stephen.** 1998. *If a Lion Could Talk: Animal Intelligence and the Evolution of Consciousness*. New York: The Free Press.
- Budil, Petr, Frantisek Hörbinger, Oldřich Fatka, & Michal Mergl.** 2008. “DALMANITOID AND ACASTOID TRILOBITES AND THEIR EVOLUTION IN THE PRAGUE BASIN (CZECH REPUBLIC),” in Rábano *et al.* (2008, 67-72).
- Budin, Itay, Raphael J. Bruckner, & Jack W. Szostak.** 2009. “Formation of Protocell-Like Vesicles in a Thermal Diffusion Column.” *Journal of the American Chemical Society* **131** (24 June): 9628-9629.
- Budin, Itay, Anik Debnath, & Jack W. Szostak.** 2012. “Concentration Driven Growth of Model Protocell Membranes.” *Journal of the American Chemical Society* **134** (30 November): 20812-20819.
- Budin, Itay, & Jack W. Szostak.** 2010. “Expanding Roles for Diverse Physical Phenomena During the Origin of Life.” *Annual Review of Biophysics* **39**: 245-263.

- . 2011. “Physical effects underlying the transition from primitive to modern cell membranes.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5249-5254.
- Budisa, Nediljko, Vladimir Kubyshkin, & Dirk Schulze-Makuch.** 2014. “Flourine-Rich Planetary Environments as Possible Habitats for Life.” *Life* (online @ www.mdpi.com) **4** (September): 374-385.
- Budisa, Nediljko, Caroline Minks, Stefan Alefelder, Waltraud Wenger, Fumin Dong, Luis Moroder, & Robert Huber.** 1999. “Toward the experimental codon reassignment *in vivo*: protein building with an expanded amino acid repertoire.” Federation of American Societies for Experimental Biology *The FASEB Journal* **13** (January): 41-51.
- Budisa, Nediljko, & Dirk Schulze-Makuch.** 2014. “Supercritical Carbon Dioxide and Its Potential as a Life-Sustaining Solvent in a Planetary Environment.” *Life* (online @ www.mdpi.com) **4** (September): 331-340.
- Budziszewski, J.** 2000. “Just the Facts, Please.” *World Magazine* article reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 7/18/2001).
- Buehrer, Eric.** 2000. “Helping Students Think About Creation.” *Gateways to Better Education* undated posting (online text at www.gtbe.org accessed 2/1/2014).
- . 2001. “Evolving Science Instruction.” *American Family Association* 2 March posting (online text at www.afa.net accessed 4/3/2002, not available as of 2/1/2014).
- . 2013a. “How To Evaluate Your Child’s Textbooks.” *Gateways to Better Education* undated posting (online text at www.gtbe.org accessed 2/1/2014).
- . 2013b. “Fiftieth Anniversary of Supreme Court Ruling on the Bible and Prayer.” *BreakPoint* posting 21 June (online text at www.breakpoint.org accessed 2/1/2014).
- . 2013c. “Why ‘Under God’ Must Remain in the Pledge of Allegiance.” *Gateways to Better Education* 3 September (online text at www.gtbe.org accessed 2/1/2014).
- Buell, Jon.** 2007. “December 2007 Newsletter.” *Foundation for Thought And Ethics* 27 December posting (online text at www.fteonline.com accessed 12/20/2007).
- Buell, Jon, & Virginia Hearn,** eds. 1992. *Darwinism: Science or Philosophy*. Proceedings of 26-28 March “Darwinism: Scientific Inference or Philosophical Preference?” symposium, Southern Methodist University (Dallas, Texas). Richardson, TX: Foundation for Thought and Ethics (online text at leaderu.com accessed 11/24/2013).
- Buerkle, C. Alex, & Loren H. Rieseberg.** 2008. “The Rate of Genome Stabilization in Homoploid Species.” *Evolution* **62** (February): 266-275.
- Buettner-Janusch, John.** 1965. *Origins of Man: Physical Anthropology*. New York: John Wiley & Sons.
- Buff, Bruce.** 2016. *The Soul of the Matter*. New York: Simon & Schuster/Howard Books.
- Buffetaut, Eric, Dany Azar, André Nel, Kamil Ziadé, & Aftim Acra.** 2006. “First nonavian dinosaur from Lebanon: a brachiosaurid sauropod from the Lower Cretaceous of the Jezzine District.” *Naturwissenschaften* **93** (September): 440-443.
- Buffetaut, Eric, Dan Grigorescu, & Zoltan Csiki.** 2003. “Giant azhdarchid pterosaurs from the terminal Cretaceous of Transylvania (western Romania).” *Geological Society, London, Special Publications* **217**: 91-104.
- Buffetaut, Eric, Bogdan Jurkovšek, & Tea Kolar-Jurkovšek.** 2002. “A fossil feather from the Upper Cretaceous of Kras (Slovenia).” *Comptes Rendus Palevol* **1** (December): 705-710.
- Buffetaut, Eric, David Martill, & François Escuillié.** 2004. “Pterosaurs as part of a spinosaur diet.” *Nature* **429** (1 July): 33.
- Buffetaut, Eric, Varavudh Suteethorn, Gilles Cuny, Haiyan Tong, Jean Le Loeuff, Sasidhorn Khansubha, & Sutee Jongautchariyakul.** 2000. “The earliest known sauropod dinosaur.” *Nature* **407** (7 September): 72-74.
- Buffett, Bruce.** 2016. “Another energy source for the geodynamo.” *Nature* **529** (21 January): 288-289.
- Buffie, William C.** 2011. “Public Health Implications of Same-Sex Marriage.” *American Journal of Public Health* **101** (June): 986-990.
- Bugge, Thomas H., Keith W. Kombrinck, Matthew J. Flick, Cynthia C. Daugherty, Mary Jo**

- S. Danton, & Jay L. Degen.** 1996. "Loss of Fibrinogen Rescues Mice from the Pleiotropic Effects of Plasminogen Deficiency." *Cell* **87** (15 November): 709-719.
- Buggs, Richard J. A., Simon Renny-Byfield, Michael Chester, Ingrid E. Jordon-Thaden, Lyderson Facio Viccini, Srikar Chamala, Andrew R. Leitch, Patrick S. Schnable, W. Bradley Barbazuk, Pamela S. Soltis, & Douglas E. Soltis.** 2012. "Next-generation sequencing and genome evolution in allopolyploids." *American Journal of Botany* **99** (February): 372-382.
- Bugliosi, Vincent.** 2011. *Divinity of Doubt: The God Question*. New York: Vanguard Press.
- Bugnyar, Thomas, Stephan A. Reber, & Cameron Buckner.** 2016. "Ravens attribute visual access to unseen competitors." *Nature Communications* (online @ nature.com) **7** (2 February): 10506.
- Buhaug, Halvard.** 2010. "Climate not to blame for African civil wars." *Proceedings of the National Academy of Sciences* **107** (21 September): 16477-16482.
- Buhler, Stéphane, & Alicia Sanchez-Mazas.** 2011. "HLA DNA Sequence Variation among Human Populations: Molecular Signatures of Demographic and Selective Events." *PLoS ONE* (online @ plosone.org) **6** (February): e14643.
- Buhrman, H., P. T. S. van der Gulik, S. Severini, & D. Speijer.** 2013. "A mathematical model of kinetoplastid mitochondrial gene scrambling advantage." *Biology arXiv.org* posting 22 July (online pdf at *arxiv.org* accessed 9/13/2014).
- Buick, Roger.** 1990. "Microfossil recognition in Archean rocks: an appraisal of spheroids and filaments from a 3500 my old chert-barite unit at North Pole, Western Australia." *Palaios* **5** (October): 441-459.
- . 2008. "When did oxygenic photosynthesis evolve?" *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 August): 2731-2743.
- Buick, R., J. S. R. Dunlop, & D. I. Groves.** 1981. "Stromatolite recognition in ancient rocks: An appraisal of irregular laminated structures in an early Archean chert barite unit from North Pole, Western Australia." *Alcheringa: An Australasian Journal of Palaeontology* **5** (3): 161-181.
- Buising, Anna V.** 1990. "The Bouse Formation and bracketing units, southeastern California and western Arizona: Implications for the evolution of the Proto-Gulf of California and the lower Colorado River." *Journal of Geophysical Research* **95** (10 November): 20111-20132.
- Buizert, Christo, Vasileios Gkinis, Jeffrey P. Severinghaus, Feng He, Benoit S. Lecavalier, Philippe Kindler, Markus Leuenberger, Anders E. Carlson, Bo Vinther, Valérie Masson-Delmotte, James W. C. White, Zhengyu Liu, Bette Otto-Bliesner, & Edward J. Brook.** 2014. "Greenland temperature response to climate forcing during the last deglaciation." *Science* **345** (5 September): 1177-1180.
- Bukau, Bernd, & Arthur L. Horwich.** 1998. "The Hsp 70 and Hsp 60 Chaperone Machines." *Cell* **92** (6 February): 351-366.
- Buklijas, Tatjana, Felicia M. Low, Alan S. Beedle, & Peter D. Gluckman.** 2011. "Developing a Curriculum for Evolutionary Medicine: Case Studies of Scurvy and Female Reproductive Tract Cancers." *Evolution: Education & Outreach* **4** (December): 595-602.
- Bukovanská, M., & T. R. Ireland.** 1993. "Zircons in eucrites: Pristine and disturbed U-Pb systematics." Abstract of conference presentation. *Meteoritics & Planetary Science* **28** (3): 333.
- Bulbulia, Joseph, & Uffe Schjoedt.** 2011. "Toward an evolutionary social neuroscience of religion." *Religion, Brain & Behavior* **1** (October): 220-222.
- Bulbulia, Joseph, & Richard Sosis.** 2009. "Ideology of cooperative affordance." *Behavioral and Brain Sciences* **32** (6): 515-516.
- Bulbulia, Joseph, Richard Sosis, Eric Harris, Russell Genet, Cheryl Genet, & Karen Wyman,** eds. 2008. *The Evolution of Religion: Studies, Theories, & Critiques*. Santa Margarita, CA: Collins Foundation Press.
- Bulhak, Andrew C.** 2010. "Postcapitalist desublimation and modern objectivism." *Communication From Elsewhere* Postmodernism Generator posting (online text at

- www.elsewhere.org accessed 1/5/2011).
- Bull, James J.** 2015. “Reptile sex determination goes wild.” *Nature* **523** (2 July): 43-44.
- Bull, J. J., M. R. Badgett, D. Rokyta, & I. J. Molineux.** 2003. “Experimental Evolution Yields Hundreds of Mutations in a Functional Viral Genome.” *Journal of Molecular Evolution* **57** (September): 241-248.
- Bull, J. J., M. R. Badgett, & H. A. Wichman.** 2000. “Big-Benefit Mutations in a Bacteriophage Inhibited with Heat.” *Molecular Biology and Evolution* **17** (June): 942-950.
- Bull, J. J., M. R. Badgett, H. A. Wichman, J. P. Huelsenbeck, D. M. Hillis, A. Gulati, & I. J. Molineux.** 1997. “Exceptional Convergent Evolution in a Virus.” *Genetics* **147** (December): 1497-1507.
- Bull, J. J., & H. A. Wichman.** 2001. “Applied Evolution.” *Annual Review of Ecology and Systematics* **32**: 1-576.
- Bull, Marcus.** 1995. “Origins,” in *Oxford Illustrated History of the Crusades* (1995, 13-33).
- Bull, Rebecca, & Gaia Scerif.** 2001. “Executive functioning as a predictor of children’s mathematics ability: inhibition, switching, and working memory.” *Developmental Neuropsychology* **19** (3): 273-293.
- Bullard, Edward, J. E. Everett, & A. Gilbert Smith.** 1965. “The fit of the continents around the Atlantic.” *Proceedings of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **258** (28 October): 41-51.
- Bullard, Gabe.** 2016. “The World’s Newest Major Religion: No Religion.” *National Geographic News* (22 April): online text accessed 4/23/2016 (news.nationalgeographic.com).
- Bullard, James H., Yulia Mostovey, Sandrine Dudoit, & Rachel B. Brem.** 2010. “Polygenic and directional regulatory evolution across pathways in *Saccharomyces*.” *Proceedings of the National Academy of Sciences* **107** (16 March): 5058-5063.
- Buller, Andrew R., & Craig A. Townsend.** 2013. “Intrinsic evolutionary constraints on protease structure, enzyme acylation, and the identity of the catalytic triad.” *Proceedings of the National Academy of Sciences* **110** (19 February): E563-E661.
- Buller, David J.** 2009. “Four Fallacies of Pop Evolutionary Psychology.” *Scientific American* **300** (January): 74-81.
- Bullock, Roddy.** 2007a. “Charles Darwin, The Last Icon of Evolution?” *The Errant Skeptics Research Institute* posting (online text at www.errantskeptics.org accessed 11/22/2013).
- . 2007b. “The God Dilution.” *ID NET* (Australia) posting of 6 July Access Research Network article (online pdf at www.idnet.com accessed 11/22/2013).
- Bullock, Theodore H., & Jon H. Kaas,** eds. 2007. *Evolution of Nervous Systems: A Comprehensive Reference, Vol. 2: Non-Mammalian Vertebrates*. San Diego, CA: Academic Press.
- Bullock, Timothy L., Annia Rodríguez-Hernández, Eleonora M. Corigliano, & John J. Perona.** 2008. “A rationally engineered misacylating aminoacyl-tRNA synthetase.” *Proceedings of the National Academy of Sciences* **105** (27 May): 7428-7433.
- Bulmer, Michael.** 1987. “Coevolution of codon usage and transfer RNA abundance.” *Nature* **325** (19 February): 728-730.
- Bumgarner, Stacie L., Robin D. Dowell, Paula Grisafi, David K. Grifford, & Gerald R. Fink.** 2009. “Toggle involving *cis*-interfering noncoding RNAs controls variegated gene expression in yeast.” *Proceedings of the National Academy of Sciences* **106** (27 October): 18321-18326.
- Bumpas, Bill.** 2010. “Playing politics with education standards.” *OneNewsNow* posting 20 May (online text at onenewsnow.com accessed 5/26/2010).
- Bunce, Michael, Marta Szulkin, Heather R. L. Lerner, Ian Barnes, Beth Shapiro, Alan Cooper, & Richard N. Holdaway.** 2005. “Ancient DNA Provides New Insights into the Evolutionary History of New Zealand’s Extinct Giant Eagle.” *PLoS Biology* (online @ plosbiology.org) **3** (January): e9.
- Bunce, Michael, Trevor H. Worthy, Tom Ford, Will Hoppitt, Eske Willerslev, Alexei Drummond, & Alan Cooper.** 2003. “Extreme reversed sexual size dimorphism in the

- extinct New Zealand moa *Dinornis*.” *Nature* **425** (11 September): 172-175.
- Bunce, M., T. H. Worthy, M. J. Phillips, R. N. Holdaway, E. Willerslev, J. Haile, B. Shapiro, R. P. Scofield, A. Drummond, P. J. J. Kamp, & A. Cooper.** 2009. “The evolutionary history of the extinct ratite moa and New Zealand Neogene paleogeography.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20646-20651.
- Bunch, Ted E., Robert E. Hermes, Andrew M. T. Moore, Douglas J. Kennett, James C. Weaver, James H. Wittke, Paul S. DeCarli, James L. Bischoff, Gordon C. Hillman, George A. Howard, David R. Kimbel, Gunther Kletetschka, Carl P. Lipo, Sachiko Sakai, Zsolt Revay, Allen West, Richard B. Firestone, & James P. Kennett.** 2012. “Very high-temperature impact melt products as evidence for cosmic airbursts and impacts 12,000 years ago.” *Proceedings of the National Academy of Sciences* **109** (10 July): E1903-E1912.
- Bundy, Kathleen, & Samuel D. Matson.** 2013. “Assessing the Reliability of Stable Isotopes in Fossil Bone: A Unique Case Study of Prehistoric Lung Pathology.” Boise State University *Scholar Works* 9 August “Student Research Initiative” posting (online pdf at scholarworks.boisestate.edu accessed 6/24/2014).
- Bungard, David, Benjamin J. Fuerth, Ping-Yao Zeng, Brandon Faubert, Nancy L. Maas, Benoit Viollet, David Carling, Craig B. Thompson, Russell G. Jones, & Shelley L. Berger.** 2010. “Signaling Kinase AMPK Activates Stress-Promoted Transcription via Histone H2B Phosphorylation.” *Science* **329** (3 September): 1201-1205.
- Bunjun, Shipra, Constantinos Stathopoulos, David Graham, Bokkee Min, Makoto Kitabatake, Alice L. Wang, China C. Wang, Christian P. Vivarès, Louis M. Weiss, & Dieter Söll.** 2000. “A dual-specificity aminoacyl-tRNA synthetase in the deep-rooted eukaryote *Giardia lamblia*.” *Proceedings of the National Academy of Sciences* **97** (21 November): 12997-13002.
- Bunn, Emory F.** 2009. “Evolution and the second law of thermodynamics.” *American Journal of Physics* **77** (October): 922.
- Bunn, H. Franklin.** 2013. “The triumph of good over evil: protection by the sickle gene against malaria.” *Blood* **121** (3 January): 20-25.
- Büntgen, Ulf, Tomáš Kyncl, Christian Ginzler, David S. Jacks, Jan Esper, Willy Tegel, Karl-Uwe Heussner, & Josef Kyncl.** 2013. “Filling the Eastern European gap in millennium-long temperature reconstructions.” *Proceedings of the National Academy of Sciences* **110** (29 January): 1773-1778.
- Büntgen, Ulf, Willy Tegel, Kurt Nicolussi, Michael McCormick, David Frank, Valerie Trouet, Jed O. Kaplan, Franz Herzig, Karl-Uwe Heussner, Heinz Wanner, Jürg Luterbacher, & Jan Esper.** 2011. “2500 Years of European Climate Variability and Human Susceptibility.” *Science* **331** (4 February): 578-582.
- Buono, Mónica R., María T. Dozo, Felix G. Marx, & R. Ewan Fordyce.** 2014. “A Late Miocene potential neobalaenine mandible from Argentina sheds light on the origins of the living pygmy right whale.” *Acta Palaeontologica Polonica* **59** (4): 787-793.
- Buono, Mónica R., Marta S. Fernández, Marcelo A. Reguero, Sergio A. Marensi, Sergio N. Santillana, & Thomas Mörs.** 2016. “Eocene Basilosaurid whales from the La Meseta Formation, Marambio (Setmour) Island, Antarctica.” *Ameghiniana* **53** (June): 296-315.
- Burak, Yoram, Uri Rokni, Markus Meister, & Haim Sompolinsky.** 2010. “Bayesian model of dynamic image stabilization in the visual system.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19525-19530.
- Buratovich, Michael.** 2002. “Trading on Genomes: Recent Creationists Use Genomic Data from Mycoplasmas.” *Reports of the National Center for Science Education* **22** (September-October): 30-35.
- . 2006. “Review: Fatal Flaws.” *Reports of the National Center for Science Education* **26** (May-June): 46-47.
- . 2010. Untitled review of Coyne (2009) & M. Young & Strode (2009). *Christian Scholar's Review* **23** (3): 358-362.
- . 2015a. “Where Are My Genes? Genomic Considerations on *Darwin's Doubt*.” *Reports*

- of the National Center for Science Education **35** (July-August): 1.1-1.9.
- . 2015b. “Leaving the Fold: Darwin’s Doubt and the Evolution of Protein Folds.” *Reports of the National Center for Science Education* **35** (September-October): 2.1-2.19.
- Buratowski, Stephen.** 2012. “Transcription initiation unwrapped.” *Nature* **483** (15 March): 286-287.
- Burbano, Hernán A., Emily Hodges, Richard E. Green, Adrian W. Briggs, Johannes Krause, Matthias Meyer, Jeffrey M. Good, Tomislav Maricic, Philip L. F. Johnson, Zhenyu Xuan, Michelle Rooks, Arindam Bhattacharjee, Leonardo Brizuerla, Frank W. Albert, Marco de la Rasilla, Javier Fortea, Antonio Rosas, Michael Lachmann, Gregory J. Hannon, & Svante Pääbo.** 2010. “Targeted Investigation of the Neandertal Genome by Array-Based Sequence Capture.” *Science* **328** (7 May): 723-725.
- Burbridge, David.** 1998. “William Paley Confronts Erasmus Darwin: Natural Theology and Evolutionism in the Eighteenth Century.” *Templeton Foundation Science & Christian Belief* **10** (1): 49-71.
- Burbidge, Geoffrey, Fred Hoyle, & Jayant V. Narlikar.** 1999. “A Different Approach to Cosmology.” *Physics Today* **52** (April): 38-44.
- Burch, David.** 2002. “Scientists reach out to Cobb in support of ‘disputed views’.” *Marietta Daily Journal* posting 21 September: online text accessed 9/25/2002 (mdjonline.com).
- Burchell, M. J.** 2004. “Panspermia today.” *International Journal of Astrobiology* **3** (April): 73-80.
- Burchell, Mark J., James A. Galloway, Alan W. Bunch, & Pedro F. B. Brandão.** 2003. “Survivability of Bacteria Ejected from Icy Surfaces after Hypervelocity Impact.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **33** (February): 53-74.
- Burchfiel, Nathan.** 2008. “School Bans ‘Intelligent Design,’ Faces Possible Lawsuit.” Cybercast (formerly Conservative) New Service *CNSnews* 7 July posting (online text at cnsnews.com accessed 12/3/2012).
- Burda, Z., A. Krzywicki, O. C. Martin, & M. Zagorski.** 2011. “Motifs emerge from function in model gene regulation networks.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17263-17268.
- Bureau, Thomas E., Pam C. Ronald, & Susan R. Wessler.** 1996. “A computer-based systematic survey reveals the predominance of small inverted-repeat elements in wild-type rice genes.” *Proceedings of the National Academy of Sciences* **93** (6 August): 8524-8529.
- Bureau, Thomas E., & Susan R. Wessler.** 1994. “Mobile Inverted-Repeat Elements of the Tourist Family are Associated with the Genes of Many Cereal Grasses.” *Proceedings of the National Academy of Sciences* **91** (15 February): 1411-1415.
- Burenhult, Gören, & David H. Thomas,** eds. 1993. *The First Humans: Human Origins and History to 10,000 BC*. San Francisco: HarperSanFrancisco.
- Bures, Frank.** 2016. *The Geography of Madness: Penis Thieves, Voodoo Death, and the Search for the Meaning of the World’s Strangest Syndromes*. New York: Melville House.
- Burga, Alejandro, Weiguang Wang, Eyal Ben-David, Paul C. Wolf, Andrew M. Ramey, Claudio Verdugo, Karen Lyons, Patricia G. Parker, & Leonid Kruglyak.** 2017. “A genetic signature of the evolution of loss of flight in the Galapagos cormorant.” *Science* **356** (2 June): eaa13345.
- Burge, Christopher B., Richard A. Padgett, & Phillip A. Sharp.** 1998. “Evolutionary fates and origins of U12-type introns.” *Molecular Cell* **2** (December): 773-785.
- Burger, John.** 2000. “Funding of the Jesus Seminar.” *Crisis* **18** (May): 41-45.
- Burger, Scott, Andrew Smith-Moreland, & Kent Hovind.** 2006. “Transcript of the Kent Hovind Debate Recorded July 21, 2:45 pm.” *The TalkOrigins Archive* posting 28 July (online pdf at talkorigins.org accessed 8/30/2006).
- Burger, William C.** 1981. “Heresy revived: The monocot theory of angiosperm origin.” *Evolutionary Theory* **5** (September): 189-225.
- Burgers, Phillip, & Luis M. Chiappe.** 1999. “The wing of *Archaeopteryx* as a primary thrust generator.” *Nature* **399** (6 May): 60-62.
- Burges, Judy, Chester Crandell, Rick Murphy, Steve Pierce, Don Shooter, & Steve**

- Yarbrough.** 2013. "SB 1213." Introduced Arizona Senate legislation (online text at www.azleg.gov accessed 2/1/2013).
- Burgesson, John W.** 1997. "NTSE: An Intellectual Feast." Access Research Network *Origins & Design* (AKA *Origins Research*) **18** (Fall): online text accessed 11/9/2014 (www.leaderu.com).
- Burgess, Diane, & Michael Freeling.** 2014. "The Most Deeply Conserved Noncoding Sequences in Plants Serve Similar Functions to Those in Vertebrates Despite Large Differences in Evolutionary Rates." *The Plant Cell* **26** (March): 946-961.
- Burgess, Seth D., Samuel Bowring, & Shu-zhong Shen.** 2014. "High-precision timeline for Earth's most severe extinction." *Proceedings of the National Academy of Sciences* **111** (4 March): 3316-3321.
- Burgess, Shawn M.** 2012. "The changing conditions of zebrafish mutants." *Proceedings of the National Academy of Sciences* **109** (18 September): 15082-15083.
- . 2016. "A matched set of frog sequences." *Nature* **538** (20 October): 320-321.
- Burggren, Warren.** 2000. "And the Beat Goes On: A Brief Guide to the Hearts of Vertebrates." *Natural History* **109** (April): 62-65.
- Burggren, Warren W., & Kjell Johansen.** 1986. "Circulation and Respiration in Lungfishes (Dipnoi)." *Journal of Morphology* **217** (Supplement): 217-236.
- Burghardt, Gordon M.** 2008. "The sun always rises: Scientists also need semantics." *Behavioral and Brain Sciences* **31** (April): 133-134.
- Burgin, Nicole.** 2012. "Food containing fetuses targeted under new Oklahoma bill." *KRMG* radio station (Tulsa, OK) 24 January posting (online text at www.krmg.com accessed 1/28/2012).
- Bürglin, Thomas R.** 2008. "Evolution of *hedgehog* and *hedgehog*-related genes, their origin from Hog proteins in ancestral eukaryotes and discovery of a novel Hint motif." *BMC Genomics* (online @ biomedcentral.com) **9** (11 March): 127.
- Burguière, Eric, Patricia Monteiro, Guoping Feng, & Ann M. Graybiel.** 2013. "Optogenetic Stimulation of Lateral Orbitofronto-Striatal Pathway Suppresses Compulsive Behaviors." *Science* **340** (7 June): 1243-1246.
- Burian, Richard M.** 1988. "Challenges to the Evolutionary Synthesis." *Evolutionary Biology* **23**: 247-269.
- . 2000. "General introduction to the Symposium on Evolutionary Developmental Biology: Paradigms, Problems, and Prospects: Co-organized by Richard Burian, Scott Gilbert, Paula Mabee, and Billie Swalla." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 711-717.
- Burk, Angela, Michael Westerman, & Mark Springer.** 1998. "The Phylogenetic Position of the Musky Rat-Kangaroo and the Evolution of Bipedal Hopping in Kangaroos (Macropodidae: Diprotodontia)." *Systematic Biology* **47** (September): 457-474.
- Burkart, Judith M., Ernst Fehr, Charles Efferson, & Carel P. van Schaik.** 2007. "Other-regarding preferences in a non-human primate: Common marmosets provision food altruistically." *Proceedings of the National Academy of Sciences* **104** (11 December): 19762-19766.
- Burkart, Judith Maria, & Katja Rueth.** 2013. "Preschool Children Fail Primate Prosocial Game Because of Attentional Task Demands." *PLoS ONE* (online @ plosone.org) **8** (July): e68440.
- Burke, Ann C., & Alan Feduccia.** 1997. "Developmental Patterns and the Identification of Homologies in the Avian Hand." *Science* **278** (24 October): 666-668.
- Burke, Ann C., Craig E. Nelson, Bruce A. Morgan, & Cliff Tabin.** 1995. "*Hox* genes and the evolution of vertebrate axial morphology." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **121** (1 February): 333-346.
- Burke, Ann Campbell, & Julie L. Nowicki.** 2001. "*Hox* genes and axial specification in vertebrates." *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 687-697.
- Burke, Barbara.** 1984. "Infanticide." *Science* **84** **5** (May): 26-31.

- Burke, Catherine, Peter Steinberg, Doug Rusch, Staffan Kjelleberg, & Torsten Thomas.** 2011. "Bacterial community assembly based on functional genes rather than species." *Proceedings of the National Academy of Sciences* **108** (23 August): 14288-14293.
- Burke, Christopher J., Philippe N. Tobler, Michelle Baddeley, & Wolfram Schultz.** 2010. "Neural mechanisms of observational learning." *Proceedings of the National Academy of Sciences* **107** (10 August): 14431-14436.
- Burke, Donald H., John E. Hearst, & Arend Sidow.** 1993. "Early evolution of photosynthesis: Clues from nitrogenase and chlorophyll iron proteins." *Proceedings of the National Academy of Sciences* **90** (1 August): 7134-7138.
- Burke, James.** 1978. *Connections*. Boston: Little, Brown & Co.
- . 1985. *The Day the Universe Changed*. Boston: Little, Brown & Co.
- . 1996. *The Pinball Effect: How Renaissance Water Gardens Made the Carburator Possible—and Other Journeys Through Knowledge*. Boston: Little, Brown & Co.
- . 1999. *The Knowledge Web: From Electronic Agents to Stonehenge and Back—and Other Journeys Through Knowledge*. New York: Simon & Schuster.
- . 2000. *Circles: 50 Round Trips through History, Technology, Science, Culture*. New York: Simon & Schuster.
- Burke, James, & Robert Ornstein.** 1995. *The Axemaker's Gift: A Double-Edged History of Human Culture*. New York: Grosset/Putnam.
- Burke, Jason, & Saad Hammadi.** 2015. "Bangladesh blogger becomes second to be murdered in a month." *The Guardian* posting 30 March (online text at theguardian.com accessed 3/30/2015).
- Burke, Kathryn A., Theresa M. Franz, Danielle N. Miller, & Geoffrey Schoenbaum.** 2008. "The role of the orbitofrontal cortex in the pursuit of happiness and more specific rewards." *Nature* **454** (18 June): 340-344.
- Burke, Kelsy.** 2016. "The Porn Workaround: How Christian Sexuality Websites Avoid Sin." *Religion Dispatches* 26 January posting (online text at religiondispatches.org accessed 2/1/2016).
- Burke, Kevin, & Yanni Gunnell.** 2008. "The African Erosion Surface: A Continental-Scale Synthesis of Geomorphology, Tectonics, and Environmental Change over the Past 180 Million Years." *The Geological Society of America Memoirs* **201**: 1-66.
- Burke, Marshall B., Edward Miguel, Shanker Satyanath, John A. Dykema, & David B. Lobell.** 2009. "Warming increases the risk of civil war in Africa." *Proceedings of the National Academy of Sciences* **106** (8 December): 20670-20674.
- Burke, Molly K.** 2012. "How does adaptation sweep through the genome? Insights from long-term selection experiments." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 December): 5029-5038.
- Burke, Molly K., Joseph P. Dunham, Parvin Shahrestani, Kevin R. Thornton, Michael R. Rose, & Anthony D. Long.** 2010. "Genome-wide analysis of a long-term evolution experiment with *Drosophila*." *Nature* **467** (30 September): 587-590.
- Burke, Patrick.** 2013. "Quinnipiac Poll: 55% of Weekly Mass-Attending Catholics Oppose Same-Sex 'Marriage'." Cybercast (formerly Conservative) New Service *CNSnews* 8 March posting (online text at cnsnews.com accessed 3/13/2013).
- Burkett, J. P., E. Andari, Z. V. Johnson, D. C. Curry, F. B. de Waal, & L. J. Young.** 2016. "Oxytocin-dependent consolation behavior in rodents." *Science* **351** (22 January): 375-378.
- Burkhardt, C., L. E. Borg, G. A. Brennecka, Q. R. Shollenberger, N. Dauphas, & T. Kleine.** 2016. "A nucleosynthetic origin for the Earth's anomalous ¹⁴²Nd composition." *Nature* **537** (15 September): 394-398.
- Burkhardt, Christoph, Thorsten Kleine, Bernard Bourdon, Herbert Palme, Jutta Zipfel, John M. Friedrich, & Denton S. Ebel.** 2008. "Hf-W mineral isochron for Ca,Al-rich inclusions: Age of the solar system and the timing of core formation in planetesimals." *Geochimica et Cosmochimica Acta* **72** (15 December): 6177-6197.
- Burkhardt, Pawel.** 2015. "The origin and evolution of synaptic proteins—choanoflagellates lead the way." *The Journal of Experimental Biology* **218** (15 February): 506-514.

- Burkhardt, Pawel, Christian M. Stegmann, Benjamin Cooper, Tobias H. Kloepper, Cordelia Imig, Frédérique Varoquaux, Marcus C. Wahl, & Dirk Fasshauer.** 2011. "Primordial neurosecretory apparatus identified in the choanoflagellate *Monosiga brevicollis*." *Proceedings of the National Academy of Sciences* **108** (13 September): 15264-15269.
- Burki, Fabien, Pavel Flegontov, Miroslav Obornik, Jaromir Cihlár, Arnab Pain, Julius Lukeš, & Patrick J. Keeling.** 2012. "Re-evaluating the Green versus Red Signal in Eukaryotes with Secondary Plastic of Red Algal Origin." *Genome Biology and Evolution* **4** (6): 738-747.
- Burki, Fabien, Behzad Imanian, Elisabeth Hehenberger, Yoshihisa Hirakawa, Shinichiro Maruyama, & Patrick J. Keeling.** 2014. "Endosymbiotic Gene Transfer in Tertiary Plastid-Containing Dinoflagellates." *Eukaryotic Cell* **13** (February): 246-235.
- Burki, Fabien, & Henrik Kaessmann.** 2004. "Birth and adaptive evolution of a hominoid gene that supports high neurotransmitter flux." *Nature Genetics* **36** (October): 1061-1063.
- Burki, Fabien, Maia Kaplan, Denis V. Tikhonenkov, Vasily Zlatogursky, Bui Quang Minh, Liudmila V. Radaykina, Alexey Smirnov, Alexander P. Mylnikov, & Patrick J. Keeling.** 2016. "Untangling the early diversification of eukaryotes: a phylogenomic study of the evolutionary origins of Centrohelida, Haptophyta and Cryptista." *Proceedings of the Royal Society of London B* (Biological Sciences) **283** (27 January): 20152802.
- Burki, Fabien, Alexander Kudryavtsev, Mikhail V. Matz, Galina V. Aglyamova, Simon Bulman, Mark Fiers, Patrick J. Keeling, & Jan Pawlowski.** 2010. "Evolution of Rhizaria: new insights from phylogenomic analysis of uncultivated protists." *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (2 December): 377.
- Burki, Fabien, Noriko Okamoto, Jean-François Pombert, & Patrick J. Keeling.** 2012. "The evolutionary history of haptophytes and cryptophytes: phylogenomic evidence for separate origins." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 June): 2246-2254.
- Burleigh, Bruce D. Jr., Peter W. J. Rigby, Brian S. Hartley, & Jay E. Mittenthal.** 1974. "A Comparison of Wild-Type and Mutant Ribitol Dehydrogenases from *Klebsiella aerogenes*." *Biochemical Journal* **143** (November): 341-352.
- Burleigh, Nina.** 2015. "How Timothy McVeigh's Ideals Entered the Mainstream." *The Raw Story* 1 June posting (online text at www.rawstory.com accessed 6/2/2015).
- Burley, Nancy Tyler.** 2006. "An Eye for Detail: Selective Sexual Imprinting in Zebra Finches." *Evolution* **60** (May): 1076-1085.
- Burley, Nancy Tyler, & Richard Symanski.** 1998. "'A Taste for the Beautiful': Latent Aesthetic Mate Preferences for White Crests in Two Species of Australian Grassfinches." *The American Naturalist* **152** (December): 792-802.
- Burling, Robbins.** 2005. *The Talking Ape: How Language Evolved*. Oxford: Oxford University Press.
- Burness, Gary P., Jared Diamond, & Timothy Flannery.** 2001. "Dinosaurs, dragons, and dwarfs: The evolution of maximal body size." *Proceedings of the National Academy of Sciences* **98** (4 December): 14518-14523.
- Burnett, H. Sterling.** 2017. "Climate Change 101: The Evidence Humans Aren't Destroying The Climate." *RedState Conservative Blog and News* 4 January posting (online text at www.redstate.com accessed 6/25/2017).
- Burnett, Roger M.** 2006. "More barrels from the viral tree of life." *Proceedings of the National Academy of Sciences* **103** (3 January): 3-4.
- Burnett, Stephen C.** 2008. "From the World-Wide Flood to the World Wide Web: Creationism in the Digital Age." *Reports of the National Center for Science Education* **28** (July-August): 17-18, 23-27.
- Burnette, Jeni L., Michael E. McCullough, Daryl R. Van Tonheren, & Don E. Davis.** 2012. "Forgiveness Results from Integrating Information About Relationship Value and Exploitation Risk." *Personality and Social Psychology Bulletin* **38** (March): 345-356.
- Burney, David A., Guy S. Robinson, & Lida Pigott Burney.** 2003. "*Sporormiella* and the late Holocene extinctions in Madagascar." *Proceedings of the National Academy of Sciences*

- 100 (16 September): 10800-10805.
- Burnham, David A., Alan Feduccia, Larry D. Martin, & Amanda R. Falk.** 2011. "Tree Climbing—A Fundamental Avian Adaptation." *Journal of Systematic Palaeontology* **9** (1): 103-107.
- Burns, Cat.** 2013. "Atheist Monument Unveiled Today Shown Disrespect by Eric Hovind." *Rock Beyond Belief* posting 29 June (online text at freethoughtblogs.com/rockbeyondbelief accessed 7/23/2013).
- Burns, Cathy.** 2012. "Tom Horn's *Apollyon Rising: 2012*—Critique by Dr. Cathy Burns." *Liberty to the Captives* undated posting (online text at www.libertytothecaptives.net accessed 10/1/2013).
- Burns, Claire, Jason E. Stajich, Andreas Rechsteiner, Lorna Casselton, Sean E. Hanlon, Sarah K. Wilke, Oleksandr P. Savytsky, Allen C. Gathman, Walt W. Lilly, Jason D. Lieb, Miriam E. Zolan, & Patricia J. Pukkila.** 2010. "Analysis of the Basidiomycete *Coprinospora cinerea* Reveals Conservation of the Core Meiotic Expression Program over Half a Billion Years of Evolution." *PLoS Genetics* (online @ plosgenetics.org) **6** (September): e1001135.
- Burns, Jean H., & Sharon Y. Strauss.** 2011. "More closely related species are ecologically similar in an experimental test." *Proceedings of the National Academy of Sciences* **108** (29 March): 5302-5307.
- Burns, Joseph A., Douglas P. Hamilton, & Mark R. Showalter.** 2001. "Dusty Rings and Circumplanetary Dust: Observations and Simple Physics," in Grün *et al.* (2001, 647-745).
- Burns, Kevin J., Shannon J. Hackett, & Nedra K. Klein.** 2002. "Phylogenetic Relationships and Morphological Diversity in Darwin's Finches and Their Relatives." *Evolution* **56** (June): 1240-1252.
- Burnstock, G., & A. Verkhratsky.** 2012. *Purinergic Signalling and the Nervous System*. New York: Springer.
- Burr, Chandler.** 1997. "The geophysics of God." *U.S. News & World Report* **122** (16 June): 55-58.
- Burr, G. S., R. L. Edwards, D. J. Donahue, E. R. M. Druffel, & F. W. Taylor.** 1992. "Mass Spectrometric ¹⁴C and U-Th Measurements in Coral." *Radiocarbon* **34** (3): 611-618.
- Burr, George Lincoln,** ed. 1914. *Narratives of the Witchcraft Cases, 1648-1706*. 1972 reprint. New York: Barnes & Noble.
- Burr, William Henry.** 1860. *Self-Contradictions of the Bible*. 1987 reprint. Buffalo, NY: Prometheus Books.
- Burress, Charles.** 2009. "Cal Web site draws anti-evolution lawsuit." *San Francisco Chronicle* posting 14 February: online text accessed 2/4/2017 (www.sfgate.com).
- Burri, Andrea, Lynn Cherkas, Timothy Spector, & Qazi Rahman.** 2011. "Genetic and Environmental Influences on Female Sexual Orientation, Childhood Gender Typicality and Adult Gender Identity." *PLoS ONE* (online @ plosone.org) **6** (July): e21982.
- Burri, Lena, Bryony A. P. Williams, Dejan Bursac, Trevor Lithgow, & Patrick J. Keeling.** 2006. "Microsporidian mitosomes retain elements of the general mitochondrial targeting system." *Proceedings of the National Academy of Sciences* **103** (24 October): 15916-15920.
- Burridge, C. P., W. E. Brown, J. Wadley, D. L. Nankervis, L. Olivier, M. G. Gardner, C. Hull, R. Barbour, & J. J. Austin.** 2013. "Did postglacial sea-level changes initiate the evolutionary divergence of a Tasmanian endemic raptor from its mainland relative." *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (30 October): 20132448.
- Burridge, Christopher P., Dave Craw, David Fletcher, & Jonathan M. Waters.** 2008. "Geological Dates and Molecular Rates: Fish DNA Sheds Light on Time Dependency." *Molecular Biology and Evolution* **25** (April): 624-633.
- Burris, Carol.** 2017. "Understanding the Privatization State Report Card Ratings." *Network for Public Education* 5 April posting (online text at networkpubliceducation.org accessed 4/15/2017).

- Burris, Sarah K.** 2016a. “Cruz-loving End Times pastor uses numerology to prove Obama sacrificed Scalia in pagan ritual.” *The Raw Story* 18 February posting (online text at www.rawstory.com accessed 2/18/2016).
- . 2016b. “Inside the bizarre world of Mormon porn—which is freaking out the church and Utah lawmakers.” *The Raw Story* 28 April posting (online text at www.rawstory.com accessed 4/28/2016).
- . 2016c. “Tennessee pastor claims all scientists are abandoning evolution for UFOs and aliens which is God.” *The Raw Story* 8 May posting (online text at www.rawstory.com accessed 5/9/2016).
- . 2016d. “Donald Trump’s ‘spiritual advisor’ sells eternal life for \$1,144 by stealing from Harry Potter.” *The Raw Story* 11 July posting (online text at www.rawstory.com accessed 7/11/2016).
- . 2016e. “Trump advisor Roger Stone promotes moon landing hoax: Video was shot in a warehouse in NJ.” *The Raw Story* 19 October posting (online text at www.rawstory.com accessed 11/7/2016).
- . 2017. “Nearly all Cabinet officials attend Bible lessons with right-wing pastor who compares Trump to biblical heroes.” *The Raw Story* 31 July posting (online text at www.rawstory.com accessed 7/31/2017).
- Burroughs, A. Maxwell, & L. Aravind.** 2014. “Analysis of two domains with novel RNA-processing activities throws light on the complex evolution of ribosomal RNA biogenesis.” *Frontiers in Genetics* (online @ frontiersin.org) **5** (23 December): 424.
- Burrow, Carole J.** 2003. “Comment on ‘Separate Evolutionary Origins of Teeth from Evidence in Fossil Jawed Vertebrates’.” *Science* **300** (13 June): 1661.
- Burrow, Carole, Yuzhi Hu, & Gavin Young.** 2016. “Placoderms and the evolutionary origin of teeth: a common on Rücklin & Donoghue.” *Royal Society Biology Letters* **13** (September): 20160159.
- Burroway, Jim.** 2006a. “What the ‘Dutch Study’ Really Says About Gay Couples.” *Box Turtle Bulletin* 9 January posting (online text at www.boxturtlebulletin.com accessed 8/5/2012).
- . 2006b. “How To Write An Anti-Gay Tract In Fifteen Easy Steps.” *Box Turtle Bulletin* 1 October posting (online text at www.boxturtlebulletin.com accessed 8/5/2012).
- . 2006c. “The Heterosexual Agenda: Exposing The Myths.” *Box Turtle Bulletin* 1 October posting (online introduction & pdf at www.boxturtlebulletin.com accessed 8/5/2012).
- . 2012. “American Pastor David Dykes Wants To Kill Gay Ugandans (UPDATED).” *Box Turtle Bulletin* 17 December posting (online text at www.boxturtlebulletin.com accessed 12/19/2012).
- Burrows, Adam S.** 2014a. “Spectra as windows into exoplanet atmospheres.” *Proceedings of the National Academy of Sciences* **111** (2 September): 12601-12609.
- . 2014b. “Highlights in the study of exoplanet atmospheres.” *Nature* **513** (18 September): 345-352.
- Burrows, Adam S., & Geoffrey M. Marcy.** 2014. “Exoplanets.” *Proceedings of the National Academy of Sciences* **111** (2 September): 12599-12600.
- Burrows, Anne M., Bridget M. Waller, Lisa A. Parr, & Christopher J. Bonar.** 2006. “Muscles of facial expression in the chimpanzee (*Pan troglodytes*): descriptive, comparative and phylogenetic contexts.” *Journal of Anatomy* **208** (February): 153-167.
- Burriows, Jeremy.** 2015. “Malaria runs rings round artemisinin.” *Nature* **520** (30 April): 628-630.
- Burrows, Malcolm, & Gregory Sutton.** 2013. “Interacting Gears Synchronize Propulsive Leg Movements in a Jumping Insect.” *Science* **341** (13 September): 1254-1256.
- Burrows, Michael T., David S. Schoeman, Lauren B. Buckley, Pippa Moore, Elvira S. Poloczanska, Keith M. Brander, Chris Brown, John F. Bruno, Carlos M. Duarte, Benjamin S. Halpern, Johnna Holding, Carrie V. Kappel, Wolfgang Kiessling, Mary I. O’Connor, John M. Pandolfi, Camille Parmesan, Franklin B. Schwing, William J. Sydeman, & Anthony J. Richardson.** 2011. “The Pace of Shifting Climate in Marine and Terrestrial Ecosystems.” *Science* **334** (4 November): 652-655.

- Burrows, Wes, & Oliver A. Ryder.** 1997. “Y-chromosome variation in great apes.” *Nature* **385** (9 January): 125-126.
- Burstein, Stanley M., & Richard Shek.** 2012. *World History*. New York: Holt Rinehart & Winston.
- Burt, Austin.** 2000. “Sex, Recombination, and the Efficacy of Selection—Was Weismann Right?” *Evolution* **54** (April): 337-351.
- Burt, David W.** 2009. “The cattle genome reveals its secrets.” *Journal of Biology* (online @ jbiol.com) **8** (24 April): 36.
- Burton, Aaron S., Jamie E. Elsila, Michael P. Callahan, Mildred G. Martin, Daniel P. Glavin, Natasha M. Johnson, & Jason P. Dworkin.** 2012. “A propensity for *n*- ω -amino acids in thermally altered Antarctic meteorites.” *Meteoritics & Planetary Science* **47** (March): 374-386.
- Burton, Aaron S., & Niles Lehman.** 2009. “DNA Before Proteins? Recent Discoveries in Nucleic Acid Catalysis Strengthen the Case.” *Astrobiology* **9** (January-February): 125-130.
- . 2010. “Enhancing the Prebiotic Relevance of a Set of Covalently Self-Assembling, Autocombing RNAs Through In Vitro Selection.” *Journal of Molecular Evolution* **70** (March): 233-241.
- Burton, Aaron S., Jennifer C. Stern, Jamie E. Elsila, Daniel P. Glavin, & Jason P. Dworkin.** 2012. “Understanding prebiotic chemistry through the analysis of extraterrestrial amino acids and nucleobases in meteorites.” *Chemical Society Reviews* **41** (21 August): 5459-5472.
- Burton, D. W.** 1981. “Pallial systems in the Athoracophoridae (Gastropoda: Pulmonata).” *New Zealand Journal of Zoology* **8** (3): 391-402.
- Burton, Elise K.** 2011. “Evolution and Creationism in Middle Eastern Education: A New Perspective.” *Evolution* **65** (January): 301-304.
- . 2015. “Darwinian Ideas in the Middle East: Marwa Elshakry’s *Reading Darwin in Arabic, 1860-1950*.” *Reports of the National Center for Science Education* **35** (January-February): 2.1-2.6.
- Burton, Patrick Michael.** 2008. “Insights from Diploblasts; the Evolution of Mesoderm and Muscle.” *Journal of Experimental Zoology* **310B** (15 January): 5-14.
- Burton, Patrick M., & John R. Finnerty.** 2009. “Conserved and novel gene expression between regeneration and asexual fission in *Nematostella vectensis*.” *Development Genes and Evolution* **219** (February): 79-87.
- Burton, Tara Isabella.** 2013. “Study Theology, Even If You Don’t Believe in God.” *The Atlantic* posting 30 October: online text accessed 11/26/2013 (theatlantic.com).
- Burton-Chellew, Maxwell N., Claire El Mouden, & Stuart A. West.** 2016. “Conditional cooperation and confusion in public-goods experiments.” *Proceedings of the National Academy of Sciences* **113** (2 February): 1291-1296.
- Burton-Chellew, Maxwell N., & Stuart A. West.** 2013. “Prosocial preferences do not explain human cooperation in public-goods games.” *Proceedings of the National Academy of Sciences* **110** (2 January): 216-221.
- Burzio, Verónica A., Claudio Villota, Jaime Villegas, Eduardo Landerer, Enrique Boccardo, Luisa L. Villa, Ronny Martínez, Constanza Lopez, Fancy Gaete, Viviana Toro, Ximena Rodriguez, & Luis O. Burzio.** 2009. “Expression of a family of noncoding mitochondrial RNAs distinguishes normal from cancer cells.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9430-9434.
- Busby(-Spera), Cathy J.** 1988. “Speculative tectonic model for the early Mesozoic arc of the southwest Cordilleran United States.” *Geology* **16** (December): 1121-1125.
- . 2005. “Possible distinguishing characteristics of very deepwater explosive and effusive silicic volcanism.” *Geology* **33** (November): 845-848.
- Busby, George B. J., Francesca Brisighelli, Paula Sánchez-Diz, Eva Ramos-Luis, Conrado Martínez-Cadenas, Mark G. Thomas, Daniel G. Bradley, Leonor Gusmão, Bruce Winney, Walter Bodmer, Marielle Vennemann, Valentina Coia, Francesca Scarnicci, Sergio Tofanelli, Giuseppe Vona, Rafal Ploski, Carla Vecchiotti, Tatijana Zemunik,**

- Igor Rudan, Sena Karachanak, Draga Toncheva, Paolo Anagnostou, Gianmarco Ferri, Cesare Rapone, Tor Hervig, Torolf Moen, James F. Wilson, & Cristian Capelli.** 2012. “The peopling of Europe and the cautionary tale of y chromosome lineage R-M269.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 March): 884-892.
- Busch, Andrea, Stefanie Horn, Andreas Mülhausen, Klaus Mummenhoff, & Sabine Zachgo.** 2012. “Corolla Monosymmetry: Evolution of a Morphological Novelty in the Brassicaceae Family.” *Molecular Biology and Evolution* **29** (April): 1241-1254.
- Busch, K. C.** 2015. “Textbooks of Doubt.” National Center for Science Education *Science League of America* 2 November posting (online text via *ncse.com* accessed 11/6/2015).
- Buschbeck, Elke K., & Markus Friedrich.** 2008. “Evolution of Insect Eyes: Tales of Ancient Heritage, Deconstruction, Reconstruction, Remodeling, and Recycling.” *Evolution: Education & Outreach* **1** (October): 448-462.
- Buschbeck, Elke K., & Ronald R. Hoy.** 1998. “Visual system of the stalk-eyed fly, *Cyrtodiopsis quinqueguttata* (Diptera): an anatomical investigation of unusual eyes.” *Journal of Neurobiology* **37** (15 November): 449-468.
- Buschiazzo, Emmanuel, & Neil J. Gemmell.** 2010. “Conservation of Human Microsatellites across 450 Million Years of Evolution.” *Genome Biology and Evolution* **2** (8 February): 153-165.
- Buschman, Timothy J., Markus Siegel, Jefferson E. Roy, & Earl K. Miller.** 2011. “Neural substrates of cognitive capacity limitations.” *Proceedings of the National Academy of Sciences* **108** (5 July): 11252-11255.
- Buseck, Peter R., Rafal E. Dunin-Borkowski, Bertrand Devouard, Richard B. Frankel, Martha B. McCartney, Paul A. Midgley, Mihály Pósfai, & Matthew Weyland.** 2001. “Magnetite morphology and life on Mars.” *Proceedings of the National Academy of Sciences* **98** (20 November): 13490-13495.
- Bush, Andrew M., Gene Hunt, & Richard K. Bambach.** 2016. “Sex and the shifting biodiversity dynamics of marine animals in deep time.” *Proceedings of the National Academy of Sciences* **113** (6 December): 14073-14078.
- Bush, Anthony.** 2010. “The Gosse Problem.” *Earth History* 1 September posting (online pdf at www.earthhistory.org.uk accessed 5/17/2014).
- . 2011a. “Evolution of the genome.” *Earth History* 14 January posting (online pdf at www.earthhistory.org.uk accessed 5/17/2014).
- . 2011b. “Cnidarian mysteries.” *A New Approach to Earth History* 18 May updated posting (online text at www.earthhistory.org.uk accessed 2/28/2012).
- . 2011c. “3. Reptile to mammal.” *Earth History* 25 May “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2011d. “5. The origin of turtles.” *Earth History* 21 August “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2011e. “8. Manatees and dugongs.” *Earth History* 21 August “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2012a. “1. Fish to amphibian.” *Earth History* 25 February “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2012b. “Mysteries of the cnidarians.” *Earth History* 5 March posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2012c. “2. Amphibian to reptile.” *Earth History* 6 March “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2012d. “10. Ape to man.” *Earth History* 1 October “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2013. “7. Lizards to snake.” *Earth History* 26 January “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2014a. “4. Land reptile to marine.” *Earth History* 17 February “Transitional fossils—the top ten” posting (online text at www.earthhistory.org.uk accessed 5/17/2014).
- . 2014b. “Before the Cataclysm.” *Earth History* 23 March posting (online text at

- www.earthhistory.org.uk accessed 5/17/2014).
- . 2014c. “Links and Other Material Relevant to Specific Pages.” *Earth History* 23 March updated posting (online text at www.earthhistory.org.uk accessed 3/20/2015).
- Bush, Eliot C., & John M. Allman.** 2004. “Three-Dimensional Structure and Evolution of Primate Primary Visual Cortex.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1088-1094.
- Bush, Eliot C., Elwyn L. Simons, & John M. Allman.** 2004. “High-Resolution Computed Tomography Study of the Cranium of a Fossil Anthropoid Primate, *Parapithecus grangeri*: New Insights Into the Evolutionary History of Primate Sensory Systems.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1083-1087.
- Bush, George, Brent A. Vogt, Jennifer Holmes, Anders M. Dale, Douglas Greve, Michael A. Jenike, & Bruce R. Rosen.** 2002. “Dorsal anterior cingulate cortex: A role in reward-based decision making.” *Proceedings of the National Academy of Sciences* **99** (8 January): 523-528.
- Bush, Jeffrey O., & Rulang Jiang.** 2012. “Palatogenesis: morphogenetic and molecular mechanisms of secondary palate development.” *Development (AKA Journal of Embryology and Experimental Morphology)* **139** (15 January): 231-243.
- Bush, John W. M.** 2010. “Quantum mechanics writ large.” *Proceedings of the National Academy of Sciences* **107** (12 October): 17455-17456.
- Bush, Robin M., Catherine A. Benda, Kanta Subbarao, Nancy J. Cox, & Walter M. Fitch.** 1999. “Predicting the Evolution of Human Influenza A.” *Science* **286** (3 December): 1921-1925.
- Bushbeck, Elke, Birgit Ehmer, & Ron Hoy.** 1999. “Chunk Versus Point Sampling: Visual Imaging in a Small Insect.” *Science* **286** (5 November): 1178-1180.
- Bushman, Richard Lyman, with Jed Woodward.** 2005. *Joseph Smith: Rough Stone Rolling*. New York: Alfred A. Knopf.
- Bushuev, Evgeny, Irina Goryaeva, & Vadim Pereladov.** 2014. “New discoveries of the oldest trilobites *Profallotaspis* and *Nevadella* in the northeastern Siberian Platform, Russia.” *Czech Geological Survey Bulletin of Geosciences* **89** (2): 347-364.
- Buskirk, Allen R., & Rachel Green.** 2013. “Getting Past Polypropylene Pauses.” *Science* **339** (4 January): 38-39.
- Buskirk, Sean W., Ryan Emily Peace, & Gregory I. Lang.** 2017. “Hitchhiking and epistasis give rise to cohort dynamics in adapting populations.” *Proceedings of the National Academy of Sciences* **114** (1 August): 8330-8335.
- Buss, Claudia, Elysia Poggi Davis, Babak Shahbaba, Jens C. Pruessner, Kevin Head, & Curt A. Sandman.** 2012. “Maternal cortisol over the course of pregnancy and subsequent child amygdala and hippocampus volumes and affective problems.” *Proceedings of the National Academy of Sciences* **109** (15 May): E1312-E1319.
- Buss, Craig C., Thomas G. Lammers, & Robert R. Wise.** 2001. “Seed Coat Morphology and its systematic implications in *Cyanea* and other genera of Lobelioideae (Campanulaceae).” *American Journal of Botany* **88** (July): 1301-1308.
- Buss, David M., ed.** 2005. *The Handbook of Evolutionary Psychology*. Chichester, UK: John Wiley & Sons.
- . 2006. “The evolutionary genetics of personality: Does mutation load signal relationship load?” *Behavioral and Brain Sciences* **29** (August): 409.
- . 2009. “How Can Evolutionary Psychology Successfully Explain Personality and Individual Differences?” *Perspectives on Psychological Science* **4** (July): 359-366.
- . 2011. “Domains of deception.” *Behavioral and Brain Sciences* **34** (1): 18.
- Buss, David M., Cari Goetz, Joshua D. Duntley, Kelly Asao, & Daniel Conroy-Beam.** 2017. “The mate switching hypothesis.” *Personality and Individual Differences* **104** (January): 143-149.
- Buss, David M., Martie G. Haselton, Todd K. Shackelford, April L. Bleske, & Jerome C. Wakefield.** 1998. “Adaptations, Exaptations, and Spandrels.” *American Psychologist* **53**

- (May): 533-548.
- Buss, Leo W.** 1999. "Slime molds, ascidians, and the utility of evolutionary theory." *Proceedings of the National Academy of Sciences* **96** (3 August): 8801-8803.
- Buss, Leo W., & Adolf Seilacher.** 1994. "The Phylum Vendobionta: a sister group of the Eumetazoa?" *Paleobiology* **20** (Winter): 1-4.
- Bussard, Adrien, & Pascal Jean Lopez.** 2014. "Evolution of Vacuolar Pyrophosphatases and Vacuolar H⁺-ATPases in Diatoms." *Journal of Marine Science and Technology* (Taiwan) **22** (February): 50-59.
- Bussey, Kimberly J., Luis H. Cisneros, Charles H. Lineweaver, & Paul C. W. Davies.** 2017. "Ancestral gene regulatory networks drive cancer." *Proceedings of the National Academy of Sciences* **114** (13 June): 6160-6162.
- Bustamante, Carlos D., Adi Fledel-Alon, Scott Williamson, Rasmus Nielsen, Melissa Todd Hubisz, Stephen Glanowski, David M. Tanenbaum, Thomas J. White, John J. Sninsky, Ryan D. Hernandez, Daniel Civello, Mark D. Adams, Michele Cargill, & Andrew G. Clark.** 2005. "Natural selection on protein-coding genes in the human genome." *Nature* **437** (20 October): 1153-1157.
- Bustamante, Carlos D., & Brenna M. Henn.** 2010. "Shadows of early migrations." *Nature* **468** (23 December): 1044-1045.
- Bustin, Michael, & Tom Misteli.** 2016. "Nongenetic functions of the genome." *Science* **352** (6 May): aad6933.
- Butcher, Samuel E.** 2009. "The spliceosome as ribozyme hypothesis takes a second step." *Proceedings of the National Academy of Sciences* **106** (21 July): 12211-12212.
- Butcher, Andy.** 2000. "Incredible Creatures That Defy Evolution." *Christian Broadcasting Network* 14 December posting (online text at www.cbn.com accessed 6/5/2001).
- Butcher, Sarah J., Jonathan M. Grimes, Eugeny V. Makeyev, Dennis H. Bamford, & David I. Stuart.** 2001. "A mechanism for initiating RNA-dependent RNA polymerization." *Nature* **410** (8 March): 235-240.
- Butler, Ann B.** 1996. "Levels of organization and the evolution of isocortex." *Trends in Neuroscience* **19** (March): 89.
- Butler, Ann B., & Rodney M. J. Cotterill.** 2006. "Mammalian and Avian Neuroanatomy and the Question of Consciousness in Birds." *The Biological Bulletin* **211** (October): 106-127.
- Butler, Anthea.** 2010. "Beck Plus God Does Not Equal X." *Religion Dispatches* 1 September posting (online text at religiondispatches.org accessed 9/2/2010).
- . 2011a. "Palin's Persecution Complex Culminates with 'Blood Libel' Accusation." *Religion Dispatches* 12 January posting (online text at religiondispatches.org accessed 1/13/2011).
- . 2011b. "Beck Fuels End-Times Hysteria Over Egypt." *Religion Dispatches* 1 February posting (online text at religiondispatches.org accessed 2/2/2011).
- . 2011c. "The Sharks Circling Glenn Beck." *Religion Dispatches* 7 February posting (online text at religiondispatches.org accessed 2/8/2011).
- . 2011d. "Publisher Sues Televangelist Benny Hinn for 'Moral Turpitude'." *Religion Dispatches* 23 February posting (online text at religiondispatches.org accessed 2/26/2011).
- . 2011e. "Sarah Palin to Tour Israel, Christian-Style." *Religion Dispatches* 18 March (online text at religiondispatches.org accessed 3/22/2011).
- . 2011f. "Trump to Meet with Controversial Televangelist Today." *Religion Dispatches* 12 May (online text at religiondispatches.org accessed 5/20/2011).
- . 2011g. "Beck's Road to Jerusalem." *Religion Dispatches* 16 May (online text at religiondispatches.org accessed 5/20/2011).
- . 2011h. "Palin's Prayer Shield." *Religion Dispatches* 26 May (online text at religiondispatches.org accessed 5/27/2011).
- . 2011i. "Can't 'Truss' a White Conservative's Pledge." *Religion Dispatches* 8 July (online text at religiondispatches.org accessed 7/11/2011).
- . 2011j. "Beck Visits Israel, Promotes Self as Watchdog of Anti-Semitism." *Religion Dispatches* 11 July (online text at religiondispatches.org accessed 7/12/2011).

- . 2011k. “Whom Will She Wreck?: The Real Sarah Palin Question.” *Religion Dispatches* 5 September (online text at religiondispatches.org accessed 9/6/2011).
- . 2012a. “Sarah Palin: Obama Wants to Make White People Slaves.” *Religion Dispatches* 9 March (online text at religiondispatches.org accessed 3/12/2012).
- . 2012b. “On Holocaust Remembrance Day, Catholic ‘Liberal’ Hails Return of Anti-Semitic Group.” *Religion Dispatches* 19 April (online text at religiondispatches.org accessed 4/20/2012).
- . 2012c. “Chuck Colson, Watergate Felon and Evangelical Leader, Dies at 80.” *Religion Dispatches* 21 April (online text at religiondispatches.org accessed 4/23/2012).
- . 2012d. “NC Pastor Says Gays Should Be ‘Penned Up With a Fence’.” *Religion Dispatches* 22 May (online text at religiondispatches.org accessed 5/23/2012).
- . 2012e. “The Other Mormon Candidate.” *Religion Dispatches* 29 October (online text at religiondispatches.org accessed 11/3/2012).
- . 2012f. “Election Takeaway: Fake God Talk Doesn’t Cut It with Americans.” *Religion Dispatches* 7 November (online text at religiondispatches.org accessed 11/16/2012).
- . 2013. “Apocalyptic Christian Theology’s Role in Gov Shutdown.” *Religion Dispatches* 11 October posting (online text at religiondispatches.org accessed 10/29/2013).
- . 2014a. “200 Girls Still Missing, Victims of Nigeria’s Religious War.” *Religion Dispatches* 29 April posting (online text at religiondispatches.org accessed 5/16/2014).
- . 2014b. “Eight General Seminary Professors ‘Resign’ Without Their Knowledge.” *Religion Dispatches* 1 October posting (online text at religiondispatches.org accessed 10/1/2014).
- . 2015. “Pope Francis V. Kim Davis: A Vatican Games Of Thrones.” *Religion Dispatches* 2 October posting (online text at religiondispatches.org accessed 10/5/2014).
- Butler, Anthea, Edward J. Blum, Paul Harvey, Andre E. Johnson, & Joanna Brooks.** 2012. “Mitt’s Jesus, Barack’s Jesus, and Why Christ’s Color Matters.” *Religion Dispatches* 14 October posting (online text at religiondispatches.org accessed 10/21/2012).
- Butler, Aodhan.** 2015. “Fossil Focus: The place of small shelly fossils in the Cambrian explosion, and the origin of Animals.” *Palaeontology Online* 5 (July) Article 7 posting (online text at www.palaeontologyonline.com accessed 6/30/2015).
- Butler, Bill.** 2005a. “Evolution of the Colorado and its Tributaries Part 1—Introduction.” *Durango Bill’s Paleogeography (Historical Geology) Research* May article posting (online text at www.durangobill.com accessed 10/14/2008).
- . 2005b. “Evolution of the Colorado and its Tributaries Part 2—Late Cretaceous through the Eocene.” *Durango Bill’s Paleogeography (Historical Geology) Research* May article posting (online text at www.durangobill.com accessed 10/14/2008).
- . 2005c. “Evolution of the Colorado and its Tributaries Part 3—Oligocene until the Day Before the Event.” *Durango Bill’s Paleogeography (Historical Geology) Research* May article posting (online text at www.durangobill.com accessed 10/14/2008).
- . 2005d. “Evolution of the Colorado and its Tributaries Part 4—The day Before the Grand Canyon Event—A Tour Around the Flat Valley.” *Durango Bill’s Paleogeography (Historical Geology) Research* May article posting (online text at www.durangobill.com accessed 10/14/2008).
- . 2009. “Is ‘Steve J’ an Ignoramus?” *Durango Bill’s Debunking the Deniers of Global Warming* posting (online text at www.durangobill.com accessed 4/10/2010).
- Butler, Declan.** 2009. “Iranian ministers in plagiarism row.” *Nature* 461 (1 October): 578.
- Butler, Mack, Allen Farley, Rich Wingo, Will Ainsworth, Becky Nordgren, Mike Ball, Matt Fridy, Randy Wood, Mac McCutcheon, & Kerry Rich.** 2015. “HB592.” Alabama House of Representatives 30 April legislative posting (online pdf at alisondb.legislature.state.al.us accessed 5/8/2015).
- Butler, Mack, Arnold Mooney, Allen Farley, David Standridge, Barry Moore, Kerry Rich, Nathaniel Ledbetter, K. L. Brown, Rich Wingo, Dickie Drake, Steve Clouse, Lynn Greer, Victor Gaston, Joe Faust, Will Ainsworth, Isaac Whorton, Randy Wood, Margie Wilcox, Jim Patterson, Phillip Pettus, Mike Ball, Phil Williams, Matt Fridy, Kyle South, Allen Treadaway, David Sessions, April Weaver, Chris Blackshear, &**

- Randall Shedd.** 2017. “HJR78.” Alabama House of Representatives 23 February legislative posting (online pdf at alisondb.legislature.state.al.us accessed 3/12/2017).
- Butler, Marguerite A., Stanley A. Sawyer, & Jonathan B. Losos.** 2007. “Sexual dimorphism and adaptive radiation in *Anolis* lizards.” *Nature* **447** (10 May): 202-205.
- Butler, Percy M.** 2000. “Review of the early allotherian mammals.” *Acta Palaeontologica Polonica* **45** (4): 317-342.
- Butler, P. M., & W. A. Clemens.** 2001. “Dental morphology of the Jurassic holotherian mammal *Amphitherium*, with a discussion of the evolution of mammalian post-canine dental formulae.” *Palaeontology* **44** (February): 1-20.
- Butler, Richard J., Paul M. Barrett, & David J. Gower.** 2012. “Reassessment of the Evidence for Postcranial Skeletal Pneumaticity in Triassic Archosaurs, and the Early Evolution of the Avian Respiratory System.” *PLoS ONE* (online @ plosone.org) **7** (March): e34094.
- Butler, R. J., & A. Goswami.** 2008. “Body size evolution in Mesozoic birds: little evidence for Cope’s rule.” *Journal of Evolutionary Biology* **21** (November): 1673-1682.
- Butler, Richard J., Roger M. H. Smith, & David Norman.** 2007. “A primitive ornithischian dinosaur from the Late Triassic of South Africa, and the early evolution and diversification of Ornithischia.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 August): 2041-2046.
- Butler, Richard J., & Robert M. Sullivan.** 2009. “The phylogenetic position of the ornithischian dinosaur *Stenopelix valdensis* from the Lower Cretaceous of Germany and the early fossil record of Pachycephalosauria.” *Acta Palaeontologica Polonica* **54** (1): 21-34.
- Butler, Richard J., Paul Upchurch, & David Norman.** 2008. “The Phylogeny of the Ornithischian Dinosaurs.” *Journal of Systematic Palaeontology* **6** (March): 1-40.
- Butler, Robert W. H., Michael P. Coward, Gill M. Harwood, & Robert J. Knipe.** 1987. “Salt control on thrust geometry, structural style and gravitational collapse along the Himalayan Mountain Front in the Salt Range of Northern Pakistan,” in Lerche & O’Brian (1987, 339-418).
- Butler, Thomas Charles, Marc Benayoun, Edward Wallace, Wim van Drongelen, Nigel Goldenfeld, & Jack Cowan.** 2012. “Evolutionary constraints on visual cortex architecture from the dynamics of hallucinations.” *Proceedings of the National Academy of Sciences* **109** (10 January): 606-609.
- Butlin, R. K., & M. G. Ritchie.** 2009. “Genetics of speciation.” *Heredity* **102** (January): 1-3.
- Butlin, R. K., I. Schön, & K. Martens.** 1999. “Origin, age and diversity of clones.” *Journal of Evolutionary Biology* **12** (November): 1020-1022.
- Butt, Kyle.** 2002a. “The Census of David.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 9/24/2002).
- . 2002b. “Warmed-over Prophecy?” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 9/24/2002).
- . 2004a. “Evidence That Humans Lived With Dinosaurs.” *Apologetics Press* posting of *Discovery Magazine* 1 April article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004b. “Are There ‘Leftovers’ of Evolution?” *Apologetics Press* posting of *Discovery Magazine* 1 August article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004c. “Archaeology and the Old Testament.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 6/25/2015).
- . 2004d. “Archaeology and the New Testament.” *Apologetics Press* 1 October article posting (online text at www.apologeticspress.org accessed 6/25/2015).
- . 2007. “Cut Violent Passages Out of the Scriptures?” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 9/24/2002).
- . 2008. “Whale Evolution: Another Whopper.” *Reason & Revelation* **7** (February): 5, 8.
- . 2010a. “Were Dinosaur ‘Feathers’ Colored?” *Reason & Revelation* **9** (April) posting (online text at www.apologeticspress.org accessed 4/20/2012).
- . 2010b. “Big Bang Collides with Scientific Evidence.” *Reason & Revelation* **9** (April) posting (online text at www.apologeticspress.org accessed 4/20/2012).

- . 2010c. “Shubin’s Subtly Deceptive ‘Gill Arches’.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 6/8/2012).
- . 2011. “New Dinosaur, Same False Assumptions.” *Apologetics Press* 23 May posting (online text at www.apologeticspress.org accessed 11/16/2011).
- . 2012. “Science Can No Longer Stomach Dinosaurs-to-Birds Theory.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 11/1/2013).
- Butt, Kyle, & Eric Lyons.** 2005a. “Our Trip Out West.” *Apologetics Press* posting of *Discovery Magazine* 1 January article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2005b. “Natural Bridges National Monument.” *Apologetics Press* posting of *Discovery Magazine* 1 January article (online text at www.apologeticspress.org accessed 6/1/2012).
- Butt, Yousaf.** 2009. “Beyond the myth of the supernova-remnant origin of cosmic rays.” *Nature* **460** (6 August): 701-704.
- Butterfield, Natalie C., Vicki Metzis, Edwina McGlenn, Stephen J. Bruce, Brandon J. Wainwright, & Carol Wicking.** 2009. “Patched 1 is a crucial determinant of asymmetry and digit number in the vertebrate limb.” *Development (AKA Journal of Embryology and Experimental Morphology)* **136** (15 October): 3515-3524.
- Butterfield, Nicholas J.** 2000. “*Bangiomorpha pubescens* n. gen., n. sp.: implications for the evolution of sex, multicellularity, and the Mesoproterozoic/Neoproterozoic radiation of eukaryotes.” *Paleobiology* **26** (September): 386-404.
- . 2002. “*Leanchoilia* guts and the interpretation of three-dimensional structures in Burgess Shale-type fossils.” *Paleobiology* **28** (Winter): 155-171.
- . 2003. “Exceptional Fossil Preservation and the Cambrian Explosion.” *Integrative and Comparative Biology (AKA American Zoologist)* **43** (February): 166-177.
- . 2004. “A vaucheriacean alga from the middle Neoproterozoic of Spitsbergen: implications for the evolution of Proterozoic eukaryotes and the Cambrian explosion.” *Paleobiology* **30** (June): 231-252.
- . 2005. “Probable Proterozoic fungi.” *Paleobiology* **31** (January): 165-182.
- . 2006. “Hooking some stem-group ‘worms’: fossil lopotrochozoans in the Burgess Shale.” *BioEssays* **28** (December): 1161-1166.
- . 2008a. “An Early Cambrian Radula.” *Journal of Paleontology* **82** (May): 543-554.
- . 2008b. “The origins of multicellular life,” in Benton (2008a, 27-29).
- . 2009a. “Macroevolutionary turnover through the Ediacaran transition: ecological and biogeochemical implications.” *Geological Society, London, Special Publications* **326**: 55-66.
- . 2009b. “Modes of pre-Ediacaran multicellularity.” *Precambrian Research* **173** (September): 201-211.
- . 2011. “Terminal Developments in Ediacaran Embryology.” *Science* **334** (23 December): 1655-1656.
- . 2012. “Does cement-induced sulfate limitation account for Burgess Shale-type preservation?” *Proceedings of the National Academy of Sciences* **109** (10 July): E1901.
- . 2015. “The Neoproterozoic.” *Current Biology* **25** (5 October): R859-R863.
- Butterworth, Brian, Sashank Varma, & Diana Laurillard.** 2011. “Dyscalculia: From Brain to Education.” *Science* **332** (27 May): 1049-1053.
- Butti, Camilla, Chet C. Sherwood, Atiya Y. Hakeem, John M. Allman, & Patrick R. Hof.** 2009. “Total number and volume of Von Economo neurons in the cerebral cortex of cetaceans.” *The Journal of Comparative Neurology* **515** (10 July): 243-259.
- Button, David J., Emily J. Rayfield, & Paul M. Barrett.** 2014. “Cranial biomechanics underpins high sauropod diversity in resource-poor environments.” *Proceedings of the Royal Society of London B (Biological Sciences)* **281** (22 November): 20142114.
- Button, Katherine S., John P. A. Ionnidis, Claire Mokrysz, Brian A. Nosek, Jonathan Flint, Emma S. J. Robinson, & Marcus R. Munafò.** 2013. “Power failure: why small sample size undermines the reliability of neuroscience.” *Nature Reviews Neuroscience* **14** (May): 365-376.
- Button Valley Bugle.* 2011. “Lies, Damned Lies and Dennis Rehberg.” *The Button Valley Bugle*

- (Montana) 2 September posting (online text at buttonvalley.wordpress.com accessed 11/5/2011).
- Butts, Carter T.** 2016. “Why I know but don’t believe.” *Science* **354** (21 October): 286-287.
- Butts, Charlie.** 2012. “Study tries to scientifically link homosexuality to evolution.” San Antonio Bible-Based Science Association *Communiqué* (January 2013) reprint of 14 December *OneNewsNow.com* article (online text at www.sabbsa.org accessed 6/5/2014).
- Butts, Kelly A., Joanne Weinberg, Allan H. Young, & Anthony G. Phillips.** 2011. “Glucocorticoid receptors in the prefrontal cortex regulate stress-evoked dopamine efflux and aspects of executive function.” *Proceedings of the National Academy of Sciences* **108** (8 November): 18459-18464.
- Butts, Thomas, Peter W. H. Holland, & David E. K. Ferrier.** 2008. “The Urbilaterian Super-Hox cluster.” *Trends in Genetics* **24** (June): 259-262.
- . 2010. “Ancient homeobox gene loss and the evolution of the chordate brain and pharynx development: deductions from amphioxus gene expression.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 November): 3381-3389.
- Buxhoeveden, Daniel P., Andrew E. Switala, Emil Roy, Mark Litaker, & Manuel F. Casanova.** 2001. “Morphological differences between minicolumns in human and nonhuman primate cortex.” *American Journal of Physical Anthropology* **115** (August): 361-371.
- Buxton, Orfeu M., Sean W. Cain, Shawn P. O’Connor, James H. Porter, Jeanne F. Duffy, Wei Wang, Charles A. Czeisler, & Steven A. Shea.** 2012. “Adverse Metabolic Consequences in Humans of Prolonged Sleep Restriction Combined with Circadian Disruption.” *Science Translational Medicine* **4** (11 April): 129ra43.
- Byars, Sean G., Douglas Ewbank, Diddahally R. Govindaraju., & Stephen C. Stearns.** 2010. “Natural selection in a contemporary human population.” *Proceedings of the National Academy of Sciences* **107** (26 January, Supplement 1): 1787-1792.
- Bybee, Rodger W.** 2001. “Teaching about Evolution: Old Controversy, New Challenges.” *BioScience* **51** (April): 309-312.
- . 2002. “We Should Teach about Biological Evolution.” *BioScience* **52** (July): 616-618.
- Bybee, Roger.** 2011. “The Truth About Paul Ryan.” *The Progressive* (March): online text accessed 3/13/2011 (www.progressive.org).
- Byer, Robert L.** 2012. “American Physical Society Responds.” *The Wall Street Journal* posting 6 February: online text accessed 7/1/2012 (online.wsj.com).
- Byers, John, & Stacey Dunn.** 2012. “Bateman in Nature: Predation on Offspring Reduces the Potential for Sexual Selection.” *Science* **336** (9 November): 802-804.
- . 2013. “Response to Comments on ‘Bateman in Nature: Predation on Offspring Reduces the Potential for Sexual Selection’.” *Science* **340** (3 May): 549.
- Byers, Robert.** 2005. “Post-Flood Marsupial Migration Explained.” *Northwest Creation Network* June posting (online text at www.nwcreation.net accessed 7/26/2011).
- Byers, Stacia.** 2001. “Chemistry teacher resigns amid persecution.” *Creation Ministries International* posting (online text at creation.com accessed 1/24/2014).
- Bykerk-Kauffman, Ann, & Susanne U. Janecke.** 1987. “Late Cretaceous to early Tertiary ductile deformation: Catalina-Rincon metamorphic core complex, southeastern Arizona.” *Geology* **15** (May): 462-465.
- Byne, William.** 1994. “The Biological Evidence Challenged.” *Scientific American* **270** (May): 50-55.
- Byne, William, & Bruce Parsons.** 1993. “Human Sexual Orientation.” *Archives of General Psychiatry* **50** (March): 228-239.
- . 1994. “Theories of Sexual Orientation: A Reappraisal-Reply.” *Archives of General Psychiatry* **51** (May): 432.
- Byne, W., S. Tobet, L. A. Mattiace, M. S. Lasco, E. Kemether, M. A. Edgar, S. Morgello, M. S. Buchsbaum, & L. B. Jones.** 2001. “The interstitial nuclei of the human anterior hypothalamus: an investigation of variation with sex, sexual orientation, and HIV status.” *Hormones & Behavior* **40** (September): 86-92.

- Byrd, A. Dean.** 2008. "APA's New Pamphlet on Homosexuality De-emphasizes the Biological Argument, Supports a Client's Right to Self-Determination." *National Association for Research and Therapy of Homosexuality* 6 March posting (online text at *narth.com* accessed 10/16/2012).
- Byrd, R. C.** 1988. "Positive therapeutic effects of intercessory prayer in a coronary care unit population." *Southern Medical Journal* **81** (July): 826-829.
- Byrne, Bradley.** 2010. "Byrne says untrue attack about his faith is 'an affront to all believers'." *Byrne For Alabama* gubernatorial campaign website posting 4 May (online text at *byrneforallabama.com* accessed 5/12/2010).
- Byrne, James.** 2011. "Evolution and God." *FaithFreedom* posting of undated article (online text at *www.faithfreedom.org* accessed 8/18/2011).
- Byrne, Katharine, & Richard A. Nichols.** 1999. "*Culex pipiens* in London Underground tunnels: differentiation between surface and subterranean populations." *Heredity* **82** (January): 7-15.
- Byrne, Richard W., & Nadia Corp.** 2004. "Neocortex size predicts deception rate in primates." *Proceedings of the Royal Society of London B* (Biological Sciences) **271** (22 August): 1693-1699.
- Byrne, Robert T., Huw T. Jenkins, Daniel T. Peters, Fiona Whelan, James Stowell, Naveed Aziz, Pavel Kasatsky, Marina V. Rodnina, Eugene V. Koonin, Andrey L. Konevega, & Alfred A. Antson.** 2015. "Major reorientation of tRNA substrates defines specificity of dihyrouridine synthases." *Proceedings of the National Academy of Sciences* **112** (12 May): 6033-6037.
- Byrnes, Greg, & Andrew J. Spence.** 2011. "Ecological and biomechanical insights into the evolution of gliding in mammals." *Integrative and Comparative Biology* (AKA *American Zoologist*) **51** (December): 991-1001.
- Byrnes, Laura J., & Holger Sondermann.** 2011. "Structural basis for the nucleotide-dependent dimerization of the large G protein atlastin-1/SPG3A." *Proceedings of the National Academy of Sciences* **108** (8 February): 2216-2221.
- Bythell-Douglas, Rohan, Carl J. Rothfels, Dennis W. D. Stevenson, Sean W. Graham, Gane Ka-Shu Wong, David C. Nelson, & Tom Bennett.** 2017. "Evolution of strigolactone receptors by gradual neo-functionalization of KAI2 paralogues." *BMC Biology* (online @ *biomedcentral.com*) **15** (29 June): 52.

- Cabal, Ted.** 2003. “Why Exploring the Age of the Earth Controversy is a Bad Idea.” *International Journal of Frontier Magazine* **2** (Winter): 121-126.
- Caballero, Rodrigo, & Matthew Huber.** 2013. “State-dependent climate sensitivity in past warm climates and its implications for future climate projections.” *Proceedings of the National Academy of Sciences* **110** (27 August): 14162-14167.
- Cabanatuan, Michael.** 2011. “The rapture is still coming—new date: Oct. 21.” *San Francisco Chronicle* posting 23 May: online text accessed 5/23/2011 (www.sfgate.com).
- Cable, Steve.** 2007. “Life on Another Planet—Just Around the Corner?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2008. “Darwinist Arguments Against Intelligent Design Illogical and Misleading.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2009a. “Are We Significant in This Vast Universe?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2009b. “Theology vs. Science or Theology Plus Science?” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- . 2009c. “Apologetics and the Age of the Universe.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- Cabreira, Sergio Furtado, Alexander Wilhelm Armin Kellner, Sérgio Dias-da-Silva, Lúcio Roberto da Silva, Mario Bronzati, Júlio Cesar de Almeida Marsola, Rodrigo Temp Müller, Jonathas de Souza Bittencourt, Brunna Jul-Armando Batista, Tiago Raugust, Rodrigo Carrilho, André Brodt, & Max Cardoso Langer.** 2016. “A Unique Late Triassic Dinosauriform Assemblage Reveals Dinosaur Ancestral Anatomy and Diet.” *Current Biology* **26** (21 November): 3090-3095.
- Cáceres, Mario, Joel Lachuer, Matthew A. Zapala, John C. Redmond, Lili Kudo, Daniel H. Geschwind, David J. Lockhart, Todd M. Preuss, & Carolee Barlow.** 2003. “Elevated gene expression levels distinguish human from non-human primate brains.” *Proceedings of the National Academy of Sciences* **100** (28 October): 13030-13035.
- Cáceres, Mario, NISC Comparative Sequencing Program, & James W. Thomas.** 2006. “The Gene of Retroviral Origin Syncytin 1 is Specific to Hominoids and is Inactive in Old World Monkeys.” *Journal of Heredity* **97** (March/April): 100-106.
- Cachel, Susan.** 1981. “Plate tectonics and the problem of anthropoid origins.” *American Journal of Physical Anthropology Yearbook* **24** (Supplement S2): 139-172.
- Cacho, N. Ivalú, & David A. Baum.** 2012. “The Caribbean slipper spurge *Euphorbia tithymaloides*: the first example of a ring species in plants.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 September): 3377-3383.
- Cacho, N. Ivalú, & Sharon Y. Strauss.** 2014. “Occupation of bare habitats, an evolutionary precursor to soil specialization in plants.” *Proceedings of the National Academy of Sciences* **111** (2 October): 15132-15137.
- Cadieu, Edouard, Mark W. Neff, Pascale Quignon, Karl Walsh, Kevin Chase, Heidi G. Parker, Bridgett M. VonHoldt, Alison Rhue, Adam Boyko, Alexandra Byers, Aaron Wong, Dana S. Mosher, Abdel G. Elkhouloun, Tyrone C. Spady, Catherine André, K. Gordon Lark, Michelle Cargill, Carlos D. Bustamante, Robert K. Wayne, & Elaine A. Ostrander.** 2009. “Coat Variation in the Domestic Dog Is Governed by Variants in Three Genes.” *Science* **326** (2 October): 150-153.
- Cadotte, Marc W.** 2014. “Including distantly related taxa can bias phylogenetic tests.” *Proceedings of the National Academy of Sciences* **111** (4 February): E536.
- Caetano-Anollés, Gustavo.** 2002. “Tracing the evolution of RNA structure in ribosomes.” *Nucleic Acids Research* **30** (1 June): 2575-2587.
- Caetano-Anollés, Gustavo, Hee Shin Kim, & Jay E. Mittenthal.** 2007. “The origin of modern metabolic networks inferred from phylogenomic analysis of protein architecture.” *Proceedings of the National Academy of Sciences* **104** (29 May): 9358-9363.
- Caetano-Anollés, Gustavo, & Feng-Jie Sun.** 2014. “The natural history of transfer RNA and its interactions with the ribosome.” *Frontiers in Genetics* (online @ frontiersin.org) **5** (9 May): 127.

- Caetano-Anollés, Gustavo, Minglei Wang, Derek Caetano-Anollés, & Jay E. Mittenthal.** 2009. "The origin, evolution and structure of the protein world." *Biochemical Journal* **417** (February): 621-637.
- Caetano-Anollés, Kelsey, & Derek Caetano-Anollés.** 2013. "Structural Phylogenomics Reveals Gradual Evolutionary Replacement of Aniotic Chemistries by Protein Enzymes in Purine Metabolism." *PLoS ONE* (online @ plosone.org) **8** (March): e59300.
- Cafferty, Brian J., David M. Fialho, Jaheda Khanam, Ramanarayanan Krishnamurthy, & Nicholas V. Hud.** 2016. "Spontaneous formation and base pairing of plausible prebiotic nucleotides in water." *Nature Communications* (online @ nature.com) **7** (25 April): 11328.
- Cagan, C. L.** 2003. "Abusing Creationism: The Case Against Kitcher." R. L. Hymers Jr. website 17 August article posting (online text at www.rlhymersjr accessed 12/15/2013).
- Caggiano, Vittorio, Leonardo Fogassi, Giacomo Rizzolatti, Antonino Casile, Martin A. Giese, & Peter Thier.** 2012. "Mirror neurons encode the subjective value of an observed object." *Proceedings of the National Academy of Sciences* **109** (17 July): 11848-11853.
- Caggiano, Vittorio, Leonardo Fogassi, Giacomo Rizzolatti, Peter Thier, & Antonino Casile.** 2009. "Mirror Neurons Differentially Encode the Peripersonal and Extrapersonal Space of Monkeys." *Science* **324** (17 April): 403-406.
- Cahill, James A., Richard E. Green, Tara L. Fulton, Mathias Stiller, Flora Jay, Nikita Ovsyanikov, Rauf Salamzade, John St. John, Ian Stirling, Montgomery Slatkin, & Beth Shapiro.** 2013. "Genomic Evidence for Island Population Conversion Resolves Conflicting Theories of Polar Bear Evolution." *PLoS Genetics* (online @ plosgenetics.org) **9** (March): e1003345.
- Cahill, James F. Jr., Gordon G. McNickle, Joshua J. Haag, Eric G. Lamb, Samson M. Nyanumba, & Colleen Cassady St. Clair.** 2010. "Plants Integrate Information About Nutrients and Neighbors." *Science* **328** (25 June): 1657.
- Cahill, Larry.** 2014. "Fundamental sex differences in human brain architecture." *Proceedings of the National Academy of Sciences* **111** (14 January): 577-578.
- Cahoon-Metzger, Sharon M., Guoying Wang, & Sheryl A. Scott.** 2001. "Contribution of BDNF-Mediated Inhibition in Patterning Avian Skin Innervation." *Developmental Biology* **232** (1 April): 246-254.
- CAI.** 2011a. "Creation versus Evolution." *Christian Assemblies International* undated posting (online text at www.cai.org accessed 2/14/2011).
- . 2011a. "Prominent Believers of the National Israel Message." *Christian Assemblies International* undated posting (online text at www.cai.org accessed 2/14/2011).
- Cai, Chen-Yang, Margaret K. Thayer, Michael S. Engel, Alfred F. Newton, Jaime Ortega-Blanco, Bo Wang, Xiang-Dong Wang, & Di-Ying Huang.** 2014. "Early origin of parental care in Mesozoic carrion beetles." *Proceedings of the National Academy of Sciences* **111** (30 September): 14170-14174.
- Cai, Chunquan, Ouyan Shi, & Changhong Shen.** 2011. "Surgical Treatment of a Patient with Human Tail and Multiple Abnormalities of the Spinal Cord and Column." *Advances in Orthopedics* (online @ www.hindawi.com) **2011**: 153797.
- Cai, Denise J., Sarnoff A. Mednick, Elizabeth M. Harrison, Jennifer C. Kanady, & Sara C. Mednick.** 2009. "REM, not incubation, improves creativity by priming associative networks." *Proceedings of the National Academy of Sciences* **106** (23 June): 10130-10134.
- Cai, James J., & Dmitri A. Petrov.** 2010. "Relaxed Purifying Selection and Possibly High Rate of Adaptation in Primate Lineage-Specific Genes." *Genome Biology and Evolution* **2** (7 May): 393-409.
- Cai, Jing, Ruoping Zhao, Huifeng Jiang, & Wen Wang.** 2008. "De Novo Origination of a New Protein-Coding Gene in *Saccharomyces cerevisiae*." *Genetics* **179** (May): 487-496.
- Cai, Kai, Ronnie O. Frederick, Jin Hae Kim, Nichole M. Reinen, Marco Tonelli, & John L. Markley.** 2013. "Human Mitochondrial Chaperone (mtHSP70) and Cysteine Desulfurase (NFS1) Bind Preferentially to the Disordered Conformation, Whereas Co-chaperone (HSC20) Binds to the Structured Conformation of the Iron-Sulfur Cluster Scaffold Protein (ISCU)." *The Journal of Biological Chemistry* **288** (4 October): 28755-28770.

- Cai, Mian, & Luying Xun.** 2002. "Organization and Regulation of Pentachlorophenol-Degrading Genes in *Sphingobium chlorophenolicum* ATCC 39723." *Journal of Bacteriology* **184** (September, No. 17): 4672-4680.
- Cai, Qing, Lise Van der Haegen, & Marc Brysbaert.** 2013. "Complementary hemispheric specialization for language production and visuospatial attention." *Proceedings of the National Academy of Sciences* **110** (22 January): E322-E330.
- Cai, Shuhui, Guiyun Jin, Lisa Tauxe, Chenglong Deng, Huafeng Qin, Yongxin Pan, & Rixiang Zhu.** 2017. "Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field." *Proceedings of the National Academy of Sciences* **114** (3 January): 39-44.
- Cai, Wenju, Matthieu Lengaigne, Simon Borlace, Matthew Collins, Tim Cowan, Michael J. McPhaden, Axel Timmermann, Scott Power, Josephine Brown, Christophe Menkes, Arona Ngari, Emmanuel M. Vincent, & Matthew J. Widlansky.** 2012. "More extreme swings of the South Pacific convergence zone due to greenhouse warming." *Nature* **488** (16 August): 365-369.
- Cai, Wenju, Agus Santoso, Guojian Wang, Evan Weller, Lixin Wu, Karumuri Ashok, Yukio Masumoto, & Toshio Yamagata.** 2014. "Increased frequency of extreme Indian Ocean Dipole events due to greenhouse warming." *Nature* **510** (12 June): 254-258.
- Cai, Xinjiang, & David E. Clapham.** 2012. "Ancestral Ca²⁺ Signaling Machinery in Early Animal and Fungal Evolution." *Molecular Biology and Evolution* **29** (January): 91-100.
- Cai, Yanjun, Inez Y. Fung, R. Lawrence Edwards, Zhisheng An, Hai Cheng, Jung-Eun Lee, Liangcheng Tan, Chuan-Chou Shen, Xianfeng Wang, Jesse A. Day, Weijian Zhou, Megan J. Kelly, & John C. H. Chiang.** 2015. "Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y." *Proceedings of the National Academy of Sciences* **112** (10 March): 2954-2959.
- Cailleau, Aurélie, Pierre-Olivier Cheptou, & Thomas Lenormand.** 2010. "Ploidy and the Evolution of Endosperm of Flowering Plants." *Genetics* **184** (February): 439-453.
- Caillon, Nicolas, Jeffrey P. Severinghaus, Jean Jouzel, Jean-Marc Barnola, Jiancheng Kang, & Volodya Y. Lipenkov.** 2003. "Timing of Atmospheric CO₂ and Antarctic Temperature Changes Across Termination III." *Science* **299** (14 March): 1728-1731.
- Cain, Herman.** 2010. "An example for America: The perfect conservative." *WorldNetDaily* posting 20 December (online text at *wnd.com* accessed 1/22/2011).
- . 2011a. "Herman Cain and the 9-9-9 Plan will defeat Barack Obama." *Townhall Daily* for 25 October (online text via *townhall.com* accessed 10/25/2011).
- . 2011b. "It Takes More Than Hope." *Townhall Daily* for 2 December (online text via *townhall.com* accessed 12/2/2011).
- Cain, Joseph Allen.** 1988. "Creationism and Mammal Origins." *Journal of Geological Education* **36**: 94-105.
- Cain, Joe, & Michael Ruse,** eds. 2009. *Descended from Darwin: Insights into the History of Evolutionary Studies, 1900-1970*. Philadelphia: American Philosophical Society.
- Cairns, John, & Patricia L. Foster.** 2003. "The Risk of Lethals for Hypermutating Bacteria in Stationary Phase." *Genetics* **165** (December): 2317-2318.
- Cairns, John, Julie Overbaugh, & Stephan Miller.** 1988. "The origin of mutants." *Nature* **335** (8 September): 142-145.
- Cairns-Smith, A. G.** 1985. *Seven Clues to the Origin of Life: A Scientific Detective Story*. Cambridge: Cambridge University Press.
- Calabrese, Ana, & Sarah M. N. Woolley.** 2015. "Coding principles of the canonical cortical microcircuit in the avian brain." *Proceedings of the National Academy of Sciences* **112** (17 March): 3517-3522.
- Calabresi, Paolo, & Massimiliano Di Filippo.** 2010. "Brain's traffic lights." *Nature* **466** (22 July): 449.
- Calarco, John A., Yi Xing, Mario Cáceres, Joseph P. Calarco, Xinshu Xiao, Qun Pan, Christopher Lee, Todd M. Preuss, & Benjamin J. Blencowe.** 2007. "Global analysis of alternative splicing differences between humans and chimpanzees." *Genes & Development*

- 21 (15 November): 2963-2975.
- Calcagno, J. M.** 1986. "Dental Reduction in Post-Pleistocene Nubia." *American Journal of Physical Anthropology* **70** (July): 349-363.
- Calcagno, J. M., & Kathleen R. Gibson.** 1988. "Human Dental Reduction: Natural Selection or the Probably Mutation Effect." *American Journal of Physical Anthropology* **77** (December): 505-517.
- Caldecott, Keith W.** 2014. "Ribose—An Internal Threat to DNA." *Science* **343** (17 January): 260-261.
- Calder, W. John, Dusty Parker, Cody J. Stopka, Gonzalo Jiménez-Moreno, & Bryan N. Shuman.** 2015. "Medieval warming initiated exceptionally large wildfire outbreaks in the Rocky Mountains." *Proceedings of the National Academy of Sciences* **112** (27 October): 13261-13266.
- Calderone, Christopher T., & David R. Liu.** 2004. "Nucleic-acid-templated synthesis as a model system for ancient translation." *Current Opinion in Chemical Biology* **8** (December): 645-653.
- Caldwell, Christine A.** 2008. "Convergent cultural evolution may explain linguistic reversals." *Behavioral and Brain Sciences* **31** (5): 515-516.
- Caldwell, Christopher.** 2012. "Europe's Other Crisis." *The New Republic* 4 May posting; online text accessed 5/19/2012 (tnr.com).
- Caldwell, Duane.** 2016. "Refining the Questions for Question Evolution Day." *The Creation Club* 27 February posting (online text at thecreationclub.com accessed 3/1/2016).
- Caldwell, Larry.** 2005. United States District Court of Eastern District of California 7 March complaint filing re: *Larry Caldwell v. Roseville Joint Union High School District* (online pdf via ncse.com accessed 2/4/2017).
- . 2007. "Bravo for Encouraging Discussion of Intelligent Design." *Discovery Institute Evolution News & Views* for 19 January (online text at evolutionnews.org accessed 12/28/2010).
- . 2008. "What Happens When You Challenge a School's Science Curriculum?" *Salvo Magazine* Winter issue 4 (online text at salvomag.com accessed 2/4/2017).
- Caldwell, Michael W., & Adriana M. Albino.** 2001. "Palaeoenvironment and palaeoecology of three Cretaceous snakes: *Pachyophis*, *Pachyrhachis*, and *Dinilysia*." *Acta Palaeontologica Polonica* **46** (2): 203-218.
- Caldwell, Michael W., & Michael S. Y. Lee.** 1997. "A snake with legs from the marine Cretaceous of the Middle East." *Nature* **386** (17 April): 705-709.
- Caldwell, Michael W., Randall L. Nydam, Alessandro Palci, & Sebastián Apesteguía.** 2015. "The oldest known snakes from the Middle Jurassic-Lower Cretaceous provide insights on snake evolution." *Nature Communications* (online @ nature.com) **6** (27 January): 5996.
- Caldwell, Robert R., & Mark Kamionkowski.** 2001. "Echoes from the Big Bang." *Scientific American* **284** (January): 38-43.
- Caldwell, Shane J., & Albert M. Berghuis.** 2012. "Small-angle X-ray scattering analysis of the bifunctional antibiotic resistance enzyme aminoglycoside (6') acetyltransferase-Ie/aminoglycoside (2'') phosphotransferase-Ia reveals a rigid solution structure." *Antimicrobial Agents and Chemotherapy* **56** (April): 1899-1906.
- Calede, Jonathan Jean-Michel.** 2014. "Skeletal Morphology of *Palaeocastor peninsulatus* (Rodentia, Castoridae) from the Fort Logan Formation of Montana (early Arikareean): Ontogenetic and Paleoecological Interpretations." *Journal of Mammalian Evolution* **21** (June): 223-241.
- Caley, Thibaut, Jacques Giraudeau, Bruno Malaize, Linda Rossignol, & Catherine Pierre.** 2012. "Agulhas leakage as a key process in the modes of Quaternary climate changes." *Proceedings of the National Academy of Sciences* **109** (1 May): 6835-6839.
- Calfee, Carolyn S., & Michael A. Matthey.** 2010. "Mitochondrial revolt." *Nature* **464** (4 March): 41-42.
- Califice, Sophie, Denis Baurain, Marc Hanikenne, & Patrick Motte.** 2012. "A Single Ancient Origin for Prototypical Serine/Arginine-Rich Splicing Factors." *Plant Physiology* **158**

- (February): 546-560.
- Calin, George Adrian, Calin Dan Dumitru, Masayoshi Shimizu, Roberta Bichi, Simona Zupo, Evan Noch, Hansjuerg Aldler, Sashi Rattan, Michael Keating, Kanti Rai, Laura Rassenti, Thomas Kipps, Massimo Negrini, Florencia Bullrich, & Carlo M. Croce.** 2002. "Frequent deletions and down-regulation of micro-RNA genes *miR15* and *miR16* at 13q14 in chronic lymphocytic leukemia." *Proceedings of the National Academy of Sciences* **99** (26 November): 15524-15529.
- Calin, George Adrian, Cinzia Sevignani, Calin Dan Dumitru, Terry Hyslop, Sai Yendamuri, Masayoshi Shimizu, Sashi Rattan, Florencia Bullrich, Massimo Negrini, & Carlo M. Croce.** 2004. "Human microRNA genes are frequently located at fragile sites and genomic regions involved in cancers." *Proceedings of the National Academy of Sciences* **101** (2 March): 2999-3004.
- Call, Josep.** 2010. "Do apes know that they could be wrong?" *Animal Cognition* **13** (September): 689-700.
- Call, Josep, & Malinda Carpenter.** 2009. "Monkeys Like Mimics." *Science* **325** (14 August): 824-825.
- Call, Josep, & Michael Tomasello.** 2008. "Does the chimpanzee have a theory of mind? 30 years later." *Trends in Cognitive Sciences* **12** (May): 187-192.
- Callaerts, P., A. M. Munoz-Marmol, S. Glardon, E. Castillo, H. Sun, W.-H. Li, W. J. Gehring, & E. Salo.** 1999. "Isolation and expression of a *Pax-6* gene in the regenerating and intact Planarian *Dugesia(G)tigrina*." *Proceedings of the National Academy of Sciences* **96** (19 January): 558-563.
- Callahan, Benjamin, Mukund Thattai, & Boris I. Shraiman.** 2009. "Emergent gene order in a model of modular polyketide synthases." *Proceedings of the National Academy of Sciences* **106** (17 November): 19410-19415.
- Callahan, Michael P., Karen E. Smith, H. James Cleaves II, Josef Ruzicka, Jennifer C. Stern, Daniel P. Glavin, Christopher H. House, & Jason P. Dworkin.** 2011. "Carbonaceous meteorites contain a wide range of extraterrestrial nucleobases." *Proceedings of the National Academy of Sciences* **108** (23 August): 13995-13998.
- Callan, Mitchell J., John H. Ellard, & Jennifer E. Nicol.** 2006. "The Belief in a Just World and Immanent Justice Reasoning in Adults." *Personality and Social Psychology Bulletin* **32** (December): 1646-1658.
- Callaway, Ewen.** 2010a. "'Grandmother hypothesis' takes a hit." *Nature News* (24 August) posting (online text at *nature.com* accessed 7/9/2015).
- . 2010b. "A distant cousin raises questions about human origins." *Nature* **468** (23 December): 1012.
- . 2011a. "Europeans never had Neanderthal neighbours." *Nature News* (9 May) posting (online text at *nature.com* accessed 8/21/2014).
- . 2011b. "'Language gene' speeds learning." *Nature News* (18 November) posting (online text at *nature.com* accessed 11/20/2011).
- . 2012a. "Iceman's DNA reveals health risks and relations." *Nature News* (28 February) posting (online text at *nature.com* accessed 7/29/2014).
- . 2012b. "Date with history." *Nature* **485** (3 May): 27-29.
- . 2012c. "Human brain shaped by duplicate genes." *Nature News* (3 May) posting (online text at *nature.com* accessed 5/5/2012).
- . 2012d. "The lost appetites." *Nature* **486** (21 June): S16-S17.
- . 2013a. "Dog genetics spur scientific spat." *Nature* **498** (20 June): 282-283.
- . 2013b. "Hominin DNA baffles experts." *Nature* **504** (5 December): 16-17.
- . 2014a. "Ancient genome stirs ethics debate." *Nature News* (13 February) posting (online text at *nature.com* accessed 2/14/2014).
- . 2014b. "The Neanderthal in the family." *Nature* **507** (27 March): 414-416.
- . 2014c. "Epigenomics starts to make its mark." *Nature* **508** (3 April): 22.
- . 2014d. "First life with 'alien' DNA." *Nature News* (7 May) posting (online text at *nature.com* accessed 5/23/2014).

- . 2014e. “Starvation in pregnant mice marks offspring DNA.” *Nature News* (10 July) posting (online text at *nature.com* accessed 1/4/2016).
- . 2014f. “Oldest-known human genome sequenced.” *Nature* **514** (23 October): 413.
- . 2014g. “Tales of the hobbit.” *Nature* **514** (23 October): 422-426.
- . 2014h. “Rival species recast significance of ‘first bird’.” *Nature* **516** (4 December): 18-19.
- . 2015a. “Monkeys seem to recognize their reflections.” *Nature News* (9 January) posting (online text at *nature.com* accessed 1/13/2015).
- . 2015b. “Neanderthals gain human neighbour.” *Nature* **517** (29 January): 541.
- . 2015c. “Language origin debate rekindled.” *Nature* **518** (19 February): 284-285.
- . 2015d. “DNA clock proves tough to set.” *Nature* **519** (12 March): 139-140.
- . 2015e. “Oldest stone tools raise questions about their creators.” *Nature* **520** (23 April): 421.
- . 2015f. “Mammoth genomes provide recipe for creating Arctic elephants.” *Nature* **521** (7 May): 18-19.
- . 2015g. “New species of early human discovered near fossil of ‘Lucy’.” *Nature News* (28 May) updated posting (online text at *nature.com* accessed 6/4/2015).
- . 2015h. “DNA deluge reveals Bronze Age secrets.” *Nature* **522** (11 June): 140-141.
- . 2015i. “Genome results rekindle legal row.” *Nature* **522** (25 June): 404-405.
- . 2015j. “Neanderthals had outsize effect on human biology.” *Nature* **523** (30 July): 512-513.
- . 2015k. “Ancient DNA from hot climes yields its secrets.” *Nature* **526** (15 October): 303.
- . 2016a. “Hobbit relatives hint at family tree.” *Nature* **534** (9 June): 164-165.
- . 2016b. “Plant and animal DNA suggests first Americans took the coastal route.” *Nature* **536** (11 August): 138.
- . 2016c. “Elephant history rewritten by ancient genomes.” *Nature News* (16 September) posting (online text at *nature.com* accessed 9/17/2016).
- . 2016d. “‘Minimal’ cell raises stakes in race to harness synthetic life.” *Nature* **531** (31 March): 557-558.
- . 2016e. “Ancient genome delivers ‘Spirit Cave Mummy’ to US tribe.” *Nature* **540** (8 December): 178-179.
- . 2017a. “Neanderthal tooth plaque hints at meals—and kisses.” *Nature* **543** (9 March): 163.
- . 2017b. “Bronze Age ‘Beaker folk’ invaded Britain.” *Nature* **545** (18 May): 276-277.
- . 2017c. “The trickiest family tree in biology.” *Nature* **547** (6 July): 20-22.
- . 2017d. “Ancient genomes expose Africa’s past.” *Nature* **547** (13 July): 149.
- Callaway, Jack M., & Elizabeth L. Nicholls**, eds. 1997. *Ancient Marine Reptiles*. San Diego, CA: Academic Press.
- Callejo, Ainhoa, Aphrodite Biloni, Emanuela Mollica, Nicole Gorfinkiel, Germán Andrés, Carmen Ibáñez, Carlos Torroja, Laura Doglio, Javier Sierra, & Isabel Guerrero**. 2011. “Dispatched mediates Hedgehog basolateral release to form the long-range morphogenetic gradient in the *Drosophila* wing disk epithelium.” *Proceedings of the National Academy of Sciences* **108** (2 August): 12591-12598.
- Callicott, Joseph H., Richard E. Straub, Lukas Pezawas, Michael F. Egan, Venkata S. Mattay, Ahmad R. Hariri, Beth A. Verchinski, Andreas Meyer-Lindenberg, Rishi Balkissoon, Bhaskar Kolachana, Terry E. Goldberg, & Daniel R. Weinberger**. 2005. “Variation in DISC1 affects hippocampal structure and increases risk for schizophrenia.” *Proceedings of the National Academy of Sciences* **102** (14 June): 8627-8632.
- Callier, Viviane**. 2014. “Creationism conference at large U.S. research university stirs unease.” *ScienceInsider* posting 27 October (online text at *news.sciencemag.org* accessed 10/27/2014).
- Callier, Viviane, Jennifer A. Clack, & Per E. Ahlberg**. 2009. “Contrasting Developmental Trajectories in the Earliest Known Tetrapod Forelimbs.” *Science* **324** (17 April): 364-367.

- Callimachi, Rukmimi.** 2015. "ISIS Enshrines a Theology of Rape." *The New York Times* posting 13 August; online text accessed 8/30/2015 (www.nytimes.com).
- Callow, Richard H. T., & Martin D. Brasier.** 2009. "A solution to Darwin's dilemma of 1859: exceptional preservation in Salter's material from the late Ediacaran Longmyndian Supergroup, England." *Journal of the Geological Society, London* **166** (January): 1-4.
- Calsbeek, Ryan.** 2008. "An ecological twist on the morphology-performance-fitness axis." *Evolutionary Ecology Research* **10** (2): 197-212.
- Calsbeek, Ryan, & Thomas B. Smith.** 2007. "Experimentally Replicated Disruptive Selection on Performance Traits in a Caribbean Lizard." *Evolution* **62** (February): 478-484.
- Calvert, Andrew J.** 1996. "Seismic reflection constraints on imbrication and underplating of the northern Cascadia convergent margin." *Canadian Journal of Earth Sciences* **33** (September): 1294-1307.
- . 2004. "Seismic reflection imaging of two megathrust shear zones in the northern Cascadia subduction zone." *Nature* **428** (11 March): 163-167.
- Calvert, John H.** 2000. "Remarks Made to the Kansas State Board of Education on December 12, 2000." Kansas *Intelligent Design Network* posting (online text at intelligentdesignnetwork.org accessed 1/8/2002).
- . 2001a. "Remarks of John H. Calvert, J.D. to the Standards Committee of the Ohio State Board of Education January 13, 2001." *Access Research Network* posting (online text at www.arn.org accessed 3/7/2002).
- . 2001b. "Intelligent Design Network's John Calvert on creationism vs. evolution in schools." *Access Research Network* posting of CNN interview (13 February) transcript (online text at www.arn.org accessed 2/26/2002).
- . 2001c. "Legal Opinion Regarding the Teaching of Origins in Public Schools." Kansas *Intelligent Design Network* posting of 21 March (online text at intelligentdesignnetwork.org accessed 6/18/2001).
- . 2005. "Should Public Schools Suppress Scientific Controversies over Core Claims of Evolution?" Handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- . 2006. "The Key Deception." Kansas *Intelligent Design Network* posting of 19 October article (online text at intelligentdesignnetwork.org accessed 1/26/2014).
- . 2009. "Kitzmiller's error: Use of an exclusive rather than inclusive definition of religion." Kansas *Intelligent Design Network* posting of 6 February Liberty University School of Law article (online text at intelligentdesignnetwork.org accessed 2/1/2014).
- Calvert, John H., William S. Harris, & Jody F. Sjogren.** 2000. "A Rebuttal to 'Intelligent Design the New Stealth Creationism'." Kansas *Intelligent Design Network* posting of 22 September (online text at intelligentdesignnetwork.org accessed 1/8/2002).
- . 2001a. "IDnet Commentary and Proposed Revisions to Kansas Education Standards, Sixth Draft of Science Writing Team—December, 2000." *Access Research Network* posting (online text at www.arn.org accessed 2/26/2002).
- . 2001b. "Response to the Writing Committee: February 8, 2001." *Access Research Network* posting (online text at www.arn.org accessed 2/26/2002).
- Calvi, Brian R.** 2013. "Making big cells: One size does not fit all." *Proceedings of the National Academy of Sciences* **110** (11 June): 9621-9622.
- Calvillo, Dustin P., & Alan Penaloza.** 2009. "Are complex decisions better left to the unconscious? Further failed replications of the deliberation-without-attention effect." *Judgment and Decision Making* **4** (October): 509-517.
- Calvin, Lionel.** 2010. "On Giant Filter Feeders." *Science* **327** (19 February): 968-969.
- Calvin, William H.** 1991. *How the Shaman Stole the Moon: In Search of Ancient Prophet-Scientists From Stonehenge to the Grand Canyon*. New York: Bantam Books.
- . 1994. "The Emergence of Intelligence." *Scientific American* **271** (October): 100-107.
- Calvo, Jorge, Juan Porfiri, Bernardo González Riga, & Domenica Dos Santos,** eds. 2011. *Paleontología y Dinosaurios desde América Latina*. Mendoza, Argentina: Universidad Nacional de Cuyo.

- Calvo, Sarah E., David J. Pagliarini, & Vamsi K. Mootha.** 2009. "Upstream open reading frames cause widespread reduction of protein expression and are polymorphic among humans." *Proceedings of the National Academy of Sciences* **106** (5 May): 7507-7512.
- Camacho, Alfredo, James K. W. Lee, Bastiaan J. Hensen, & Jean Braun.** 2005. "Short-lived orogenic cycles and the eclogitization of cold crust by spasmodic hot fluids." *Nature* **435** (30 June): 1191-1196.
- . 2006. "Hot fluids or rock in eclogite metamorphism? (Reply)." *Nature* **440** (16 March): E4-E5.
- Camazine, Scott.** 2003. "Patterns in Nature." *Natural History* **112** (June): 34-41.
- Cambias.** 2006. "An Evening With Judge Jones." *Science Made Cool* 28 April posting (online text at www.sciencemadecool.com accessed 6/6/2006).
- Cambra, Ines, Francisco J. Garcia, & Manuel Martinez.** 2010. "Clad CD of cysteine peptidases as an example of evolutionary divergences in related protein families across plant clades." *Gene* **449** (January): 59-69.
- Camerer, Colin F.** 2003. "Strategizing in the Brain." *Science* **300** (13 June): 1673-1675.
- . 2010. "Removing financial incentives demotivates the brain." *Proceedings of the National Academy of Sciences* **107** (7 December): 20849-20850.
- Cameron, Andrew Collier.** 2012. "Astrophysical false positives." *Nature* **492** (6 December): 48-50.
- Cameron, Christopher B.** 2002a. "The Anatomy, Life Habits, and Later Development of a New Species of Enteropneust, *Harrimania planktophilus* (Hemichordata: Harrimaniidae) From Barkley Sound." *The Biological Bulletin* **202** (April): 182-191.
- . 2002b. "Particle Retention and Flow in the Pharynx of the Enteropneust Worm *Harrimania planktophilus*: The Filter-Feeding Pharynx May Have Evolved Before the Chordates." *The Biological Bulletin* **202** (April): 192-200.
- Cameron, Chris B., James R. Garey, & Billie J. Swalla.** 2000. "Evolution of the chordate body plan: New insights from phylogenetic analyses of deuterostome phyla." *Proceedings of the National Academy of Sciences* **97** (25 April): 4469-4474.
- Cameron, Elissa S., & Johan T. du Toit.** 2007. "Winning by a neck: tall giraffes avoid competing with shorter browsers." *The American Naturalist* **169** (January): 130-135.
- Cameron, Ian.** 1966. *Lodestone and Evening Star: The Epic Voyages of Discovery 1493 B.C. - 1896 A.D.* New York: Dutton.
- Cameron, Kirk.** 2008. *Still Growing: An Autobiography.* Ventura, CA: Regal Books.
- . 2013. "Good Designs Gone Bad." *Kirk Cameron* 8 August posting (online text at kirkcameron.com accessed 12/15/2013).
- Cameron, L., N. Erkal, L. Gangadharan, & X. Meng.** 2013. "Little Emperors: Behavioral Impacts of China's One-Child Policy." *Science* **339** (22 February): 953-957.
- Cameron, R. Andrew, Gregory Mahairas, Jonathan P. Rast, Pedro Martinez, Ted R. Biondi, Steven Swartzell, James C. Wallace, Albert J. Proustka, Brian T. Livingston, Gregory A. Wray, Charles A. Etensohn, Hans Lehrach, Roy J. Britten, Eric H. Davidson, & Leroy Hood.** 2000. "A sea urchin genome project: Sequence scan, virtual map, and additional resources." *Proceedings of the National Academy of Sciences* **97** (15 August): 9514-9518.
- Cameron, S. F., M. L. Wynn, & R. S. Wilson.** 2013. "Sex-specific trade-offs and compensatory mechanisms: bite force and sprint speed pose conflicting demands on the design of geckos (*Hemidactylus frenatus*)." *The Journal of Experimental Biology* **216** (15 October): 3781-3789.
- Cameron, Stephen L., Jaron Sullivan, Hojun Song, Kelly B. Miller, & Michael F. Whiting.** 2009. "A mitochondrial genome phylogeny of the Neuropterida (lace-wings, alderflies and snakeflies) and their relationship to the other holometabolous insect orders." *The Norwegian Academy of Science and Letters Zoologica Scripta* **38** (November): 575-590.
- Cameron, Sydney A., Jeffrey D. Lozier, James P. Strange, Jonathan B. Koch, Nils Cordes, Leellen F. Solter, & Terry L. Griswold.** 2011. "Patterns of widespread decline in North American bumble bees." *Proceedings of the National Academy of Sciences* **108** (11

- January): 662-667.
- Cami, Jan, Jeronimo Bernard-Salas, Els Peeters, & Sarah Elizabeth Malek.** 2010. "Detection of C₆₀ and C₇₀ in a Young Planetary Nebula." *Science* **329** (3 September): 1180-1182.
- Caminiti, Roberto, Hassan Ghaziri, Ralf Galuske, Patrick R. Hof, & Giorgio M. Innocenti.** 2009. "Evolution amplified processing with temporally dispersed slow neuronal connectivity in primates." *Proceedings of the National Academy of Sciences* **106** (17 November): 19551-19556.
- Cammack, Charles.** 2012. "Origins Exhibit Provides Evidence Supporting Creationist Worldview." *Southern Adventist University* 10 April posting (online text at www.southern.edu accessed 1/1/2014).
- Cammarano, Piero, Roberta Creti, Anna M. Sanangelantoni, & Peter Palm.** 1999. "The Archaea Monophyly Issue: A Phylogeny of Translational Elongation Factor G(2) Sequences Inferred from an Optimized Selection of Alignment Positions." *Journal of Molecular Evolution* **49** (October): 524-537.
- Camp, Ashby.** 1994. *The Myth of Natural Origins: How Science Points to Divine Creation*. Tempe, AZ: Ktisis Publishing.
- . 1997. "Not by Chance! Shattering the Modern Theory of Evolution." *Creation Research Society Creation Matters* (July/August): online text at www.creationresearch.org accessed 3/27/2014.
- . 1998a. "The Overselling Of Whale Evolution." *Creation Research Society Creation Matters* (May/June) 10 July 2008 posting (online text at trueorigin.org accessed 7/10/2008).
- . 1998b. "Reappraising the 'Crown Jewel'." *Creation Research Society Creation Matters* (September/October): 1-5.
- . 2001. "A Critique of Douglas Theobald's '29 Evidences For Macroevolution'." *The True Origin Archive* posting (online text at trueorigin.org accessed 12/12/2011).
- . 2002. "Camp Answers Theobald." *The True Origin Archive* posting (online text at trueorigin.org accessed 12/12/2011).
- . 2011. "Ashby Camp's List of 1146 Articles Supporting Biblical Creation." *The True Origin Archive* posting updated 12 December (online text at trueorigin.org accessed 12/12/2011).
- Camp, Robert.** 2006. "The 'Grill the ID Guys' Event at Biola." *Reports of the National Center for Science Education* **26** (May-June): 4-6.
- Campanella, James J., John V. Smalley, & Maureen E. Dempsey.** 2014. "A phylogenetic examination of the primary anthocyanin production pathway of the Plantae." *Botanical Studies* (online @ as-botanicalstudies.com) **55** (July): 10.
- Campàs, O., R. Mallarino, A. Herrel, A. Abzhanov, & M. P. Brenner.** 2010. "Scaling and shear transformations capture beak shape variation in Darwin's finches." *Proceedings of the National Academy of Sciences* **107** (23 February): 3356-3360.
- Campbell, A. Malcolm, Even Eskew, Will Green, Hunter Hayes, Gaby Marranzini, Mike Nuttle, Shamita Punjabi, Ben Riffe, Kayla Swart, & Leland Taylor.** 2011. "Concern for Substrate Specificity Measurements in the MDR1 Gene." *Science* 26 October letter posting (online text at sciencemag.org accessed 8/27/2014)
- Campbell, Alison.** 2011a. "'Intelligent design is not creationism in any shape or form' – yeah, right!" *Sciblogs* 3 January posting (online text at sciblogs.co.nz accessed 10/9/2013).
- . 2011b. "Election time: Science Q@A - education." *BioBlog* 8 November posting (online text at sci.waikato.ac.nz accessed 1/14/2012).
- . 2011c. "What, exactly, do they teach?" *Sciblogs* 12 November posting (online text at sciblogs.co.nz accessed 1/14/2012).
- Campbell, C. S., R. C. Evans, D. R. Morgan, T. A. Dickinson, & M. Arsenault.** 2007. "Phylogeny of subtribe Pyrinae (formerly the Maloideae, Rosaceae): Limited resolution of a complex evolutionary history." *Plant Systematics and Evolution* **266** (July): 119-145.
- Campbell, Charlie.** 2007. "Analysis & Response to Zeitgeist." *Always Be Ready* posting (online

- text at www.alwaysbeready.com accessed 1/13/2011).
- . 2009. “Global Warming.” *Always Be Ready* posting (online text at www.alwaysbeready.com accessed 1/13/2011).
- . 2010. “Has the Bible Been Corrupted?” *Always Be Ready* posting (online text at www.alwaysbeready.com accessed 1/13/2011).
- . 2011. “Two Evidences for Noah’s Flood: Fossil Graveyards and Extrabiblical Accounts.” *Always Be Ready* 8 June posting (online text at www.alwaysbeready.com accessed 3/5/2016).
- . 2014. “Is There Evidence for the Exodus?” *Always Be Ready* posting (online text at www.alwaysbeready.com accessed 3/5/2016).
- . 2015a. “Are There Contradictions in the Gospels?” *Always Be Ready* posting (online text at www.alwaysbeready.com accessed 3/5/2016).
- . 2015b. “Bible Difficulties.” *Always Be Ready* posting (online text at www.alwaysbeready.com accessed 3/5/2016).
- Campbell, D. C.** 2000. “Molecular evidence on the evolution of the Bivalvia.” *Geological Society, London, Special Publications* **177**: 31-46.
- Campbell, Damian.** 2011a. “37 Things You Should Hoard....” *Townhall Daily* for 18 August (online text via townhall.com accessed 8/20/2011).
- . 2011b. “37 Food Items You Can’t Get In The Coming Disaster And May Not Survive Without....” *Sold Out After Crisis* product website (online text via soldoutaftercrisis.com accessed 8/20/2011).
- . 2011c. “Controversial Video Exposes the Truth....” *Townhall Daily* for 17 November (online text via townhall.com accessed 11/17/2011).
- . 2012a. “Deadly Weapon from 1945 Rediscovered by China.” *Townhall Daily* for 18 April (online text via townhall.com accessed 4/18/2012).
- . 2012b. “Bad news.” *Townhall Daily* for 13 September (online text via townhall.com accessed 9/13/2012).
- . 2012c. “Bad news for your family.” *Townhall Daily* for 14 November (online text via townhall.com accessed 11/14/2012).
- Campbell, David.** 2009. *Paluxy River Field Trip Guidebook*. Presented at American Scientific Affiliation Meeting (online text at www.wheaton.edu accessed 1/7/2011).
- Campbell, David, Lyle D. Campbell, Chip Cates, Gregg Davidson, Keith Long, Richard F. Mercer, Kent Ratajeski, & Davis A. Young.** 2010. “PCA Geologists on the Antiquity of the Earth.” *Modern Reformation* 19 (May/June): online text accessed 5/14/2014 (www.modernreformation.org).
- Campbell, Dennis.** 2008. “Another loony theory from the wonderland of evolution.” *RenewAmerica* 16 January posting (online text at www.renewamerica.com accessed 8/12/2013).
- Campbell, E. K., M. Holz, D. Gerlich, & J. P. Maier.** 2015. “Laboratory confirmation of C₆₀⁺ as the carrier of two diffuse interstellar bands.” *Nature* **523** (16 July): 322-323.
- Campbell, George.** 1867. *The Reign of Law*. London: Strahan.
- Campbell, Gordon Linsay,** ed. 2014. *Oxford Handbook of Animals in Classical Thought and Life*. Oxford: Oxford University Press.
- Campbell, Hank.** 2013a. “Bruno Was A Martyr For Magic, Not Science.” *Science 2.0* 27 June posting (online text at www.science20.com accessed 3/25/2014).
- . 2013b. “If National Review Wants Scientists To Take Conservatives Seriously, Jettison The Discovery Institute.” *Science 2.0* 1 August posting (online text at www.science20.com accessed 10/12/2013).
- . 2014. “Cosmos: A Spacetime Odyssey – The Review.” *Science 2.0* 7 March posting (online text at www.science20.com accessed 3/25/2014).
- Campbell, Ian H., & Hugh St C. O’Neill.** 2012. “Evidences against a chondritic Earth.” *Nature* **483** (29 March): 553-5583.
- Campbell, John Angus.** 2003. “Why Are We Still Debating Darwinism? Why Not Teach the Controversy?” in Campbell & Meyer (2003, xi-xxxviii).

- . 2009. “The Rhetorical Structure of Darwin’s Origin of Species.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/27/2013).
- Campbell, John Angus, & Stephen C. Meyer**, eds. 2003. *Darwinism, Design, & Public Education*. East Lansing, MI: Michigan State University Press.
- . 2005. “How Should Schools Handle Evolution?” *USA Today* (26 August) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 5/26/2014).
- Campbell, Kenneth E.** 2008. “The manus of Archaeopterygians: implications for avian ancestry.” *Oryctos* 7: 13-26.
- Campbell, K. S. W.** 1977. “Trilobites of the Haragan, Bois D’Arc and Frisco Formations (Early Devonian) Arbuckle Mountains Region, Oklahoma.” *The University of Oklahoma Oklahoma Geological Survey Bulletin* 123.
- Campbell, Kenton S. W., & Richard E. Barwick.** 2006. “Morphological innovation through gene regulation: an example from Devonian Onychodontiform fish.” *International Journal of Developmental Biology* 50 (4): 371-375.
- Campbell, Kevin I., Jason E. E. Roberts, Laura N. Watson, Jörg Stetefeld, Angela M. Sloan, Anthony V. Signore, Jesse W. Howatt, Jeremy R. H. Tame, Nadin Rohland, Tong-Jian Shen, Jeremy J. Austin, Michael Hofreiter, Chien Ho, Roy E. Weber, & Alan Cooper.** 2010. “Substitutions in woolly mammoth hemoglobin confer biochemical properties adaptive for cold tolerance.” *Nature Genetics* 42 (June): 536-540.
- Campbell, Lahcen I., Omar Rota-Stabelli, Gregory D. Edgecombe, Trevor Marchioro, Stuart J. Longhorn, Maximilian J. Telford, Hervé Philippe, Lorena Rebecchi, Kevin J. Peterson, & Davide Pisani.** 2011. “MicroRNAs and phylogenomics resolve the relationships of Tardigrada and suggest that velvet worms are the sister group of Arthropoda.” *Proceedings of the National Academy of Sciences* 108 (20 September): 15920-15924.
- Campbell, MacGregor.** 2013. “Software beats CAPTCHA, the web’s ‘are you human?’ test.” *New Scientist* (28 October): online text accessed 12/11/2013 (newscientist.com).
- Campbell, Malcolm.** 2014. “Humans and squids evolved same eyes using same genes.” *The Conversation* 6 May posting (online text at theconversation.com accessed 5/23/2014).
- Campbell, Matthew A., James T. Van Leuven, Russell C. Meister, Kaitlin M. Carey, Chris Simon, & John P. McCutcheon.** 2015. “Genome expansion via lineage splitting and genome reduction in the cicada endosymbiont *Hodgkinid*.” *Proceedings of the National Academy of Sciences* 112 (18 August): 10192-10199.
- Campbell, Matthew W., & Frans B. M. de Waal.** 2011. “Ingroup-Outgroup Bias in Contagious Yawning by Chimpanzees Supports Link to Empathy.” *PLoS ONE* (online @ plosone.org) 6 (April): e18283.
- Campbell, Megan, & Barry Ganetzky.** 2012. “Extensive morphological divergence and rapid evolution of the larval neuromuscular junction in *Drosophila*.” *Proceedings of the National Academy of Sciences* 109 (13 March): E648-E655.
- Campbell, Stuart A., & André Kessler.** 2013. “Plant mating system transitions drive the macroevolution of defense strategies.” *Proceedings of the National Academy of Sciences* 106 (5 March): 3973-3978.
- Campbell, Tom, Daria Osipova, & Seppo Kähkönen.** 2006. “Finland’s Galapagos: Founder effect, drift, and isolation in the inheritance of susceptibility alleles.” *Behavioral and Brain Sciences* 29 (August): 409-410.
- Campbell-Meiklejohn, Daniel K., Ryota Kanai, Bahador Bahrami, Dominik R. Bach, Raymond J. Dolan, Andreas Røepstorff, & Chris D. Frith.** 2012. “Structure of orbitofrontal cortex predicts social influence.” *Current Biology* 22 (21 February): R123-R124.
- Camperio Ciani, Andrea, Paolo Cermelli, & Giovanni Zanzotto.** 2008. “Sexually Antagonistic Selection in Human Male Homosexuality.” *PLoS ONE* (online @ plosone.org) 3 (June): e2282.
- Camperio-Ciani, Andrea, Francesca Corna, & Claudio Capiluppi.** 2004. “Evidence for

- maternally inherited factors favouring male homosexuality and promoting female fecundity.” *Proceedings of the Royal Society of London B* (Biological Sciences) **271** (7 November): 2217-2221.
- Camping, Harold.** 2009. “Time Has An End.” *Family Stations* posting (online text at timehasanend.org accessed 7/30/2010).
- Campins, Humberto, & Michael J. Drake.** 2008. “Sources of Terrestrial and Martian Water.” University of Arizona *Lunar and Planetary Laboratory* 14 May updated posting (online pdf at www.lpl.arizona.edu accessed 2/11/2015).
- Campins, Humberto, Kelsey Hargrove, Noemi Pinilla-Alonso, Ellen S. Howell, Michael S. Kelley, Javier Licandro, T. Mothé-Diniz, Y. Fernández, & Julie Ziffer.** 2010. “Water ice and organics on the surface of the asteroid 24 Themis.” *Nature* **464** (29 April): 1320-1321.
- Campione, Nicolás E., & Robert R. Reisz.** 2010. “*Varanops brevirostris* (Euoekycosauria: Varanopidae) from the Lower Permian of Texas, with Discussion of Varanopid Morphology and Interrelationships.” *Journal of Vertebrate Paleontology* **30** (May): 724-746.
- Campolongo, Patrizia, Benno Roozendaal, Viviana Trezza, Daniela Hauer, Gustav Schelling, James L. McGaugh, & Vincenzo Cuomo.** 2009. “Endocannabinoids in the rat basolateral amygdala enhance memory consolidation and enable glucocorticoid modulation of memory.” *Proceedings of the National Academy of Sciences* **106** (24 March): 4888-4893.
- Campo-Paysaa, Florent, Ferdinand Marlétaz, Vincent Laudet, & Michael Schubert.** 2008. “Retinoic acid signaling in development: Tissue-specific functions and evolutionary origins.” *Genesis: The Journal of Genetics and Development* (AKA *Developmental Genetics*) **46** (November): 640-656.
- Campos, Manuel, Michaël Nilges, David A. Cisneros, & Olivera Francetic.** 2010. “Detailed structural and assembly model of the type II secretion pilus from sparse data.” *Proceedings of the National Academy of Sciences* **107** (20 July): 13081-13086.
- Campos, Paula F., Eske Willerslev, Andrei Sher, Ludovic Orlando, Erik Axelsson, Alexei Tikhonov, Kim Aaris-Sørensen, Alex D. Greenwood, Ralf-Dietrich Kahlke, Pavel Kosintsev, Tatiana Krakhmalnaya, Tatyana Kuznetsova, Philippe Lemey, Ross MacPhee, Christopher A. Norris, Kieran Shepherd, Marc A. Suchard, Grant D. Zazula, Beth Shapiro, & M. Thomas P. Gilbert.** 2010. “Ancient DNA analyses exclude humans as the driving force behind late Pleistocene musk ox (*Ovibos moschatus*) population dynamics.” *Proceedings of the National Academy of Sciences* **107** (23 March): 5675-5680.
- Campos, Rita, & Alexandra Sá-Pinto.** 2013. “Early evolution of evolutionary thinking: teaching biological evolution in elementary schools.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 25.
- Camps, Pierre, Michel Prévot, & Robert S. Coe.** 1995. “Revisiting the initial sites of geomagnetic field impulses during the Steens Mountain polarity reversal.” *Geophysical Journal International* (AKA *Geophysics Journal of the Royal Astronomical Society*) **123** (November): 484-506.
- Camus, Anne, Bruce P. Davidson, Sarald Billiards, Poh-Lynn Khoo, Jaime A. Rivera-Pérez, Maki Wakamiya, Richard R. Behringer, & Patrick P. L. Tam.** 2000. “The morphogenetic role of midline mesendoderm and ectoderm in the development of the forebrain and the midbrain of the mouse embryo.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **127** (1 May): 1799-1813.
- Canadian Press.* 2011. “Yukon fossils reveal oldest armoured organism.” *The Canadian Press* 13 June posting (online text at www.cbc.ca accessed 3/20/2016).
- Canady, Glenn.** 2015. “Scientists Prove Dinosaurs Only Thousands of Years Old! Evolution a Lie—They Walked with Man!” *Before Its News* 18 January posting (online text at beforeitsnews.com accessed 3/25/2015).
- Canales, J. Pablo, Mladen R. Nedimović, Graham M. Kent, Suzanne M. Carbotte, & Robert S. Detrick.** 2009. “Seismic reflection images of a near-axis melt sill within the lower crust at the Juan de Fuca ridge.” *Nature* **460** (2 July): 89-93.
- Cande, Steven C., & Dennis V. Kent.** 1992a. “A New Geomagnetic Polarity Time Scale for the

- Late Cretaceous and Cenozoic.” *Journal of Geophysical Research* **97** (10 September): 13917-13951.
- . 1992b. “Ultrahigh Resolution Marine Magnetic Anomaly Profiles: A Record of Continuous Paleointensity Variations?” *Journal of Geophysical Research* **97** (10 October): 15075-15083.
- . 1995. “Revised calibration of the geomagnetic polarity timescale for the Late Cretaceous and Cenozoic.” *Journal of Geophysical Research* **100** (10 April): 6093-6095.
- Candel, Adela M., M. Luisa Romero-Romero, Gloria Gamiz-Arco, Beatriz Ibarra-Molero, & Jose M. Sanchez-Ruiz.** 2017. “Fast folding and slow unfolding of a resurrected Precambrian protein.” *Proceedings of the National Academy of Sciences* **114** (23 May): E4122-E4123.
- Candela, Andrea.** 2009. “On the Earth’s revolutions: floods and extinct volcanoes in northern Italy at the end of the eighteenth century.” *Geological Society, London, Special Publications* **310**: 89-93.
- Candisky, Catherine.** 2002a. “Evolution vs. intelligent design: Experts to Weigh in on Science Standards.” *The Columbus Dispatch* (Ohio) 5 February *Access Research Network* posting (online text at www.arn.org accessed 2/26/2002).
- . 2002b. “20 Changes emphasize evolution as theory.” *The Columbus Dispatch* (Ohio) 11 June *Access Research Network* posting (online text at www.arn.org accessed 6/20/2002).
- . 2002c. “Committee compromises on wording of science guidelines.” *The Columbus Dispatch* (Ohio) posting 15 October: online text accessed 11/4/2002 (www.dispatch.com).
- Candisky, Catherine, & Jim Siegel.** 2014. “Intelligent design could be taught with Common Core’s repeal.” *The Columbus Dispatch* (Ohio) posting 20 August: online text accessed 8/22/2014 (www.dispatch.com).
- Canepari, Claudio, Robert D. Gordon, & Guy A. Hanley.** 2013. “South American Coccinellidae (Coleoptera), Part XV: systematic revision of *Dilatitibialis* Duverger (Coccidulinae: Hyperaspidini).” *Insecta Mundi* **312**: 1-91.
- Canestrari, Daniela, Diana Bolopo, Ted C. J. Turlings, Gregory Röder, José M. Marcos, & Vittorio Baglione.** 2014. “From Parasitism to Mutualism: Unexpected Interactions Between a Cuckoo and Its Host.” *Science* **343** (21 March): 1350-1352.
- Cañestro, Cristian, Julian M. Catchen, Adriana Rodriguez-Mari, Hayato Yokoi, & John H. Postlethwait.** 2009. “Consequences of Lineage-Specific Gene Loss on Functional Evolution of Surviving Paralogs: ALDH1A and Retinoic Acid Signaling in Vertebrate Genomes.” *PLoS Genetics* (online @ plosgenetics.org) **5** (May): e1000496.
- Caneve, Erminio Paolo, Roberta Tedeschi, & Paolo Forti.** 2009. “The Caves of Naica: Laser Scanning in Extreme Underground Environments.” *The American Surveyor* (February): online text accessed 10/17/2010 (amerisurv.com).
- Canfield, D. E.** 1998. “A new model for Proterozoic ocean chemistry.” *Nature* **396** (3 December): 450-453.
- Canfield, Donald E., & James Farquhar.** 2009. “Animal evolution, bioturbation, and the sulfate concentration of the oceans.” *Proceedings of the National Academy of Sciences* **106** (19 May): 8123-8127.
- Canfield, Donald E., Alexander N. Glazer, & Paul G. Falkowski.** 2010. “The Evolution and Future of Earth’s Nitrogen Cycle.” *Science* **330** (8 October): 192-196.
- Canfield, Donald E., Lauriss Ngombi-Pemba, Emma U. Hammarlund, Stefan Bengtson, Marc Chaussidon, François Gauthier-Lafaye, Alain Meunier, Armelle Riboulleau, Claire Rollion-Bard, Olivier Rouxel, Dan Asael, Anne-Catherine Pierson-Wickmann, & Abderrazak El Albani.** 2013. “Oxygen dynamics in the aftermath of the Great Oxidation of Earth’s atmosphere.” *Proceedings of the National Academy of Sciences* **110** (15 October): 16736-16741.
- Canfield, Donald E., Simon W. Poulton, Andrew H. Knoll, Guy M. Narbonne, Gerry Ross, Tatiana Goldberg, & Harald Strauss.** 2008. “Ferruginous Conditions Dominated Later Neoproterozoic Deep-Water Chemistry.” *Science* **321** (15 August): 949-952.
- Canfield, Don E., Minik T. Rosing, & Christian Bjerrum.** 2006. “Early anaerobic

- metabolisms.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1819-1836.
- Cang, Chunlei, Kimberly Aranda, Young-jun Seo, Bruno Gasner, & Deijan Ren.** 2015. “TMEM175 Is an Organelle K⁺ Channel Regulating Lysosomal Function.” *Cell* **162** (27 August): 1101-1112.
- Cangelosi, Angelo.** 2001. “Evolution of Communication and Language Using Signals, Symbols, and Words.” *IEEE Transactions on Evolutionary Computation* **5** (April): 93-101.
- Canil, Dante.** 2002. “Vanadium in peridotites, mantle redox and tectonic environments: Archean to present.” *Earth and Planetary Science Letters* **195** (30 January): 75-90.
- Canman, Julie C., Lisa A. Cameron, Paul S. Maddox, Aaron Straight, Jennifer S. Tirnauer, Timothy J. Mitchison, Guowei Fang, Tarun M. Kapoor, & E. D. Salmon.** 2003. “Determining the position of the cell division plane.” *Nature* **424** (28 August): 1074-1078.
- Cann, Rebecca L.** 2001. “Genetic Clues to Dispersal in Human Populations: Retracing the Past from the Present.” *Science* **291** (2 March): 1742-1748.
- . 2002. “Tangled genetic routes.” *Nature* **416** (7 March): 32-33.
- . 2013. “Y Weigh In Again on Modern Humans.” *Science* **341** (2 August): 465-467.
- Cann, Rebecca L., Mark Stoneking, & Allan C. Wilson.** 1987. “Mitochondrial DNA and human evolution.” *Nature* **325** (1 January): 31-34.
- Cannatella, David, & David M. Hillis.** 2004. “Amphibians: Leading a Life of Slime,” in Cracraft & Donoghue (2004, 430-450).
- Cannistraci, Carlo V., Jemej Ogorevc, Minja Zorc, Timothy Ravasi, Peter Dovc, & Tanja Kunej.** 2013. “Pivotal role of the muscle-contraction pathway in cryptorchidism and evidence for genomic connections with cardiomyopathy pathways in RASopathies.” *BMC Medical Genomics* (online @ biomedcentral.com) **6** (14 February): 5.
- Cannon, Johanna Taylor, Bruno Cossermelli Vellutini, Julian Smith, Fredrik Ronquist, Ulf Jondelius, & Andreas Hejnol.** 2016. “Xenacoelomorpha is the sister group to Nephrozoa.” *Nature* **530** (4 February): 89-93.
- Cannon, John P., Robert N. Haine, Jonathan P. Rast, & Gary W. Litman.** 2004. “The phylogenetic origins of the antigen-binding receptors and somatic diversification mechanisms.” *Immunological Reviews* **200** (August): 12-22.
- Cano, Raúl J., Heridrik N. Poinar, Norman J. Pieniazek, Aftim Acra, & George O. Poinar Jr.** 1993. “Amplification and sequencing of DNA from a 120-135-million-year-old weevil.” *Nature* **363** (10 June): 536-538.
- Cañón-Tapia, Edgardo, & George P. L. Walker.** 2004. “Global aspects of volcanism: the perspectives of ‘plate tectonics’ and ‘volcanic systems’.” *Earth-Science Reviews* **66** (June): 163-182.
- Cant, Michael A., Hazel J. Nichols, Rufus A. Johnstone, & Sarah J. Hodge.** 2014. “Policing of reproduction by hidden threats in a cooperative mammal.” *Proceedings of the National Academy of Sciences* **111** (7 January): 326-330.
- Cantalapiedra, J. L., J. L. Prado, M. Hernández Fernández, & M. T. Alberdi.** 2017. “Decoupled ecomorphological evolution and diversification in Neogene-Quaternary horses.” *Science* **355** (10 February): 627-630.
- Cantalupo, Claudio, & William D. Hopkins.** 2001. “Asymmetric Broca’s area in great apes.” *Nature* **414** (29 November): 505.
- Cantlon, Jessica F.** 2012. “Math, monkeys, and the developing brain.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10725-10732.
- Cantor, Geoffrey.** 1998. “Michael Faraday’s religion and its relation to his science.” *Endeavour* **22** (3): 121-124.
- Cantrell, Deanna.** 2015. “SPI Fellow’s Emojional Reply to Terrorist Hitlist.” *Secular Policy Institute* November “Weekly Fellows Update” posting (online text at secularpolicyinstitute.net accessed 11/12/2015).
- Cantrell, Michael A., Brian J. Filanoski, Angela R. Ingermann, Katherine Olsson, Nicole DiLuglio, Zach Lister, & Holly A. Wichman.** 2001. “An Ancient Retrovirus-like Element Contains Hot Spots for SINE Insertion.” *Genetics* **158** (June): 769-777.

- Canturk, Fazile, Muhammet Karaman, Christopher P. Selby, Michael G. Kemp, Gulnihal Kulaksiz-Erkmen, Jinchuan Hu, Wentao Li, Laura A. Lindsey-Boltz, & Aziz Sancar.** 2016. "Nucleotide excision repair by dual incisions in plants." *Proceedings of the National Academy of Sciences* **113** (26 April): 4706-4710.
- Canudo, José Ignacio, & Gloria Cuenca-Bescós.** 1996. "Two new mammalian teeth (Multituberculata and Peramura) from the Lower Cretaceous (Barremian) of Spain." *Cretaceous Research* **17** (April): 215-228.
- Canup, Robin M.** 2004a. "Origin of Terrestrial Planets and the Earth-Moon System." *Physics Today* **57** (April): 56-62.
- . 2004b. "Simulations of a late lunar-forming impact." *Icarus* **168** (April): 433-456.
- . 2010. "Origin of Saturn's rings and inner moons by mass removal from a lost Titan-sized satellite." *Nature* **468** (16 December): 943-946.
- . 2012. "Forming a Moon with an Earth-like Composition via a Giant Impact." *Science* **338** (23 November): 1052-1055.
- . 2013. "Lunar conspiracies." *Nature* **504** (5 December): 27-29.
- . 2015. "An incredible likeness of being." *Nature* **520** (9 April): 169-170.
- Canup, Robin M., & Erik Asphaug.** 2001. "Origin of the Moon in a giant impact near the end of the Earth formation." *Nature* **412** (16 August): 708-712.
- Canup, Robin M., & Kevin Righter,** eds. 2000. *Origin of the Earth and Moon*. Tucson, AZ: University of Arizona Press.
- Canyon Ministries.** 2011. "8 Grand Canyon Evidences." *Canyon Ministries* undated posting (online text at www.canyonministries.com accessed 11/19/2011).
- Cao, C., E. Elliott, J. Joseph, H. Wu, J. Petricka, T. Schäfer, & J. E. Thomas.** 2011. "Universal Quantum Viscosity in a Unitary Fermi Gas." *Science* **331** (7 January): 58-61.
- Cao, Lihuan, Fang Chen, Xianmei Yang, Weijin Xu, Jun Xie, & Long Yu.** 2014. "Phylogenetic analysis of CDK and cyclin proteins in premetazoan lineages." *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (17 January): 10.
- Cao, Lihuan, Bo Peng, Lei Yao, Xinming Zhang, Kuan Sun, Xianmei Yang, & Long Yu.** 2010. "The ancient function of RB-E2F Pathway: insights from its evolutionary history." *Biology Direct* (online @ biomedcentral.com) **5** (22 September): 55.
- Cao, Li-Hui, Dong-Gen Luo, & King-Wai Yau.** 2014. "Light responses of primate and other mammalian cones." *Proceedings of the National Academy of Sciences* **111** (18 February): 2752-2757.
- Cao, Muqing, Dan Meng, Liang Wang, Shuqing Bei, William J. Snell, & Junmin Pan.** 2013. "Activation loop phosphorylation of a protein kinase is a molecular marker of organelle size that dynamically reports flagellar length." *Proceedings of the National Academy of Sciences* **110** (23 July): 12337-12342.
- Cao, Xiaobin, & Huiming Bao.** 2013. "Dynamic model constraints on oxygen-17 depletion in atmospheric O₂ after a snowball Earth." *Proceedings of the National Academy of Sciences* **110** (3 September): 14546-14550.
- Cao, Xuanye, Chaoqun Li, Siyu Xiao, Yunlan Tang, Jing Huang, Shuan Zhao, Xueyu Li, Jixi Li, Ruilin Zhang, & Wei Yu.** 2017. "Acetylation promotes TyrRS nuclear translocation to prevent oxidative damage." *Proceedings of the National Academy of Sciences* **114** (24 January): 687-692.
- Cao, Ying, Axel Janke, Peter J. Waddell, Michael Westerman, Osamu Takenaka, Shigenori Murata, Norihiro Okada, Svante Pääbo, & Masami Hasegawa.** 1998. "Conflict Among Individual Mitochondrial Protein in Resolving the Phylogeny of Eutherian Orders." *Journal of Molecular Evolution* **47** (September): 307-322.
- Cao-Lei, Lei, Renaud Massart, Matthew J. Suderman, Ziv Machines, Guillaume Elgbeili, David P. Laplante, Moshe Szyf, & Suzanne King.** 2014. "DNA Methylation Signatures Triggered by Prenatal Maternal Stress Exposure to a Natural Disaster: Project Ice Storm." *PLoS ONE* (online @ plosone.org) **9** (September): e107653.
- Capaldi, Roderick A., & Robert Aggeler.** 2002. "Mechanism of the F₁F₀-type ATP synthase, a biological rotary motor." *Trends in Biochemical Sciences* **27** (March): 154-160.

- Capanna, Ernesto.** 1999. “Lazzaro Spallanzani: At the Roots of Modern Biology.” *Journal of Experimental Zoology* **285** (15 October): 178-196.
- Capdevila, Javier, & Juan Carlos Izzisúa Belmonte.** 2000. “Perspectives on the Evolutionary Origin of Tetrapod Limbs.” *Journal of Experimental Zoology* **288** (15 December): 287-303.
- . 2001. “Patterning Mechanisms Controlling Vertebrate Limb Development.” *Annual Review of Cell and Developmental Biology* **17**: 87-132.
- Capdevila, Mercè, & Silvia Atrian.** 2011. “Metallothionein protein evolution: a miniassay.” *Journal of Biological Inorganic Chemistry* **16** (October): 977-989.
- Capek, Cheryl M., Giordana Grossi, Aaron J. Newman, Susan L. McBurney, David Corina, Brigitte Roeder, & Helen J. Neville.** 2009. “Brain systems mediating semantic and syntactic processing in deaf native signers: Biological invariance and modality specificity.” *Proceedings of the National Academy of Sciences* **106** (26 May): 8784-8789.
- Capel, Blanche.** 2014. “The Minimalist Y.” *Science* **343** (3 January): 32-33.
- Capella-Gutierrez, Salvador, Marina Marcet-Houbon, & Toni Gabaldon.** 2012. “Phylogenomics supports microsporidia as the earliest diverging clade of sequenced fungi.” *BMC Biology* (online @ biomedcentral.com) **10** (31 May): 47.
- Capellini, Terence D., Matthew P. Dunn, Yale J. Passamanek, Licia Selleri, & Anna Do Gregorio.** 2008. “Conservation of notochord gene expression across chordates: Insights from the *Leprecan* gene family.” *Genesis: The Journal of Genetics and Development* (AKA *Developmental Genetics*) **46** (November): 683-696.
- Capitanio, F. A., C. Faccenna, S. Zlotnik, & D. R. Stegman.** 2011. “Subduction dynamics and the origin of Andean orogeny and the Bolivian orocline.” *Nature* **480** (1 December): 83-86.
- Caporaal, Linnda R.** 1976. “Ergotism: The Satan Loosed in Salem?” *Science* **192** (2 April): 21-26.
- Caporale, Lynn Helena.** 2003. “Foresight in Genome Evolution.” *American Scientist* **91** (May-June): 234-241.
- Caporaso, J. Gregory, Michael Yarus, & Rob Knight.** 2005. “Error Minimization and Coding Triplet/Binding Site Associations Are Independent Features of the Canonical Genetic Code.” *Journal of Molecular Evolution* **61** (November): 597-607.
- Capozzi, Oronzo, Stefania Purgato, Pietro D’Addabbo, Nicoletta Archidiacono, Paola Battaglia, Anna Baroncini, Antonella Capucci, Roscoe Stanyon, Giuliano Della Valle, & Mariano Rocchi.** 2009. “Evolutionary descent of a human chromosome 6 neocentromere: A jump back to 17 million years ago.” *Genome Research* **19** (May): 778-784.
- Cappelen, Alexander W., Tom Eichele, Kenneth Hugdahl, Karsten Specht, Erik Ø. Sørensen, & Bertil Tungodden.** 2014. “Equity theory and fair inequality: A neuroeconomic study.” *Proceedings of the National Academy of Sciences* **111** (28 October): 15368-15372.
- Cappellari, Michele.** 2011. “Monster black holes.” *Nature* **480** (8 December): 187-188.
- Capt. Obsidian.** 2006. “The fossil record.” *The Western Geologist* 26 February posting (online text at westerngeologist.blogspot.com accessed 3/24/2013).
- Capuco, Anthony V., & R. Michael Akers.** 2009. “The origin and evolution of lactation.” *Journal of Biology* (online @ jbiol.com) **8** (24 April): 37.
- Caputo, Mario V., James A. Peterson, & K. Franczyk,** eds. 1994. *Mesozoic Systems of the Rocky Mountain Region, USA*. Denver, CO: The Rocky Mountain Section SEPM (Society for Sedimentary Geology).
- Capuzzi, Paolo, Lucio Montebugnoli, & Maria Antonietta Vaccaro.** 1994. “Extraction of third molars: A longitudinal prospective study on factors that affect postoperative recovery.” *Oral Surgery, Oral Medicine, Oral Pathology* **77** (April): 341-343.
- Carafano, James Jay.** 2010. “America Woefully Out-Scienced.” *Heritage Foundation* 29 December posting (online text at www.heritage.org accessed 4/6/2014).
- Caramelli, David, Carles Lalueza-Fox, Cristiano Vernesi, Martina Lari, Antonella Casoli, Francesco Mallegni, Brunetto Chiarelli, Isabelle Dupanloup, Jaume Bertranpetit, Guido Barbujani, & Giorgio Bertorelle.** 2003. “Evidence for a genetic discontinuity

- between Neandertals and 24,000-year-old anatomically modern Europeans.” *Proceedings of the National Academy of Sciences* **100** (27 May): 6593-6597.
- Caramelli, David, Lucia Milani, Stefania Vai, Alessandra Modi, Elena Pecchioli, Matteo Girardi, Elena Pilli, Martina Lari, Barbara Lippi, Annamaria Ronchitelli, Francesco Mallegni, Antonella Casoli, Giorgio Bertorelle, & Guido Barbujani.** 2008. “A 28,000 Years Old Cro-Magnon mtDNA Sequence Differs from All Potentially Contaminating Modern Sequences.” *PLoS ONE* (online @ plosone.org) **3** (July): e2700.
- Carbone, Calla, & Guy M. Narbonne.** 2014. “When Life Got Smart: The Evolution of Behavioral Complexity Through the Ediacaran and Early Cambrian of NW Canada.” *Journal of Paleontology* **88** (March): 309-330.
- Carbone, Lucia, R. Alan Harris, Sante Gnerre, Krishna R. Veeramah, Belen Lorente-Galdos, John Huddleston, Thomas J. Meyer, Javier Herrero, Christian Roos, Bronwen Aken, Fabio Anaclerio, Nicoletta Archidiacono, Carl Baker, Daniel Barrell, Mark A. Batzer, Kathryn Beal, Antoine Blancher, Craig L. Bohrsen, Markus Brameier, Michael S. Campbell, Oronzo Capozzi, Claudio Casola, Giorgia Chiatante, Andrew Cree, Annette Damert, Pieter J. de Jong, Laura Dumas, Marcos Fernandez-Callejo, Paul Flicek, Nina V. Fuchs, Ivo Gut, Marta Gut, Matthew W. Hahn, Jessica Hernandez-Rodriguez, LaDeana W. Hillier, Robert Hubley, Bianca Ianc, Zsuzsanna Izsvák, Nina G. Jablonski, Laurel M. Johnstone, Anis Karimpour-Fard, Miriam K. Konkel, Dennis Kostka, Nathan H. Lazar, Sandra L. Lee, Lora R. Lewis, Yue Liu, Devin P. Locke, Swapan Mallick, Fernando L. Mendez, Matthieu Muffato, Lynne V. Nazareth, Kimberly A. Nevenon, Majesta O’Bleness, Cornelia Ochis, Duncan T. Odom, Katherine S. Pollard, Javier Quilez, David Reich, Mariano Rocchi, Gerald G. Schumann, Stephen Searle, James M. Sikela, Gabriella Skollar, Arian Smit, Kemal Sonmez, Boudewijn ten Hallers, Elizabeth Terhune, Gregg W. C. Thomas, Brygg Ullmer, Mario Ventura, Jerilyn A. Walker, Jeffrey D. Wall, Lutz Walter, Michelle C. Ward, Sarah J. Wheelan, Christopher W. Whelan, Simon White, Larry J. Wilhelm, August E. Woerner, Mark Yandell, Baoli Zhu, Michael F. Hammer, Tomas Marques-Bonet, Evan E. Eichler, Lucinda Fulton, Catrina Fronick, Donna M. Muzny, Wesley C. Warren, Kim C. Worley, Jeffrey Rogers, Richard K. Wilson, & Richard A. Gibbs.** 2014. “Gibbon genome and the fast karyotype evolution of small apes.” *Nature* **513** (11 September): 195-201.
- Cârciumanu, Marin, Elena-Cristina Nițu, & Ovidiu Cîrstina.** 2015. “A geode painted with ochre by the Neanderthal man.” *Comptes Rendus Palevol* **14** (January): 31-41.
- Card, Jeb.** 2015. Review of *The Ancient Alien Question*. *American Antiquity* **80** (July): 619-620.
- Cardarelli, Lia, Lisa G. Pell, Philipp Neudecker, Nawaz Pirani, Amanda Liu, Lindsay A. Baker, John L. Rubinstein, Karen L. Maxwell, & Alan R. Davidson.** 2010. “Phages have adapted the same protein fold to fulfill multiple functions in virion.” *Proceedings of the National Academy of Sciences* **107** (10 August): 14384-14389.
- Carden, Bill.** 2011a. “Carson-Newman College: Creation Scientist Denied Tenure – in their own words.” *Creation Conversations* 25 June posting (online text at www.creationconversations.com accessed 10/20/2011).
- . 2011b. “Carson-Newman College: ‘Creation and Evolution Can Happily Coexist’ – in their own words.” *Creation Conversations* 11 July posting (online text at www.creationconversations.com accessed 10/20/2011).
- Cárdenas, Macarena L., William D. Gosling, Sarah C. Sherlock, Imogen Poole, R. Toby Pennington, & Patricia Mothes.** 2011a. “The Response of Vegetation on the Andean Flank in Western Amazonia to Pleistocene Climate Change.” *Science* **331** (25 February): 1055-1058.
- . 2011b. “Response to Comment on ‘The Response of Vegetation on the Andean Flank in Western Amazonia to Pleistocene Climate Change’.” *Science* **333** (30 September): 1825.
- Cardillo, Marcel, & Adrian Lister.** 2002. “Death in the slow lane.” *Nature* **419** (3 October): 440-442.
- Cardinal, Roger.** 2009. “Outsider Art and the autistic creator.” *Philosophical Transactions of*

- the Royal Society of London B* (Biological Sciences) **361** (27 May): 1459-1466.
- Cardinal, Sophie, Jakub Straka, & Bryan N. Danforth.** 2010. "Comprehensive phylogeny of apid bees reveals the evolutionary origins and antiquity of cleptoparasitism." *Proceedings of the National Academy of Sciences* **107** (7 September): 16207-16211.
- Cardinale, Bradley.** 2012. "Impacts of Biodiversity Loss." *Science* **336** (4 May): 552-553.
- Cardinale, Daniela, Giambattista Guitoli, Donatella Tondi, Rosaria Luciani, Stefan Henrich, Outi M. H. Salo-Ahen, Stefania Ferrari, Gaetano Marverti, Davide Guerrieri, Alessio Ligabue, Chiara Frassinetti, Cecilia Pozzi, Stefano Mangani, Dimitrios Fessas, Remo Guerrini, Glauco Ponterini, Rebecca C. Wade, & M. Paola Costi.** 2011. "Protein-protein interface-binding peptides inhibit the cancer therapy target human thymidylate synthase." *Proceedings of the National Academy of Sciences* **108** (23 August): E542-E549.
- Cardone, F., A. Carpintieri, & G. Lacidogna.** 2009. "Piezonuclear neutrons from fracturing of inert solids." *Physics Letters A* **373** (2 November): 4158-4163.
- Cardone, Fabio, Roberto Mignani, & Andrea Petrucci.** 2009a. "Piezonuclear decay of thorium." *Physics Letters A* **373** (11 May): 1956-1958.
- . 2009b. "Reply to 'Comment on "Piezonuclear decay of thorium" [Phys. Lett A 373 (2009) 1956]' [Phys Lett. A 374 (2009) 3795]." *Physics Letters A* **373** (5 October): 3797-3800.
- . 2010. "Reply to 'Comment on "Piezonuclear decay of thorium" [Phys. Lett A 373 (2009) 1956]' [Phys Lett. A 374 (2009) 696]." *Physics Letters A* **374** (11 January): 698-700.
- Cardosa, S., M. A. Alfonso-Sánchez, L. Valverde, D. Sánchez, M. T. Zarrabeitia, A Odriozola, B. Martínez-Jarreta, & M. M. de Pancorbo.** 2012. "Genetic uniqueness of the Waorani tribe from the Ecuadorian Amazon." *Heredity* **108** (June): 609-615.
- Cardoso-Moreira, Margarida, & Manyuan Long.** 2012. "The Origin and Evolution of New Genes," in Anisimova (2012, 161-186).
- Cardwell, Tammy.** 2002. "Comments by Malcolm Bowden on Dennis Petersen's book 'Unlocking the Mysteries of Creation'." *Southern Minnesota Association for Creation* posting of November review (online text at www.tccsa.tc accessed 5/28/2009).
- Carew Hunt, R. N.** 1963. *The Theory and Practice of Communism*. Rev. pb ed. Baltimore, MD: Penguin Books.
- Carey, Nessa.** 2015a. *Junk DNA: A Journey Through the Dark Matter of the Genome*. New York: Columbia University Press.
- . 2015b. "Junk DNA." *Nessa Carey* posting (online text at www.nessacarey.co.uk accessed 5/1/2015).
- Carhart-Harris, Robin L., David Erritzoe, Tim Williams, James M. Stone, Laurence J. Reed, Alessandro Colasanti, Robin J. Tyacke, Robert Leech, Andrea L. Malizia, Kevin Murphy, Peter Hobden, John Evans, Amanda Feilding, Richard G. Wise, & David J. Nutt.** 2012. "Neural correlates of the psychedelic state as determined by fMRI studies with psilocybin." *Proceedings of the National Academy of Sciences* **109** (7 February): 2138-2143.
- Caricchi, Luca, Catherine Annen, Alison Rust, & Jon Blundy.** 2012. "Insights into the mechanisms and timescales of pluton assembly from deformation patterns of mafic enclaves." *Journal of Geophysical Research: Solid Earth (1978-2012)* **117** (November): B11206.
- Caricchi, Luca, & Jon Blundy.** 2015. "The temporal evolution of chemical and physical properties of magmatic systems." *Geological Society, London, Special Publications* **422**: 1-15.
- Caricchi, Luca, Guy Simpson, & Urs Schaltegger.** 2014. "Zircons reveal magma fluxes in the Earth's crust." *Nature* **511** (24 July): 457-461.
- Cariello, Lucio, Filomena Ristoratore, & Laura Zanetti.** 1997. "A new transglutaminase-like from the ascidian *Ciona intestinalis*." *Federation of European Biochemical Societies FEBS Letters* **408** (19 May): 171-176.
- Carja, Oana, Uri Liberman, & Marcus W. Feldman.** 2014. "Evolution in changing

- environments: Modifiers of mutation, recombination, and migration.” *Proceedings of the National Academy of Sciences* **111** (16 December): 17935-17940.
- Carlip, Steven, & Sachindeo Vaidya.** 2003. “Do black holes constrain varying constants?” *Nature* **402** (18 November): 253.
- Carlisle, Christopher,** with **W. Thomas Smith Jr.** 2006. *The Complete Idiot’s Guide® to Understanding Intelligent Design*. New York: Alpha Books (Penguin Group).
- Carlisle, David Brez.** 1995. *Dinosaurs, Diamonds, and Things from Outer Space: The Great Extinction*. Stanford, CA: Stanford University Press.
- Carlo, C. Nikoosh, & Charles F. Stevens.** 2013. “Structural uniformity of neocortex, revisited.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1488-1493.
- Carlson, David B., & Ann F. Budd.** 2002. “Incipient Speciation Across a Depth Gradient in A Scleractinian Coral?” *Evolution* **56** (November): 2227-2242.
- Carlquist, Sherwin.** 1962. “Ontogeny and comparative anatomy of thorns of Hawaiian Lobeliaceae.” *American Journal of Botany* **49** (April): 413-419.
- Carlquist, Sherwin, Edward L. Schneider, & C. Barre Hellquist.** 2009. “Xylem of Early Angiosperms: *Nuphar* (Nymphaeaceae) Has Novel Tracheid Microstructure.” *American Journal of Botany* **96** (January): 207-215.
- Carlsbecker, Annelie, Ji-Young Lee, Christina J. Roberts, Jan Dettmer, Satu Lehesranta, Jing Zhou, Ove Lindgren, Miguel A. Moreno-Risueno, Anne Vatén, Siripong Thitamadee, Ana Campilho, Jose Sebastian, John L. Bowman, Ykä Helariutta, & Philip N. Benfey.** 2010. “Cell signalling by microRNA165/6 directs gene dose-dependent root cell fate.” *Nature* **465** (20 May): 316-321.
- Carlson, Bruce A., Saad M. Hasan, Michael Hollmann, Derek E. Miller, Luke J. Harmon, & Matthew E. Arnegard.** 2011. “Brain Evolution Triggers Increased Diversification of Electric Fishes.” *Science* **332** (29 April): 583-586.
- Carlson, Gregory C., Konrad Talbot, Tobias B. Halene, Michael J. Gandal, Hala A. Kazi, Laura Schlosser, Quan H. Phung, Raquel E. Gur, Steven E. Arnold, & Steven J. Siegel.** 2011. “Dysbindin-1 mutant mice implicate reduced fast-phasic inhibition as a final common disease mechanism in schizophrenia.” *Proceedings of the National Academy of Sciences* **108** (25 October): E962-E970.
- Carlson, John B.** 1990. “America’s Ancient Skywatchers.” *National Geographic* **177** (March): 76-107.
- Carlson, Keely B., Darryl J. de Ruiter, Thomas J. DeWitt, Kieran P. McNulty, Kristian J. Carlson, Paul Tafforeau, & Lee R. Berger.** 2016. “Developmental simulation of the adult cranial morphology of *Australopithecus sediba*.” *South African Journal of Science* (online @ www.scielo.org.za) **112** (July/August): 2016-0012.
- Carlson, Keith J.** 1999. “*Crossotelos*, an Early Permian neotridian amphibian.” *Journal of Vertebrate Paleontology* **19** (4): 623-631.
- Carlson, Kristian J., Dietrich Stout, Tea Jashashvili, Darryl J. de Ruiter, Paul Tafforeau, Keely Carlson, & Lee R. Berger.** 2011. “The Endocast of MH1, *Australopithecus sediba*.” *Science* **333** (9 September): 1402-1407.
- Carlson, M. O., S. A. Kasemann, R. A. Wood, T. M. Lenton, S. J. Daines, S. Richoz, F. Ohnemueller, A. Meixner, S. W. Poulton, & E. T. Tipper.** 2015. “Ocean acidification and the Permo-Triassic mass extinction.” *Science* **348** (10 April): 229-232.
- Carlson, Richard F.,** ed. 2000. *Science & Christianity: Four Views*. Downers Grove, IL: InterVarsity Press.
- Carlson, Richard W.** 2015. “A new recipe for Earth formation.” *Nature* **520** (16 April): 299-300.
- . 2017. “Earth’s building blocks.” *Nature* **541** (26 January): 468-470.
- Carlson, Richard W., Edward Garnero, T. Mark Harrison, Jie Li, Michael Manga, William F. McDonough, Sujoy Mukhopadhyay, Barbara Romanoqicz, David Rubie, Quentin Williams, & Shijie Zhong.** 2014. “How Did Early Earth Become Our Modern World?” *Annual Review of Earth and Planetary Sciences* **42**: 151-178.

- Carlson, R. W., F. Tera, & N. Z. Boctor.** 1988. “Radiometric geochronology of the eucrites Nuevo Laredo and Bereba.” *Proceedings of the Lunar and Planetary Science Conferences* **19**: 166-167.
- Carlson, Shawn.** 1985. “A double-blind test of astrology.” *Nature* **318** (5 December): 419-425.
- Carlson, Stephanie M., & Philip David Zelazo.** 2011. “The value of control and the influence of values.” *Proceedings of the National Academy of Sciences* **108** (11 October): 16861-16862.
- Carlsson, Ingegerd, Peter E. Wendt, & Jarl Risberg.** 2000. “On the neurobiology of creativity. Differences in frontal activity between high and low creative subjects.” *Neuropsychologia* **38** (June): 873-885.
- Carlton, J. S., Rebecca Perry-Hill, Matthew Huber, & Linda S. Prokopy.** 2015. “The climate change consensus extends beyond climate scientists.” *Environmental Research Letters* **10** (24 September): 094025.
- Carmel, Liran, Yuri I. Wolf, Igor B. Rogozin, & Eugene V. Koonin.** 2007a. “Three distinct modes of intron dynamics in the evolution of eukaryotes.” *Genome Research* **17** (July): 1034-1044.
- . 2007b. “Evolutionarily conserved genes preferentially accumulate introns.” *Genome Research* **17** (July): 1045-1050.
- Carminati, Eugenio, Michele Lustrino, & Carlo Doglioni.** 2012. “Geodynamic evolution of the central and western Mediterranean: Tectonics vs. igneous petrology constraints.” *Tectonophysics* **579** (December): 173-192.
- Carmody, Rachel N., & Richard W. Wrangham.** 2009. “The energetic significance of cooking.” *Journal of Human Evolution* **57** (October): 379-391.
- Carmon, Irin.** 2012. “Richard Mourdock, misogynist.” *Salon.com* 23 October (online text at salon.com accessed 10/28/2012).
- Carmona, F. David, Martin Glösmann, Jingxing Ou, Rafael Jiménez, & J. Martin Collinson.** 2010. “Retinal development and function in a ‘blind’ mole.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 May): 1513-1522.
- Carmona-Bayonas, Alberto, Paula Jiménez-Fonseca, Carlos Vázquez Olmos, & Juan Vega Villar.** 2017. “Hyperreligiosity in malignant brain tumors: a case report and accompanying bibliographic review.” *Neurocase* **23** (February): 88-95.
- Carnahan, Robert H., Antonis Rokas, Eric A. Gaucher, & Albert B. Reynolds.** 2010. “The Molecular Evolution of the p120-Catenin Subfamily and Its Functional Associations.” *PLoS ONE* (online @ plosone.org) **5** (December): e15747.
- Carnall, Jacqui M. A., Christopher A. Waudby, Ana M. Belenguer, Marc C. A. Stuart, Jérôme J.-P. Peyralans, & Sijbren Otto.** 2010. “Mechanosensitive Self-Replication Driven by Self-Organization.” *Science* **327** (19 March): 1502-1506.
- Carnegie Library.* 1994. *The Handy Science Answer Book*. Compiled by Carnegie Library of Pittsburgh Science and Technology Department. Detroit: Visible Ink Press.
- Carneiro, Ana, Ana Simoes, Maria Paula Diogo, & Teresa Salomé Mota.** 2013. “Geology and Religion in Portugal.” *Notes & Records of the Royal Society* **61** (20 December): 331-354.
- Carneiro, Mauricio, & Daniel L. Hartl.** 2010. “Adaptive landscapes and protein evolution.” *Proceedings of the National Academy of Sciences* **107** (26 January): 1747-1751.
- Carneiro, Miguel, José A. Blanco-Aguiar, Rafael Villafuerte, Nuno Ferrand, & Michael W. Nachman.** 2010. “Speciation in the European Rabbit (*Oryctolagus cuniculus*): Islands of Differentiation on the X Chromosome and Autosome.” *Evolution* **64** (December): 3443-3460.
- Carneiro, Miguel, Carl-Johan Rubin, Federica Di Palma, Frank W. Albert, Jessica Alföldi, Alvaro Martínez Barrio, Gerli Pielberg, Nima Rafati, Shumaila Sayyab, Jason Turner-Maier, Shady Younis, Sandra Afonso, Bronwen Aken, Joel M. Alves, Daniel Barrell, Gerard Bolet, Samuel Boucher, Hernán A. Burbano, Rita Campos, Jean L. Chang, Veronique Duranthon, Luca Fontanesi, Hervé Garreau, David Heiman, Jeremy Johnson, Rose G. Mage, Ze Peng, Guillaume Queney, Claire Rogel-Gaillard,**

- Magali Ruffier, Steve Searle, Rafael Villafuerte, Anqi Xiong, Sarah Young, Karin Forsberg-Nilsson, Jeffrey M. Good, Eric S. Lander, Nuno Ferrand, Kerstin Lindblad-Toh, & Leif Andersson.** 2014. "Rabbit genome analysis reveals a polygenic basis for phenotypic change." *Science* **345** (29 August): 1074-1079.
- Carnero-Montoro, Elena, Lizette Bonet, Johannes Engelken, Yorsten Bielg, Mario Martínez-Florensa, Francisco Lozano, & Elena Bosch.** 2012. "Evolutionary and Functional Evidence for Positive Selection at the Human *CD5* Immune Receptor Gene." *Molecular Biology and Evolution* **29** (February): 811-823.
- Carnes, Jason, Achim Schnauffer, Suzanne M. McDermott, Gonzalo Domingo, Rose Proff, Alodie G. Steinberg, Irina Kurtz, & Kenneth Stuart.** 2012. "Mutational analysis of *Trypanosoma brucei* editosome proteins KREPB4 and KREPB5 reveals domains critical for function." *RNA* **18** (October): 1897-1909.
- Carnes, Jason, James Raffaello Trotter, Adam Peltan, Michele Fleck, & Kenneth Stuart.** 2008. "RNA Editing in *Trypanosoma brucei* Requires Three Different Editosomes." *Molecular and Cellular Biology* **28** (January): 122-130.
- Carnes, Mark C.** 1995. *Past Imperfect: History According to the Movies*. New York: Henry Holt & Co.
- Carney, Dana R., Amy J. C. Cuddy, & Andy J. Yap.** 2010. "Power Posing: Brief Nonverbal Displays Affect Neuroendocrine Levels and Risk Tolerance." *Psychological Science* **21** (October): 1363-1368.
- Carney, Dana R., John T. Jost, Samuel D. Gosling, & Jeff Potter.** 2008. "The Secret Lives of Liberals and Conservatives: Personality Profiles, Interaction Styles, and the Things They Leave Behind." *Political Psychology* **29** (6): 807-840.
- Carney, Ryan M., Jakob Vinther, Matthew D. Shawkey, Liliana D'Alba, & Jörg Ackermann.** 2012. "New evidence on the colour and nature of the isolated *Archaeopteryx* feather." *Nature Communications* **3** (24 January): 637.
- Carninci, Piero.** 2014. "Mice in the ENCODE spotlight." *Nature* **515** (20 November): 346-347.
- Carninci, P., J. Yasuda, & Y. Hayashizaki.** 2008. "Multifaceted mammalian transcriptome." *Current Opinion in Cell Biology* **20** (June): 274-280.
- Carny, Ohad, & Ehud Gazit.** 2005. "A model for the role of short self-assembled peptides in the very early stages of the origin of life." Federation of American Societies for Experimental Biology *The FASEB Journal* **19** (July): 1051-1055.
- Caro, Shana M., Stuart A. West, & Ashleigh S. Griffin.** 2016. "Sibling conflict and dishonest signaling in birds." *Proceedings of the National Academy of Sciences* **113** (29 November): 13803-13808.
- Caro, Tim, Amanda Izzo, Robert C. Reiner Jr., Hannah Walker, & Theodore Stankowich.** 2014. "The function of zebra stripes." *Nature Communications* (online @ nature.com) **5** (1 April): 3535.
- Caron, David A.** 2016. "The rise of Rhizaria." *Nature* **532** (28 April): 444-445.
- Caron, Jean-Bernard, & Cédric Aria.** 2017. "Cambrian suspension-feeding lobopodians and the early radiation of panarthropods." *BMC Evolutionary Biology* (online @ biomedcentral.com) **17** (31 January): 29.
- Caron, Jean-Bernard, Simon Conway Morris, & Christopher B. Cameron.** 2013. "Tubicolous enteropneusts from the Cambrian period." *Nature* **495** (28 March): 503-506.
- Caron, Jean-Bernard, Robert R. Gaines, Cédric Aria, Gabriela Mángano, & Michael Streng.** 2014. "A new phyllopod bed-like assemblage from the Burgess Shale of the Canadian Rockies." *Nature Communications* (online @ nature.com) **5** (11 February): 3210.
- Caron, Jean-Bernard, & Donald A. Jackson.** 2008. "Paleoecology of the Greater Phyllopod Bed community, Burgess Shale." *Palaeogeography, Palaeoclimatology, Palaeoecology* **258** (18 February): 222-256.
- Caron, Jean-Bernard, Amélie Scheltema, Christofer Schander, & David Rudkin.** 2006. "A soft-bodied mollusc with radula from the Middle Cambrian Burgess Shale." *Nature* **442** (13 July): 159-163.
- Caron, Marc G., & R. Mark Wightman.** 2009. "'To learn, you must pay attention.' Molecular

- insights into teachers' wisdom." *Proceedings of the National Academy of Sciences* **106** (5 May): 7267-7268.
- Carone, Benjamin R., Lucas Fauquier, Naomi Habib, Jeremy M. Shea, Caroline E. Hart, Ruowang Li, Christoph Bock, Chengjian Li, Phillip D. Zamore, Alexander Meissner, Zhiping Weng, Hans A. Hofmann, Nir Friedman, & Oliver J. Rando.** 2010. "Paternally-induced transgenerational environmental reprogramming of metabolic gene expression in mammals." *Cell* **143** (23 December): 1084-1096.
- Caro-Quintero, A., K. M. Ritalahti, K. D. Cusick, F. E. Löffler, & K. T. Konstantinidis.** 2012. "The Chimeric Genome of *Sphaerochaeta*: Nonspiral Spirochetes That Break with the Prevalent Dogma in Spirochete Biology." *mBio* (online @ mbio.asm.org) **3** (15 May): e00025-12.
- Carpenter, Alexander.** 2011. "Adventist Congressman Roscoe Barlett in 'Urban Danger' Film." Seventh Day Adventist *Spectrum Magazine* blog 14 March posting (online text at spectrummagazine.org accessed 3/16/2011).
- . 2012. "Ethics, Evolution, and Ben Carson." Seventh Day Adventist *Spectrum Magazine* blog 11 May posting (online text at spectrummagazine.org accessed 5/20/2012).
- Carpenter, Dick M. II.** 2001. "A Captive Audience." *National Association for Research and Therapy of Homosexuality* undated "Gay Activism to the Schools" posting (online text at www.narth.org accessed 6/24/2014).
- Carpenter, Jennifer.** 2012. "Multicellularity Driven by Bacteria." *Science* **337** (3 August): 510.
- Carpenter, Kenneth.** 1999. *Eggs, Nests, and Baby Dinosaurs: A Look at Dinosaur Reproduction*. Bloomington, IN: Indiana University Press.
- Carpenter, Kenneth, Clifford Miles, & Karen Cloward.** 1998. "Skull of a Jurassic ankylosaur (Dinosauria)." *Nature* **393** (25 June): 782-783.
- Carpenter, Meredith L., Jason D. Buenrostro, Cristina Valdiosera, Hannes Schroeder, Morten E. Allentoft, Martin Sikora, Morten Rasmussen, Simon Gravel, Sonia Guillén, Georgi Nekhrizov, Krasimir Leshtakov, Diana Dimitrova, Nikola Theodosiev, Davide Pettener, Donata Luiselli, Karla Sandoval, Andrés Moreno-Estrada, Yingrui Li, Jun Wang, M. Thomas P. Gilbert, Eske Willerslev, William J. Greenleaf, & Carlos D. Bustamante.** 2013. "Pulling out the 1%: Whole-Genome Capture for the Targeted Enrichment of Ancient DNA Sequence Libraries." *The American Journal of Human Genetics* **93** (November): 1-13.
- Carpenter, Paul.** 2001a. "Scopes not recapitulated at Pennridge." *The Morning Call* (Allentown, Pennsylvania) posting 25 March: online text accessed 6/6/2001 (www.mcall.com).
- . 2001b. "Jefferson had wary attitude about religion." *The Morning Call* (Allentown, Pennsylvania) posting 27 March: online text accessed 6/6/2001 (www.mcall.com).
- Carpenter, Scott J., J. Mark Erickson, & F. D. Holland Jr.** 2003. "Migration of a Late Cretaceous fish." *Nature* **423** (1 May): 70-74.
- Carpenter, Siri.** 2012. "Government Sanctions Harvard Psychologist." *Science* **337** (14 September): 1283.
- Carpenter, Zoë.** 2015. "The Princeton Academic Testifying for Ted Cruz's Climate Hearing Is For Hire by Fossil Fuel Corporations." *The Nation* (8 December): online text accessed 12/9/2015 (thenation.com).
- Carr, Archie.** 1963. *The Reptiles*. New York: Time-Life Books.
- Carr, Bernard, & Martin Rees.** 1979. "The anthropic principle and the structure of the physical world." *Nature* **278** (12 April): 605-612.
- Carr, Elias.** 2010. "A Catholic Theological Perspective on Evolution and Intelligent Design." *University of St. Thomas Journal of Law & Public Policy* **4** (1): 66-101.
- Carr, Laurie, Marco Iacoboni, Marie-Charlotte Dubeau, John C. Mazziotta, & Gian Luigi Lenzi.** 2003. "Neural mechanisms of empathy in humans: A relay from neural systems for imitation to limbic areas." *Proceedings of the National Academy of Sciences* **100** (29 April): 5497-5502.
- Carr, M., B. S. C. Leadbeater, R. Hassan, M. Nelson, & S. L. Baldauf.** 2008. "Molecular

- phylogeny of choanoflagellates, the sister group to Metazoa.” *Proceedings of the National Academy of Sciences* **103** (28 October): 16641-16646.
- Carr, Martin, Daniel J. Richter, Parinaz Fozouini, Timothy J. Smith, Alexandra Jeuck, Barry S. C. Leadbeater, & Frank Nitsche.** 2017. “A six-gene phylogeny provides new insights into choanoflagellate evolution.” *Molecular Phylogenetics and Evolution* **107** (February): 166-178.
- Carr, S. M., H. D. Marshall, K. A. Johnstone, L. M. Pynn, & G. B. Stenson.** 2002. “How To Tell a Sea Monster: Molecular Discrimination of Large Marine Animals of the North Atlantic.” *The Biological Bulletin* **202** (February): 1-5.
- Carr, Steven.** 1997. “Prophesy Fulfilled in History.” *The Jury Is In: The Ruling on McDowell’s “Evidence”* (Jeffery Jay Lowder editor) Chapter 11 posting (online text at www.infidels.org accessed 6/10/1999).
- Carr, Thomas D., David J. Varricchio, Jayc C. Sedlmayr, Eric M. Roberts, & Jason R. Moore.** 2017. “A new tyrannosaur with evidence for anagenesis and crocodile-like facial sensory system.” *Scientific Reports* (online @ www.nature.com/srep/) **7** (30 March): 44942.
- Carrano, Matthew T.** 2005. “The Evolution of Sauropod Locomotion,” in Curry & Wilson (2005, 229-251).
- Carrano, Matthew T., Timothy J. Gaudin, Richard W. Blob, & John R. Wible,** eds. 2006. *Amniote Paleobiology: Perspectives on the Evolution of Mammals, Birds, and Reptiles*. Chicago: University of Chicago Press.
- Carrano, Matthew T., Christine M. Janis, & J. John Sepkoski Jr.** 1999. “Hadrosaurs as ungulate parallels: Lost lifestyles and deficient data.” *Acta Palaeontologica Polonica* **44** (3): 237-261.
- Carraro, Luciana, Luigi Castelli, & Claudia Macchiella.** 2011. “The Automatic Conservative: Ideology-Based Attentional Asymmetries in the Processing of Valenced Information.” *PLoS ONE* (online @ plosone.org) **6** (November): e26456.
- Carrasco, Melisa, Christina Hong, Jenna K. Nienhuis, Shannon M. Harbin, Kate D. Fitzgerald, William J. Gehring, & Gregory L. Hanna.** 2013. “Increased error-related brain activity in youth with obsessive-compulsive disorder and other anxiety disorders.” *Neuroscience Letters* **541** (29 April): 214-218.
- Carrasco-González, C., J. M. Torrelles, J. Cantó, S. Curiel, G. Surcis, W. H. T. Vlemmings, H. J. van Langevelde, C. Goddi, G. Anglada, S.-W. Kim, J.-S. Kim, & J. F. Gómez.** 2015. “Observing the onset of outflow collimation in a massive protostar.” *Science* **348** (3 April): 114-117.
- Carreiras, Manuel, Mohamed L. Seghier, Silvia Baquero, Adelina Estévez, Alfonso Lozano, Joseph T. Devlin, & Cathy J. Price.** 2009. “An anatomical signature for literacy.” *Nature* **461** (15 October): 983-986.
- Carrel, Laura, Amy A. Cottle, Karrie C. Cogle, & Huntington F. Willard.** 1999. “A first-generation X-inactivation profile of the human X chromosome.” *Proceedings of the National Academy of Sciences* **96** (7 December): 14440-14444.
- Carrier, Daniel R., Christoph Anders, & Nadja Schilling.** 2011. “The musculoskeletal system of humans is not tuned to maximize the economy of locomotion.” *Proceedings of the National Academy of Sciences* **108** (15 November): 18631-18636.
- Carrier, David R., & Colleen G. Farmer.** 2000. “The evolution of pelvic aspiration in archosaurs.” *Paleobiology* **26** (Spring): 271-293.
- Carrier, Mike.** 1997a. “Darwin’s Theory of Evolution—A Notion Rooted Deep in Racism, but not in Science!” *Goodschools* posting (online text at www.goodschools.com accessed 7/25/2002, not available as of 11/10/2014).
- . 1997b. “Richard Dawkins—A Dinosaur Defends the Indefensible.” *Goodschools* posting (online text at www.goodschools.com accessed 7/25/2002, not available as of 11/10/2014).
- . 2000. “Darwin’s Evolution—a Matter of Racism Over Science.” *Netwurking News* February newsletter posting (online pdf at www.goodschools.com accessed 7/25/2002, not available as of 11/10/2014).

- Carrier, Richard C.** 2004a. “The argument from biogenesis: Probabilities against a natural origin of life.” *Biology and Philosophy* **19** (November): 739-764.
- . 2004b. “Addendum B: Are the Odds Against the Origin of Life Too Great to Accept?” *The Secular Web* posting (online text at www.infidels.org accessed 11/9/2013).
- . 2006a. “Was Christianity Too Improbable to be False? 18. How Successful Was Christianity?” *The Secular Web* posting (online text at www.infidels.org accessed 3/9/2013).
- . 2006b. “Was Christianity Too Improbable to be False? 19. Responses to Critics.” *The Secular Web* posting (online text at www.infidels.org accessed 3/9/2013).
- . 2009. “Statistics & Biogenesis.” *Richard Carrier Blogs* 1 May posting (online text at richardcarrier.blogspot.com accessed 11/9/2013).
- . 2011a. “The Date of the Nativity in Luke (6th ed., 2011).” *The Secular Web* posting (online text at www.infidels.org accessed 10/28/2014).
- . 2011b. “Thallus and the Darkness at Christ’s Death.” *Journal of Greco-Roman Christianity and Judaism* **8**: 185-191.
- . 2012a. “Ehrman Trashes Mythicism.” 21 March posting (online text at freethoughtblogs.com/carrier accessed 5/24/2013).
- . 2012b. “McGrath on the Amazing Infallible Ehrman.” 25 March posting (online text at freethoughtblogs.com/carrier accessed 5/24/2013).
- . 2012c. “Ehrman’s Dubious Replies (Round One).” 27 April posting (online text at freethoughtblogs.com/carrier accessed 5/24/2013).
- . 2012d. “Ehrman on Jesus: A Failure of Facts and Logic.” 19 April posting (online text at freethoughtblogs.com/carrier accessed 5/24/2013).
- . 2012e. “Ehrman’s Dubious Replies (Round Two).” 29 April posting (online text at freethoughtblogs.com/carrier accessed 5/24/2013).
- . 2015. “Is 90% of All EvoPsych False?” 6 December posting (online text at freethoughtblogs.com/carrier accessed 12/7/2015).
- Carrigan, Matthew A., Oleg Uryasev, Carole B. Frye, Blair L. Eckman, Candace R. Myers, Thomas D. Hurley, & Steven A. Benner.** 2015. “Hominids adapted to metabolize ethanol long before human-directed fermentation.” *Proceedings of the National Academy of Sciences* **112** (13 January): 458-463.
- Carrington, Hereward.** 1908. *The Coming Science*. Boston: Small, Maynard & Co.
- . 1920. *The Occult and Psychical Sciences: Modern Psychical Phenomena*. New York: American University Publishing Co.
- . 1930. *The Story of Psychic Science*. London: Rider & Co.
- . 1954. *The American Seances with Eusapia Palladino*. New York: Garrett Publications.
- . 1957. *The Case for Psychic Survival*. New York: Citadel Press.
- . 1958. *Essays in the Occult*. New York: Thomas Yoseloff.
- Carrington, Richard.** 1963. *The Mammals*. New York: Time-Life Books.
- Carriquiry, J. D., & A. Sánchez.** 1999. “Sedimentation in the Colorado River delta and Upper Gulf of California after nearly a century of discharge loss.” *Marine Geology* **158** (June): 125-145.
- Carriveau, Gary W., & Mark C. Han.** 1976. “Thermoluminescent Dating and the Monsters of Acambaro.” *American Antiquity* **41** (October): 497-500.
- Carrodegua, José A., Ryuji Kobayashi, Susan E. Lim, William C. Copeland, & Daniel F. Bogenhagen.** 1999. “The Accessory Subunit of *Xenopus laevis* Mitochondrial DNA Polymerase γ Increases Processivity of the Catalytic Subunit of Human DNA Polymerase γ and Is Related to Class II Aminoacyl-tRNA Synthetases.” *Molecular and Cellular Biology* **19** (June): 4039-4046.
- Carrola, Anthony.** 2015a. “Civil War About Slavery—really? Part 1: The Preliminary Evidence.” *Christian Conservative Life* 17 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015b. “Civil War About Slavery—really? Part 2: Abraham Lincoln.” *Christian Conservative Life* 20 July posting (online text at christiansconservativelife.wordpress.com

- accessed 9/5/2015).
- . 2015c. “Civil War About Slavery—really? Part 3: Lincoln and Davis.” *Christian Conservative Life* 22 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015d. “Civil War About Slavery—really? Part 4: The Northern Generals.” *Christian Conservative Life* 23 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015e. “Civil War About Slavery—really? Part 5: The Southern Generals.” *Christian Conservative Life* 27 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015f. “Civil War About Slavery—really? Part 6: Europe (Mostly Britain).” *Christian Conservative Life* 28 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015g. “Civil War About Slavery—really? Part 7: Reasons and Conclusions.” *Christian Conservative Life* 30 July posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015h. “Evolution Debunked, Part 1: Theory or Hypothesis?” *Christian Conservative Life* 28 August posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015i. “Evolution Debunked, Part 2: The Fossil Record.” *Christian Conservative Life* 31 August posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015j. “Evolution Debunked, Part 3: Punctuated Equilibrium.” *Christian Conservative Life* 2 September posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- . 2015k. “Evolution Debunked, Part 4: The Geological Column.” *Christian Conservative Life* 4 September posting (online text at christiansconservativelife.wordpress.com accessed 9/5/2015).
- Carroll, Chris.** 2009. “Pterosaur Takeoff.” *National Geographic* **216** (September): 16.
- Carroll, Conn.** 2008. “Win Ben Stein’s Popcorn.” Heritage Foundation *Morning Bell* 15 April posting (online text at blog.heritage.org accessed 11/27/2012).
- Carroll, John T.,** with **Alexandra R. Brown, Claudia J. Setzer, & Jeffrey S. Siker.** 2000. *The Return of Jesus in Early Christianity*. Peabody, MA: Hendrickson Publishers.
- Carroll, Joseph.** 2001. “Public Overestimates U.S. Black and Hispanic Populations.” *Gallup Poll* 4 June posting (online text at gallup.com accessed 10/20/2012).
- Carroll, Robert L.** 1964. “The Relationships of the Rhachitomous Amphibian *Parioxys*.” *American Museum Novitates* **2167** (21 February): 1-11.
- . 1969. “A New Family of Carboniferous Amphibians.” *Palaeontology* **12** (Se4er): 537-548.
- . 1970. “The ancestry of reptiles.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **257** (19 February): 267-308.
- . 1988. *Vertebrate Paleontology and Evolution*. New York: W. H. Freeman & Co.
- . 1995. “Between fish and amphibian.” *Nature* **373** (2 February): 389-390.
- . 2000. “Towards a new evolutionary synthesis.” *Trends in Ecology & Evolution* **15** (January): 27-32.
- . 2001. “The Origin and Early Radiation of Terrestrial Vertebrates.” *Journal of Paleontology* **75** (November): 1202-1213.
- . 2012. “The Importance of Recognizing Our Limited Knowledge of the Fossil Record in the Analysis of Phylogenetic Relationships among Early Tetrapods.” *Fieldiana Life and Earth Sciences* **5**: 5-16.
- Carroll, Robert L., & Pamela Gaskill.** 1978. “The order Microsauria.” *Memoirs of the American Philosophical Society* **126**: 1–211.
- Carroll, Robert L., & Robert B. Holmes.** 2007. “Evolution of the Appendicular Skeleton of ‘Amphibians,’” in Hall (2007, 185-224).
- Carroll, Robert L., Jason Irwin, & David M. Green.** 2005. “Thermal physiology and the

- origin of terrestriality in vertebrates.” *Zoological Journal of the Linnean Society* **143** (March): 345-348.
- Carroll, Robert Todd.** 2001. “Mass Media Funk.” *The Skeptic’s Dictionary* entry (online text at *skepdic.com* accessed 8/22/2001).
- . 2002. “The Alternative Science Pages of Richard Milton.” *The Skeptic’s Dictionary* entry (online text at *skepdic.com* accessed 1/8/2008).
- . 2010. “Zecharia Sitchin and *The Earth Chronicles*.” *The Skeptic’s Dictionary* entry, updated 11 January (online text at *skepdic.com* accessed 5/9/2010).
- . 2012. “Ray Comfort.” *The Skeptic’s Dictionary* entry, updated 20 February (online text at *skepdic.com* accessed 1/4/2013).
- . 2014a. “Pseudoscience.” *The Skeptic’s Dictionary* 13 January updated entry (online text at *skepdic.com* accessed 6/23/2017).
- . 2014b. “Sicher-Targ distant healing report.” *The Skeptic’s Dictionary* entry, updated 20 August (online text at *skepdic.com* accessed 3/4/2015).
- Carroll, Scott B., Peter Søgaard Jørgensen, Michael T. Kinnison, Carl T. Bergstrom, R. Ford Denison, Peter Gluckman, Thomas B. Smith, Sharon Y. Strauss, & Bruce E. Tabashnik.** 2014. “Applying evolutionary biology to address global challenges.” *Science* **346** (17 October): 1245993 (online at *sciencemag.org*).
- Carroll, Sean B.** 1994. “Developmental regulatory mechanisms in the evolution of insect diversity.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **120** (January Supplement): 217-223.
- . 1995. “Homeotic genes and the evolution of arthropods and chordates.” *Nature* **376** (10 August): 479-485.
- . 2000. “Endless Forms: The Evolution of Gene Regulation and Morphological Diversity.” *Cell* **101** (9 June): 577-580.
- . 2001. “The big picture.” *Nature* **409** (8 February): 669.
- . 2003. “Genetics and the making of *Homo sapiens*.” *Nature* **422** (24 April): 849-857.
- . 2005a. *Endless Forms Most Beautiful: The New Science of Evo Devo and the Making of the Animal Kingdom*. New York: W. W. Norton & Co.
- . 2005b. “Evolution at Two Levels: On Genes and Form.” *PLoS Biology* (online @ *plosbiology.org*) **3** (July): e245.
- . 2005c. “The Origins of Form.” *Natural History* **114** (November): 58-63.
- . 2006. “The Bloodless Fish of Bouvet Island: DNA and Evolution in Action.” *Skeptical Inquirer* **30** (September/October): 39-43.
- . 2007. “God as Genetic Engineer.” *Science* **316** (8 June): 1427-1428.
- . 2009. “Our Place in an Unnatural Universe,” in Brockman (2009, 41-51).
- . 2011. “How Great Wings Can Look Alike.” *Science* **333** (26 August): 1100-1101.
- Carroll, Sean B., Jennifer K. Grenier, & Scott D. Weatherbee.** 2001. *From DNA to Diversity: Molecular Genetics and the Evolution of Animal Design*. Oxford: Blackwell Science.
- Carroll, Sean B., Benjamin Prud’homme, & Nicholas Gompel.** 2008. “Regulating Evolution.” *Scientific American* **298** (May): 60-67.
- Carroll, Sean B., Scott D. Weatherbee, & James A. Langeland.** 1995. “Homeotic genes and the regulation and evolution of insect wing number.” *Nature* **375** (4 May): 58-61.
- Carroll, Sean Michael.** 2004. “Doubt and dissent are not tolerated.” *Preposterous Universe* 29 May posting (online text at *preposterousuniverse.blogspot.com* accessed 7/29/2014).
- . 2008. “The Cosmic Origins of Time’s Arrow.” *Scientific American* **298** (June): 48-53, 56-57.
- . 2011a. “Out There: Welcome to the Universe.” *Discover* **32** (October): online text accessed 3/17/2012 (*discovermagazine.com*).
- . 2011b. “Physics and the Immortality of the Soul.” *Free Inquiry* **31** (October/November): 48-49.
- . 2014. “Post-Debate Reflections.” *Preposterous Universe* 24 February posting (online text at *preposterousuniverse.blogspot.com* accessed 12/31/2015).
- Carroll, Sean Michael, & Christopher J. Marx.** 2013. “Evolution after Introduction of a Novel

- Metabolic Pathway Consistently Leads to Restoration of Wild-Type Physiology.” *PLoS Genetics* (online @ plosgenetics.org) **9** (April): e1003427.
- Carroll, Sean Michael, Eric A. Ortlund, & Joseph W. Thornton.** 2011. “Mechanisms for the Evolution of a Derived Function in the Ancestral Glucocorticoid Receptor.” *PLoS Genetics* (online @ plosgenetics.org) **7** (June): e1002117.
- Carroll, Serena A., Jonathan S. Towner, Tara K. Sealy, Laura K. McMullan, Marina L. Khristova, Felicity J. Burt, Robert Swanepoel, Pierre E. Rollin, & Stuart T. Nichol.** 2013. “Molecular Evolution of Viruses of the Family *Filoviridae* Based on 97 Whole-Genome Sequences.” *Journal of Virology* **87** (March): 2608-2616.
- Carroll, Vincent, & David Shiflett.** 2002. *Christianity on Trial: Arguments Against Anti-Religious Bigotry*. San Francisco: Encounter Books.
- Carrozza, Michael J., Rhea T. Utley, Jerry L. Workman, & Jacques Côté.** 2003. “The diverse functions of histone acetyltransferase complexes.” *Trends in Genetics* **19** (June): 321-329.
- Carruthers, Peter.** 2013. “Evolution of working memory.” *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10371-10378.
- Carruthers, Peter, Stephen Laurence, & Stephen Stich,** eds. 2005. *The Innate Mind: Structure and Content*. Oxford: Oxford University Press.
- Carruthers, R. A.** 1987. “Aeolian sedimentation from the Galtymore Formation (Devonian), Ireland.” *Geological Society, London, Special Publications* **35**: 251-268.
- Carstairs-McCarthy, Andrew.** 2003. “What proper names, and their absence, do not demonstrate.” *Behavioral and Brain Sciences* **26** (3): 288-289.
- Carstens, B. C., J. D. Degenhardt, A. L. Stevenson, & Jack Sullivan.** 2005. “Accounting for coalescent stochasticity in testing phylogeographical hypotheses: modelling Pleistocene population structure in the Idaho giant salamander *Dicamptodon aterrimus*.” *Molecular Ecology* **14** (January): 255-265.
- Cartault, François, Patrick Munier, Edgar Benko, Isabelle Desguerre, Sylvain Hanien, Nathalie Boddaert, Simonetta Bandiera, Jeanine Vellayoudom, Pascale Krejbich-Trotot, Marc Bintner, Jean-Jacques Hoarau, Muriel Giraud, Emmanuelle Génin, Pascale de Lonlay, Alain Fourmaintraux, Magali Naville, Diana Rodriguez, Josué Feingold, Michel Renouil, Arnold Munnich, Eric Westhof, Michael Föhling, Stanislas Lyonnet, & Alexandra Henrion-Caude.** 2012. “Mutation in a primate-conserved retrotransposon reveals a noncoding RNA as a mediator of infantile encephalopathy.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4980-4985.
- Carter A. M., & A. Mess.** 2007. “Evolution of the placenta in eutherian mammals.” *Placenta* **28** (April): 259-262.
- Carter, Andrew P.** 2013. “Crystal clear insights into how the dynein motor moves.” *Journal of Cell Science* **126** (1 February): 705-713.
- Carter, Anthony M.** 2012. “Evolution of Placental Function in Mammals: The Molecular Basis of Gas and Nutrient Transfer, Hormone Secretion, and Immune Responses.” *Physiological Reviews* **92** (October): 1543-1576.
- Carter, Ashley J. R., Elizabeth Osborne, & David Houle.** 2009. “Heritability of Directional Asymmetry in *Drosophila melanogaster*.” *International Journal of Evolutionary Biology* (online @ ncbi.nlm.nih.gov) **2009**: 759159.
- Carter, Bob.** 2006. “There IS a problem with global warming... it stopped in 1998.” *London Telegraph* posting 9 April: online text accessed 6/25/2011 (www.telegraph.co.uk).
- . 2013. “Report gives the truth about climate at last.” *Sydney Daily Telegraph* posting 17 September: online text accessed 11/1/2013 (www.dailytelegraph.co.au).
- Carter, Cameron S., Todd S. Braver, Deanna M. Barch, Matthew M. Botvinick, Douglas Noll, & Jonathan D. Cohen.** 1998. “Anterior Cingulate Cortex, Error Detection, and the Online Monitoring of Performance.” *Science* **280** (1 May): 747-749.
- Carter, Cameron S., Angus M. Macdonald, Matthew Botvinick, Laura L. Ross, V. Andrew Stenger, Douglas Noll, & Jonathan D. Cohen.** 2000. “Parsing executive processes: Strategic vs. evaluative functions of the anterior cingulate cortex.” *Proceedings of the*

- National Academy of Sciences* **97** (15 February): 1944-1948.
- Carter, Cameron S., Mark Mintun, Thomas Nichols, & Jonathan D. Cohen.** 1997. "Anterior Cingulate Gyrus Dysfunction and Selective Attention Deficits in Schizophrenia: [¹⁵O]H₂O PET Study During Single-Trial Stroop Task Performance." *The American Journal of Psychiatry* **154** (December): 1670-1675.
- Carter, Charles W. Jr.** 2008. "Thawing the 'Frozen Accident'." *Heredity* **100** (April): 339-340.
- . 2015. "What RNA World? Why a Peptide/RNA Partnership Merits Renewed Experimental Attention." *Life* (Basel) **5** (23 January): 294-320.
- Carter, C. W., & W. L. Duax.** 2002. "Did tRNA synthetase classes arise on opposite strands of the same gene?" *Molecular Cell* **10** (October): 705-708.
- Carter, Charles W. Jr., Li Li, Violetta Weinreb, Martha Collier, Katiria Gonzalez-Rivera, Mariel Jimenez-Rodriguez, Ozgün Erdogan, Brian Kuhlman, Xavier Ambroggio, Tishan Williams, & S. Niranj Chandrasekharan.** 2014. "The Rodin-Ohno hypothesis that two enzyme superfamilies descended from one ancestral gene: an unlikely scenario for the origins of translation that will not be dismissed." *Biology Direct* (online @ biomedcentral.com) **9** (8 April): 11.
- Carter, Charles W. Jr., & Richard Wolfenden.** 2015. "tRNA acceptor stem and anticodon bases form independent codes related to protein folding." *Proceedings of the National Academy of Sciences* **112** (16 June): 7489-7494.
- Carter, George F.** 1981. "The Emperor's New Clothes." *Anthropological Journal of Canada* **19** (4): 8-10.
- . 1982. "Questions: L'Anse aux Meadows Radiocarbon." *Anthropological Journal of Canada* **20** (2): 5-22.
- Carter, J., F. Poulet, J.-P. Bibring, & S. Murchie.** 2010. "Detection of Hydrated Silicates in Crustal Outcrops in the Northern Plains of Mars." *Science* **328** (25 June): 1682-1686.
- Carter, Joe.** 2009. "Breaking News: God Didn't Create the Heavens and Earth." *First Things* *First Thoughts* posting 12 October (online text at firstthings.com accessed 10/20/2010).
- Carter, Joseph J., Matthew D. Daugherty, Xiaojie Qi, Anjali Bheda-Malge, Gregory C. Wipf, Kristin Robinson, Ann Roman, Harmit S. Malik, & Denise A. Galloway.** 2013. "Identification of an overprinting gene in Merkel cell polyomavirus provides evolutionary insight into the birth of viral genes." *Proceedings of the National Academy of Sciences* **110** (30 July): 12744-12749.
- Carter, Kendra.** 2011. "Galliher to reintroduce released time bill." *Gadsden Times* (New Hampshire) posting 19 November: online text accessed 2/23/2012 (www.gadsdentimes.com).
- Carter, R. McKell, Daniel L. Bowling, Crystal Reeck, & Scott A. Huettel.** 2012. "A Distinct Role of the Temporal-Parietal Junction in Predicting Socially Guided Decisions." *Science* **337** (6 July): 109-111.
- Carter, Rita.** 1998. *Mapping the Mind*. Berkeley, CA: University of California Press.
- . 2002. *Exploring Consciousness*. Berkeley, CA: University of California Press.
- Carter, Matt.** 2001. "Lab scientists challenging Darwin 'Intelligent design' theory supports a thoughtful creator." *Review Evolution* 26 September posting of *Tri-Valley Herald* (San Francisco area) article (online text at www.reviewevolution.com accessed 2/26/2002).
- Carter, Robert W.** 2007. "Mitochondrial diversity within modern human populations." *Nucleic Acids Research* **35** (May # 9): 3039-3045.
- . 2008a. "Platypus thumbs its nose (or bill) at evolutionary scientists." *Creation Ministries International* posting 23 May (online text at creation.com accessed 5/16/2013).
- . 2008b. "Darwin's dying legacy." *Creation Ministries International* posting 10 June (online text at creation.com accessed 5/16/2013).
- . 2009. "The slow, painful death of junk DNA." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **23** (3): 12-13.
- . 2011a. "Five concise responses to atheistic arguments." *Creation Ministries International* posting 26 March (online text at creation.com accessed 5/16/2013).
- . 2011b. "Can mutations create new information?" *Journal of Creation* (AKA Answers in

- Genesis *Creation ex Nihilo Technical Journal* **25** (2): 92-98.
- . 2012. "Aerospace Engineer professes creation." *Answers in Genesis Creation* **34** (April): 32-34.
- Carter, Robert W., & John C. Sanford.** 2012. "A new look at an old virus: patterns of mutation accumulation in the human H1N1 influenza virus since 1918." *Theoretical Biology and Medical Modelling* (online @ tbiomed.com) **9** (October): 42.
- Carter, Stephen L.** 1987. "Evolutionism, Creationism, and Treating Religion as a Hobby." *Duke University Duke Law Journal* **1987** (December): 977-996.
- . 1993. *The Culture of Disbelief: How American Law and Politics Trivialize Religious Devotion*. New York: Basic Books.
- . 2001. *God's Name in Vain: The Wrongs and Rights of Religion in Politics*. New York: Basic Books.
- Carter-Kahn, Isabel.** 2015. "Jim Bakker Blames Witches For Televangelists' Scandals." People for the American Way *Right Wing Watch* 30 November posting (online text at www.rightwingwatch.org accessed 12/2/2015).
- Cartledge, Paul.** 2004. "Alexander the Great: Hunting for a New Past?" *History Today* July article posting (online text at www.historytoday.com accessed 9/22/2014).
- Cartlidge, Edwin.** 2011. "Quake Experts to Be Tried for Manslaughter." *Science* **332** (3 June): 1135-1136.
- . 2012a. "Loose Cable May Unravel Faster-Than-Light Result." *Science* **335** (2 March): 1027.
- . 2012b. "What Reionized the Universe?" *Science* **336** (1 June): 1095-1096.
- . 2012c. "Italian Government Slams Brakes on 'Piezonuclear' Fission." *ScienceInsider* posting 11 June (online text at news.sciencemag.org accessed 5/3/2015).
- . 2012d. "Prison Terms for L'Aquila Experts Shock Scientists." *Science* **338** (26 October): 451-452.
- . 2012e. "Convictions Leave Italy's Civil Protection in Chaos." *Science* **338** (2 November): 588-590.
- . 2014. "Human Activity May Have Triggered Fatal Italian Earthquakes, Panel Says." *Science* **344** (11 April): 141.
- Cartmill, Matt.** 1998. "Animal Minds, Animal Dreams." *Natural History* **107** (March): 16-20.
- . 2000. "Animal consciousness: Some philosophical, methodological, and evolutionary problems." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 835-846.
- . 2011. "Turtles All the Way Down: The *Atlas of Creation*." *Reports of the National Center for Science Education* **31** (March-April): 1.1-1.10.
- Cartmill, Matt, & Irene Lofstrom.** 2000. "Introduction to the Symposium: Animal consciousness: Historical, theoretical, and empirical perspectives." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 833-834.
- Cartmill, Matt, David Pilbeam, & Glynn Isaac.** 1986. "One Hundred Years of Paleoanthropology." *American Scientist* **74** (July-August): 410-420.
- Cartron, Laure.** 2003. "Pathological Heredity as a Bid for Greater Recognition of Medical Authority in France, 1800-1830." *A Cultural History of Heredity II: 18th and 19th Centuries* Conference, 123-130. Berlin: Max Planck Institute for the History of Science (P247.pdf online text at www.mpiwg-berlin.mpg accessed 3/12/2009).
- Cartwright, John.** 2010. "Naturalising Ethics: The Implications of Darwinism for the Study of Moral Philosophy." *Science & Education* **19** (May): 407-443.
- Cartwright, Paulyn.** 2003. "Developmental Insights into the Origin of Complex Colonial Hydrozoans." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 82-86.
- Cartwright, Paulyn, Julia Bowsher, & Leo W. Buss.** 1999. "Expression of a Hox gene, *Cnox-2*, and the division of labor in a colonial hydroid." *Proceedings of the National Academy of Sciences* **96** (2 March): 2183-2186.
- Cartwright, Paulyn, & Allen Collins.** 2007. "Fossils and phylogenies: integrating multiple lines

- of evidence to investigate the origin of early major metazoan lineages.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 744-751.
- Cartwright, Paulyn, Nathaniel M. Evans, Casey W. Dunn, Antonio C. Marques, Maria Pia Miglietta, Peter Schuchert, & Allen G. Collins.** 2008. “Phylogenetics of Hydroidolina (Hydrozoa: Cnidaria).” *Journal of the Marine Biological Association of the United Kingdom* **88** (December): 1663-1672.
- Cartwright, Paulyn, Susan L. Halgedahl, Jonathan R. Hendricks, Richard D. Jarrard, Antonio C. Marques, Allen G. Collins, & Bruce S. Lieberman.** 2007. “Exceptionally Preserved Jellyfishes from the Middle Cambrian.” *PLoS ONE* (online @ plosone.org) **2** (October): e1121.
- Cartwright, Reed A.** 2004. “Religiously Motivated Incredulity.” *Panda’s Thumb* posting 3 May (online text at pandasthumb.org accessed 12/29/2010).
- . 2005. “ID and Assault.” *Talk Reason* 11 December posting (online text at talkreason.org accessed 12/11/2005).
- . 2007. “Gimme that old Pharisee religion.” *Talk Reason* 20 February posting (online text at talkreason.org accessed 2/22/2007).
- . 2009a. “Science Gets Cut.” *Panda’s Thumb* posting 5 February (online text at pandasthumb.org accessed 2/9/2009).
- . 2009b. “Sexperts Under Fire.” *De Rerum Natura* posting 10 February (online text at dererumnatura.us accessed 2/10/2009).
- . 2009c. “Press Release: SICB Boycotts Louisiana.” *Panda’s Thumb* posting 14 February (online text at pandasthumb.org accessed 2/16/2009).
- . 2009d. “Scientists to Texas BOE: Teach Evolution Right!” *Panda’s Thumb* posting 25 March (online text at pandasthumb.org accessed 3/25/2009).
- . 2011a. “PICS-Ord or: How to Stop Worrying and Use Ambiguous Regions in Phylogenetic Analysis.” *Panda’s Thumb* posting 30 January (online text at pandasthumb.org accessed 1/30/2011).
- . 2011b. “Answers in Genesis Steals Money from Couple.” *Panda’s Thumb* posting 12 February (online text at pandasthumb.org accessed 2/13/2011).
- . 2011c. “Bards, Poets, and Cliques: Frequency-Dependent Selection and the Evolution of Language Genes.” *Bulletin of Mathematical Biology* **73** (September): 2201-2212.
- Caruso, C. M.** 2006. “The ecological genetics of floral traits.” *Heredity* **97** (August): 86-87.
- Caruso, Eugene M., Nicole L. Mead, & Emily Balcetis.** 2009. “Political partisanship influences perception of biracial candidates’ skin tone.” *Proceedings of the National Academy of Sciences* **106** (1 December): 20168-20173.
- Caruso, Gregg D.** 2015. “Does Disbelief in Free Will Increase Anti-Social Behavior?” *Psychology Today* posting 16 October (online text at psychologytoday.com accessed 10/19/2015).
- Carvalho, Antonio Bernardo, Beatriz Vicoso, Claudia A. M. Russo, Bonnielin Swenor, & Andrew G. Clark.** 2015. “Birth of a new gene on the Y chromosome of *Drosophila melanogaster*.” *Proceedings of the National Academy of Sciences* **112** (6 October): 12450-12455.
- Carvalho, Murilo, Flávio Alicino Bockman, & Marcelo Rodrigues de Carvalho.** 2013. “Homology of the Fifth Epibranchial and Accessory Elements of the Ceratobranchials among Gnathostomes: Insights from the Development of Ostariophysans.” *PLoS ONE* (online @ plosone.org) **8** (April): e62389.
- Carvalho, Olga, & Carlos Gonçalves.** 2011. “Comparative Physiology of the Respiratory System in the Animal Kingdom.” *The Open Biology Journal* (online @ benthamopen.com) **4** (10 January): 35-46.
- Carvalho-Santos, Zita, Juliette Azimzadeh, José B. Pereira-Leal, & Mónica Bettencourt-Dias.** 2011. “Tracing the origins of centrioles, cilia, and flagella.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **194** (25 July): 165-175.
- Carver, J. H.** 1981. “Prebiotic atmospheric oxygen levels.” *Nature* **292** (9 July): 136-138.

- Carvunis, Anne-Ruxandra, Thomas Rolland, Ilan Wapinski, Michael A. Calderwood, Muhammed A. Yildirim, Nicolas Simonis, Benoit Charloteaux, César A. Hidalgo, Justin Barbette, Balaji Santhanam, Gloria A. Brar, Jonathan S. Weissman, Aviv Regev, Nicolas Thierry-Mieg, Michael E. Cusick, & Marc Vidal.** 2012. “Proto-genes and *de novo* gene birth.” *Nature* **487** (19 July): 370-374.
- Carwardine, Richard.** 2006. *Lincoln: A Life of Purpose and Power*. US version of 2003 UK ed. New York: Alfred A. Knopf.
- CAS (Colectivo Arqueológico-Paleontológico Salense). 2006. *Actas de las III Jornadas Internacionales sobre Paleontología de Dinosaurios y su Entorno*. Burgos, Spain: Salas de Los Infantes.
- Casadevall, Arturo, & Liise-anne Pirofski.** 2014. “Ditch the term pathogen.” *Nature* **516** (11 December): 165-166.
- Casal, Diogo, António Peças, Daniel Sousa, & Jorge Rosa-Santos.** 2010. “A non-recurrent inferior laryngeal nerve in a man undergoing thyroidectomy: a rare case.” *Journal of Medical Case Reports* (online @ jmedicalcasereports.com) **4** (November): 386.
- Casali, Adenauer G., Olivia Gosserries, Mario Rosanova, Mélanie Boly, Simone Sarasso, Karina R. Casali, Silvia Casarotto, Marie-Aurélié Bruno, Steven Laureys, Giulio Tononi, & Marcello Massimini.** 2013. “A Theoretically Based Index of Consciousness Independent of Sensory Processing and Behavior.” *Science Translational Medicine* **5** (14 August): 198ra105.
- Casals, Ferran, & Jaume Bertranpetit.** 2012. “Human Genetic Variation, Shared and Private.” *Science* **337** (6 July): 39-40.
- Casals, Ferran, Anna Ferrer-Admetlla, Martin Sikora, Anna Ramírez-Soriano, Tomàs Marquès-Bonet, Stéphanie Desplau, Francis Roubinet, Francesc Calafell, Jaume Bertranpetit, & Antoine Blancher.** 2009. “Human pseudogenes of the ABO family show a complex evolutionary dynamics and loss of function.” *Glycobiology* **19** (June): 583-591.
- Casane, Didier, & Patrick Laurenti.** 2013. “Why coelacanth are not ‘living fossils’: A review of molecular and morphological data.” *BioEssays* **35** (April): 332-338.
- Casanova, Manuel F., Andrew E. Switala, Juan Trippe, & Michael Fitzgerald.** 2007. “Comparative minicolumnar morphology of three distinguished scientists.” *Autism* **11** (November): 557-569.
- Casanova, Manuel, & Juan Trippe.** 2009. “Radial cytoarchitecture and patterns of cortical connectivity in autism.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1433-1436.
- Casanova, Manuel F., Juan Trippe II, Christopher Tillquist, & Andrew E. Switala.** 2009. “Morphometric viability of minicolumns in the striate cortex of *Homo sapiens*, *Macaca mulatta*, and *Pan troglodytes*.” *Journal of Anatomy* **214** (February): 226-234.
- Casanovas-Vilar, Isaac, & David M. Alba.** 2011. “The never-ending problem of Miocene beaver taxonomy.” *Acta Palaeontologica Polonica* **56** (1): 217-220.
- Casanovas-Vilar, Isaac, David M. Alba, Miguel Garcés, Josep M. Robles, & Salvador Moyà-Solà.** 2011. “Updated chronology for the Miocene hominoid radiation in Western Eurasia.” *Proceedings of the National Academy of Sciences* **108** (5 April): 5554-5559.
- Casares, J., I. Negueruela, M. Ribó, I. Ribas, J. M. Paredes, A. Herrero, & S. Simón-Díaz.** 2014. “A Be-type star with a black-hole companion.” *Nature* **505** (16 January): 378-381.
- Casas, Jérôme, ed.** 2011. *Advances in Insect Physiology. Vol. 41*. Burlington, VT: Academic Press.
- Casoli, Manuela, Luca Federici, Francesco Spinelli, Adele Di Matteo, Nicoletta Vella, Flavio Scalonì, Juan Fernandez-Recio, Felice Cervone, & Giulia De Lorenzo.** 2009. “Integration of evolutionary and desolvation energy analysis identifies functional sites in a plant immunity protein.” *Proceedings of the National Academy of Sciences* **106** (5 May): 7666-7671.
- Casás-Selves, Matias, & James DeGregori.** 2011. “How Cancer Shapes Evolution and How Evolution Shapes Cancer.” *Evolution: Education & Outreach* **4** (December): 624-634.
- Cascales, Eric, Roland Llobès, & James N. Sturgis.** 2001. “The TolQ-TolR proteins energize

- TolA and share homologies with the flagellar motor proteins MotA-MotB.” *Molecular Microbiology* **42** (November): 795-807.
- Case, Gerard R.** 1982. *A Pictorial Guide to Fossils*. New York: Van Nostrand Reinhold Company.
- Case, Steven, Carol Williamson, Stephen Angel, Rick Badley, Jim Benz, Ken Bingman, Nancy Bohler, Linda Carlton, Nikki Cooper, Janice Crowley, Larry Downing, Angela Epps, Dave Kraemer, Jack Krebs, Jay Nicholson, Twyla Sherman, John Staver, Sandy Tauer, & John Yost.** 2007. “Kansas Science Education Standards.” *Kansas State Department of Education* August revised version (online pdf at www.ksde.org accessed 11/21/2013).
- Casenove, David, Taichiro Goto, & Jean Vannier.** 2011. “Relation between anatomy and lifestyles in Recent and Early Cambrian chaetognaths.” *Paleobiology* **37** (November): 563-576.
- Casewell, Nicholas R., Gavin A. Huttley, & Wolfgang Wüster.** 2012. “Dynamic evolution of venom proteins in squamate reptiles.” *Nature Communications* (online @ nature.com) **3** (18 September): 1066.
- Casewell, Nicholas R., Simon C. Wagstaff, Wolfgang Wüster, Darren A. N. Cook, Fiona M. S. Bolton, Sarah I. King, Davinia Pla, Libia Sanz, Juan J. Calvete, & Robert A. Harrison.** 2014. “Medically important differences in snake venom composition are dictated by distinct postgenomic mechanisms.” *Proceedings of the National Academy of Sciences* **111** (24 June): 9205-9210.
- Casey, B. J.** 2015. “Beyond Simple Models of Self-Control to Circuit-Based Accounts of Adolescent Behavior.” *Annual Review of Psychology* **66**: 295-319.
- Casey, B. J., Rebecca M. Jones, & Todd A. Hare.** 2008. “The Adolescent Brain.” *Annals of the New York Academy of Sciences* **1124** (March): 111-126.
- Casey, B. J., Leah H. Somerville, Ian H. Gotlib, Ozlem Ayduk, Nicholas T. Franklin, Mary K. Askren, John Jonides, Marc G. Berman, Nicole L. Wilson, Theresa Teslovich, Gary Glover, Vivian Zayas, Walter Mischel, & Yuichi Shoda.** 2011. “Behavioral and neural correlates of delay of gratification 40 years later.” *Proceedings of the National Academy of Sciences* **108** (6 September): 14998-15003.
- Casey, Edward S.** 2003. “Imagination, Fantasy, Hallucination, and Memory,” in Phillips & Morley (2003a, 65-91).
- Casey, Michelle M., Perry Kennard, & Bruce S. Lieberman.** 2014. “Introduction to the Trilobites: Morphology, Ecology, Macroevolution and More.” *University of Kansas (Lawrence)* posting (online pdf at phylo.bio.ku.edu accessed 6/15/2017).
- Cash, Mary Ellen.** 2017. Collier County, Florida 1 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Cash, Sydney S., Eric Halgren, Nima Dehghani, Andrea O. Rossetti, Thomas Thesen, ChunMao Wang, Orrin Devinsky, Ruben Kuzniecky, Werner Doyle, Joseph R. Madsen, Edward Bromfield, Loránd Eröss, Péter Halász, George Karmos, Richárd Cserecsa, Lucia Wittner, & István Ulbert.** 2009. “The Human K-Complex Represents an Isolated Cortical Down-State.” *Science* **324** (22 May): 1084-1087.
- Cashill, Jack.** 1999. “The fossil record has yet to prove Darwin right.” *Cashill.com* posting of 21 August *The Star* article (online text at www.cashill.com accessed 11/22/2013).
- . 2000. “The Natural Selection Election.” *The Weekly Standard* **5** (31 July): 16-17.
- . 2002. “Why Kansas Catholics Opposed The Teaching of Evolution.” *The Errant Skeptics Research Institute* undated posting (online text at www.errantskeptics.org accessed 10/17/2002).
- . 2011. “We Know More About Jesus’s Birth Than Obama’s.” *American Thinker* posting 25 December (online text at americanthinker.com accessed 4/8/2014).
- . 2012. “Benghazi Cover-up Smells Like TWA 800.” *Cashill.com* posting of 24 October *World Net Daily* article (online text at www.cashill.com accessed 11/22/2013).
- Cashmore, Anthony R.** 2010. “The Lucretian swerve: The biological basis of human behavior and the criminal justice system.” *Proceedings of the National Academy of Sciences* **107** (9

- March): 4499-4504.
- Casier, Jean-Georges, Xavier Devleeschouwer, Francis Lethiers, Alain Pr at, & Grzegorz Racki.** 2002. "Ostracods and fore-reef sedimentology of the Frasnian-Famennian boundary beds in Kielce (Holy Cross Mountains, Poland)." *Acta Palaeontologica Polonica* **47** (2): 227-246.
- Casola, Claudio, A. Michelle Lawing, Esther Bertr n, & C dric Feschotte.** 2007. "PIF-like Transposons are Common in Drosophila and Have Been Repeatedly Domesticated to Generate New Host Genes." *Molecular Biology and Evolution* **24** (August): 1872-1888.
- Caspar, Emilie A., Julia F. Christensen, Axel Cleeremans, & Patrick Haggard.** 2016. "Coercion Changes the Sense of Agency in the Human Brain." *Current Biology* **26** (7 March): 585-592.
- Caspar, Emilie A., Laur ne Vuillaume, Pedro A. Magalh es De Saldanha da Gama, & Axel Cleeremans.** 2017. "The Influence of (Dis)belief in Free Will on Immoral Behavior." *Frontiers in Psychology* (online @ frontiersin.org) **8** (17 January): 20.
- Cassata, William S., & Paul R. Renne.** 2012. "Fossil raindrops and ancient air." *Nature* **484** (19 April): 322-324.
- Cassell, Elizabeth J., Stephan A. Graham, & C. Page Chamberlain.** 2009. "Cenozoic tectonic and topographic evolution of the northern Sierra Nevada, California, through stable isotope paleoaltimetry in volcanic glass." *Geology* **37** (June): 547-550.
- Cassidy, Jon.** 2011. "Atheists' billboard quote isn't Jefferson's." *The Orange County Register* 28 October updated posting: online text accessed 11/19/2011 (*ocregister.com*).
- Cassidy, Lara M., Rui Martiniano, Eileen M. Murphy, Matthew D. Teasdale, James Mallory, Barrie Hartwell, & Daniel G. Bradley.** 2016. "Neolithic and Bronze Age migration to Ireland and establishment of the insular Atlantic genome." *Proceedings of the National Academy of Sciences* **113** (12 January): 368-373.
- Cassidy, Lauren.** 2010. "The Utilization of MALDI Surfaces to Improve Detection of Abiotically Polymerized RNA." NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at *astrobiology.nasa.gov* accessed 11/17/2010).
- Casson, Lionel.** 1971. *Ships and Seamanship in the Ancient World*. Princeton, NJ: Princeton University Press.
- . 1998. *Everyday Life in Ancient Rome*. Rev. ed. Baltimore, MD: Johns Hopkins University Press.
- Castaneda, Carlos.** 1968. *The Teachings of Don Juan: A Yaqui Way of Knowledge*. 1975 pb ed. New York: Pocket Books.
- . 1971. *A Separate Reality: Further Conversations with Don Juan*. 1974 pb ed. New York: Pocket Books.
- . 1972. *Journey to Ixtlan: The Lessons of Don Juan*. 1974 pb ed. New York: Pocket Books.
- . 1974. *Tales of Power*. New York: Simon & Schuster.
- Casta eda, Isla S., Stefan Mulitza, Enno Schefu , Raquel A. Lopes dos Santos, Jaap S. Sinninghe Damst , & Stefan Schouten.** 2009. "Wet phases in the Sahara/Sahel region and human migration patterns in North Africa." *Proceedings of the National Academy of Sciences* **106** (1 December): 20159-20163.
- Casteleyn, Griet, Frederik Leliaert, Thierry Backeljau, Ann-Eline Debeer, Yuichi Kotaki, Lesley Rhodes, Nina Lundholm, Koen Sabbe, & Wym Vyverman.** 2010. "Limits to gene flow in a cosmopolitan marine planktonic diatom." *Proceedings of the National Academy of Sciences* **107** (20 July): 12952-12957.
- Castellan Baldan, Lissandra, Kyle A. Williams, Jean-Dominique Gallezot, Vladimir Pogorelov, Maximiliano Rapanelli, Michael Crowley, George M. Anderson, Erin Loring, Roxanne Gorczyca, Eileen Billingslea, Suzanne Wasylink, Kaitlyn E. Panza, A. Gulhan Ercan-Sencicek, Kuakarun Krusong, Bennett L. Leventhal, Hiroshi Ohtsu, Michael H. Bloch, Zo  A. Hughes, John H. Krystal, Linda Mayes, Ivan de Araujo, Yu-Shin Ding, Matthew W. State, & Christopher Pittenger.** 2014. "Histidine

- Decarboxylase Deficiency Causes Tourette Syndrome: Parallel Findings in Humans and Mice.” *Neuron* **81** (8 January): 77-90.
- Castellani, Christopher, Joachim T. Haug, Carolin Haug, Andreas Maas, Brigitte Schoenemann, & Dieter Waloszek.** 2012. “Exceptionally Well-Preserved Isolated Eyes from Cambrian ‘Orsten’ Fossil Assemblages of Sweden.” *Palaeontology* **55** (May): 553-566.
- Castellano, Sergi, Genis Parra, Federico A. Sánchez-Quinto, Fernando Racimo, Martin Kuhlwilm, Martin Kircher, Susanna Sawyer, Qiaomei Fu, Anja Heinze, Birgit Nickel, Jesse Dabney, Michael Siebauer, Louise White, Hernán A. Burbano, Gabriel Renaud, Udo Stenzel, Carles Lalueza-Fox, Marco de la Rasilla, Antonio Rosas, Pavao Rudan, Dejana Brajković, Željko Kucan, Ivan Gušić, Michael V. Shunkov, Anatoli P. Derevianko, Bence Viola, Matthias Meyer, Janet Kelso, Aida M. Andrés, & Svante Pääbo.** 2014. “Patterns of coding variation in the complete exomes of three Neandertals.” *Proceedings of the National Academy of Sciences* **111** (6 May): 6666-6671.
- Castellanos, M., D. B. Wilson, & M. L. Shuler.** 2004. “A modular minimal cell model: Purine and pyrimidine transport and metabolism.” *Proceedings of the National Academy of Sciences* **101** (27 April): 6681-6686.
- Castelli, Fulvia, Chris Frith, Francesca Happé, & Uta Frith.** 2002. “Autism, Asperger syndrome and brain mechanisms for the attribution of mental states to animated shapes.” *Brain* **125** (August): 1839-1849.
- Castelvecchi, Davide.** 2014. “Mite and ant locked together in amber.” *Nature News* (10 September) posting (online text at *nature.com* accessed 3/18/2016).
- Castillo, Daniel, Rói Hammershaimb Christiansen, Inger Dalsgaard, Lone Madsen, Romilio Espejo, & Mathias Middelboe.** 2016. “Comparative Genome Analysis Provides Insights into the Pathogenicity of *Flavobacterium psychrophilum*.” *PLoS ONE* (online @ plosone.org) **11** (April): e0152515.
- Castleton, Kenneth B.** 1984. *Petroglyphs and Pictographs of Utah Volume One: The East and Northeast*. Salt Lake City: Utah Museum of Natural History.
- . 1987. *Petroglyphs and Pictographs of Utah Volume Two: The South, Central, West and Northwest*. Salt Lake City: Utah Museum of Natural History.
- Castoe, Todd A., A. P. Jason de Koning, Kathryn T. Hall, Daren C. Card, Drew R. Schield, Matthew K. Fujita, Robert P. Ruggiero, Jack F. Degner, Juan M. Daza, Wanjun Gu, Jacobo Reyes-Velasco, Kyle J. Shaney, Jill M. Castoe, Samuel E. Fox, Alex W. Poole, Daniel Polanco, Jason Dobry, Michael W. Vanderwege, Qing Li, Ryan K. Schott, Aurélie Kapusta, Patrick Minx, Cédric Feschotte, Peter Uetz, David A. Ray, Federico G. Hoffmann, Robert Bogden, Eric N. Smith, Belinda S. W. Chang, Freek J., Vonk, Nicholas R. Casewell, Christiaan V. Henkel, Michael K. Richardson, Anne M. Bronikowski, Mark Yandell, Wesley C. Warren, Stephen N. Secor, & David D. Pollock.** 2013. “The Burmese python genome reveals the molecular basis for extreme adaptation in snakes.” *Proceedings of the National Academy of Sciences* **110** (17 December): 20645-20650.
- Castoe, Todd A., Zhi J. Jiang, Wanjun Gu, Zhengyuan O. Wang, & David D. Pollock.** 2008. “Adaptive Evolution and Functional Redesign of Core Metabolic Proteins in Snakes.” *PLoS ONE* (online @ plosone.org) **3** (May): e2201.
- Castoe, Todd A., A. P. Jason de Koning, Hyun-Min Kim, Wanjun Gu, Brice P. Noonan, Gavin Naylor, Zhi J. Jiang, Christopher L. Parkinson, & David D. Pollock.** 2009. “Evidence of an ancient adaptive episode of convergent molecular evolution.” *Proceedings of the National Academy of Sciences* **106** (2 June): 8986-8991.
- Castresana, Jose.** 2001. “Cytochrome *b* Phylogeny and the Taxonomy of Great Apes and Mammals.” *Molecular Biology and Evolution* **18** (April): 465-471.
- . 2007. “Topological variation in single-gene phylogenetic trees.” *Genome Biology* (online @ genomebiology.com) **8** (13 June): 216.
- Castresana, Jose, Gertraud Feldmaier-Fuchs, & Svante Pääbo.** 1998. “Codon reassignment and amino acid composition in hemichordate mitochondria.” *Proceedings of the National*

- Academy of Sciences* **95** (31 March): 3703-3707.
- Castresana, Jose, Gertraud Feldmaier-Fuchs, Shin-ichi Yokobori, Norijuki Satoh, & Svante Pääbo.** 1998. "The Mitochondrial Genome of the Hemichordate *Balanoglossus carnosus* and the Evolution of Deuterostome Mitochondria." *Genetics* **150** (November): 1115-1123.
- Castresana, Jose, Mathias Lübben, Matti Saraste, & Desmond G. Higgins.** 1994. "Evolution of cytochrome oxidase, an enzyme older than atmospheric oxygen." *The EMBO Journal* **13** (1 June): 2516-2525.
- Castresana, Jose, & David Moreira.** 1999. "Respiratory Chains in the Last Common Ancestor of Living Organisms." *Journal of Molecular Evolution* **49** (October): 453-460.
- Castro, Jason.** 2012. "The Brain May Disassemble Itself in Sleep." *Scientific American Mind* (May): online text accessed 6/20/2012 (scientificamerican.com).
- Castro, L. Filipe C., Stacy L. K. Rasmussen, Peter W. H. Holland, Nicholas D. Holland, & Linda Z. Holland.** 2006. "A Gbx homeobox gene in amphioxus: Insights into ancestry of the ANTP class and evolution of the midbrain/hindbrain boundary." *Developmental Biology* **295** (1 July): 40-51.
- Castro, Mauro A. A., Rodrigo J. S. Dalmolin, José C. F. Moreira, José C. M. Mombach, & Rita M. C. de Almeida.** 2008. "Evolutionary origins of human apoptosis and genome-stability networks." *Nucleic Acids Research* **36** (November #19): 6269-6283.
- Castro-Chávez, Fernando.** 2010. "The rules of variation: Amino acid exchange according to the rotating circular genetic code." *Journal of Theoretical Biology* **264** (7 June): 711-721.
- . 2012a. "Fernando Castro Chávez - About." *Google+* undated posting (online text at plus.google.com accessed 12/12/2012).
- . 2012b. "A Tetrahedral Representation of the Genetic Code Emphasizing Aspects of Symmetry." *BIO-Complexity* (online @ bio-complexity.org) **2012** (2): 1-6.
- Caswell, Bryony A., Angela L. Coe, & Anthony S. Cohen.** 2009. "New range data for marine invertebrate species across the early Toarcian (Early Jurassic) mass extinction." *Journal of the Geological Society, London* **166** (September): 859-872.
- Català, Jesús I., & Juli G. Peretó.** 2002. "Early Spanish Scientific Writings on the Origin of Life." *Universitat de Valencia* posting (online pdf at www.valencia.edu accessed 7/25/2015).
- Cataldo, Franco, Susana Iglesias-Groth, Giancarlo Angelini, & Yaser Hafez.** 2013. "Stability toward High Energy Radiation of Non-Proteinogenic Amino Acids: Implications for the Origins of Life." *Life* (online @ www.mdpi.com) **3** (September): 449-473.
- Catalfamo, Marta, Micheke Di Mascio, Zonghui Hu, Sharat Srinivasula, Vishakha Thaker, Joseph Adelsberger, Adam Rupert, Michael Baseler, Yutaka Tagaya, Gregg Roby, Catherine Rehm, Dean Follmann, & H. Clifford Lane.** 2008. "HIV infection-associated immune activation occurs by two distinct pathways that differentially affect CD4 and CD8 T cells." *Proceedings of the National Academy of Sciences* **105** (16 December): 19851-19856.
- Catalucci, Brian.** 1999. "God's Word—The Only Authority on Origins." *Rocky Mountain Creation Fellowship* May posting (online text at youngearth.org accessed 11/7/2010).
- Catania, A. Charles.** 2008. "Brain and behavior: Which way does the shaping go?" *Behavioral and Brain Sciences* **31** (5): 516-517.
- Catania, Francesco, & Michael Lynch.** 2013. "A simple model to explain evolutionary trends of eukaryotic gene architecture and expression." *BioEssays* **35** (June): 561-570.
- Catania, Kenneth C.** 2000. "A Star Is Born." *Natural History* **109** (June): 66-69.
- . 2012. "Evolution of brains and behavior for optimal foraging: A tale of two predators." *Proceedings of the National Academy of Sciences* **109** (26 June): 10701-10708.
- Catania, Kenneth C., R. Glenn Northcutt, & Jon H. Kaas.** 1999. "The development of a biological novelty: a different way to make appendages as revealed in the snout of the star-nosed mole *Condylura cristata*." *The Journal of Experimental Biology* **202** (15 October): 2719-2726.
- Catarino, Bruno, Alexander J. Hetherington, David M. Emms, Steven Kelly, & Liam Dolan.** 2016. "The Stepwise Increase in the Number of Transcription Factor Families in the

- Precambrian Predated the Diversification of Plants On Land.” *Molecular Biology and Evolution* **33** (November): 2815-2819.
- Catchpole, David.** 2000. “New evidence: Lucy was a knuckle-walker.” *Creation Ministries International* posting 5 May (online text at *creation.com* accessed 10/8/2009).
- . 2001a. “The bamboozling panda.” *Answers in Genesis Creation ex Nihilo* **23** (March): 28-32.
- . 2001b. “Life at the extremes.” *Answers in Genesis Creation* **24** (December): 40-41.
- . 2002. “Giant oysters on the mountain.” *Answers in Genesis Creation* **24** (March): 54-55.
- . 2003. “Hundreds of jellyfish fossils!” *Answers in Genesis Creation* **25** (September): 32-33.
- . 2006. “Fossil ant found alive!” *Answers in Genesis Creation* **28** (September): 56.
- . 2009. “Amber needed water (and lots of it).” *Answers in Genesis Creation* **31** (March): 20-22.
- . 2012a. “Time—no friend of evolution.” *Answers in Genesis Creation* **34** (July): 30-31.
- . 2012b. “A thorny issue.” *Answers in Genesis Creation* **34** (July): 52-55.
- . 2012c. “Supposed ‘icon of evolution’, *Archaeopteryx*, was ‘dressed for flight’ in modern, probably black, feathers.” *Creation Ministries International* posting 31 July (online text at *creation.com* accessed 3/19/2016).
- . 2013a. “Kauai’s silent nights (the crickets have gone quiet).” *Answers in Genesis Creation* **35** (January): 12-13.
- . 2013b. “‘Billions of years’ makes Christians *dumb* (and atheists *loud*).” *Creation Ministries International* 23 April posting (online text at *creation.com* accessed 10/15/2016).
- . 2013c. “‘Ape’ slur against Australian indigenous footballer Adam Goodes sparks anti-racism backlash—yet censorship still prevails.” *Creation Ministries International* posting 30 May (online text at *creation.com* accessed 11/13/2015).
- . 2013d. “Hadrosaur skin found.” *Creation Ministries International* posting 23 July (online text at *creation.com* accessed 8/21/2013).
- . 2013e. “Traffic clips wings.” *Answers in Genesis Creation* **35** (October): 19-20.
- . 2014a. “Seabed worm fossils still soft after 500 million years?” *Answers in Genesis Creation* **36** (September): 21-22.
- . 2014b. “The tarsier’s ‘secret speech’.” *Answers in Genesis Creation* **36** (October): 27-29.
- Catchpole, David, Jonathan Sarfati, & Carl Wieland, ed. Don Batten.** 2007. *The Creation Answers Book*. Powder Springs, GA: Creation Books Publishers.
- Catchpole, David, & Carl Wieland.** 2001. “Speedy species surprise: The rapid appearance today, of new varieties of fish, lizards, and more defies evolutionary expectations ... but fits perfectly with the Bible.” *Answers in Genesis Creation* **23** (March): 13-15.
- Cate, Jamie H., Anne R. Gooding, Elaine Podell, Kaihong Zhou, Barbara L. Golden, Craig E. Kundrot, Thomas R. Cech, & Jennifer A. Doudna.** 1996. “Crystal Structure of a Group I Ribozyme Domain: Principles of RNA Packing.” *Science* **273** (20 September): 1678-1685.
- Cates, N. L., & S. J. Mojzsis.** 2007. “Pre-3750 Ma supracrustal rocks from the Nuvvuagittuq supracrustal belt, northern Québec.” *Earth and Planetary Science Letters* **255** (15 March): 9-21.
- . 2009. “Metamorphic zircon, trace elements and Neoproterozoic metamorphism in the ca. 3.75 Ga Nuvvuagittuq supracrustal belt, Québec (Canada).” *Chemical Geology* **261** (15 April): 98-113.
- Cather, Steven M., Sean D. Connell, Richard M. Chamberlain, William C. McIntosh, Glen E. Jones, Andre R. Potochnik, Spencer G. Lucas, & Peggy S. Johnson.** 2008. “The Chuska erg: Paleogeomorphic and paleoclimatic implications of an Oligocene sand sea on the Colorado Plateau.” *The Geological Society of America GSA Bulletin* **120** (January): 13-33.
- Catherwood, Christopher.** 2007. *Making War in the Name of God*. New York: Citadel Press.
- Catholic Answers Forums.* 2006. “Is the Genesis creation story a Sumerian ripoff?” *Catholic*

- Answers Forums* 27 March posting (online text at *forums.catholic.com* accessed 5/19/2011).
- Catholic Culture*. 2010. "Bellarmine Theological Forum." *Catholic Culture* posting updated 29 September (online text at *www.catholicculture.org* accessed 6/20/2011).
- . 2013. "Increasing calls for Islamization in Bangladesh, including death penalty for blasphemy." *Catholic Culture CatholicWorld News* posting 29 April (online text at *www.catholicculture.org* accessed 5/5/2013).
- Catholic Herald*. 2010. "Papal Visit 2010: Pope's Holyroodhouse speech—full text." *Catholic Herald* posting 16 September (online text at *www.catholicherald.co.uk* accessed 9/19/2010).
- Catholic Online*. 2014. "Ancient pottery may confirm Old Testament stories about King David and King Solomon." *Catholic Online* posting 29 January (online text at *www.catholic.org* accessed 2/6/2014).
- Catling, David C.** 2006. "Comment on 'A Hydrogen-Rich Early Earth Atmosphere'." *Science* **311** (6 January): 38.
- . 2008. "Where did the oxygen in the atmosphere come from?" in Benton (2008a, 69-71).
- Catling, David C., & Mark W. Claire.** 2005. "How Earth's atmosphere evolved to anoxic state: A status report." *Earth and Planetary Science Letters* **237** (30 August): 1-20.
- Catling, David C., Christopher R. Glein, Kevin J. Zahnle, & Christopher P. McKay.** 2005. "Why O₂ Is Required by Complex Life on Habitable Planets and the Concept of Planetary 'Oxygenation Time'." *Astrobiology* **5** (3): 415-438.
- Catling, David C., Kevin J. Zahnle, & Christopher P. McKay.** 2001. "Biogenic Methane, Hydrogen Escape, and the Irreversible Oxidation of Early Earth." *Science* **293** (3 August): 839-843.
- Catmur, Caroline, Vincent Walsh, & Cecilia Heyes.** 2009. "Associative sequence learning: the role of experience in the development of imitation and the mirror system." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 August): 2369-2380.
- Cattaneo, Andrea.** 2015. "The slow death of red galaxies." *Nature* **521** (14 May): 164-165.
- Cattell, Maria, Su Lai, Robert Cerny, & Daniel Meulemans Medeiros.** 2011. "A New Mechanistic Scenario for the Origin and Evolution of Vertebrate Cartilage." *PLoS ONE* (online @ *plosone.org*) **6** (July): e22474.
- Catto, Norm, David G. E. Liverman, Peter T. Bobrowsky, & Nat Rutter.** 1996. "Laurentide, cordilleran, and montane glaciation in the Western Peace River—Grande Prairie Region, Alberta and British Columbia, Canada." *Quaternary International* **32**: 21-32.
- Catuneanu, Octavian.** 2004. "Retroarc foreland systems—evolution through time." *Journal of African Earth Sciences* **38** (February): 225-242.
- Catuneanu, O., H. Wopfner, P. G. Eriksson, B. Cairncross, B. S. Rubidge, R. M. H. Smith, & P. J. Hancox.** 2005. "The Karoo basins of south-central Africa." *Journal of African Earth Sciences* **43** (October): 211-253.
- Caulfield, Lauren.** 2007. "Don Burke: the new face of greenwashing in Australia." *Friends of the Earth Australia* reprint of *Chain Reaction* magazine (issue #101) article (online text at *www.foe.org.au* accessed 6/28/2011).
- Causier, Barry, Rosa Castillo, Junli Zhou, Richard Ingram, Yongbiao Xue, Zsuzsanna Schwarz-Sommer, & Brendan Davies.** 2005. "Evolution in Action: Following Function in Duplicated Floral Homeotic Genes." *Current Biology* **15** (23 August): 1508-1512.
- Cavalier-Smith, Thomas.** 1978. "Nuclear volume control by nucleoskeletal DNA, selection for cell volume and cell growth rate, and the solution of the C-value paradox." *Journal of Cell Science* **34** (1 December): 247-278.
- . 1985. "Selfish DNA and the origin of introns." *Nature* **315** (23 May): 283-284.
- . 1997. "The blind biochemist." *Trends in Ecology & Evolution* **12** (April): 162-163.
- . 1999a. "Zooflagellate Phylogeny and the Systematics." *The Biological Bulletin* **196** (June): 393-396.
- . 1999b. "Principles of Protein and Lipid Targeting in Secondary Symbiogenesis: Euglenoid, Dinoflagellate, and Sporozoan Plastid Origins and the Eukaryote Family Tree."

- The Journal of Eukaryotic Microbiology* **46** (July): 347-366.
- . 2000. “Membrane heredity and early chloroplast evolution.” *Trends in Plant Science* **15** (April): 174-182.
- . 2001. “Obcells as Proto-Organisms: Membrane Heredity, Lithophosphorylation, and the Origins of the Genetic Code, the First Cells, and Photosynthesis.” *Journal of Molecular Evolution* **53** (October-November): 555-595.
- . 2002a. “Origins of the machinery of recombination and sex.” *Heredity* **88** (February): 125-141.
- . 2002b. “The phagotrophic origin of eukaryotes and phylogenetic classification of Protozoa.” *International Journal of Systematic and Evolutionary Microbiology* **52** (March): 297-354.
- . 2004. “Only six kingdoms of life.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **271** (June): 1251-1262.
- . 2005. “Economy, Speed and Size Matter: Evolutionary Forces Driving Nuclear Genome Miniaturization and Expansion.” *Annals of Botany* **95** (January): 147-175.
- . 2006a. “Cell evolution and Earth history: stasis and revolution.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 969-1006.
- . 2006b. “Origin of mitochondria by intracellular enslavement of a photosynthetic purple bacterium.” *Proceedings of the Royal Society of London B* (Biological Sciences) **273** (7 August): 1943-1952.
- . 2010a. “Deep phylogeny, ancestral groups and the four ages of life.” *Proceedings of the Royal Society of London B* (Biological Sciences) **365** (12 January): 111-132.
- . 2010b. “Origin of the cell nucleus, mitosis and sex: roles of intracellular coevolution.” *Biology Direct* (online @ biomedcentral.com) **5** (4 February): 7.
- . 2010c. “Kingdoms Protozoa and Chromista and the eozoan root of the eukaryotic tree.” *Royal Society Biology Letters* **6** (June): 342-345.
- Cavaliere-Smith, Thomas, Martin Brasier, & T. Martin Embley.** 2006. “Introduction: how and when did microbes change the world?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 845-850.
- Cavallaro, Sebastiano, Velia D’Agata, Pachappan Manickam, Franck Dufour, & Daniel L. Alkon.** 2002. “Memory-specific temporal profiles of gene expression in the hippocampus.” *Proceedings of the National Academy of Sciences* **99** (10 December): 16279-16284.
- Cavalli, Giacomo.** 2012. “EZH2 Goes Solo.” *Science* **338** (14 December): 1430-1431.
- Cavalli-Sforza, L. L.** 1974. “The Genetics of Human Populations.” *Scientific American* **231** (September): 80-89.
- Cavalli-Sforza, Luigi Luca, & Francesco Cavalli-Sforza,** trans. Sarah Thorne. 1993. *The Great Human Diasporas: The History of Diversity and Evolution.* 1995 English ed. Reading, MA: Helix Books (Addison-Wesley Publishing Co).
- Cavanaugh, David P., & Todd Charles Wood.** 2002. “A Baraminological Analysis of the Tribe Heliantheae *sensu lato* (Asteraceae) Using Analysis of Pattern (ANOPA).” *Occasional Papers of the Baraminology Study Group* (online @ bryancore.org) No. 1: 1-11.
- Cavanaugh, David P., Todd Charles Wood, & Kurt P. Wise.** 2003. “Fossil Equidae: A Monobaraminic, Stratomorphic Series.” Creation Science Fellowship *Fifth International Conference on Creationism* paper (online text at bryancore.org accessed 7/27/2011).
- Cavanaugh, Kyle C., James R. Kellner, Alexander J. Forde, Daniel S. Gruner, John D. Parker, Wilfrid Rodriguez, & Ilka C. Feller.** 2014. “Poleward expansion of mangroves is a threshold response to decreased frequency of extreme cold events.” *Proceedings of the National Academy of Sciences* **111** (14 January): 723-727.
- Cavanaugh, Sean.** 2005. “Teachers Torn Over Religion, Evolution.” *Education Week* **24** (2 February): 1, 18.
- Cavanaugh, William T.** 2004. “The Violence of ‘Religion’: Examining a Prevalent Myth.” *Helene Kellogg Institute for International Studies* (University of Notre Dame) March Working Paper #310 (online text at krllogg.nd.edu accessed 3/9/2013).

- . 2009. *The Myth of Religious Violence: Secular Ideology and the Roots of Modern Conflict*. Oxford: Oxford University Press.
- Caviedes, César N.** 2008. “El Niño: extreme weather on the increase?” in Benton (2008a, 266-269).
- Cawood, Peter A., Robin A. Strachan, Renaud E. Merle, Ian L. Millar, Staci L. Loewy, Ian W. D. Dalziel, Peter D. Kinny, Fred Jourdan, Alexander A. Nemchin, & James N. Connelly.** 2015. “Neoproterozoic to early Paleozoic extensional and compressional history of East Laurentian margin sequences: The Moine Supergroup, Scottish Caledonides.” *The Geological Society of America GSA Bulletin* **127** (March): 349-371.
- Cayan, Daniel R., Tapash Das, David W. Pierce, Tim P. Barnett, Mary Tyree, & Alexander Gershunov.** 2010. “Future dryness in the southwest US and the hydrology of the early 21st century drought.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21271-21276.
- Cayce, Edgar Evans.** 1972. *Edgar Cayce on Atlantis*. New York: Paperback Library.
- Cazeau, Charles J., & Stuart D. Scott Jr.** 1979. *Exploring the Unknown: Great Mysteries Examined*. New York: Plenum Press.
- Cazzolla Gatti, Roberto.** 2016. “A conceptual model of new hypothesis on the evolution of biodiversity.” *Biologia* **71** (March): 343-351.
- CBC Witness.* 2004. “The Origins of AIDS—The Polio Vaccini.” Canadian Broadcasting Company *CBC Witness* 30 June broadcast transcript posting (online text at www.cbc.ca accessed 12/20/2007).
- CBN.* 1997. “Darwin’s Dying Theories.” *Christian Broadcasting Network* 8 December posting (online text at www.cbn.com accessed 6/5/2001, not available as of 10/18/2014).
- . 1999. “Evolution Under The Microscope.” *Christian Broadcasting Network* 7 October posting (online text at www.cbn.com accessed 6/5/2001, not available as of 10/18/2014).
- . 2003. “Former Homosexual Says ‘No one is born gay’.” *Christian Broadcasting Network* 21 July posting (online text at www.cbn.com accessed 7/23/2003).
- . 2013. “United Nations: ‘People to Blame for Climate Change’.” *Christian Broadcasting Network* 27 September video posting (online file at www.cbn.com accessed 10/31/2013).
- The CDMS II Collaboration.** 2010. “Dark Matter Search Results from the CDMS II Experiment.” *Science* **327** (26 March): 1619-1621.
- CDRI.* 2002. “The Campaign to Undermine Darwinism.” *Charles Darwin Research Institute* undated posting (online text at www.charlesdarwinresearch.org/ accessed 3/1/2002, not available as of 10/17/2014).
- Ceballos, Gerardo, Joaquín Arroyo-Cabrales, & Eduardo Ponce.** 2010. “Effects of Pleistocene environmental changes on the distribution and community structure of the mammalian fauna of Mexico.” *Quaternary Research* **73** (May): 464-473.
- Ceballos, Gerardo, Paul R. Ehrlich, Anthony D. Barnosky, Andrés García, Robert M. Pringle, & Todd M. Palmer.** 2015. “Accelerated modern human-induced species losses: Entering the sixth mass extinction.” *Science Advances* **1** (19 June): e1400253 (online at sciencemag.org).
- Ceballos, Gerardo, Paul R. Ehrlich, & Rodolfo Dirzo.** 2017. “Biological annihilation via the ongoing sixth mass extinction signaled by vertebrate population losses and declines.” *Proceedings of the National Academy of Sciences* **114** (25 July): E6089-E6096.
- Cebra-Thomas, Judith, Fraser Tan, Seeta Sistla, Eileen Estes, Gunes Bender, Christine Kim, Paul Riccio, & Scott F. Gilbert.** 2005. “How the Turtle Forms its Shell: A Paracrine Hypothesis of Carapace Formation.” *Journal of Experimental Zoology* **304** (15 November): 558-569.
- Cech, Jennifer N., & Catherine L. Peichel.** 2016. “Centromere inactivation on a neo-Y fusion chromosome in threespine stickleback fish.” *Chromosome Research* **24** (December): 437-450.
- Cech, Thomas R.** 2000. “The Ribosome Is a Ribozyme.” *Science* **289** (11 August): 878-879.
- . 2009. “Evolution of Biological Catalysis: Ribozyme to RNP Enzyme.” *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 11-16.

- . 2012. “The RNA Worlds in Context.” *Cold Spring Harbor Perspectives in Biology* **4** (July): a006742.
- Ceci, Stephen J., & Douglas P. Peters.** 1982. “Peer Review: A Study of Reliability.” *Change* **14** (September): 44-48.
- Ceci, Stephen J., & Wendy M. Williams.** 2011. “Understanding current causes of women’s underrepresentation in science.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3157-3162.
- Cecil, M. Robinson, & Mihai N. Ducca.** 2011. “K-Ca ages of authigenic sediments: examples from Paleozoic glauconite and applications to low-temperature thermochronometry.” *International Journal of Earth Sciences* **100** (November): 1783-1790.
- Cedarville University.* 2014. “Department of Science and Mathematics.” *Cedarville University* posting (online text at www.cedarville.edu accessed 2/5/2015).
- Cefaratti, Todd.** 2011. “News Alert: The TeaParty.net Lands Presidential Debate!” *Townhall Magazine* 26 May (email text via TownHallmail.com accessed 5/26/2011).
- Celebrity Atheists.* 2012. “Louis Pasteur.” *Celebrity Atheists* 12 October posting (online text at www.celebatheists.com accessed 7/9/2014).
- Cela-Conde, Camilo J.** 2001. “Hominid Taxon and Systematics of the Hominoidea,” in Tobias *et al.* (2001, 271-278).
- Cela-Conde, Camilo J., & Francisco J. Ayala.** 2003. “Genera of the human lineage.” *Proceedings of the National Academy of Sciences* **100** (24 June): 7684-7689.
- Cela-Conde, Camilo J., Juan García-Prieto, José J. Ramasco, Claudio R. Mirasso, Ricardo Bajo, Enric Munar, Albert Flexas, Francisco del-Pozo, & Fernando Maestú.** 2013. “Dynamics of brain networks in the aesthetic appreciation.” *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10454-10461.
- Cela-Conde, Camilo J., Raúl Gutiérrez Lombardo, John C. Avise, & Francisco J. Ayala.** 2013. “In the light of evolution VII: The human mental machinery.” *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10339-10342.
- Celestini, Carmen.** 2016. “Wikileaks’ October Surprise: With ‘Spirit Dinners,’ Conspiracy Goes Mainstream.” *Religion Dispatches* 4 November posting (online text at religiondispatches.org accessed 11/7/2016).
- Celestino-Soper, Patricia B. S., Sara Violante, Emily L. Crawford, Rui Luo, Anath C. Lionel, Elsa Delaby, Guiqing Cai, Bekim Sadikovic, Kwanghyuk Lee, Charlene Lo, Kun Gao, Richard E. Person, Timothy J. Moss, Jennifer R. German, Ni Huang, Marwan Shinawi, Diane Treadwell-Deering, Peter Szatmari, Wendy Roberts, Bridget Fernandez, Richard J. Schroer, Roger E. Stevenson, Joseph D. Buxbaum, Catalina Betancur, Stephen W. Scherer, Stephan J. Sanders, Daniel H. Geschwind, James S. Sutcliffe, Matthew E. Hurles, Robert J. A. Wanders, Chad A. Shaw, Suzanne M. Leal, Edwin H. Cook Jr., Robin P. Goin-Kochel, Frédéric M. Vaz, & Arthur L. Beaudet.** 2012. “A common X-linked inborn error of carnitine biosynthesis may be a risk factor for nondysmorphic autism.” *Proceedings of the National Academy of Sciences* **109** (22 May): 7974-7981.
- Celio, G. J., M. Padamsee, B. T. M. Dentinger, R. Bauer, & D. J. McLaughlin.** 2006. “Assembling the Fungal Tree of Life: constructing the Structural and Biochemical Database.” *Mycologia* **98** (November/December): 850-859.
- Cellamare, A., C. R. Catacchio, C. Alkan, G. Giannuzzi, F. Antonacci, M. F. Cardone, G. Della Valle, M. Malig, M. Rocchi, E. E. Eichler, & M. Ventura.** 2009. “New Insights into Centromere Organization and Evolution from White-Cheeked Gibbon and Marmoset.” *Molecular Biology and Evolution* **26** (August): 1889-1900.
- Cellarius, Victor.** 2010. “Assisted Death Without Consent?” *Canadian Medical Association Journal* (23 June): online text accessed 12/13/2012 (cmaj.ca).
- Celler, Katherine, Roman I. Koning, Abraham J. Koster, & Gilles P. van Wezel.** 2013. “Multidimensional View of the Bacterial Cytoskeleton.” *Journal of Bacteriology* **195** (April, No. 8): 1627-1636.
- Cellmer, Troy, Marco Buscaglia, Eric R. Henry, James Hofrichter, & William A. Eaton.**

2011. "Making connections between ultrafast protein folding kinetics and molecular dynamics simulations." *Proceedings of the National Academy of Sciences* **108** (12 April): 6103-6108.
- Cendón, D. I., T. M. Peryt, C. Ayora, J. J. Pueyo, & C. Taberner.** 2004. "The importance of recycling processes in the Middle Miocene Badenian evaporate basin (Carpathian foredeep): palaeoenvironmental implications." *Palaeogeography, Palaeoclimatology, Palaeoecology* **212** (15 September): 141-158.
- C/E Newsletter.* 1984a. "THE DEBATE CIRCUIT." *C/E Newsletter* **4** (March/April): 14-15.
- . 1984b. "THE DEBATE CIRCUIT." *C/E Newsletter* **4** (September/October): 12-13.
- Censky, Annalyn.** 2011. "Doomsday church: Still open for business." *CNNMoney* posting 19 May (online text at money.cnn.com accessed 5/23/2011).
- Census.* 2013. "Households as of March of the Following Year. Income in current and 2012 CPI-U-RS adjusted dollars (29)." *U.S. Census* spreadsheet posting (online xls at www.census.gov accessed 1/2/2014).
- Center for Inquiry.* 2014. "Saudi Injustice Exposed: Judicial Document Details Barbaric Punishment of Raif Badawi." *Center for Inquiry* 12 January press release posting (online text at www.centerforinquiry.net accessed 1/12/2015).
- Ceppatelli, Matteo, Roberto Bini, & Vincenzo Schettino.** 2009. "High-pressure photodissociation of water as a tool for hydrogen synthesis and fundamental chemistry." *Proceedings of the National Academy of Sciences* **106** (14 July): 11454-11459.
- Ceranka, Tomasz, & Michal Zlotnik.** 2003. "Traces of cassid snails predation upon the echinoids from the Middle Miocene of Poland." *Acta Palaeontologica Polonica* **48** (3): 491-496.
- Cerda, Ignacio.** 2008. "Gastroliths in an ornithopod dinosaur." *Acta Palaeontologica Polonica* **53** (2): 351-355.
- Cereghin, John.** 2009a. "Another Nail in Darwin's Coffin." *The Remnant Christian* 27 April blog posting (online text at remnantpilgrim.wordpress.com accessed 12/3/2013).
- . 2009b. "More Texas Discrimination Against Creationists." *The Remnant Christian* 29 May blog posting (online text at remnantpilgrim.wordpress.com accessed 12/3/2013).
- . 2009c. "Immanuel Velikovsky Revisited." *The Remnant Christian* 16 September blog posting (online text at remnantpilgrim.wordpress.com accessed 12/3/2013).
- . 2009d. "Frustration With Abeka History." *The Remnant Christian* 8 October blog posting (online text at remnantpilgrim.wordpress.com accessed 12/3/2013).
- . 2010. "Pope denounces failure to forge new climate treaty—Oh Teh Horror!" *The Remnant Christian* 11 January blog posting (online text at remnantpilgrim.wordpress.com accessed 12/3/2013).
- Cerejido, M., R. G. Contreras, & L. Shoshani.** 2004. "Cell Adhesion, Polarity, and Epithelia in the Dawn of Metazoans." *Physiological Reviews* **84** (October): 1229-1262.
- Cerenius, Lage, & Kenneth Söderhäll.** 2010. "Coagulation in Invertebrates." *Journal of Innate Immunity* **3** (December): 3-8.
- Cerf, Roger.** 2006. "Dismissing renewed attempts to deny Einstein the discovery of special relativity." *American Journal of Physics* **74** (September): 818-824.
- Cerling, Thure E., Samuel A. Andanje, Scott A. Blumenthal, Francis H. Brown, Kendra L. Chritz, John M. Harris, John A. Hart, Francis M. Kirera, Prince Kaleme, Louise N. Leakey, Meave G. Leakey, Naomi E. Levin, Fredrick Kyalo Manthi, Benjamin H. Passey, & Kevin T. Uno.** 2015. "Dietary changes of large herbivores in the Turkana Basin, Kenya from 4 to 1 Ma." *Proceedings of the National Academy of Sciences* **112** (15 September): 11467-11472.
- Cerling, Thure E., Kendra L. Chritz, Nina G. Jablonski, Meave G. Leakey, & Fredrick Kyalo Manthi.** 2013. "Diet of *Theropithecus* from 4 to 1 Ma in Kenya." *Proceedings of the National Academy of Sciences* **110** (25 June): 10507-10512.
- Cerling, Thure E., Naomi E. Levin, Jay Quade, Jonathan G. Wynn, David L. Fox, John D. Kingston, Richard G. Klein, & Francis H. Brown.** 2010. "Comment on the Paleoenvironment of *Ardipithecus ramidus*." *Science* **328** (28 May): 1105.

- Cerling, Thure E., Fredrick Kyalo Manthi, Emma N. Mbua, Louise N. Leakey, Meave G. Leakey, Richard E. Leakey, Francis H. Brown, Frederick E. Grine, John A. Hart, Prince Kaleme, Hélène Roche, Kevin T. Uno, & Bernard A. Wood.** 2013. “Stable isotope-based diet reconstruction of Turkana Basin hominins.” *Proceedings of the National Academy of Sciences* **110** (25 June): 10501-10506.
- Cerling, Thure E., Emma Mbua, Francis M. Kirera, Fredrick Kyalo Manthi, Frederick E. Grine, Meave G. Leakey, Matt Sponheimer, & Kevin T. Uno.** 2011. “Diet of *Paranthropus boisei* in the early Pleistocene of East Africa.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9337-9341.
- Cerling, Thure E., Emma Mbua, Francis M. Kirera, Fredrick K. Manthi, Frederick E. Grine, Meave G. Leakey, Matt Sponheimer, Kevin T. Uno, & Julia Lee-Thorp.** 2011. “Reply to Godfrey et al.: Outside the box.” *Proceedings of the National Academy of Sciences* **108** (20 September): E743.
- Cerling, Thure E., Jonathan G. Wynn, Samuel A. Andanje, Michael I. Bird, David Kimutai Korir, Naomi E. Levin, William Mace, Anthony N. Macharia, Jay Quade, & Christopher H. Remien.** 2011. “Woody cover and hominin environments in the past 6 million years.” *Nature* **476** (4 August): 51-56.
- Cermeño, Pedro, & Paul G. Falkowski.** 2009. “Controls on Diatom Biogeography in the Ocean.” *Science* **325** (18 September): 1539-1541.
- Cermeño, Pedro, Paul G. Falkowski, Oscar E. Romero, Morgan F. Schaller, & Sergio M. Vallina.** 2015. “Continental erosion and the Cenozoic rise of marine diatoms.” *Proceedings of the National Academy of Sciences* **112** (7 April): 4239-4244.
- Cerny, Robert, Maria Cattell, Tatjana Sauka-Spengler, Marianne Bronner-Fraser, Feiqiao Yu, & Daniel Meulemans Medeiros.** 2010. “Evidence for the prepatter/cooption model of vertebrate jaw evolution.” *Proceedings of the National Academy of Sciences* **107** (5 October): 17262-17267.
- Cerny, Robert, Ivan Horáček, & Lennart Olsson.** 2006. “The Trabecula cranii: development and homology of an enigmatic vertebrate head structure.” *Animal Biology* **56** (4): 503-518.
- Cerny, Robert, Peter Lwigale, Rolf Ericsson, Daniel Meulemans, Hans-Henning Epperlein, & Marianne Bronner-Fraser.** 2004. “Developmental origins and evolution of jaws: new interpretation of ‘maxillary’ and ‘mandibular’.” *Developmental Biology* **276** (1 December): 225-236.
- Cerritelli, Susana M., Hyongi Chon, & Robert J. Crouch.** 2011. “A New Twist for Topoisomerase.” *Science* **332** (24 June): 1510-1511.
- Cesarini, David, Christopher T. Dawes, James H. Fowler, Magnus Johannesson, Paul Lichtenstein, & Björn Wallace.** 2008. “Heritability of cooperative behavior in the trust game.” *Proceedings of the National Academy of Sciences* **105** (3 March): 3721-3726.
- César Razquin, Adrián.** 2013. “Origin of genes with unresolved ancestry: Analysis of orphan genes in *H. sapiens*, *D. melanogaster* and *S. cerevisiae*.” Masters project (January) at *Université de Genève* (online pdf at www.mpb.unige.ch accessed 7/30/2014).
- Cevallos-Ferriz, Sergio R. S., Emilio Estrada-Rutz, & Balam Rodrigo Pérez-Hernández.** 2008. “Phytolaccaceae infructescence from Cerro del Pueblo Formation, Upper Cretaceous (Late Campanian), Coahuila, Mexico.” *American Journal of Botany* **95** (January): 77-83.
- CFI.** 2013. “Millions of Americans are living happily without religion.” Center for Inquiry *Living Without Religion* homepage posting (online text at www.livingwithoutreligion.org accessed 9/30/2013).
- CFSI.** 2012a. “About CFSI.” *Center for Faith and Science International* undated posting (online text at cfsint.org accessed 1/31/2013).
- . 2012b. “Intelligent Design.” *Center for Faith and Science International* undated posting (online text at cfsint.org accessed 1/31/2013).
- . 2012c. “Progressive Creation.” *Center for Faith and Science International* undated posting (online text at cfsint.org accessed 1/31/2013).
- . 2012d. “Creation Science.” *Center for Faith and Science International* undated posting (online text at cfsint.org accessed 1/31/2013).

- . 2012e. “Evolutionary Creation.” *Center for Faith and Science International* undated posting (online text at *cfsint.org* accessed 1/31/2013).
- Chaboureaux, Anne-Claire, Pierre Sepulchre, Yannick Donnadieu, & Alain Franc.** 2014. “Tectonic-driven climate change and the diversification of angiosperms.” *Proceedings of the National Academy of Sciences* **111** (30 September): 14066-14070.
- Chabris, Christopher F.** 2006. “Cognitive and Neurobiological Mechanisms of the Law of General Intelligence,” in Roberts (2006, 319-329).
- Chadsey, Meggen S., Joyce E. Karlinsey, & Kelly T. Hughes.** 1998. “The flagellar anti- σ factor FlgM actively dissociates *Salmonella typhimurium* σ^{28} RNA polymerase holoenzyme.” *Genes & Development* **12** (1 October): 3123-3136.
- Chadwell, Pete.** 2006. “Explain Evolution’s Weakness.” *Bend Bulletin* (3 July) reprinted at *Center for Science & Culture* (online text at *discovery.org* accessed 5/26/2014).
- . 2012. “God’s Rube Goldberg Machine.” *On My Walk* 13 May posting (online text at *onmywalk.blogspot.com* accessed 5/28/2014).
- Chadwick, Arthur V.** 1981. “Precambrian Pollen in the Grand Canyon—A Reexamination.” *Geoscience Research Institute Origins* **8** (1): 7-12.
- . 1987. “Of Dinosaurs and Men.” *Geoscience Research Institute Origins* **14** (1): 33-40.
- . 2004. “A Modern Framework for Earth Sciences in a Christian Context.” Southwestern Adventist University *Origins* posting (online text at *origins.swau.edu* accessed 12/18/2007).
- . 2005. “The Trilobite: Enigma of Complexity.” Southwestern Adventist University *Origins* posting (online pdf at *origins.swau.edu* accessed 12/18/2007).
- Chadwick, Arthur, & Tetsuya Yamamoto.** 1984. “A paleoecological analysis of the petrified trees in the Specimen Creek area of Yellowstone National Park, Montana, U.S.A.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **45** (February): 39-48.
- Chadwick, Douglas H.** 1994. “Evolution, Right Before Their Eyes.” *New York Times Book Review* (22 May): 7.
- . 2001. “Evolution of Whales.” *National Geographic* **200** (November): 64-77.
- Chadwick, Ian.** 2014. “Debunking the Adam Bridge.” *Scripturient* 1 February posting (online pdf at *ianchadwick.com* accessed 6/3/2017).
- Chadwick, Martin J., Raeesa S. Anjum, Dharshan Kumaran, Daniel L. Schacter, Hugo J. Spiers, & Demis Hassabis.** 2016. “Semantic representations in the temporal pole predict false memories.” *Proceedings of the National Academy of Sciences* **113** (6 September): 10180-10185.
- Chadwick, Martin J., Heidi M. Bonnici, & Eleanor A. Maguire.** 2014. “CA3 size predicts the precision of memory recall.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10720-10725.
- Chaffee, Sarah.** 2015a. “Fact or Fiction: Addressing Misconceptions about Alabama’s Academic Freedom Bill.” *Discovery Institute Evolution News & Views* 29 May posting (online text at *evolutionnews.org* accessed 6/1/2015).
- . 2015b. “‘Willful Ignorance’? Lee McIntyre Misrepresents Our Position on Intelligent Design in Public Schools.” *Discovery Institute Evolution News & Views* 10 June posting (online text at *evolutionnews.org* accessed 7/6/2015).
- . 2015c. “Unanswered Questions: *New York Times* Highlights the Benefits of Teaching ‘Ignorance’ in Science.” *Discovery Institute Evolution News & Views* 4 September posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015d. “Thinking Critically about Opposition to Teaching the Controversy.” *Discovery Institute Evolution News & Views* 5 October posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015e. “The Evolution Controversy Comes to Indian Schools.” *Discovery Institute Evolution News & Views* 12 October posting (online text at *evolutionnews.org* accessed 3/18/2016).
- . 2015f. “National Science Standards Reflect a Growing Anxiety on the Part of Evolution Advocates.” *Discovery Institute Evolution News & Views* 2 November posting (online text at *evolutionnews.org* accessed 4/22/2016).

- . 2015g. “Darwin’s *Origin* Is Voted Most ‘Influential,’ but Here’s the Rest of the Story.” Discovery Institute *Evolution News & Views* 9 December posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2015h. “Ten Myths About *Dover*: #10, ‘The Intelligent Design Movement Died After the *Dover* Decision’.” Discovery Institute *Evolution News & Views* 11 December posting (online text at evolutionnews.org accessed 12/14/2015).
- . 2015i. “Ten Myths About *Dover*: #9, ‘The ID Movement Had Its Day in Court’.” Discovery Institute *Evolution News & Views* 12 December posting (online text at evolutionnews.org accessed 12/14/2015).
- . 2015j. “Ten Myths About *Dover*: #6, ‘Judge Jones, No Activist, Stayed Strictly Within His Authority’.” Discovery Institute *Evolution News & Views* 15 December posting (online text at evolutionnews.org accessed 3/23/2016).
- . 2015k. “Ten Myths About *Dover*: #5, ‘Discovery Institute Supported *Dover* School Board Policy’.” Discovery Institute *Evolution News & Views* 16 December posting (online text at evolutionnews.org accessed 3/23/2016).
- . 2015l. “Ten Myths About *Dover*: #2, ‘Judge Jones Is a Brilliant, Neutral Legal Scholar Who Figured Out ID’.” Discovery Institute *Evolution News & Views* 19 December posting (online text at evolutionnews.org accessed 3/23/2016).
- . 2015m. “Ten Myths About *Dover*: #1, ‘Judge Jones Addressed the *Actual* Theory of ID, Not a Straw Man’.” Discovery Institute *Evolution News & Views* 20 December posting (online text at evolutionnews.org accessed 3/23/2016).
- . 2016a. “In Science Education, ‘Confusion’ Can Be a Synonym for Stimulation.” Discovery Institute *Evolution News & Views* 7 January posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016b. “From Patrick Anderson at the *Argus Leader*, More Misinformation on Academic Freedom.” Discovery Institute *Evolution News & Views* 9 February posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016c. “Mississippi Legislators Should Drop Academic Freedom Bill or Make Clear It Doesn’t Permit Creationism.” Discovery Institute *Evolution News & Views* 22 February posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016d. “Picture This: What Teaching the Controversy Looks Like in the Classroom.” Discovery Institute *Evolution News & Views* 4 March posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016e. “On Teaching the Evolution Controversy, Misconceptions from *Bulletin of the Atomic Scientists*.” Discovery Institute *Evolution News & Views* 7 March posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016f. “‘Question the Answer’—in Every Field but Evolution.” Discovery Institute *Evolution News & Views* 31 March posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016g. “Evolution in Kindergarten.” Discovery Institute *Evolution News & Views* 16 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016h. “Evolution in Kindergarten: Now Brought to You by the National Science Foundation.” Discovery Institute *Evolution News & Views* 2 May posting (online text at evolutionnews.org accessed 5/2/2016).
- . 2016i. “Law Review Article Documents the Role of Anti-Religious Activism in Evolution Advocacy.” Discovery Institute *Evolution News & Views* 7 May posting (online text at evolutionnews.org accessed 5/9/2016).
- . 2016j. “Evolution May Obscure Reality, Says a Cognitive Scientist and Evolutionist.” Discovery Institute *Evolution News & Views* 11 May posting (online text at evolutionnews.org accessed 5/12/2016).
- . 2016k. “Tolerate Differences in Scientific, Not Just Political, Viewpoints.” Discovery Institute *Evolution News & Views* 18 May posting (online text at evolutionnews.org accessed 6/6/2016).
- . 2016l. “As Eric Hedin Earns Tenure, It’s Time to Set the Record Straight—Again.” Discovery Institute *Evolution News & Views* 20 May posting (online text at

- evolutionnews.org* accessed 5/25/2016).
- . 2016m. “Universities Shouldn’t Hire Evolution Dissenters, Says Intellectual Diversity Advocate.” Discovery Institute *Evolution News & Views* 9 June posting (online text at *evolutionnews.org* accessed 6/15/2016).
- . 2016n. “What Is Teaching Evolution All About?” Discovery Institute *Evolution News & Views* 22 June posting (online text at *evolutionnews.org* accessed 7/4/2016).
- . 2016o. “The Lowdown on the Louisiana Science Education Act.” Discovery Institute *Evolution News & Views* 22 July posting (online text at *evolutionnews.org* accessed 7/27/2016).
- . 2016p. “Scientism, Values, and the Public Interest.” Discovery Institute *Evolution News & Views* 29 July posting (online text at *evolutionnews.org* accessed 8/1/2016).
- . 2016q. “Use Your Brain: Scientific Controversies and Intelligence.” Discovery Institute *Evolution News & Views* 11 August posting (online text at *evolutionnews.org* accessed 8/19/2016).
- . 2016r. “Students, Scientism, and Straw Men.” Discovery Institute *Evolution News & Views* 20 August posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016s. “The World is Watching: Teach the Evolution Controversy to Foster Science Literacy.” Discovery Institute *Evolution News & Views* 23 August posting (online text at *evolutionnews.org* accessed 9/2/2016).
- . 2016t. “University of Chicago’s President Decries ‘Efforts to Suppress Discussion of Charles Darwin’s Work’.” Discovery Institute *Evolution News & Views* 30 August posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016u. “From the American Geophysical Union, Errors and Misconceptions About Science Education.” Discovery Institute *Evolution News & Views* 21 September posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016v. “Clergy Letter Project Scares the Public by Misrepresenting Texas Science Standards.” Discovery Institute *Evolution News & Views* 27 September posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016w. “Discovery Institute’s Jonathan Witt Enters the Controversy over Texas Science Standards.” Discovery Institute *Evolution News & Views* 3 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016x. “Gutting Texas Science Standards—Bad for Everyone.” Discovery Institute *Evolution News & Views* 14 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016y. “Fact Check: *Inside Higher Ed* Misrepresents Eric Hedin at Ball State University (Again).” Discovery Institute *Evolution News & Views* 19 October posting (online text at *evolutionnews.org* accessed 11/7/2016).
- . 2016z. “Fact Check: Louisiana’s Science Education Act Does NOT Authorize Teaching Creationism.” Discovery Institute *Evolution News & Views* 28 October posting (online text at *evolutionnews.org* accessed 11/7/2016).
- . 2016aa. “Fact-Check: *The Atlantic* Misrepresents Kansas Science Standards and Won’t Correct the Record.” Discovery Institute *Evolution News & Views* 1 December posting (online text at *evolutionnews.org* accessed 12/13/2016).
- . 2016ab. “Fact-Check: Austin, TX, Newspaper Bungles Description of Discovery Institute.” Discovery Institute *Evolution News & Views* 7 December posting (online text at *evolutionnews.org* accessed 12/13/2016).
- . 2016ac. “Naval Academy Philosopher: Laypeople Are Entitled to an Opinion on Science Questions.” Discovery Institute *Evolution News & Views* 7 December posting (online text at *evolutionnews.org* accessed 12/13/2016).
- . 2016ad. “Dean Kenyon and Academic Freedom—A Case in Point.” Discovery Institute *Evolution News & Views* 13 December posting (online text at *evolutionnews.org* accessed 1/4/2017).
- . 2017a. “At Denver Museum of Nature & Science, Patron Reports Errors in Displays, Gets Brushed Off.” Discovery Institute *Evolution News & Views* 16 January posting (online text at *evolutionnews.org* accessed 2/11/2017).

- . 2017b. “Academic Freedom Legislation: Understanding South Dakota’s SB 55.” Discovery Institute *Evolution News & Views* 30 January posting (online text at evolutionnews.org accessed 2/11/2017).
 - . 2017c. “An Opening for Academic Freedom in Texas, as Representative Swanson Files a Bill.” Discovery Institute *Evolution News & Views* 3 February posting (online text at evolutionnews.org accessed 2/11/2017).
 - . 2017d. “In the Public Interest? ProPublica Misrepresents Intelligent Design and Discovery Institute Policy.” Discovery Institute *Evolution News & Views* 8 February posting (online text at evolutionnews.org accessed 2/12/2017).
 - . 2017e. “Washington Post Fake News Purveyor Valerie Strauss ‘Reports’ on South Dakota Academic Freedom Bill.” Discovery Institute *Evolution News & Views* 14 February posting (online text at evolutionnews.org accessed 2/15/2017).
 - . 2017f. “In Indiana, State Senate Affirms Teaching Evidence For and Against Evolution.” Discovery Institute *Evolution News & Views* 1 March posting (online text at evolutionnews.org accessed 3/13/2017).
 - . 2017g. “Now It’s a ‘War on Children’—Critics of Academic Freedom Opt for Scare Tactics.” Discovery Institute *Evolution News & Views* 6 March posting (online text at evolutionnews.org accessed 3/13/2017).
 - . 2017h. “Louisiana Adopts Science Standards, Including Louisiana Science Education Act.” Discovery Institute *Evolution News & Science Today* 17 March posting (online text at evolutionnews.org accessed 4/9/2017).
 - . 2017i. “In the Dallas Morning News, Senior Scientist Weighs In on Texas Science Standards.” Discovery Institute *Evolution News & Science Today* 18 April posting (online text at evolutionnews.org accessed 4/30/2017).
 - . 2017j. “Alabama Legislature Passes Academic Freedom Resolution.” Discovery Institute *Evolution News & Science Today* 9 May posting (online text at evolutionnews.org accessed 5/15/2017).
 - . 2017k. “Two Days After Warning Against ‘Anti-Science’ Label, Nature Calls Academic Freedom ‘Anti-Science’.” Discovery Institute *Evolution News & Science Today* 18 May posting (online text at evolutionnews.org accessed 6/5/2017).
 - . 2017l. “Sure, ‘Teach the Controversy,’ Says an Evolutionist—But You Know What’s Coming Next.” Discovery Institute *Evolution News & Science Today* 9 June posting (online text at evolutionnews.org accessed 6/9/2017).
 - . 2017m. “Schools Don’t Teach Evolution Dogmatically Because They’re ... Underfunded?” Discovery Institute *Evolution News & Science Today* 28 July posting (online text at evolutionnews.org accessed 7/28/2017).
- Chaffer, Christine L., Ines Brueckmann, Christina Scheef, Alicia J. Kaestli, Paul A. Wiggins, Leonardo O. Rodrigues, Mary Brooks, Ferenc Reinhardt, Ying Su, Kornelia Polyak, Lisa M. Arendt, Charlotte Kuperwasser, Brian Bierie, & Robert A. Weinberg.** 2011. “Normal and neoplastic nonstem cells can spontaneously convert to a stem-like state.” *Proceedings of the National Academy of Sciences* **108** (10 May): 7950-7955.
- Chaffey, Tim.** 2006. “A Balanced Look at Christian Rock from a Long-Time Fan.” *Midwest Apologetics* undated posting (online text at www.midwestapologetics.org accessed 1/7/2014).
- . 2010. “When Did Time Begin?” *Answers in Genesis* 6 August posting (online text at answersingenesis.org accessed 6/12/2016).
 - . 2011a. “3. Unity of the Bible.” *Answers in Genesis* 1 April “Seven Compelling Evidences” 27 July 2014 reposting (online text at answersingenesis.org accessed 5/17/2016).
 - . 2011b. “An Examination of Augustine’s Commentaries on Genesis One and their Implications on a Modern Theological Controversy.” *Answers in Genesis Research Journal* **4**: 89-101.
 - . 2011c. “When Did Jesus Cleanse the Temple?” *Answers in Genesis* 16 August *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).

- . 2011d. “Generational Gaffe?” *Answers in Genesis* 6 September *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2011e. “When Was the Temple Veil Torn in Two?” *Answers in Genesis* 11 October *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012a. “Battle over the Nephilim.” *Answers in Genesis* article for 1 January (online text at answersingenesis.org accessed 5/20/2016).
- . 2012b. “Did Jesus Go Up or Down the Mountain?” *Answers in Genesis* 10 January *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012c. “Unacceptable Offering?” *Answers in Genesis* 21 February *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012d. “Was Jesus Wrong About Zechariah’s Father?” *Answers in Genesis* 28 February *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012e. “Not Enough Hours in the Day.” *Answers in Genesis* 20 March *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012f. “Planting Confusion.” *Answers in Genesis* 10 April *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012g. “Dinosaurs Living with People—The Biblical Worldview.” *Answers in Genesis* article for 4 May (online text at answersingenesis.org accessed 1/15/2016).
- . 2015. “Feedback: ‘Bill Nye the Straw Man Guy’ Rebuttal.” *Answers in Genesis* article for 4 August (online text at answersingenesis.org accessed 8/5/2015).
- . 2016. “*New Scientist* Writer Rejects Scientific Evidence for the Ice Age, Fossil Record, and Flooding on Mars.” *Answers in Genesis* article for 12 September (online text at answersingenesis.org accessed 9/12/2016).
- Chaffey, Tim, & Jean Lightner.** 2015. “Feedback: What Does ‘Two of Every Kind’ Mean?” *Answers in Genesis* article for 2 January (online text at answersingenesis.org accessed 1/2/2015).
- Chaffin, Gene.** 2013. “Proposition 7.” Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- Chai, Herzl, James J.-W. Lee, Paul J. Constantino, Peter W. Lucas, & Brian R. Lawn.** 2009. “Remarkable resilience of teeth.” *Proceedings of the National Academy of Sciences* **106** (5 May): 7289-7293.
- Chaikeratisak, Vorrapon, Katrina Nguyen, Kanika Khanna, Axel F. Brilot, Marcella L. Erb, Joanna K. C. Coker, Anastasia Vavilina, Gerald L. Newton, Robert Buschauer, Kit Pogliano, Elizabeth Villa, David A. Agard, & Joe Pogliano.** 2017. “Assembly of a nucleus-like structure during viral replication in bacteria.” *Science* **355** (13 January): 194-197.
- Chailangkarn, Thanathom, Cleber A. Trujillo, Beatriz C. Freitas, Branka Hrvoj-Mihic, Roberto H. Herai, Diana X. Yu, Timothy T. Brown, Maria C. Marchetto, Cedric Bardy, Lauren McHenry, Lisa Stefanacci, Anna Järvinen, Yvonne M. Searcy, Michelle DeWitt, Wenny Wong, Philip Lai, M. Colin Ard, Kari L. Hanson, Sarah Romero, Bob Jacobs, Anders M. Dale, Li Dai, Julie R. Korenberg, Fred H. Gage, Ursula Bellugi, Eric Halgren, Katerina Semendeferi, & Alysson R. Muotoni.** 2016. “A human neurodevelopmental model for Williams syndrome.” *Nature* **536** (18 August): 338-343.
- Chaimanee, Yaowalak, Olivier Chavasseau, K. Christopher Beard, Aung Aung Kyaw, Aung Naing Soe, Chit Sein, Vincent Lazzari, Laurent Marivaux, Bernard Marandat, Myat Swe, Mana Rugbumrung, Thit Lwin, Xavier Valentin, Zin-Maung-Maung-Thein, & Jean-Jacques Jaeger.** 2012. “Late Middle Eocene primate from Myanmar and the initial

- anthropoid colonization of Africa.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10293-10297.
- Chaimanee, Yaowalak, Dominique Jolly, Mouloud Benammi, Paul Tafforeau, Danielle Duzer, Issam Moussa, & Jean-Jacques Jaeger.** 2003. “A Middle Miocene hominoid from Thailand and orangutan origins.” *Nature* **422** (6 March): 61-65.
- Chaimanee, Yaowalak, Renaud Lebrun, Chotima Yamee, & Jean-Jacques Jaeger.** 2011. “A new Middle Miocene tarsier from Thailand and the reconstruction of its orbital morphology using a geometric-morphometric method.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 July): 1956-1963.
- Chaimanee, Yaowalak, Varavudh Suteethorn, Pratueng Jintasakul, Chavalit Vidthayanon, Bernard Marandat, & Jean-Jacques Jaeger.** 2004. “A new orang-utan relative from the Late Miocene of Thailand.” *Nature* **427** (29 January): 439-441.
- Chain, Ernst Boris.** 1971. “Social Responsibility and the Scientist in Western Society.” *Perspectives in Biology and Medicine* **14** (Spring): 347-369.
- Chait, Jonathan.** 2011a. “War on the Weak.” *Newsweek* article reposted at *The Daily Beast* 10 April (online text at www.thedailybeast.com accessed 4/27/2011).
- . 2011b. “Drew Westen’s Nonsense.” *The New Republic* 8 August posting: online text accessed 8/11/2011 (tnr.com).
- Chaix, Raphaëlle, Chen Cao, & Peter Donnelly.** 2008. “Is Mate Choice in Humans MHC-Dependent?” *PLoS Genetics* (online @ plosgenetics.org) **4** (September): e1000184.
- Chaker-Margot, Malik, Jonas Barandun, Mirjam Hunziker, & Sebastian Klinge.** 2017. “Architecture of the yeast small subunit processome.” *Science* **355** (13 January): aal1880.
- Chakrabarti, Ramananda, Asish R. Basu, & Dalim K. Paul.** 2007. “Nd-Hf-Sr-Pb isotopes and trace element geochemistry of Proterozoic lamproites from southern India: Subducted komatiite in the source.” *Chemical Geology* **236** (30 January): 291-302.
- Chakrabarty, Prosanta, Matthew P. Davis, & John S. Sparks.** 2012. “The First Record of a Trans-Oceanic Sister-Group Relationship between Obligate Vertebrate Trogllobites.” *PLoS ONE* (online @ plosone.org) **7** (August): e44083.
- Chakraborty, Apu, Sally McManus, Terry S. Brugha, Paul Bebbington, & Michael King.** 2011. “Mental health of the non-heterosexual population of England.” *The British Journal of Psychiatry* **198** (February): 143-148.
- Chakraborty, Mukta, Solveig Walløe, Signe Nedergaard, Emma E. Fridel, Torben Dabelsteen, Bente Pakkenberg, Mads F. Bertelsen, Gerry M. Dorrestein, Steven E. Brauth, Sarah E. Durand, & Erich D. Jarvis.** 2015. “Core and Shell Song Systems Unique to the Parrot Brain.” *PLoS ONE* (online @ plosone.org) **10** (June): e0118496.
- Chakraborty, Subhojit, Nils Kolling, Mark E. Walton, & Anna S. Mitchell.** 2016. “Critical role for the mediodorsal thalamus in permitting rapid reward-guided updating in stochastic reward environments.” *eLife* (online @ elifesciences.org) **5** (2 May): e13588.
- Chakranarayan, David.** 2012. “Longevity or Countdown?” *Answers in Genesis* 24 January *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- Chakravarthi, Ramakrishna, & Rufin VanRullen.** 2012. “Conscious updating is a rhythmic process.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10599-10604.
- Chakravarti, Aravinda, & Ashish Kapoor.** 2012. “Mendelian Puzzles.” *Science* **335** (24 February): 930-931.
- Chalhoub, Boulos, France Denoeud, Shengyi Liu, Isobel A. P. Parkin, Haibao Tang, Xiyin Wang, Julien Chiquet, Harry Belcram, Chaobo Tong, Birgit Samans, Margot Corr ea, Corinne Da Silva, J r my Just, Cyril Falentin, Chu Shin Koh, Isabelle Le Clainche, Maria Bernard, Pascal Bento, Benjamin Noel, Karine Labadie, Adriana Alberti, Mathieu Charles, Dominique Arnaud, Hui Guo, Christian Daviaud, Salman Alamery, Kamel Jabbari, Meixia Zhao, Patrick P. Edger, Houda Chelaifa, David Tack, Gilles Lassalle, Imen Mestiri, Nicolas Schnel, Marie-Christine Le Paslier, Guangyi Fan, Victor Renault, Philippe E. Bayer, Agnieszka A. Golicz, Sahana Manoli, Tae-Ho Lee, Vinh Ha Dinh Thi, Smahane Chalabi, Qiong Hu, Chuchuan Fan, Reece Tollenaere,**

- Yunhai Liu, Christophe Battail, Jinxiong Shen, Christine H. D. Sidebottom, Xinfu Wang, Aurélie Canaguier, Aurélie Chauveau, Aurélie Bérard, Gwenaëlle Deniot, Mei Guan, Zhongsong Liu, Fengming Sun, Yong Pyo Lim, Eric Lyons, Christopher D. Town, Ian Bancroft, Xiaowu Wang, Jinling Meng, Jianxin Ma, J. Chris Pires, Graham J. King, Dominique Brunel, Régine Delourme, Michel Renard, Jean-Marc Aury, Keith L. Adams, Jacqueline Batley, Rod J. Snowden, Jorg Tost, David Edwards, Yongming Zhou, Wei Hua, Andrew G. Sharpe, Andrew H. Paterson, Chunyuan Guan, & Patrick Wincker.** 2014. “Early allopolyploid evolution in the post-Neolithic *Brassica napus* oilseed genome.” *Science* **345** (22 August): 950-953.
- Chaliotis, Anargyros, Panayotis Vlastaridis, Dimitris Mossialos, Michael Ibba, Hubert D. Becker, Constantinos Stathopoulos, & Grigorios D. Amoutzias.** 2017. “The complex evolutionary history of aminoacyl-tRNA synthetases.” *Nucleic Acids Research* **45** (February #3): 1059-1068.
- Chalker, Douglas L.** 2014. “Keeping one’s sex.” *Nature* **509** (22 May): 430-431.
- Challem, Jack J., & E. Will Taylor.** 1998. “Retroviruses, ascorbate, and mutations, in the evolution of *Homo sapiens*.” *Free Radical Biology and Medicine* **25** (1 July): 130-132.
- Challis, R. J., S. L. Goodacre, & G. M. Hewitt.** 2006. “Evolution of spider silks: conservation and diversification of the C-terminus.” *Insect Molecular Biology* **15** (February): 45-56.
- Challis, Rosemary C., Huikai Tian, Jue Wang, Jiwei He, Jianbo Jiang, Xuanmao Chen, Wenbin Yin, Timothy Connelly, Limei Ma, C. Ron Yu, Jennifer L. Pluznick, Daniel R. Storm, Liquan Huang, Kai Zhao, & Minghong Ma.** 2015. “An Olfactory Cilia Pattern in the Mammalian Nose Ensures High Sensitivity to Odors.” *Current Biology* **25** (5 October): 2503-2512.
- Chalmers, David J.** 1995a. “Facing Up to the Problem of Consciousness.” *Journal of Consciousness Studies* **2** (March): 200-219.
- . 1995b. “The Puzzle of Conscious Experience.” *Scientific American* **273** (December): 80-86.
- Chalopin, Domitille, Delphine Galiana, & Jean-Nicolas Volff.** 2012. “Genetic Innovation in Vertebrates: Gypsy Integrase Genes and Other Genes Derived from Transposable Elements.” *International Journal of Evolutionary Biology* (online @ ncbi.nlm.nih.gov) **2012**: 724519.
- Chamala, Srikar, Andre S. Chanderbali, Joshua P. Der, Tianying Lan, Brandon Walts, Victor A. Albert, Claude W. dePamphilis, Jim Leebens-Mack, Steve Rounsley, Stephan C. Schuster, Rod A. Wing, Nianqing Xiao, Richard Moore, Pamela S. Soltis, Douglas E. Soltis, & W. Brad Barbazuk.** 2013. “Assembly and Validation of the Genome of the Nonmodal Basal Angiosperm *Amborella*.” *Science* **342** (20 December): 1516-1517.
- Chambaere, Kenneth, Johan Bilsen, Joachim Cohen, Bregje D. Onwuteaka-Philipsen, Freddy Mortier, & Luc Duliens.** 2010. “Physician-assisted deaths under the euthanasia law in Belgium: a population-based survey.” *Canadian Medical Association Journal* **182** (15 June): 895-901.
- Chamberlain, A. T., & B. A. Wood.** 1985. “A Reappraisal of Variation in Hominid Mandibular Corpus Dimensions.” *American Journal of Physical Anthropology* **66** (April): 399-405.
- Chamberlain, Nicola L., Ryan I. Hill, Durrell D. Kapan, Lawrence E. Gilbert, & Marcus R. Kronforst.** 2009. “Polymorphic Butterfly Reveals the Missing Link in Ecological Speciation.” *Science* **326** (6 November): 847-850.
- Chambers, Brian.** 2014a. “Atheists speechless! They can’t explain THIS....” *Townhall Magazine* 2 January (email text via *TownHallmail.com* accessed 1/2/2014).
- . 2014b. “Please help me spread His word.” *Beliefnet* 26 October email (online text via *beliefnet.com* accessed 10/26/2014).
- Chambers, John.** 2014. “A chronometer for Earth’s age.” *Nature* **508** (3 April): 51-52.
- Chambers, T. Carrick, Andrew N. Drinnan., & Stephen McLoughlin.** 1998. “Some Morphological Features of Wollemi Pine (*Wollemia nobilis*: Araucariaceae) and Their Comparison to Cretaceous Plant Fossils.” *International Journal of Plant Sciences* **159**

- (January): 160-171.
- Chame, Marcia.** 2003. "Terrestrial Mammal Feces: a Morphometric Summary and Description." Rio de Janeiro *Memórias do Instituto Oswaldo Cruz* **98** Supplement 1 (January): 71-94.
- Champion, R. H., & J. Wegrzyn.** 1964. "Congenital os penis." *Journal of Urology* **91** (June): 663-664.
- Champneys, Mark D.** 2013. "Evolution Demolition Script." *Evolution Demolition* 17 January posting (online pdf at *evolutiondemolition.info* accessed 7/27/2016).
- . 2016. "Recommended Links." *Evolution Demolition* undated posting (online text at *evolutiondemolition.info* accessed 7/27/2016).
- Chan, Cheong Xin, Robert C. Beiko, & Mark A. Ragan.** 2011. "Lateral Transfer of Genes and Gene Fragments in *Staphylococcus* Extends beyond Mobile Elements." *Journal of Bacteriology* **193** (August, No. 15): 3964-3977.
- Chan, Cheong Xin, Jeferson Gross, Hwan Su Yoon, & Debashish Bhattacharya.** 2011. "Plastid Origin and Evolution: New Models Provide Insights into Old Problems." *Plant Physiology* **155** (April): 1552-1560.
- Chan, Esther T., Gerald T. Quon, Gordon Chua, Tomas Babak, Miles Trocheset, Ralph A. Zirngibl, Jane Aubin, Michael J. H. Ratcliffe, Andrew Wilde, Michael Brudno, Quaid D. Morris, & Timothy R. Hughes.** 2009. "Conservation of core gene expression in vertebrate tissues." *Journal of Biology* (online @ jbiol.com) **8** (16 April): 33.
- Chan, Johnny C. L.** 2006. "Comment on 'Changes in Tropical Cyclone Number, Duration, and Intensity in a Warming Environment'." *Science* **311** (24 March): 1713.
- . 2008. "Decadal variations of intense typhoon occurrence in the western North Pacific." *Proceedings of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **464** (8 January): 249-272.
- . 2009. "Thermodynamic control on the climate of intense tropical cyclones." *Proceedings of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **465** (8 October): 3011-3021.
- Chan, Joseph Minhow, Gunnar Carlsson, & Raul Rabadan.** 2013. "Topology of viral evolution." *Proceedings of the National Academy of Sciences* **110** (12 November): 18566-18571.
- Chan, Yingguang Frank, Melissa E. Marks, Felicity C. Jones, Guadalupe Villarreal Jr., Michael D. Shapiro, Shannon D. Brady, Audrey M. Southwick, Devin M. Absher, Jane Grimwood, Jeremy Schmutz, Richard M. Myers, Dmitri Petrov, Bjarni Jónsson, Dolph Schluter, Michael A. Bell, & David M. Kingsley.** 2010. "Adaptive Evolution of Pelvic Reduction in Sticklebacks by Recurrent Deletion of a *Pitx1* Enhancer." *Science* **327** (15 January): 302-305.
- Chance, Zoë, Michael I. Norton, Francesca Gino, & Dan Ariely.** 2011. "Temporal view of the costs and benefits of self-deception." *Proceedings of the National Academy of Sciences* **108** (13 September): 15655-15659.
- Chancey, Mark A.** 2010. "Religious studies professor examines Intelligent Design academically." Southern Methodist University *Daily Campus* posting 4 October (online text at *smudailycampus.com* accessed 10/4/2010).
- . 2013a. "Reading, Writing & Religion II: Texas Public School Bible Courses in 2011-12." *Texas Freedom Network* article (online pdf at *www.tfn.org* accessed 1/26/2013).
- . 2013b. "New Report: Angels & Aliens in Texas Schools." *Religion Dispatches* 3 February posting (online text at *religiondispatches.org* accessed 2/4/2013).
- . 2014. "Can This Class Be Saved? The 'Hobby Lobby' Public School Bible Curriculum." *Texas Freedom Network* May report posting (online pdf at *www.tfn.org* accessed 7/15/2014).
- Chanderbali, André S., Victor A. Albert, Jim Leebens-Mack, Naomi S. Altman, Douglas E. Soltis, & Pamela S. Soltis.** 2009. "Transcriptional signatures of ancient floral developmental genetics in avocado (*Persea Americana*; Lauraceae)." *Proceedings of the National Academy of Sciences* **106** (2 June): 8929-8934.
- Chanderbali, Andre S., Brent A. Berger, Dianella G. Howarth, Pamela S. Soltis, & Douglas**

- E. Soltis.** 2016. “Evolving Ideas on the Origin and Evolution of Flowers: New Perspectives in the Genomic Era.” *Genetics* **202** (April): 1255-1265.
- Chanderbali, André S., Mi-Jeong Yoo, Laura M. Zahn, Samuel F. Brockington, P. Kerr Wall, Matthew A. Gitzendanner, Victor A. Albert, James Leebens-Mack, Naomi S. Altman, Hong Ma, Claude W. dePamphilis, Douglas E. Soltis, & Pamela S. Soltis.** 2010. “Conservation and canalization of gene expression during angiosperm diversification accompany the origin and evolution of the flower.” *Proceedings of the National Academy of Sciences* **107** (28 December): 22570-22575.
- Chandler, James Angus, & Michael Turelli.** 2014. “Comment on ‘The hologenomic basis of speciation: Gut bacteria cause hybrid lethality in the Genus *Nasonia*’.” *Science* **345** (29 August): 1011.
- Chandler, Michael Alison, & Michael Laris.** 2014. “Teachers oppose Va. Bill challenging mainstream science.” *The Washington Post* posting 30 January: online text accessed 2/13/2014 (www.washingtonpost.com).
- Chandler, Rick.** 2012. “Poll: 43 percent of people think Tebow’s success is due to divine intervention ... including 54 percent of Republicans.” *Off the Bench* 12 January posting (online text at offthebench.nbcsports.com accessed 1/21/2012).
- Chandler, Robert M.** 1999. “Fossil birds of Florissant, Colorado: With a Description of a New Genus and Species of Cuckoo.” Posting of March *National Park Service Geologic Resources Division* article (online pdf at www.globalraptors.org accessed 7/1/2017).
- Chandler, Russell.** 1992. *Racing Toward 2001: The Forces Shaping America’s Religious Future*. Grand Rapids, MI: Zondervan Publishing House.
- Chandler, Vicki L.** 2010. “Paramutation’s Properties and Puzzles.” *Science* **330** (29 October): 628-629.
- Chandler v. Siegelman.* 2001. United States Court of Appeals (Eleventh Circuit) Nos. 97-6898, 97-6953 ruling re: *Chandler et al. v. Siegelman et al.* (online text at www.leagle.com accessed 3/31/2014).
- Chandran, Harish, Nikhil Gopalkrishnan, Bernard Yurke, & John Reif.** 2012. “Meta-DNA: synthetic biology via DNA nanostructures and hybridization reactions.” *Journal of the Royal Society Interface* **9** (July): 1637-1653.
- Chandrasekar, Jagadeeswaran, & Scott K. Silverman.** 2013. “Catalytic DNA with phosphatase activity.” *Proceedings of the National Academy of Sciences* **110** (2 April): 5315-5320.
- Chandrasekaran, Chitra, & Esther Betrán.** 2008. “Origins of New Genes and Pseudogenes.” *Nature Education* (online @ nature.com) **1** (1): 181.
- Chandrasekaran, Sriram, Seth A. Ament, James A. Eddy, Sandra L. Rodriguez-Zas, Bruce R. Schatz, Nathan D. Price, & Gene E. Robinson.** 2011. “Behavior-specific changes in transcriptional modules lead to distinct and predictable neurogenomic states.” *Proceedings of the National Academy of Sciences* **108** (1 November): 18020-18025.
- Chandrasekharan, Unnikrishnan M., Subramaniam Sanker, Manuel J. Glynias, Sadashiva S. Karnik, & Ahsan Husain.** 1996. “Angiotensin II-Forming Activity in a Reconstructed Ancestral Chymase.” *Science* **271** (26 January): 502-505.
- Chandru, Kuhan, Yumiko Obayashi, Takeo Kaneko, & Kensei Kobayashi.** 2013. “Formation of amino acid condensates partly having peptide bonds in a simulated submarine hydrothermal environment.” *Viva Origino* (Japan) **41**: 24-28.
- Chanet, Bruno, & François Lusignan.** 2009. “Teaching Evolution in Primary Schools: An Example in French Classrooms.” *Evolution: Education & Outreach* **2** (March): 136-140.
- Chaney, Ralph W.** 1944. “A fossil cactus from the Eocene of Utah.” *American Journal of Botany* **31** (October): 507-528.
- Chaney, Rob.** 2005. “UM geologist studies rare fossils in China.” *The Missoulian* posting 5 July: online text accessed 7/13/2005 (www.missoulian.com).
- Chang, Audrey S., & Mohamed A. F. Noor.** 2007. “The Genetics of Hybrid Male Sterility Between the Allopatric Species Pair *Drosophila persimilis* and *D. pseudoobscura bogotana*: Dominant Sterility Alleles in Collinear Autosomal Regions.” *Genetics* **176**

- (May): 343-349.
- Chang, Belinda S. W.** 2003. "Ancestral Gene Reconstruction and Synthesis of Ancient Rhodopsins in the Laboratory." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (August): 500-507.
- . 2014. "Ancient insights into uric acid metabolism in primates." *Proceedings of the National Academy of Sciences* **111** (11 March): 3657-3658.
- Chang, Belinda S. W., & Michael J. Donoghue.** 2000. "Recreating ancestral proteins." *Trends in Ecology & Evolution* **15** (March): 109-114.
- Chang, Belinda S. W., Karolina Jönsson, Manija A. Kazmi, Michael J. Donoghue, & Thomas P. Sakmar.** 2002. "Recreating a Functional Ancestral Archosaur Visual Pigment." *Molecular Biology and Evolution* **19** (September): 1483-1489.
- Chang, Bo, Tanja Grau, Susann Dangel, Ron Hurd, Bernhard Jurklies, E. Cumhuri Sener, Sten Andreasson, Helene Dollfus, Britta Baumann, Sylvia Bolz, Nikolai Artemyev, Susanne Kohl, John Heckenlively, & Bernd Wissinger.** 2009. "A homologous genetic basis of the murine *cpfl1* mutant and human achromatopsia linked to mutations in the *PDE6C* gene." *Proceedings of the National Academy of Sciences* **106** (17 November): 19581-19586.
- Chang, Cheng, Ping Wu, Ruth E. Baker, Philip K. Maini, Lorenzo Alibardi, & Cheng-Ming Chuong.** 2009. "Reptile scale paradigm: Evo-Devo, pattern formation and regeneration." *International Journal of Developmental Biology* **53** (5/6): 813-826.
- Chang, Chun-Hsiang, Yousuke Kaifu, Masanaru Takai, Reiko T. Kono, Rainer Grün, Sguji Mats'ura, Les Kinsley, & Liang-Kong Lin.** 2015. "The first archaic *Homo* from Taiwan." *Nature Communications* (online @ nature.com) **6** (27 January): 6037.
- Chang, Dan, Michael Knapp, Jacob Enk, Sebastian Lippold, Martin Kircher, Adrian Lister, Ross D. E. MacPhee, Christopher Widga, Paul Czechowski, Robert Sommer, Emily Hodges, Nikolaus Stümpel, Ian Barnes, Love Dalén, Anatoly Derevianko, Mietje Germonpré, Alexandra Hillebrand-Voiculescu, Silviu Constantin, Tatyana Kuznetsova, Dick Mol, Thomas Rathgeber, Wilfried Rosendahl, Alexey N. Tikhonov, Eske Willerslev, Greg Hannon, Carles Lalueza-Fox, Ulrich Joger, Hendrik Poinar, Michael Hofreiter, & Beth Shapiro.** 2017. "The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis." *Scientific Reports* (online @ www.nature.com/srep/) **7** (22 March): 44585.
- Chang, E. Sally, Moran Neuhof, Nimrod D. Rubinstein, Arik Diamant, Hervé Philippe, Dorothee Huchon, & Paulyn Cartwright.** 2015. "Genomic insights into the evolutionary origin of Myxozoa within Cnidaria." *Proceedings of the National Academy of Sciences* **112** (1 December): 14912-14917.
- Chang, Fang-Yuan, & Sean F. Brady.** 2013. "Discovery of indolotryptoline antiproliferative agents by homology-guided metagenomic screening." *Proceedings of the National Academy of Sciences* **110** (12 February): 2478-2483.
- Chang, Hsiang-Kuang, Sun-Kun King, Jau-Shian Liang, Ping-Shien Wu, Lupin Chun-Che Lin, & Jeng-Lun Chiu.** 2006. "Occultation of X-rays from Scorpius X-1 by small trans-neptunian objects." *Nature* **442** (10 August): 660-663.
- Chang, Judy C., Lie Ye, & Yuet Wai Kan.** 2006. "Correction of the sickle cell mutation in embryonic stem cells." *Proceedings of the National Academy of Sciences* **103** (24 January): 1036-1040.
- Chang, K. C.** 1981. "In Search of China's Beginnings: New Light on an Old Civilization." *American Scientist* **69** (March-April): 148-160.
- Chang, Karen T., & Kyung-Tai Min.** 2009. "Upregulation of three *Drosophila* homologs of human chromosome 21 genes alters synaptic function: Implications for Down syndrome." *Proceedings of the National Academy of Sciences* **106** (6 October): 17117-17122.
- Chang, Kenneth.** 2006a. "Few Biologists but Many Evangelicals Sign Anti-Evolution Petition." *The New York Times* posting 21 February: online text accessed 11/3/2011 (www.nytimes.com).
- . 2006b. "Explaining Ice: The Answers Are Slippery." *The New York Times* posting 21

- February: online text accessed 2/27/2006 (www.nytimes.com).
- . 2006c. “Study, in a First, Explains Evolution’s Molecular Advance.” *The New York Times* posting 7 April: online text accessed 11/21/2010 (www.nytimes.com).
- . 2009. “Paleontology and Creationism Meet but Don’t Mesh.” *The New York Times* posting 29 June: online text accessed 11/17/2010 (www.nytimes.com).
- . 2015. “Jawbone in Rock May Clear Up a Mammal Family Mystery.” *The New York Times* posting 16 November: online text accessed 11/16/2015 (www.nytimes.com).
- Chang, Le, & Doris Y. Tsao.** 2017. “The Code for Facial Identity in the Primate Brain.” *Cell* **169** (1 June): 1013-1028.
- Chang, Liantang, Shikun Zhang, Mu-ming Poo, & Neng Gong.** 2017. “Spontaneous expression of mirror self-reflection in monkeys after learning precise visual-proprioceptive association for mirror images.” *Proceedings of the National Academy of Sciences* **114** (28 March): 3258-3263.
- Chang, Luke J., Peter J. Gianaros, Stephen B. Manuck, Anjali Krishnan, & Tor D. Wager.** 2015. “A Sensitive and Specific Neural Signature for Picture-Induced Negative Affect.” *PLoS Biology* (online @ plosbiology.org) **13** (June): e1002180.
- Chang, Mee-mann, Feixiang Wu, Desui Miao, & Jiangyong Zhang.** 2014. “Discovery of fossil lamprey larva from the Lower Cretaceous reveals its three-phased life cycle.” *Proceedings of the National Academy of Sciences* **111** (28 October): 15486-15490.
- Chang, Rosemarie Sokol, Glenn Geher, Jennifer Waldo, & David Sloan Wilson.** 2009. “EvoS for Everyone: The Launch of the *EvoS Journal*.” *EvoS Journal* (online @ evostudies.org) **1** (1): 1-2.
- Chang, Rui B., Hang Waters, & Emily R. Liman.** 2010. “A proton current drives action potentials in genetically identified sour taste cells.” *Proceedings of the National Academy of Sciences* **107** (21 December): 22320-22325.
- Chang, Sherwood.** 1999. “Planetary Environments and the Origin of Life.” *The Biological Bulletin* **196** (June): 308-310.
- Chang, Spencer, Matthew Kleban, & Thomas S. Levi.** 2009. “Watching worlds collide: effects on the CMB from cosmological bubble collisions.” *Journal of Cosmology and Astroparticle Physics* **2009** (24 April): 025.
- Chang, Steve W. C., Lauren J. N. Brent, Geoffrey K. Adams, Jeffrey T. Klein, John M. Pearson, Karli K. Watson, & Michael L. Platt.** 2013. “Neuroethology of primate social behavior.” *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10387-10394.
- Chang, Steve W. C., Nicholas A. Fagan, Koji Toda, Amanda V. Utevsy, John M. Pearson, & Michael L. Platt.** 2015. “Neural mechanisms of social decision-making in the primate amygdala.” *Proceedings of the National Academy of Sciences* **112** (29 December): 16012-16017.
- Chang, Ti-Cheng, Yang Yang, Ernest F. Retzel, & Wan-Sheng Liu.** 2013. “Male-specific region of the bovine Y chromosome is gene rich with a high transcriptomic activity in testis development.” *Proceedings of the National Academy of Sciences* **110** (23 July): 12373-12378.
- Chang, Tzu-Hao, Hsi-Yuan Huang, Justin Bo-Kai Hsu, Shun-Long Weng, Jorng-Tzong Horng, & Hsien-Da Huang.** 2013. “An enhanced computational platform for investigating the roles of regulatory RNA and for identifying functional RNA motifs.” *BMC Bioinformatics* **14** (Suppl 2): S4.
- Chang, Yong-Gang, Nai-Wei Kuo, Roger Tseng, & Andy LiWang.** 2011. “Flexibility of the C-terminal, or CII, ring of KaiC governs the rhythm of the circadian clock of cyanobacteria.” *Proceedings of the National Academy of Sciences* **108** (30 August): 14431-14436.
- Changing Lives.* 2011a. “Evidence against Evolution (concise and short).” *Changing Lives Online* 16 October posting (online text at www.changinglivesonline.org accessed 6/25/2013).
- . 2011b. “Who Made God?” *True Stories of Hope* 16 October posting (online text at

- www.changinglivesonline.org* accessed 6/25/2013).
- . 2011c. “Do Any Present-Day PhD Scientists Believe The Bible To Be Accurate?” *Changing Lives Online* 17 October posting (online text at *www.changinglivesonline.org* accessed 6/25/2013).
- . 2012a. “What About Evil Done in The Name Of Religion?” *Changing Lives Online* 28 January posting (online text at *www.changinglivesonline.org* accessed 6/25/2013).
- . 2012b. “Does Evolution Of Life In Reality Have Anything More Than Just ‘Sheer Higgledy-Piggledy Luck’?” *Changing Lives Online* 15 March posting (online text at *www.changinglivesonline.org* accessed 6/25/2013).
- Changizi, Mark A.** 2003. *The Brain From 25,000 Feet: High Level Explorations of Brain Complexity, Perception, Induction and Vagueness*. New York: Springer.
- . 2010. “The Colorful Smell of Richard Dawkins.” *Nature, Brain, and Culture* posting 16 June (online text at *psychologytoday.com* accessed 6/14/2012).
- Changizi, Mark A., & Darren He.** 2005. “Four Correlates of Complex Behavioral Networks: Differentiation, Behavior, Connectivity, and Compartmentalization.” *Complexity* **10** (July/August): 13-40.
- Changizi, Mark A., Andrew Hsieh, Romi Nijhawan, Ryota Kanai, & Shinsuke Shimojo.** 2008. “Perceiving-the-present and a systematization of illusions.” *Cognitive Science* **32** (April-May): 459-503.
- Changizi, M. A., M. A. McDannald, & D. Widders.** 2002. “Scaling of Differentiation in Networks: Nervous Systemas, Organisms, Ant Colonies, Ecosystems, Businesses, Universities, Cities, Electronic Circuits, and Legos.” *Journal of Theoretical Biology* **218** (21 September): 215-237.
- Changizi, Mark A., & Shinsuke Shimojo.** 2005. “Character complexity and redundancy in writing systems over human history.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (7 February): 267-275.
- Changizi, Mark A., Qiong Zhang, & Shinsuke Shimojo.** 2006. “Bare skin, blood and the evolution of primate colour vision.” *Royal Society Biology Letters* **2** (22 June): 217-221.
- Changizi, Mark A., Qiong Zhang, Hao Ye, & Shinsuke Shimojo.** 2006. “The Structures of Letters and Symbols throughout Human History Are Selected to Match Those Found in Objects in Natural Scenes.” *The American Naturalist* **167** (May E-Article): E117-E139.
- Channel 4000.* 1999. “Biology Teacher Sues For Damage Pay.” *Channel 4000* (Minneapolis-St. Paul) Associated Press posting (online text at *wcco.com* accessed 8/11/2000, not available as of 2/2/2014).
- Channell, J. E. T., D. A. Hodell, B. S. Singer, & C. Xuan.** 2010. “Reconciling astrochronological and $^{40}\text{Ar}/^{39}\text{Ar}$ ages for the Matuyama-Brunhes boundary and late Matuyama Chron.” *Geochemistry, Geophysics, Geosystems* **11** (December): 1-21.
- Channell, James E. T., Dennis V. Kent, William Lowrie, & Joseph G. Meert,** eds. 2004. *Timescales of the Paleomagnetic Field*. Geophysical Monograph Series 145. Washington, DC: American Geophysical Union.
- Chao, Fa-An, Aleardo Morelli, John C. Haugner III, Lewis Churchfield, Leonardo N. Haggmann, Lei Shi, Larry R. Masterson, Ritimukta Sarangi, Gianluigi Veglia, & Burckhard Seelig.** 2013. “Structure and dynamics of a primordial catalytic fold generated by *in vitro* evolution.” *Nature Chemical Biology* **9** (February): 81-83.
- Chao, Hsiao-Tuan, Hongmei Chen, Rodney C. Samaco, Mingshan Xue, Maria Chahrour, Jong Yoo, Jeffrey L. Neul, Shiaoqing Gong, Hui-Chen Lu, Nathaniel Heintz, Marc Ekker, John L. R. Rubenstein, Jeffrey L. Noebels, Christian Rosenmund, & Huda Y. Zoghbi.** 2010. “Dysfunction in GABA signalling mediates autism-like stereotypies and Rett syndrome phenotypes.” *Nature* **468** (11 November): 263-269.
- Chapais, Bernard.** 2011. “The Deep Social Structure of Humankind.” *Science* **331** (11 March): 1276-1277.
- Chapelle, Francis H., Kathleen O’Neill, Paul M. Bradley, Barbara A. Methé, Stacy A. Ciuffo, LeRoy L. Knobel, & Derek R. Lovley.** 2002. “A hydrogen-based subsurface microbial community dominated by methanogens.” *Nature* **415** (17 January): 312-315.

- Chapin, Charles E.** 2008. “Interplay of oceanographic and paleoclimate events with tectonism during middle to late Miocene sedimentation across the southwestern USA.” *Geosphere* **4** (December): 976-991.
- Chapman, Brad A., John E. Bowers, Frank A. Feltus, & Andrew H. Paterson.** 2006. “Buffering of crucial functions by paleologous duplicated genes may contribute cyclicity to angiosperm genome duplication.” *Proceedings of the National Academy of Sciences* **103** (21 February): 2730-2735.
- Chapman, Bruce.** 1997. “A Modest Proposal: Should We Change Our Minds About Infanticide?” *Seattle Post-Intelligencer* (21 October) *Discovery Institute* article posting (online text at *discovery.org* accessed 6/12/2000).
- . 2006. “The State of Scientific Research on Intelligent Design.” *Discovery Institute Evolution News & Views* for 2 October (online text at *evolutionnews.org* accessed 7/30/2014).
- . 2007. “Iceberg Uncovered in Iowa.” *Discovery Institute Evolution News & Views* for 2 December (online text at *evolutionnews.org* accessed 12/11/2007).
- . 2010. “A Classic Evolution Policy Blunder.” *The American Spectator* (4 August): online text accessed 8/6/2010 (*spectator.org*).
- . 2012a. “Opposition Grows to Obama Ruling on Hospitals.” *Discovery News* 31 January posting (online text at *www.discoverynews.org* accessed 2/4/2012).
- . 2012b. “‘Religious Liberty’ or ‘Access to Contraceptives’?” *Discovery News* 9 February posting (online text at *www.discoverynews.org* accessed 2/12/2012).
- . 2013a. “Con Men of Science.” *Discovery Institute Evolution News & Views* for 30 April (online text at *evolutionnews.org* accessed 5/3/2013).
- . 2013b. “Psychiatry as ‘Science’ Controversy Grows.” *Discovery Institute Evolution News & Views* for 28 May (online text at *evolutionnews.org* accessed 6/4/2013).
- . 2013c. “Ball State Should Get on the Ball.” *Discovery Institute Evolution News & Views* for 8 June (online text at *evolutionnews.org* accessed 6/15/2013).
- . 2013d. “George Gilder and Stephen Meyer on Creativity in Various Forms.” *Discovery Institute Evolution News & Views* for 12 June (online text at *evolutionnews.org* accessed 6/20/2013).
- . 2013e. “Bill Nye and Science Lies.” *Discovery Institute Evolution News & Views* for 24 July (online text at *evolutionnews.org* accessed 7/29/2013).
- . 2014a. “New Opponents to Opinion Suppression.” *Discovery Institute Evolution News & Views* for 10 April (online text at *evolutionnews.org* accessed 6/3/2014).
- . 2014b. “A Scientist’s Unethical Quote Fabrication.” *Discovery Institute Evolution News & Views* 17 September posting (online text at *evolutionnews.org* accessed 9/18/2014).
- . 2014c. “Detective Columbo of Chemistry: ‘I Don’t Understand Evolution’.” *Discovery Institute Evolution News & Views* 14 October posting (online text at *evolutionnews.org* accessed 10/15/2014).
- Chapman, Bruce, & David DeWolf.** 2002. “Why the Santorum Language Should Guide State Science Education Standards.” *Discovery Institute* posting (online pdf at *discovery.org* accessed 4/28/2002).
- Chapman, Bruce, & Stephen Meyer.** 2002. “Darwin Would Love This Debate.” *The Seattle Times* (10 June) reprinted at *Center for the Renewal of Science & Culture* (online text at *discovery.org* accessed 6/20/2002).
- Chapman, Colin A., & Kim Valenta.** 2015. “Costs and benefits of group living are neither simple or linear.” *Proceedings of the National Academy of Sciences* **112** (1 December): 14751-14752.
- Chapman, Donn S.** 2014. “Origins—Dragons or Dinosaurs? Part 1.” *Origins on Demand* posting (online video at *www.ctvn.org* accessed 2/8/2015).
- Chapman, Geoff.** 1984. “Your children and evolution: Hints for Christian Parents.” *Answers in Genesis Creation* **6** (May): 26-27.
- . 2002. “Factsheet No. 50: Ears to Hear.” *Creation Resources Trust* posting (online pdf at *www.c-r-t.co.uk* accessed 8/17/2016).

- Chapman, Glen W.** 1998. “The Problems With Carbon Dating.” *Chapman Research Group* February posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 1999. “Plate Tectonics—Some Interesting Comments.” *Chapman Research Group* November posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2002a. “Strange Artifacts Discovered in Texas Cretaceous Limestone.” *Chapman Research Group* June posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2002b. “Strange Artifacts From The Depth of The Earth.” *Chapman Research Group* June posting (online pdf at chapmanresearch.org accessed 5/28/2009).
- . 2002c. “Evidences For a Young Earth And Solar System.” *Chapman Research Group* December posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2002d. “Horses And The Book of Mormon.” *Chapman Research Group* December posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2003a. “The Sophistication of The Human Eye.” *Chapman Research Group* June posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2003b. “The Day The Dinosaur Died.” *Chapman Research Group* August posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2004. “Satan is Here and Working Hard.” *Chapman Research Group* June posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2007. “Book of Mormon Evidences From Ancient Aztec and Mayan Writings.” *Chapman Research Group* January posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- . 2008. “Glacial Cataclysm.” *Chapman Research Group* July posting (online pdf at chapmanresearch.org accessed 3/18/2015).
- Chapman, H. A., D. A. Kim, J. M. Susskind, & A. K. Anderson.** 2009. “In Bad Taste: Evidence for the Oral Origins of Moral Disgust.” *Science* **323** (27 February): 1222-1226.
- Chapman, Matthew.** 2002. *Trials of the Monkey: An Accidental Memoir*. New York: Picador USA.
- . 2007. *40 Days and 40 Nights: DARWIN, Intelligent Design, GOD, OxyContin® AND OTHER Oddities ON TRIAL IN Pennsylvania*. 2008 pb ed. New York: Collins (HarperCollins).
- Chapman, Michael W.** 2009a. “Vast Majority Support Teaching Evidence For and Against Darwin’s Evolution Theory.” Cybercast (formerly Conservative) New Service *CNSnews* 11 February posting (online text at cnsnews.com accessed 2/4/2012).
- . 2009b. “Evangelicals Give Away 170,000 Copies of Darwin’s Book With ‘Special Introduction’ to College Students.” Cybercast (formerly Conservative) New Service *CNSnews* 20 November posting (online text at cnsnews.com accessed 12/3/2012).
- Chapman, Paul H.** 1973. *The Man Who Led Columbus to America*. Atlanta, GA: Judson Press.
- Chapman, Phil.** 2008. “Sorry to ruin the fun, but an ice age cometh.” *Origins* posting of www.theaustralian.news.com.au 23 April article (online pdf at www.alcazar.net accessed 6/15/2011).
- Chapman, R. F.** 1969. *The Insects: Structure and Function*. New York: American Elsevier Publishing Company, Inc.
- Chapman, Susan Caroline.** 2011. “Can you hear me now? Understanding vertebrate middle ear development.” *Frontiers in Bioscience* **16** (1 January): 1675-1692.
- Chapman, Timothy.** 2012. “New Light on the Non-Existant Evolutionof the Opsin Protein.” *Chapman Creation Ministries* 29 October posting (online text at chapmancreationministries.blogspot.com accessed 3/9/2015).
- . 2015. “Evolutionary Problems Locked In by Fossil Jaw.” *Chapman Creation Ministries* 8 March posting (online text at chapmancreationministries.blogspot.com accessed 3/9/2015).
- Chapman, Tracey, Göran Arnqvist, Jenny Bangham, & Locke Rowe.** 2003. “Sexual conflict.” *Trends in Ecology & Evolution* **18** (January): 41-47.
- Chapuisat, Michel.** 2014. “Smells Like Queen Since the Cretaceous.” *Science* **343** (17 January): 254-255.

- Chaput, Michelle A., Björn Kroesche, Matthew Betts, Andrew Martindale, Rafal Kulik, Volker Schmidt, & Konrad Gajewski.** 2015. "Spatiotemporal distribution of Holocene populations in North America." *Proceedings of the National Academy of Sciences* **112** (29 September): 12127-12132.
- Charbonnier, Sylvain, Jean Vannier, Jean Galtier, Vincent Perrier, Dominique Chabard, & Daniel Sotty.** 2008. "Diversity and Paleoenvironment of the Flora From, the Nodules of the Montceau-Les-Mines Biota (Late Carboniferous, France)." *Palaios* **23** (April): 210-222.
- Charbonnier, S., J. Vannier, & B. Riou.** 2007. "New sea spiders from the Jurassic La Voulte-sur-Rhône Lagerstätte." *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 October): 2555-2561.
- Charen, Mona.** 1998. "Reconsidering Theism." *Jewish World Review* 13 February posting (online text at www.jewishworldreview.com accessed 1/18/2002).
- Charest, Ian, Rogier A. Kievit, Taylor W. Schmitz, Diane Deca, & Nikolaus Kriegeskorte.** 2014. "Unique semantic space in the brain of each beholder predicts perceived similarity." *Proceedings of the National Academy of Sciences* **111** (7 October): 14565-14570.
- Charette, François.** 2006. "High tech from Ancient Greece." *Nature* **444** (30 November): 551-552.
- Charig, Alan J., Frank Greenaway, Angela C. Milner, Cyril A. Walker, & Peter J. Whybrow.** 1986. "Archaeopteryx Is Not a Forgery." *Science* **232** (2 May): 622-626.
- Charig, Alan J., & Angela C. Milner.** 1997. "Baryonyx walkeri, a fish-eating dinosaur from the Wealdon of Surrey." *Bulletin of the Natural History Museum of London (Geology)* **53** (1): 11-70.
- Charisma News.* 2001. "New Briefs for August 2, 2001: TEN COMMANDMENTS JUDGE'S MONUMENT; TEEN'S CREATIONISM LAWSUIT." *Charisma News* 2 August posting (online text at www.charismanews.com accessed 9/6/2001).
- . 2012. "Bible Study Lands Arizona Pastor in Guantanamo Bay-Like Jail." *Charisma News* 6 August posting (online text at www.charismanews.com accessed 8/8/2012).
- . 2015. "5 Dangerous Enemies Against Your Christian Faith." *Charisma News* 20 February *Liberty Institute* posting (online text at www.charismanews.com accessed 2/21/2015).
- Charland-Verville, Vanessa, Jean-Pierre Jourdan, Marie Thonnard, Didier Ledoux, Anne-Françoise Donneau, Etienna Quertemont, & Steven Laureys.** 2014. "Near-death experiences in non-life-threatening events and coma of different etiologies." *Frontiers in Human Neuroscience* (online @ frontiersin.org) **8** (27 May): 203.
- Charland-Verville, Vanessa, Zulay Lugo, Jean-Pierre Jourdan, Marie Thonnard, Didier Ledoux, Anne-Françoise Donneau, & Steven Laureys.** 2015. "Near-Death Experiences in patients with locked-in syndrome: Not always a blissful journey." *Consciousness and Cognition* **34** (July): 28-32.
- Charlat, Sylvain, Emily A. Hornett, James H. Fullard, Neil Davies, George K. Roderick, Nina Wedell, & Gregory D. D. Hurst.** 2007. "Extraordinary Flux in Sex Ratio." *Science* **317** (13 July): 214.
- Charles, Cyril, Vincent Lazzari, Paul Tafforeau, Thomas Schimmang, Mustafa Tekin, Ophir Klein, & Laurent Viriot.** 2009. "Modulation of *Fgf3* dosage in mouse and men mirrors evolution of mammalian dentition." *Proceedings of the National Academy of Sciences* **106** (29 December): 22364-22368.
- Charles, Rick.** 2013. "Creationist Spotlight: John Pendleton." *Deinonychus Empire* 28 November posting (online text at deinonychusempire.deviantart.com/journal/ accessed 6/5/2014).
- Charles-Dominique, Tristan, T. Jonathan Davies, Gareth P. Hempson, Bezeng S. Bezeng, Barnabas H. Daru, Ronny M. Kabongo, Olivier Maurin, A. Muthama Muasya, Michelle van der Bank, & William J. Bond.** 2016. "Spiny plants, mammal browsers, and the origin of African savannas." *Proceedings of the National Academy of Sciences* **113** (20 September): E5572-E5579.

- Charlesworth, Brian.** 2002. “Evolution by design?” *Nature* **418** (11 July): 129.
- . 2009. “Effective population size and patterns of molecular evolution and variation.” *Nature Reviews Genetics* **10** (March): 195-205.
- . 2010. “Variation Catches a Ride.” *Science* **330** (15 October): 326-327.
- . 2015. “Causes of natural variation in fitness: Evidence from studies of *Drosophila* populations.” *Proceedings of the National Academy of Sciences* **112** (10 February): 1662-1669.
- Charlesworth, Deborah, Nicholas H. Barton, & Brian Charlesworth.** 2017. “The sources of adaptive variation.” *Proceedings of the Royal Society of London B* (Biological Sciences) **284** (31 May): 20162864.
- Charlesworth, D., B. Charlesworth, & G. Marais.** 2005. “Steps in the evolution of heteromorphic sex chromosomes.” *Heredity* **95** (August): 118-128.
- Charlton, T. F.** 2013. “Why Jason Collins’ Faith is Ignored... And Tebow’s Isn’t.” *Religion Dispatches* 2 May posting (online text at religiondispatches.org accessed 5/15/2013).
- Charnoz, Sébastien, & Alessandro Morbidelli.** 2007. “Coupling dynamical and collisional evolution of small bodies II. Forming the Kuiper belt, the Scattered Disk and the Oort Cloud.” *Icarus* **188** (June): 468-480.
- Charo, R. Alta.** 2015. “Fetal Tissue Fallout.” *The New England Journal of Medicine* **373** (3 September): 890-891.
- . 2017. “Alternative Science and Human Reproduction.” *The New England Journal of Medicine* **377** (27 July): 309-311.
- Charpinet, S., G. Fontaine, P. Brassard, E. M. Green, V. Van Grootel, S. K. Randall, R. Silvotti, A. S. Baran, R. H. Østensen, S. D. Kawaier, & J. H. Telting.** 2011. “A compact system of small planets around a former red-giant star.” *Nature* **480** (22 December): 496-499.
- Charrier, Cécile, Kaumudi Joshi, Jaeda Coutinho-Budd, Ji-Eun Kim, Nelle Lambert, Jacqueline de Marchena, Wei-Lin Jin, Pierre Vanderhaeghen, Anirvan Ghosh, Takayuki Sassa, & Franck Polleux.** 2012. “Inhibition of SRGAP2 Function by Its Human-Specific Paralogs Induces Neoteny during Spine Maturation.” *Cell* **149** (11 May): 923-935.
- Charrière, Fabien, Patrick O’Donoghue, Sunna Helgadóttir, Laurence Maréchal-Drouard, Marina Cristodero, Elke K. Horn, Dieter Söll, & André Schneider.** 2009. “Dual Targeting of a tRNA^{Asp} Requires Two Different Aspartyl-tRNA Synthetases in *Trypanosoma brucei*.” *The Journal of Biological Chemistry* **284** (12 June): 16210-16217.
- Charron, Sylvain, & Etienne Koechlin.** 2010. “Divided Representation of Concurrent Goals in the Human Frontal Lobes.” *Science* **328** (16 April): 360-363.
- Charroux, Robert,** trans. Lowell Bair. 1971a. *One Hundred Thousand Years of Man’s Unknown History*. New York: Berkley Medallion Books.
- , trans. Lowell Bair. 1971b. *Forgotten Worlds: Scientific Secrets of the Ancients and Their Warning for Our Time*. 1973 pb ed. New York: Popular Library.
- Chase, Kevin, David R. Carrier, Frederick R. Adler, Tyler Jarvik, Elaine A. Ostrander, Travis D. Lorentzen, & Karl G. Lark.** 2002. “Genetic basis for systems of skeletal quantitative traits: Principle component analysis of the canid skeleton.” *Proceedings of the National Academy of Sciences* **99** (23 July): 9930-9935.
- Chase, Timothy.** 2007. “A conspiracy of silence.” *British Centre for Science Education* 15 December posting (online text via www.bcseweb.org.uk accessed 1/8/2008).
- Chastain, Erick, Adi Livnet, Christos Papadimitriou, & Umesh Vazirani.** 2014. “Algorithms, games, and evolution.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10620-10623.
- Chatham, Christopher H., Michael J. Frank, & Yuko Munakata.** 2009. “Pupillometric and behavioral markers of a developmental shift in the temporal dynamics of cognitive control.” *Proceedings of the National Academy of Sciences* **106** (7 April): 5529-5533.
- Chattarji, Sumantra.** 2011. “Lipocalin comes callin’ on the hippocampus.” *Proceedings of the National Academy of Sciences* **108** (8 November): 18197-18198.

- Chatterjee, Abhishek, Han Xiao, & Peter G. Schultz.** 2012. “Evolution of multiple, mutually orthogonal prolyl-tRNA synthase/tRNA pairs for unnatural amino acid mutagenesis in *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **109** (11 September): 14841-14846.
- Chatterjee, Aditi, & Keshav K. Singh.** 2001. “Uracil-DNA glycosylase-deficient yeast exhibit a mitochondrial mutator phenotype.” *Nucleic Acids Research* **29** (15 December): 4935-4940.
- Chatterjee, Debapriya.** 2015. “New Geological Evidence Suggests Jesus’ Tomb Has Been Found.” *Atheist Republic* 19 April posting (online text at www.atheistrepublik.com accessed 4/21/2015).
- Chatterjee, Helen J., Simon Y. W. Ho, Ian Barnes, & Colin Groves.** 2009. “Estimating the phylogeny and divergence times of primates using a supermatrix approach.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (27 October): 259.
- Chatterjee, I. B.** 1973. “Evolution and the Biosynthesis of Ascorbic Acid.” *Science* **182** (21 December): 1271-1272.
- Chatterjee, Mallika, Qiuxia Guo, Sabrina Weber, Steffen Scholpp, & James YH Li.** 2014. “Pax6 regulates the formation of the habenular nuclei by controlling the temporospatial expression of Shh in the diencephalon in vertebrates.” *BMC Biology* (online @ biomedcentral.com) **12** (24 February): 13.
- Chatterjee, Sankar.** 1983. “An Ictidosaur Fossil from North America.” *Science* **220** (10 June): 1551-1553.
- . 1991. “Cranial anatomy and relationships of a new Triassic bird from Texas.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **332** (June): 277-342.
- . 1997. *The Rise of Birds: 225 Million Years of Evolution*. Baltimore, MD: Johns Hopkins University Press.
- . 1998. “Counting the Fingers of Birds and Dinosaurs.” *Science* **280** (17 April): 355.
- Chatterjee, Sankar, & Sunil Bajpai.** 2016. “India’s Northward Drift from Gondwana to Asia During the Late Cretaceous-Eocene.” *Proceedings of the Indian National Science Academy* **82** (July Supplement): 479-487.
- Chatters, James C., Douglas J. Kennett, Yemane Asmerom, Brian M. Kemp, Victor Polyak, Alberto Nava Blank, Patricia A. Beddows, Eduard Reinhardt, Joaquin Arroyo-Cabrales, Deborah A. Bolnick, Ripan S. Malhi, Brendan J. Culleton, Pilar Luna Erreguerena, Dominique Rissolo, Shanti Morell-Harth, & Thomas W. Stafford Jr.** 2014. “Late Pleistocene Human Skeleton and mtDNA Paleoamericans and Modern Native Americans.” *Science* **344** (16 May): 750-754.
- Chattopadhyay, Suddhashil, Radu Moldovan, Chuck Yeung, & X. L. Wu.** 2006. “Swimming efficiency of bacterium *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **103** (12 September): 13712-13717.
- Chattopadhyay, Sujay, Scott J. Weissman, Vladimir N. Minin, Thomas A. Russo, Daniel E. Dykhuizen, & Evgeni V. Sokurenko.** 2009. “High frequency of hotspot mutations in core genes of *Escherichia coli* due to short-term positive selection.” *Proceedings of the National Academy of Sciences* **106** (28 July): 12412-12417.
- Chatzigeorgiou, Marios, Sangsu Bang, Sun Wook Hwang, & William R. Schafer.** 2013. “*tmc-1* encodes a sodium-sensitive channel required for salt chemosensation in *C. elegans*.” *Nature* **494** (7 February): 95-99.
- Chaudhari, Sujati S., Yasuyuki Arakane, Charles A. Specht, Bernard Moussian, Daniel L. Boyle, Yoonseong Park, Karl J. Kramer, Richard W. Beeman, & Subbaratnam Muthukrishnan.** 2011. “Knickkopf protein protects and organizes chitin in the newly-synthesized insect exoskeleton.” *Proceedings of the National Academy of Sciences* **108** (11 October): 17028-17033.
- Chaudhary, Ritu, Hagop S. Atamian, Zhouxin Shen, Steven P. Briggs, & Isgouhi Kaloshian.** 2014. “GroEL from the endosymbiont *Buchnera aphidicola* betrays the aphid by triggering plant defense.” *Proceedings of the National Academy of Sciences* **111** (17 June): 8919-8924.

- Chaudhuri, C. Ray, & I. B. Chatterjee.** 1969. "L-Ascorbic Acid Synthesis in Birds: Phylogenetic Trend." *Science* **164** (25 April): 435-436.
- Chaudhury, Dipesh, Jessica J. Walsh, Allyson K. Friedman, Barbara Juarez, Stacy M. Ku, Ja Wook Koo, Deveroux Ferguson, Hsing-Chen Tsai, Lisa Pomeranz, Daniel J. Christoffel, Alexander R. Nectow, Mats Ekstrand, Ana Domingos, Michelle S. Mazei-Robison, Ezekiel Mouzon, Mary Kay Lobo, Rachael L. Neve, Jeffery M. Friedman, Scott J. Russo, Karl Deisseroth, Eric J. Nestler, & Ming-Hu Han.** 2013. "Rapid regulation of depression-related behaviours by control of midbrain dopamine neurons." *Nature* **493** (24 January): 532-536.
- Chaumeil, Julie, Paul D. Waters, Edda Koina, Clément Gilbert, Terence J. Robinson, & Jennifer A. Marshall Graves.** 2011. "Evolution from XIST-Independent to XIST-Controlled X-Chromosome Inactivation: Epigenetic Modifications in Distantly Related Mammals." *PLoS ONE* (online @ plosone.org) **6** (April): e19040.
- Chavali, Pavithra L., Monika Pütz, & Fanni Gergely.** 2014. "Small organelle, big responsibility: the role of centrosomes in development and disease." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **369** (5 September): 20130468.
- Chaves, Raquel, Filomena Adegá, Johannes Wienberg, Henrique Guedes-Pinto, & John S. Heslop-Harrison.** 2003. "Molecular cytogenetic analysis and centromeric satellite organization of a novel 8;11 translocation in sheep: a possible intermediate in biarmed chromosome evolution." *Mammalian Genome* **14** (October): 706-710.
- Chaves, Raquel, Filomena Adegá, John S. Heslop-Harrison, Henrique Guedes-Pinto, & Johannes Weinberg.** 2003a. "Complex satellite DNA reshuffling in the polymorphic t(1;29) Robertsonian translocation and evolutionarily derived chromosomes in cattle." *Chromosome Research* **11** (7): 641-648.
- . 2003b. "Molecular cytogenetic analysis and centromeric satellite organization of a novel 8;11 translocation in sheep: a possible intermediate in biarmed chromosome evolution." *Mammalian Genome* **14** (October): 706-710.
- Chaves, R., J. S. Heslop-Harrison, & H. Guedes-Pinto.** 2000. "Centromeric heterochromatin in the cattle rob (1;29) translocation: alpha-satellite I sequences, in-situ MspI digestion patterns, chromomycin staining and C-bands." *Chromosome Research* **8** (7): 621-626.
- Chavez, Crestina.** 2003. "Biology sparks debate at hearing on textbooks." *News 8 Austin* 9 July posting (online text at www.news8austin.com accessed 7/10/2003).
- Chavez, Mark.** 2010. "Rain Dances in the Dry Season: Overcoming the Religious Congruence Fallacy." *Journal for the Scientific Study of Religion* **49** (March): 1-14.
- Chavez-Dozal, Alba A., Clayton Gorman, C. Phoebe Lostroh, & Michele K. Nishiguchi.** 2014. "Gene-Swapping Mediates Host Specificity among Symbiotic Bacteria in a Beneficial Symbiosis." *PLoS ONE* (online @ plosone.org) **9** (July): e101691.
- Chavous, Kevin P.** 2012. "Parents Are Under Attack." *Townhall Daily* for 11 April (online text via townhall.com accessed 4/11/2012).
- Chawla, Lakhmir, & Michael G. Seneff.** 2013. "End-of-life electrical surges." *Proceedings of the National Academy of Sciences* **110** (29 October): E4123.
- Che, Jing, Wei-Wei Zhou, Jian-Sheng Hu, Fang Yan, Theodore J. Papenfuss, David B. Wake, & Ya-Ping Zhang.** 2010. "Spiny frogs (Paini) illuminate the history of the Himalayan region and Southeast Asia." *Proceedings of the National Academy of Sciences* **107** (3 August): 13765-13770.
- Checa, Antonio G., Takashi Okamoto, & Helmut Keupp.** 2002. "Abnormalities as natural experiments: a morphogenetic model for coiling regulation in planispiral ammonites." *Paleobiology* **28** (March): 127-138.
- Chédin, Stéphane, Michel Riva, Patrick Schultz, André Sentenac, & Christophe Carles.** 1998. "The RNA cleavage activity of RNA polymerase III is mediated by an essential TFIIS-like subunit and is important for transcription termination." *Genes & Development* **12** (15 December): 3857-3871.
- Cheek, Lawrence W.** 1994. *A.D. 1250: Ancient Peoples of the Southwest*. Phoenix, AZ:

- Arizona Highways Books.
- Cheeseman, Ian H., Becky A. Miller, Shalini Nair, Standwell Nkhoma, Asako Tan, John C. Tan, Salma Al Saai, Aung Pyae Phyo, Carit Ler Moo, Khin Maung Lwin, Rose McCready, Elizabeth Ashley, Mallika Imwong, Kasia Stepniewska, Poravuth Yi, Arjen M. Dondorp, Mayfong Mayxay, Paul N. Newton, Nicholas J. White, François Nosten, Michael T. Ferdig, & Timothy J. C. Anderson.** 2012. "A Major Genome Region Underlying Artemisinin Resistance in Malaria." *Science* **336** (6 April): 79-82.
- Cheeseman, James F., Craig D. Millar, Uwe Greggars, Konstantin Lehmann, Matthew D. M. Pawley, Charles R. Gallistel, Guy R. Warman, & Randolph Menzel.** 2014a. "Way-finding in displaced clock-shifted bees proves bees use a cognitive map." *Proceedings of the National Academy of Sciences* **111** (17 June): 8949-8954.
- . 2014b. "Reply to Cheung et al.: The cognitive map hypothesis remains the best interpretation of the data in honeybee navigation." *Proceedings of the National Academy of Sciences* **111** (2 October): E4398.
- Cheetham, Claire E. J., Una Park, & Leonardo Belluscio.** 2016. "Rapid and continuous activity-dependent plasticity of olfactory sensory input." *Nature Communications* (online @ nature.com) **7** (22 February): 10729.
- Cheetham, Erika.** 1985. *The Further Prophecies of Nostradamus: 1985 and Beyond*. New York: Perigee Books.
- Chekroud, Adam M., Emily J. Ward, Monica D. Rosenberg, & Avram J. Holmes.** 2016. "Patterns in the human brain mosaic discriminate males from females." *Proceedings of the National Academy of Sciences* **113** (5 April): E1968.
- Chelini, Chiara, Alessandro Lanteri, & Salvatore Rizzello.** 2009. "Moral Dilemmas and Decision-Making: An Experimental Trolley Problem." *International Journal of Human and Social Sciences* **4** (4): 247-255.
- Chelley-Hodge, Candace.** 2010a. "Coulter Calls WND 'Fake Christians'." *Religion Dispatches* 23 August (online text at religiondispatches.org accessed 8/24/2010).
- . 2010b. "Focus on the Family Goes to Bat for Bullies." *Religion Dispatches* 2 September (online text at religiondispatches.org accessed 9/3/2010).
- . 2010c. "Even Conservative Pollsters Find Growing Support for Gay Rights." *Religion Dispatches* 7 September (online text at religiondispatches.org accessed 9/8/2010).
- . 2010d. "O'Donnell Disowns Former 'Ex-Gay' Associate." *Religion Dispatches* 16 September (online text at religiondispatches.org accessed 9/30/2010).
- . 2010e. "Religious Right Panic: 'Anarchy' will Result if DADT is Repealed." *Religion Dispatches* 20 September (online text at religiondispatches.org accessed 9/21/2010).
- . 2010f. "Skepticism Over O'Donnell's Dabbling in Witchcraft." *Religion Dispatches* 20 September (online text at religiondispatches.org accessed 9/21/2010).
- . 2010g. "Another Book Burner Lusts for Attention." *Religion Dispatches* 22 September (online text at religiondispatches.org accessed 9/23/2010).
- . 2010h. "Coulter Feasts on Gay Republicans at Homocon." *Religion Dispatches* 27 September (online text at religiondispatches.org accessed 9/27/2010).
- . 2010i. "O'Donnell Blows Church-State Separation Dog Whistle." *Religion Dispatches* 19 October (online text at religiondispatches.org accessed 10/20/2010).
- . 2010j. "Nikki Haley: Churches Should Take Over Universal Pre-K Education." *Religion Dispatches* 26 October (online text at religiondispatches.org accessed 10/27/2010).
- . 2010k. "Do Boys in Tutus Break God's 'Chain of Command'?" *Religion Dispatches* 5 November (online text at religiondispatches.org accessed 11/9/2010).
- . 2010l. "Your Money or Your Civil Rights? Gays Vote GOP." *Religion Dispatches* 8 November (online text at religiondispatches.org accessed 11/9/2010).
- . 2010m. "Focus on the Family Cashes in on Anti-Gay 'Day of Truth'." *Religion Dispatches* 11 November (online text at religiondispatches.org accessed 11/13/2010).
- . 2010n. "Gay Republicans Ask for Social Issue Ceasefire." *Religion Dispatches* 16 November (online text at religiondispatches.org accessed 11/17/2010).
- . 2010o. "South Carolina Baptists Confuse Condemnation and Compassion." *Religion Dispatches* 17 November (online text at religiondispatches.org accessed 11/18/2010).

- . 2010p. “Ending DADT = Draft?” *Religion Dispatches* 19 November (online text at religiondispatches.org accessed 11/22/2010).
- . 2010q. “Pentagon Report Rejects Religious Right Arguments On DADT.” *Religion Dispatches* 30 November (online text at religiondispatches.org accessed 12/1/2010).
- . 2010r. “Are You Rapture Ready?” *Religion Dispatches* 3 December (online text at religiondispatches.org accessed 12/6/2010).
- . 2010s. “Anti-Gay Marriage Arguments for Prop 8 Fall Short.” *Religion Dispatches* 7 December (online text at religiondispatches.org accessed 12/7/2010).
- . 2010t. “Woe to You, Bryan Fischer.” *Religion Dispatches* 7 December (online text at religiondispatches.org accessed 12/8/2010).
- . 2010u. “Maddow Confronts Author of Ugandan ‘Kill the Gays’ Bill.” *Religion Dispatches* 9 December (online text at religiondispatches.org accessed 12/10/2010).
- . 2011a. “What Does Anti-Christian Even Mean?” *Religion Dispatches* 6 January (online text at religiondispatches.org accessed 1/7/2011).
- . 2011b. “Former Navy Chaplain Worries Ending DADT will End ‘Gay Exorcisms’.” *Religion Dispatches* 21 January (online text at religiondispatches.org accessed 1/22/2011).
- . 2011c. “Ugandan Gay Rights Activist Murdered, US Evangelicals Must Take Responsibility.” *Religion Dispatches* 27 January (online text at religiondispatches.org accessed 1/28/2011).
- . 2011d. “*Christianity Today* counsels ‘patience’ on Uganda’s anti-gay law.” *Religion Dispatches* 12 February (online text at religiondispatches.org accessed 1/7/2011).
- . 2011e. “Sarah Palin: Too Soft on GOP Gays For Some.” *Religion Dispatches* 8 February (online text at religiondispatches.org accessed 2/9/2011).
- . 2011f. “Atheists Battle for High School Clubs.” *Religion Dispatches* 11 February (online text at religiondispatches.org accessed 2/15/2011).
- . 2011g. “Obama Administration Won’t Defend Federal Defense of Marriage Act in Court.” *Religion Dispatches* 23 February (online text at religiondispatches.org accessed 2/26/2011).
- . 2011h. “Philadelphia Man Blames Bible for Stoning Death.” *Religion Dispatches* 21 March (online text at religiondispatches.org accessed 3/22/2011).
- . 2011i. “New Study Shows 1.7%, 4%, or 10% of Americans are Gay.” *Religion Dispatches* 7 April (online text at religiondispatches.org accessed 4/9/2011).
- . 2011j. “Uganda Shelves Kill the Gays Bill—For Now.” *Religion Dispatches* 14 May (online text at religiondispatches.org accessed 5/20/2011).
- . 2011k. “Anti-Gay Tour Organizer Comes Out for Gay Marriage, Renounces Hate.” *Religion Dispatches* 8 April (online text at religiondispatches.org accessed 4/15/2011).
- . 2011l. “Pope Benedict’s War on the Church.” *Religion Dispatches* 28 June (online text at religiondispatches.org accessed 6/29/2011).
- . 2011m. “Ghana Moves to Arrest Gays and Lesbians.” *Religion Dispatches* 21 July (online text at religiondispatches.org accessed 7/22/2011).
- . 2011n. “New York State Senator Declares War on NY Marriage Equality.” *Religion Dispatches* 25 July (online text at religiondispatches.org accessed 7/27/2011).
- . 2011o. “Blaming the Listener: NPR’s Non-Apology.” *Religion Dispatches* 5 August (online text at religiondispatches.org accessed 8/10/2011).
- . 2011p. “Anti-Gay Activism Falling Victim to Capitalism?” *Religion Dispatches* 7 September (online text at religiondispatches.org accessed 9/8/2011).
- . 2011q. “In Praise of Gay Republicans.” *Religion Dispatches* 23 September (online text at religiondispatches.org accessed 9/26/2011).
- . 2011r. “New Study Touts Success of ‘Praying Away the Gay’.” *Religion Dispatches* 28 September (online text at religiondispatches.org accessed 9/30/2011).
- . 2011s. “A Pair of Ex-Gay Leaders Make About Face.” *Religion Dispatches* 21 October (online text at religiondispatches.org accessed 10/24/2011).
- . 2011t. “New Southern Baptist Curriculum Bashes Gays.” *Religion Dispatches* 8 November (online text at religiondispatches.org accessed 11/10/2011).
- . 2011u. “Republican Candidates Face Mythical Gays.” *Religion Dispatches* 20 December

- (online text at *religiondispatches.org* accessed 12/21/2011).
- . 2012a. “Science, and Gays, Be Damned.” *Religion Dispatches* 11 April (online text at *religiondispatches.org* accessed 4/14/2012).
- . 2012b. “Inventing Jesus: An Interview with Bart Ehrman.” *Religion Dispatches* 24 April (online text at *religiondispatches.org* accessed 4/25/2012).
- . 2012c. “New Anti-Gay Snake Oil for Religious Right.” *Religion Dispatches* 13 June (online text at *religiondispatches.org* accessed 6/16/2012).
- . 2012d. “Not God’s Army: The Front Lines of Fight Against Proselytizing in the U.S. Military.” *Religion Dispatches* 9 September (online text at *religiondispatches.org* accessed 9/10/2012).
- . 2012e. “Forget Debates and Dialogue about LGBT Justice, the Religious Right isn’t Listening.” *Religion Dispatches* 25 September (online text at *religiondispatches.org* accessed 9/29/2012).
- . 2012f. “Bryan Fischer Sees Gay Agenda in Lunch Mixer.” *Religion Dispatches* 15 October (online text at *religiondispatches.org* accessed 10/21/2012).
- . 2012g. “Hurricane Sandy Spawns Right-Wing Theodicy.” *Religion Dispatches* 29 October (online text at *religiondispatches.org* accessed 11/3/2012).
- . 2012h. “Campaign Calls On Anti-Gay Leaders to ‘Repent’.” *Religion Dispatches* 28 November (online text at *religiondispatches.org* accessed 11/30/2012).
- . 2013a. “Christian Founder of Online Dating Site Wants to Ease Gay Pain.” *Religion Dispatches* 21 February (online text at *religiondispatches.org* accessed 2/25/2013).
- . 2013b. “Ex-Gay Org Loses Tax-Exempt Status.” *Religion Dispatches* 12 March (online text at *religiondispatches.org* accessed 3/16/2013).
- . 2013c. “Anti-Gay Republican Senator Comes Out as LGBT Ally.” *Religion Dispatches* 15 March (online text at *religiondispatches.org* accessed 3/23/2013).
- . 2013d. “Once Poster Child for Ex-Gay Industry, John Paulk Renounces His Support.” *Religion Dispatches* 19 April (online text at *religiondispatches.org* accessed 4/27/2013).
- . 2013e. “Exodus ‘Ex-Gay’ Ministry Closes Up Shop.” *Religion Dispatches* 20 June (online text at *religiondispatches.org* accessed 6/21/2013).
- . 2013f. “Columnist Applauds Russia’s Homophobic Law.” *Religion Dispatches* 9 August posting (online text at *religiondispatches.org* accessed 8/12/2013).
- . 2013g. “Material(ist) Girl: A Philosopher Argues Against the Soul.” *Religion Dispatches* 16 August posting (online text at *religiondispatches.org* accessed 8/18/2013).
- . 2013h. “Listening in on the Right-Wing Fringe” Gay Marriage Edition.” *Religion Dispatches* 14 September posting (online text at *religiondispatches.org* accessed 10/1/2013).
- . 2013i. “Why Pope Francis Makes Me Miss Jerry Falwell.” *Religion Dispatches* 29 October posting (online text at *religiondispatches.org* accessed 10/31/2013).
- . 2015. “(Ex-)Ex-Gay Activist Alan Chambers On His Prop 8 Epiphany And The Downfall Of Christianity And Evangelicalism.” *Religion Dispatches* 4 November posting (online text at *religiondispatches.org* accessed 11/5/2015).
- Chemostrat1646.** 2011. “Inventing the isochron: Steve Austin, Andrew Snelling, and the Cardenas Basalts of the Grand Canyon.” *Questioning Answers In Genesis* posting 2 March (online text at *questioninganswersingenesis.blogspot.com* accessed 6/19/2017).
- Chen, Albert.** 2015. “The Cartoon Guide to Vertebrate Evolution.” *Albertonykus* posting (online text at *albertonykus.deviantart.com* accessed 9/4/2015).
- Chen, Angus.** 2015. “Dino ‘sexing’ study slammed by critics.” *ScienceInsider* posting 22 April (online text at *news.sciencemag.org* accessed 4/23/2015).
- Chen, Caiyan, Cui Fan, Muqiang Gao, & Hongyan Zhu.** 2009. “Antiquity and Function of *CASTOR* and *POLLUX*, the Twin Ion Channel-Encoding Genes Key to the Evolution of Root Symbioses in Plants.” *Plant Physiology* **149** (January): 306-317.
- Chen, Chao, Lianrong Wang, Si Chen, Xiaolin Wu, Meijia Gu, Xi Chen, Susu Jiang, Yunfu Wang, Zixin Deng, Peter C. Dedon, & Shi Chen.** 2017. “Convergence of DNA methylation and phosphorothioation epigenetics in bacterial genomes.” *Proceedings of the National Academy of Sciences* **114** (25 April): 4501-4506.

- Chen, Chia-Wei Janet, Han-Sung Jung, Ting-Xin Jiang, & Cheng-Ming Chuong.** 1997. “Asymmetric Expression of Notch/Delta/Serrate Is Associated with the Anterior-Posterior Axis of Feather Buds.” *Developmental Biology* **188** (1 August): 181-187.
- Chen, Chih-Feng, John Foley, Pin-Chi Tang, Ang Li, Ting Xin Jiang, Ping Wu, Randall B. Widelitz, & Cheng Ming Chuong.** 2015. “Development, regeneration, and evolution of feathers.” *Annual Review of Animal Biosciences* **3**: 169-195.
- Chen, Chi-Hua, E. D. Gutierrez, Wes Thompson, Matthew S. Panizzon, Terry L. Jernigan, Lisa T. Eyler, Christine Fennema-Notestine, Amy J. Jak, Michael C. Neale, Carol E. Franz, Michael J. Lyons, Michael D. Grant, Bruce Fischl, Larry J. Seidman, Ming T. Tsuang, William S. Kremen, & Anders M. Dale.** 2012. “Hierarchical Genetic Organization of Human Cortical Surface Area.” *Science* **335** (30 March): 1634-1636.
- Chen, Chih-Yang, Alla Ignashchenkova, Peter Thier, & Ziad M. Hafed.** 2015. “Neuronal Response Gain Enhancement prior to Microsaccades.” *Current Biology* **25** (17 August): 2065-2074.
- Chen, Chingfer, Andrew J. Gentles, Jerzy Jurka, & Samuel Karlin.** 2002. “Genes, pseudogenes, and Alu sequence organization across human chromosomes 21 and 22.” *Proceedings of the National Academy of Sciences* **99** (5 March): 2930-2935.
- Chen, Chin-Wu, Stéphanie Rondenay, Rob. L. Evans, & David B. Snyder.** 2009. “Geophysical Detection of Relict Metasomatism from an Archean (~3.5 Ga) Subduction Zone.” *Science* **326** (20 November): 1089-1091.
- Chen, Chun-Kan, Mario Blanco, Constanza Jackson, Erik Aznauryan, Noah Ollikainen, Christine Surka, Amy Chow, Andrea Cerase, Patrick McDonel, & Mitchell Guttman.** 2016. “Xist recruits the X chromosome to the nuclear lamina to enable chromosome-wide silencing.” *Science* **354** (28 October): 468-472.
- Chen, Chun-Kan, Amy Chow, Mason Lai, & Mitchell Guttman.** 2017. “Response to Comment on ‘Xist recruits the X chromosome to the nuclear lamina to enable chromosome-wide silencing’.” *Science* **356** (16 June): eaam5439.
- Chen, Daizhao, Hairuo Qing, & Renwei Li.** 2005. “The Late Devonian Frasnian-Famennian (F/F) biotic crisis: Insights from $\delta^{13}\text{C}_{\text{carb}}$, $\delta^{13}\text{C}_{\text{org}}$ and $^{87}\text{Sr}/^{86}\text{Sr}$ isotopic systematics.” *Earth and Planetary Science Letters* **235** (30 June): 151-166.
- Chen, Deliang, & Tor Savidge.** 2015. “Comment on ‘Extreme electric fields power catalysis in the active site of a ketosteroid isomerase’.” *Science* **349** (28 August): 936.
- Chen, Dong, Jan H. Porada, Justin B. Hooper, Arthur Klitnick, Yongqiang Shen, Michael R. Tuchband, Eva Korblova, Dmitry Bedrov, David M. Walba, Matthew A. Glaser, Joseph E. MacLennan, & Noel A. Clark.** 2013. “Chiral helical ground state of nanoscale pitch in a nematic liquid crystal of achiral molecular dimers.” *Proceedings of the National Academy of Sciences* **110** (1 October): 15931-15936.
- Chen, Donglei, Henning Blom, Sophie Sanchez, Paul Tafforeau, & Per E. Ahlberg.** 2016. “The stem osteichthyan *Andreolepsis* and the origin of tooth replacement.” *Nature* **539** (10 November): 237-241.
- Chen, Fei, Eric A. Gaucher, Nicole A. Leal, Daniel Hutter, Stephanie A. Havemann, Sridhar Govindarajan, Eric A. Ortlund, & Steven A. Benner.** 2010. “Reconstructed evolutionary adaptive paths give polymerases accepting reversible terminators for sequencing and SNP detection.” *Proceedings of the National Academy of Sciences* **107** (2 February): 1948-1953.
- Chen, Fei, & Dan Yang.** 2007. “Condensation of amino acids to form peptides in aqueous solution induced by the oxidation of sulfur(IV): An oxidative model for prebiotic peptide formation.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (February): 47-54.
- Chen, Feng-Chi, Shu-Miaw Chaw, Yun-Huei Tzeng, Sheng-Shun Wang, & Trees-Juen Chuang.** 2007. “Opposite Evolutionary Effects between Different Alternative Splicing Patterns.” *Molecular Biology and Evolution* **24** (July): 1443-1446.
- Chen, Feng-Chi, Chueng-Jong Chen, Wen-Hsiung Li, & Trees-Juen Chuang.** 2007. “Human-specific insertions and deletions inferred from mammalian genome sequences.”

- Genome Research* **17** (January): 16-22.
- Chen, Feng-Chi, & Wen-Hsiung Li.** 2001. "Genomic Divergences between Humans and Other Hominoids and the Effective Population Size of the Common Ancestor of Humans and Chimpanzees." *The American Journal of Human Genetics* **78** (February): 444-456.
- Chen, Feng-Chi, Sheng-Shun Wang, Chuang-Jong Chen, Wen-Hsiung Li, & Trees-Juen Chuang.** 2006. "Alternatively and Constitutively Spliced Exons Are Subject to Different Evolutionary Forces." *Molecular Biology and Evolution* **23** (March): 675-682.
- Chen, Frances S., Robert Kumsta, Bernadette von Dawans, Mikhail Monakhov, Richard P. Ebstein, & Markus Heinrichs.** 2011. "Common oxytocin receptor gene (*OXTR*) polymorphism and social support interact to reduce stress in humans." *Proceedings of the National Academy of Sciences* **108** (13 December): 19937-19942.
- Chen, Frances S., Robert Kumsta, & Markus Heinrichs.** 2011. "Oxytocin and intergroup relations: Goodwill is not a fixed pie." *Proceedings of the National Academy of Sciences* **108** (29 March): E45.
- Chen, Gang, Kung-Yao Chang, Ming-Yuan Chou, Carlos Bustamante, & Ignacio Tinoco Jr.** 2009. "Triplex structures in an RNA pseudoknot enhance mechanical stability and increase efficiency of -1 ribosomal frameshifting." *Proceedings of the National Academy of Sciences* **106** (4 August): 12706-12711.
- Chen, Guangbo, William D. Bradford, Chris W. Seidel, & Rong Li.** 2012. "Hsp90 stress potentiates rapid cellular adaptation through induction of aneuploidy." *Nature* **482** (9 February): 246-250.
- Chen, Guifen, John A. King, Neil Burgess, & John O'Keefe.** 2013. "How vision and movement combine in the hippocampal place code." *Proceedings of the National Academy of Sciences* **110** (2 January): 378-383.
- Chen, Guoxiong, Takao Komatsuda, Jian Feng Ma, Christiane Nawrath, Mohammad Pourkheirandish, Akemi Tagiri, Yin-Gang Hu, Mohammad Sameri, Xinrong Li, Xin Zhao, Yubing Liu, Chao Li, Xiaoying Ma, Aidong Wang, Sudha Nair, Ning Wang, Akio Miyao, Shun Sakuma, Naoki Yamaji, Xiuting Zheng, & Eviatar Nevo.** 2011. "An ATP-binding cassette subfamily G full transporter is essential for the retention of leaf water in both wild barley and rice." *Proceedings of the National Academy of Sciences* **108** (26 July): 12354-12359.
- Chen, Hao, Sarika Kshirsagar, Ingvill Jensen, Kevin Lau, Roman Covarrubias, Samuel F. Schluter, & John J. Marchalonis.** 2009. "Characteristic of arrangement and expression of the T cell receptor γ locus in the sandbar shark." *Proceedings of the National Academy of Sciences* **106** (26 May): 8591-8596.
- Chen, Ho-Ming, Li-Teh Chen, Kanu Patel, Yi-Hang Li, David C. Baulcombe, & Shu-Hsing Wu.** 2010. "22-nucleotide RNAs trigger secondary siRNA biogenesis in plants." *Proceedings of the National Academy of Sciences* **107** (24 August): 15269-15274.
- Chen, I-Ching, Jane K. Hill, Ralf Ohlemüller, David B. Roy, & Chris D. Thomas.** 2011. "Rapid Range Shifts of Species Associated with High Levels of Climate Warming." *Science* **333** (19 August): 1024-1026.
- Chen, Irene A., & Martin A. Nowak.** 2012. "From Prolife to Life: How Chemical Kinetics Become Evolutionary Dynamics." *Accounts of Chemical Research* **45** (December): 2088-2096.
- Chen, Irene A., & Peter Walde.** 2010. "From Self-Assembled Vesicles to Protocells." *Cold Spring Harbor Perspectives in Biology* **2** (June): a002170.
- Chen, J. H., & G. R. Tilton.** 1976. "Isotopic lead investigations on the Allende carbonaceous chondrite." *Geochimica et Cosmochimica Acta* **40** (June): 635-643.
- Chen, J. H., & G. J. Wasserburg.** 1981. "The isotopic composition of uranium and lead in Allende inclusions and meteoritic phosphates." *Earth and Planetary Science Letters* **52** (January): 1-15.
- . 1985. "U-Th-Pb isotopic studies of meteorite ALHA 81005 and Ibitira." *Proceedings of the Lunar and Planetary Science Conferences* **16**: 119-120.
- Chen, Jia-Yu, Zhiyu Peng, Rongli Zhang, Xin-Zhuang Yang, Bertrand Chin-Ming Tan,**

- Huaying Fang, Chu-Jun Liu, Mingming Shi, Zhi-Qiang Ye, Yong E. Zhang, Minghua Deng, Xiuqin Zhang, & Chuan-Yun Li.** 2014. “RNA Editome in Rhesus Macaque Shaped by Purifying Selection.” *PLoS Genetics* (online @ plosgenetics.org) **10** (April): e1004274.
- Chen, Ju-Jiun, Bart-Jan Janssen, Andrina Williams, & Neelima Sinha.** 1997. “A Gene Fusion at a Homeobox Locus: Alterations in Leaf Shape and Implications for Morphological Evolution.” *The Plant Cell* **9** (August): 1289-1304.
- Chen, Jun-Yuan.** 2008. “Early crest animals and the insight they provide into the evolutionary origin of craniates.” *Genesis: The Journal of Genetics and Development* (AKA *Developmental Genetics*) **46** (November): 623-639.
- . 2009a. “The sudden appearance of diverse animal body plans during the Cambrian explosion.” *International Journal of Developmental Biology* **53** (5/6): 733-751.
- . 2009b. “Deep Root of the Modern Animal Diversity.” *Darwin-China 200 Conference* (Beijing) abstract posting (online text at www.darwin200.cn accessed 3/13/2014).
- Chen, Jun-Yuan, David J. Bootjer, Eric H. Davidson, Stephen Q. Dornbos, Xiang Gao, Yong-Hua Yang, Chia-Wei Li, Gang Li, Xiu-Qiang Wang, Ding-Chang Xian, Hung-Jen Wu, Yeu-Kuang Hwu, & Paul Tafforeau.** 2006. “Phosphatized Polar Lobe-Forming Embryos from the Precambrian of Southwest China.” *Science* **312** (16 June): 1644-1646.
- Chen, Jun-Yuan, David J. Bootjer, Gang Li, Michael G. Hadfield, Feng Gao, Andrew R. Cameron, Chen-Yu Zhang, Ding-Chang Xian, Paul Tafforeau, Xin Liao, & Zong-Jun Yin.** 2009. “Complex embryos displaying bilaterian characters from Precambrian Doushantuo phosphate deposits, Weng’an, Guizhou, China.” *Proceedings of the National Academy of Sciences* **106** (10 November): 19056-19060.
- Chen, Jun-Yuan, David J. Bootjer, Paola Oliveri, Stephen Q. Dornbos, Feng Gao, Seth Ruffins, Huimei Chi, Chia-Wei Li, & Eric Davidson.** 2004a. “Small Bilaterian Fossils from 40 to 55 Million Years Before the Cambrian.” *Science* **305** (9 July): 218-222.
- Chen, J.-Y., J. Dzik, G. D. Edgecombe, L. R. Ramsköld, & G.-Q. Zhou.** 1995. “A possible Early Cambrian chordate.” *Nature* **377** (26 October): 720-722.
- Chen, Jun-Yuan, & Di-Ying Huang.** 2002. “A Possible Lower Cambrian Chaetognath (Arrow Worm).” *Science* **298** (4 October): 187.
- Chen, Jun-yuan, Di-ying Huang, & David J. Bootjer.** 2005. “An Early Cambrian problematic fossil: *Vetustovermis* and its possible affinities.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (7 October): 2003-2007.
- Chen, Jun-Yuan, Di-Ying Huang, & Chia-Wei Li.** 1999. “An early Cambrian craniate-like chordate.” *Nature* **402** (2 December): 518-522.
- Chen, Jun-Yuan, Di-Ying Huang, Qing-Qing Peng, Hui-Mei Chi, Xiu-Qiang Wang, & Man Feng.** 2003. “The first tunicate from the Early Cambrian of South China.” *Proceedings of the National Academy of Sciences* **100** (8 July): 8314-8318.
- Chen, Jun-Yuan, Paola Oliveri, Eric Davidson, & David J. Bootjer.** 2004. “Response to Comment on ‘Small Bilaterian Fossils from 40 to 55 Million Years Before the Cambrian’.” *Science* **306** (19 November): 1291.
- Chen, Jun-Yuan, Paola Oliveri, Feng Gao, Stephen Q. Dornbos, Chia-Wei Li, David J. Bottjer, & Eric H. Davidson.** 2002. “Precambrian Animal Life: Probable Developmental and Adult Cnidarian Forms from Southwest China.” *Developmental Biology* **248** (1 August): 182-196.
- Chen, Jun-Yuan, Paola Oliveri, Chia-Wei Li, Gui-Qing Zhou, Feng Gao, James W. Hagadorn, Kevin J. Peterson, & Eric H. Davidson.** 2000. “Precambrian animal diversity: Putative phosphatized embryos from the Doushantuo Formation of China.” *Proceedings of the National Academy of Sciences* **97** (25 April): 4457-4462.
- Chen, Jun-Yuan, Lars Ramsköld, & Gui-qing Zhou.** 1994. “Evidence for Monophyly and Arthropod Affinity of Cambrian Giant Predators.” *Science* **264** (27 May): 1304-1308.
- Chen, Jun-Yuan, Jean Vannier, & Di-Ying Huang.** 2001. “The origin of crustaceans: new evidence from the Early Cambrian of China.” *Proceedings of the Royal Society of London B* (Biological Sciences) **268** (7 September): 2181-2187.

- Chen, Junyuan, & Guiqing Zhou.** 1997. "Biology of the Chengjiang Fauna." *Bulletin of the National Museum of Natural Science (China)* **10**: 11-105.
- Chen, Jun-Yuan, Mao-Yan Zhu, & Gui-Qing Zhou.** 1995. "The Early Cambrian medusiform metazoan Eldonia from the Chengjiang Lagerstätte." *Acta Palaeontologica Polonica* **40** (3): 213-244.
- Chen, Lei, Shuhai Xiao, Ke Pang, Chuanming Zhou, & Xunlai Yuan.** 2014. "Cell differentiation and germ-soma separation in Ediacaran animal embryo-like fossils." *Nature* **516** (11 December): 238-241.
- Chen, Liangbiao, Arthur L. DeVries, & Chi-Hing C. Cheng.** 1997a. "Evolution of antifreeze glycoprotein gene from a trypsinogen gene in Antarctic notothenioid fish." *Proceedings of the National Academy of Sciences* **94** (15 April): 3811-3816.
- . 1997b. "Convergent evolution of antifreeze glycoproteins in Antarctic notothenioid fish and Arctic cod." *Proceedings of the National Academy of Sciences* **94** (15 April): 3817-3822.
- Chen, Lin, Shaowu Zhang, & Mandyam V. Srinivasan.** 2003. "Global perception in small brains: Topological pattern recognition in honey bees." *Proceedings of the National Academy of Sciences* **100** (27 May): 6884-6889.
- Chen, Ling-Yun, Jin-Ming Chen, Robert Wahiti Gituru, Tamru Demsis Temam, & Qing-Feng Wang.** 2012. "Generic phylogeny and historical biogeography of Alismataceae, inferred from multiple DNA sequences." *Molecular Phylogenetics and Evolution* **63** (May): 407-416.
- Chen, Ling-Yun, Jin-Ming Chen, Robert Wahiti Gituru, & Qing-Feng Wang.** 2012. "Generic phylogeny, historical biogeography and character evolution of the cosmopolitan aquatic plant family Hydrocharitaceae." *BMC Evolutionary Biology* (online @ biomedcentral.com) **12** (10 March): 30.
- Chen, Lize, & Shuhab D. Khan.** 2010. "InSAR observation of the strike-slip faults in the northwest Himalayan frontal thrust system." *Geosphere* **6** (October): 731-736.
- Chen, Lizhen, Peng Zhao, Lance Wells, Chris T. Amemiya, Brian G. Condie, & Nancy R. Manley.** 2010. "Mouse and zebrafish Hoxa3 orthologues have nonequivalent in vivo protein function." *Proceedings of the National Academy of Sciences* **107** (8 June): 10555-10560.
- Chen, M. Keith.** 2008. "Rationalization and Cognitive Dissonance: Do Choices Affect or Reflect Preferences?" *University of California Los Angeles faculty posting of Cowles Foundation for Research in Economics at Yale University Discussion Paper No. 1669* (online pdf at www.anderson.ucla.edu accessed 2/2/2017).
- Chen, M. Keith, Venkat Lakshminarayanan, & Laurie R. Santos.** 2006. "How Basic are Behavioral Biases? Evidence from Capuchin Monkey Trading Behavior." *Journal of Political Economy* **114** (June): 517-537.
- Chen, Meng, & Zhe-Xi Luo.** 2012. "Postcranial Skeleton of the Cretaceous Mammal *Akidolestes cifelli* and Its Locomotor Adaptations." *Journal of Mammalian Evolution* **20** (September): 159-189.
- Chen, Ming, Ahmed El Goresy, & Philippe Gillet.** 2004. "Ringwoodite lamellae in olivine: Clues to olivine-ringwoodite phase transition mechanisms in shocked meteorites and subducting slabs." *Proceedings of the National Academy of Sciences* **101** (19 October): 15033-15037.
- Chen, Mingchen, Weihua Zheng, & Peter G. Wolynes.** 2016. "Energy landscapes of a mechanical prion and their implications for the molecular mechanism of long-term memory." *Proceedings of the National Academy of Sciences* **113** (3 May): 5006-5011.
- Chen, Naiyan, Hiroki Sugihara, Jitendra Sharma, Gertrudis Perea, Jeremy Petravicz, Chuong Le, & Mriganka Sur.** 2012. "Nucleus basalis-enabled stimulus-specific plasticity in the visual cortex is mediated by astrocytes." *Proceedings of the National Academy of Sciences* **109** (9 October): E2832-E2841.
- Chen, Pei-ji, Zhi-ming Dong, & Shuo-nan Zhen.** 1998. "An exceptionally well-preserved theropod dinosaur from the Yixian Formation of China." *Nature* **391** (8 January): 147-152.

- Chen, Ridong, Ann Greer, & Antony M. Dean.** 1995. "A highly active decarboxylating dehydrogenase with rationally inverted coenzyme specificity." *Proceedings of the National Academy of Sciences* **92** (5 December): 11666-11670.
- . 1996. "Redesigning secondary structure to invert coenzyme specificity in isopropylmalate dehydrogenase." *Proceedings of the National Academy of Sciences* **93** (29 October): 12171-12176.
- Chen, Ruihuan, Merry C. Nishimura, Samir Kharbanda, Frank Peale, Yuzhong Deng, Anneleen Daemen, William F. Forrest, Mandy Kwong, Maj Hedehus, Georgia Hatzivassiliou, Lori S. Friedman, & Heidi S. Phillips.** 2014. "Hominoid-specific enzyme GLUD2 promotes growth of *IDH1^{R132H}* glioma." *Proceedings of the National Academy of Sciences* **111** (30 September): 14217-14222.
- Chen, Samuel S.** 2006. "*KITZMILLER v. DOVER*: The Truth Behind the Politics." *Access Research Network* posting (online pdf at www.arn.org accessed 6/11/2012).
- . 2007. "Louisiana Governor Supports Intelligent Design." *Overwhelming Evidence* posting on 31 October (online text at www.overwhelmingevidence.com accessed 1/2/2008, not available as of 1/23/2017).
- Chen, Shou-Tao, Hsin-Chien Cheng, Daniel A. Barbash, & Hsiao-Pei Yang.** 2007. "Evolution of *hydra*, a Recently Evolved Testis-Expressed Gene with Nine Alternative First Exons in *Drosophila melanogaster*." *PLoS Genetics* (online @ plosgenetics.org) **3** (July): e107.
- Chen, Sidi, Benjamin H. Krinsky, & Manyuan Long.** 2013. "New genes as drivers of phenotypic evolution." *Nature Reviews Genetics* **14** (September): 645-660.
- Chen, Sidi, Maria Spletter, Xiaochun Ni, Kevin P. White, Liqun Luo, & Manyuan Long.** 2012. "Frequent Recent Origination of Brain Genes Shaped the Evolution of Foraging Behavior in *Drosophila*." *Cell Reports* **1** (16 February): 118-132.
- Chen, Sidi, Yong E. Zhang, & Manyuan Long.** 2010. "New Genes in *Drosophila* Quickly Become Essential." *Science* **330** (17 December): 1682-1685.
- Chen, Songye, Morgan Beeby, Gavin E. Murphy, Jared R. Leadbetter, David R. Hendrixson, Ariane Briegel, Zhuo Li, Jian Shi, Elitza I. Tocheva, Axel Müller, Megan J. Dobro, & Grant J. Jensen.** 2011. "Structural diversity of bacterial flagellar motors." *The EMBO Journal* **30** (14 June): 2972-2981.
- Chen Tianyu, Laura F. Robinson, Andrea Burke, John Southon, Peter Spooner, Paul J. Morris, & Hong Chin Ng.** 2015. "Synchronous centennial abrupt events in the ocean and atmosphere during the last deglaciation." *Science* **349** (25 September): 1537-1541.
- Chen, Wei-Jen, Sébastien Lavoué, & Richard L. Mayden.** 2013. "Evolutionary Origin and Early Biogeography of Otophysan Fishes (Ostariophysi: Teleostei)." *Evolution* **67** (August): 2218-2239.
- Chen, Weile, Roger T. Kolde, Thomas S. Adams, Jared L. DeForest, Lei Cheng, & David M. Eissenstat.** 2016. "Root morphology and mycorrhizal symbioses together shape nutrient foraging strategies of temperate trees." *Proceedings of the National Academy of Sciences* **113** (2 August): 8741-8746.
- Chen, Weizao, Mingqiu Liu, Gong Cheng, Weiyao Yan, Liang Fei, & Zhaoxin Zheng.** 2005. "RNA silencing: A remarkable parallel to protein-based immune systems in vertebrates?" Federation of European Biochemical Societies *FEBS Letters* **579** (25 April): 2267-2272.
- Chen, Xi, Na Li, & Andrew D. Ellington.** 2007. "Ribozyme Catalysis of Metabolism in the RNA World." *Chemistry & Biodiversity* **4** (April): 633-655.
- Chen, Xianyao, & Ka-Kit Tung.** 2014. "Varying planetary heat sink led to global-warming slowdown and acceleration." *Science* **345** (22 August): 897-903.
- Chen, Xiao, John R. Bracht, Aaron David Goldman, Egor Dolzhenko, Derek M. Clay, Estienne C. Swart, David H. Perlman, Thomas G. Doak, Andrew Stuart, Chris T. Amemiya, Robert F. Sebra, & Laura F. Landweber.** 2014. "The Architecture of a Scrambled Genome Reveals Massive Levels of Genomic Rearrangement during Development." *Cell* **158** (28 August): 1187-1198.
- Chen, Xiaobing, & Howard C. Berg.** 2000. "Torque-Speed Relationship of the Flagellar Rotary

- Motor of *Escherichia coli*.” *Biophysical Journal* **78** (February): 1036-1041.
- Chen, Xiao-Guang, Xuanting Jiang, Jinbao Gu, Meng Xu, Yang Wu, Yuhua Deng, Chi Zhang, Mariangela Bonizzoni, Wannas Dermauw, John Vontas, Peter Armbruster, Xin Huang, Yulan Yang, Hao Zhang, Weiming He, Hongjuan Peng, Yongfeng Liu, Kun Wu, Jiahua Chen, Manolis Lirakis, Pantelis Topalis, Thomas Van Leeuwen, Andrew Brantley Hall, Xiaofang Jiang, Chevon Thorpe, Rachel Lockridge Mueller, Cheng Sun, Robert Michael Waterhouse, Guiyun Yan, Zhijian Jake Tu, Xiaodong Fang, & Anthony A. James.** 2015. “Genome sequence of the Asian Tiger mosquito *Aedes albopictus*, reveals insights into its biology, genetics, and evolution.” *Proceedings of the National Academy of Sciences* **112** (3 November): E5907-E5915.
- Chen, Xiao-hong, Ryosuke Motani, Long Cheng, Da-yong Jiang, & Olivier Rieppel.** 2014. “The Enigmatic Marine Reptile *Nanchangosaurus* from the Lower Triassic of Hubei, China and the Phylogenetic Affinities of Hupehsuchia.” *PLoS ONE* (online @ plosone.org) **9** (July): e102361.
- Chen, Xiaoke, Mariano Gabitto, Yueqing Peng, Nicholas J. P. Ryba, & Charles S. Zuker.** 2011. “A Gustotopic Map of Taste Qualities in the Mammalian Brain.” *Science* **333** (2 September): 1262-1266.
- Chen, Xiaoshu, & Jianzhi Zhang.** 2014. “Yeast mutation accumulation experiment supports elevated mutation rates at highly transcribed sites.” *Proceedings of the National Academy of Sciences* **111** (30 September): E4062.
- Chen, Yanqing, Jun Zhu, Pek Yee Lum, Xia Yang, Shirly Pinto, Douglas J. MacNeil, Chunsheng Zhang, John Lamb, Stephen Edwards, Solveig K. Sieberts, Amy Leonardson, Lawrence W. Castellini, Susanna Wang, Marie-France Champy, Bin Zhang, Valur Emilsson, Sudheer Doss, Anatole Ghazalpour, Steve Horvath, Thomas A. Drake, Aldons J. Lusic, & Eric E. Schadt.** 2008. “Variations in DNA elucidate molecular networks that cause disease.” *Nature* **452** (27 March): 429-435.
- Chen, Yen-Shan, Joseph D. Racca, Paul W. Sequeira, Nelson B. Phillips, & Michael A. Weiss.** 2013. “Microsatellite-encoded domain in rodent Sry functions as a genetic capacitor to enable the rapid evolution of biological novelty.” *Proceedings of the National Academy of Sciences* **110** (13 August): E3061-E3070.
- Chen, Yiming, Robin Lowenfeld, & Christopher A. Cullis.** 2009. “An environmentally induced adaptive (?) insertion event in flax.” *International Journal of Genetics and Molecular Biology* **1** (June): 38-47.
- Chen, Yining, Laura E. Matheson, & Jon T. Sakata.** 2016. “Mechanisms underlying the social enhancement of vocal learning in songbirds.” *Proceedings of the National Academy of Sciences* **113** (14 June): 6641-6646.
- Chen, YiPing, Yanding Zhang, Ting-Xing Jiang, Amanda J. Barlow, Tara R. St. Amand, Yueping Hu, Shaun Heaney, Philippa Francis-West, Cheng-Ming Chuong, & Richard Maas.** 2000. “Conservation of early odontogenic signaling pathways in *Aves*.” *Proceedings of the National Academy of Sciences* **97** (29 August): 10044-10049.
- Chen, Zhe, Chuanming Zhou, Mike Meyer, Ke Xiang, James D. Schiffbauer, Xunlai Yuan, & Shuhai Xiao.** 2013. “Trace fossil evidence for Ediacaran bilaterian animals with complex behaviors.” *Precambrian Research* **224** (January): 690-701.
- Chen, Zhe, Chuanming Zhou, Shuhai Xiao, Wei Wang, Chengguo Guan, Hong Hua, & Xunlai Yuan.** 2014. “New Ediacara fossils preserved in marine limestone and their ecological implications.” *Scientific Reports* (online @ www.nature.com/srep/) **4** (25 February): 4180.
- Chen, Zheng, Seung-Hee Yoo, Yong-Sung Park, Keon-Hee Kim, Shuguang Wei, Ethan Buhr, Zeng-You Ye, Hui-Lin Pan, & Joseph S. Takahashi.** 2012. “Identification of diverse modulators of central and peripheral circadian clocks by high-throughput chemical screening.” *Proceedings of the National Academy of Sciences* **109** (3 January): 101-106.
- Chen, Zhong-Qiang, & Michael J. Benton.** 2012. “The timing and pattern of biotic recovery following the end-Permian mass extinction.” *Nature Geoscience* **5** (June): 375-383.
- Chen, Zhong-Qiang, Monica J. Campi, Guang R. Shi, & Kunio Kaiho.** 2005. “Post-extinction

- brachiopod faunas from the Late Permian Wuchiapingian coal series of South China.” *Acta Palaeontologica Polonica* **50** (2): 343-363.
- Cheney, Dorothy L.** 2011. “Extent and limits of cooperation in animals.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10902-10909.
- Cheney, Dorothy L., Liza R. Moscovice, Marlies Heesen, Roger Mundry, & Robert M. Seyfarth.** 2010. “Contingent cooperation between wild female baboons.” *Proceedings of the National Academy of Sciences* **107** (25 May): 9562-9566.
- Cheney, Eric.** 2015. “Religion and the Rise and Fall of Islamic Science.” *Harvard University* posting of 10 December paper (online pdf at *scholar.harvard.edu* accessed 12/18/2015).
- Cheng, Changmei, Chang Fan, Rong Wan, Chunyuan Tong, Zhiwei Miao, Jing Chen, & Yufen Zhao.** 2002. “Phosphorylation of Adenosine with Trimetaphosphate Under Simulated Prebiotic Conditions.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (June): 219-224.
- Cheng, Chi-Hing, & Liangbiao Chen.** 1999. “Evolution of an antifreeze glycoprotein.” *Nature* **401** (30 September): 443-444.
- Cheng, Hai, R. Lawrence Edwards, Wallace S. Broecker, George H. Denton, Xinggong Kong, Yongjin Wang, Rong Zhang, & Xianfeng Wang.** 2009. “Ice Age Terminations.” *Science* **326** (9 October): 248-252.
- Cheng, Hai, R. Lawrence Edwards, Ashish Sinha, Christoph Spötl, Liang Yi, Shitao Chen, Megan Kelly, Gayatri Kathayat, Xianfeng Wang, Xianglei Li, Xinggong Kong, Yongjin Wang, Youfeng Ning, & Haiwei Zhang.** 2016. “The Asian monsoon over the past 640,000 years and ice age terminations.” *Nature* **534** (30 June): 640-646.
- Cheng, Kenneth K. Y., Karen S. L. Lam, Donghai Wu, Yu Wang, Gary Sweeney, Ruby L. C. Hoo, Jialiang Zhang, & Aimin Xu.** 2012. “APPL₁ potentiates insulin secretion in pancreatic β cells by enhancing protein kinase Akt-dependent expression of SNARE proteins in mice.” *Proceedings of the National Academy of Sciences* **109** (5 June): 8919-8924.
- Cheng, Leslie K. L., & Peter J. Unrau.** 2010. “Closing the Circle: Replicating RNA with RNA.” *Cold Spring Harbor Perspectives in Biology* **2** (October): a002204.
- Cheng, Liang, Charles Doubleday, & Ronald Breslow.** 2015. “Evidence for tunneling in base-catalyzed isomerization of glyceraldehyde to dihydroxyacetone by hydride shift under formose conditions.” *Proceedings of the National Academy of Sciences* **112** (7 April): 4218-4220.
- Cheng, Liang, Adaickapillai Mahendran, Ruben L. Gonzalez Jr., & Ronald Breslow.** 2014. “Deoxypolypeptides bind and cleave RNA.” *Proceedings of the National Academy of Sciences* **111** (3 June): 7920-7924.
- Cheng, Long, Xiao-Hong Chen, Qing-Hua Shang, & Xiao-Chun Wu.** 2014. “A new marine reptile from the Triassic of China, with a highly specialized feeding adaptation.” *Naturwissenschaften* **101** (March): 251-259.
- Cheng, Qin, Gregor Lawrence, Carol Reed, Anthony Stowers, Lisa Ranford-Cartwright, Alison Creasey, Richard Carter, & Allan Saul.** 1997. “Measurement of *Plasmodium falciparum* growth rates in vivo: A test of malaria vaccines.” *The American Journal of Tropical Medicine and Hygiene* **57** (October): 495-500.
- Cheng, Ryan R., Faruck Morcos, Herbert Levine, & José N. Onuchic.** 2014. “Toward rationally redesigning bacterial two-component signaling systems using coevolutionary information.” *Proceedings of the National Academy of Sciences* **111** (4 February): E563-E571.
- Cheng, Yi-Qiang, Gong-Li Tang, & Ben Shen.** 2003. “Type I polyketide synthase requiring a discrete acyltransferase for polyketide biosynthesis.” *Proceedings of the National Academy of Sciences* **100** (18 March): 3149-3154.
- Cheng, Yong, Zhihai Ma, Bong-Hyun Kim, Weisheng Wu, Philip Cayting, Alan P. Boyle, Vasavi Sundaram, Xiaoyun Xing, Nergiz Dogan, Jingjing Li, Ghia Euskirchen, Shin Lin, Yiing Lin, Axel Visel, Trupti Kawli, Xinqiong Yang, Dorrelyn Patacsil, Cheryl A. Keller, Belinda Giardine, The Mouse ENCODE Consortium, Anshul Kundaje, Ting**

- Wang, Len A. Pennacchio, Zhiping Weng, Ross C. Hardison, & Michael P. Snyder.** 2014. "Principles of regulatory information conservation between mouse and human." *Nature* **515** (20 November): 371-375.
- Cheng, Ze, Mario Ventura, Xinwei She, Philipp Khaitovich, Tina Graves, Kazutoyo Osoegawa, Deanna Church, Pieter DeJong, Richard K. Wilson, Svante Pääbo, Mariano Rocchi, & Evan E. Eichler.** 2005. "A genome-wide comparison of recent chimpanzee and human segmental duplications." *Nature* **437** (1 September): 88-93.
- Chenoweth, Joey.** 2015. "Coolidge city council meetings: Prayers planned, but Christian only." *Coolidge Examiner* (Coolidge, Arizona) posting 15 September: online text accessed 9/18/2015 (www.trivalleycentral.com).
- Chenoweth, Luke B., & Michael Schwarz.** 2011. "Biogeographical origins and diversification of the exoneurine allodapine bees of Australia (Hymenoptera, Apidae)." *Journal of Biogeography* **38** (August): 1471-1483.
- Chenoweth, Stephen F., & Mark W. Blows.** 2006. "Dissecting the complex genetic basis of mate choice." *Nature Reviews Genetics* **7** (September): 681-692.
- Cherkis, Jason, & Zach Carter.** 2012. "Mitt Romney's Bain Made Millions On Big Tobacco In U.S., Russia." *Huffington Post* posting 9 October (online text at huffingtonpost.com accessed 11/8/2011).
- Cherniak, D. J., E. B. Watson, & J. B. Thomas.** 2009. "Diffusion of helium in zircon and apatite." *Chemical Geology* **268** (20 October): 155-166.
- Chernikova, Diana, Sam Motamedi, Miklós Csürös, Eugene V. Koonin, & Igor B. Rogozin.** 2011. "A late origin of the extant eukaryotic diversity: divergence time estimates using rare genomic changes." *Biology Direct* (online @ biomedcentral.com) **6** (19 May): 26.
- Chernin, Arthur D.** 2002. "Physical vacuum and cosmic coincidence problem." *New Astronomy* **7** (March): 113-116.
- Chernow, Ron.** 1998. *Titan: The Life of John D. Rockefeller, Sr.* New York: Random House.
- Chernus, Ira.** 2010. "Israeli Forest Fire as Divine Punishment, Religious Leaders (From Both Sides) Agree." *Religion Dispatches* 6 December (online text at religiondispatches.org accessed 12/7/2010).
- . 2011. "Conservatism's Bulldog Claims Psychology Tilts Liberal." *Religion Dispatch* 18 February (online text at religiondispatches.org accessed 2/28/2011).
- . 2012a. "'Religious Freedom' and the Conservative Quest for Absolute Truth." *Religion Dispatch* 21 February (online text at religiondispatches.org accessed 2/22/2012).
- . 2012b. "Patriotism and Piety—Not For Conservatives Only." *Religion Dispatch* 17 June (online text at religiondispatches.org accessed 6/21/2012).
- Cherry, Lynne, & Gary Braasch.** 2010. *How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming.* Nevada City, CA: Dawn Publications.
- Cherry, Matt, & Bob Churchill.** 2013. "Freedom of Thought 2013: A Global Report on the Rights, Legal Status, and Discrimination Against Humanists, Atheists, and the Non-religious." International Humanist and Ethical Union *The Freedom of Thought Report* posting (online pdf at freethoughtreport.com accessed 1/20/2014).
- Cherry, Michael.** 2000. "Mbeki gives AIDS scientists the cold shoulder." *Nature* **406** (13 July): 113.
- Cherry, Timothy J., Jeffrey M. Trimarchi, Michael B. Stadler, & Constance L. Cepko.** 2009. "Development and diversification of retinal amacrine interneurons at single cell resolution." *Proceedings of the National Academy of Sciences* **106** (9 June): 9495-9500.
- Chervitz, Stephen A., L. Aravind, Gavin Sherlock, Catherine A. Ball, Eugene V. Koonin, Selina S. Dwight, Midori A. Harris, Kara Dolinski, Scott Mohr, Temple Smith, Shuai Wend, J. Michael Cherry, & David Botstein.** 1998. "Comparison of the Complete Protein Sets of Worm and Yeast: Orthodoxy and Divergence." *Science* **282** (11 December): 2022-2028.
- Chesler, Alexander, & Stuart Firestein.** 2008. "Current views on odour receptors." *Nature* **452** (24 April): 944.

- Chessa, Bernardo, Filipe Pereira, Frederick Arnaud, Antonio Amorim, Félix Goyache, Ingrid Mainland, Rowland R. Kao, Josephine M. Pemberton, Dario Beraldi, Michael J. Stear, Alberto Alberti, Marco Pittau, Leopoldo Iannuzzi, Mohammad H. Banabazi, Rudovick R. Kazwala, Ya-ping Zhang, Juan J. Arranz, Bahy A. Ali, Zhiliang Wang, Metehan Uzun, Michel M. Dione, Ingrid Olsaker, Lars-Erik Holm, Urmas Saarma, Sohail Ahmad, Nurbiy Marzanov, Emma Eythorsdottir, Martin J. Holland, Paolo Ajmone-Marsan, Michael W. Bruford, Juha Kantanen, Thomas E. Spencer, & Massimo Palmarini.** 2009. "Revealing the History of Sheep Domestication Using Retrovirus Integrations." *Science* **324** (24 April): 532-536.
- Chesser, Paul.** 2008. "Climate Alarmism's Flimsy Foundation." *Origins* posting of www.spectator.org 24 October article (online pdf at www.alcazar.net accessed 6/15/2011).
- Chester, Michael, Joseph P. Gallagher, V. Vaughan Symonds, Ana Veruska Cruz da Silva, Evgeny V. Mavrodiev, Andrew R. Leitch, Pamela S. Soltis, & Douglas E. Soltis.** 2012. "Extensive chromosomal variation in a recently formed natural allopolyploid species, *Tragopogon miscellus* (Asteraceae)." *Proceedings of the National Academy of Sciences* **109** (24 January): 1176-1181.
- Chester, Stephen G. B., Jonathan I. Bloch, Doug M. Boyer, & Williams A. Clemens.** 2015. "Oldest known euarchontan tarsals and affinities of Paleocene *Purgatorius* to Primates." *Proceedings of the National Academy of Sciences* **112** (3 February): 1487-1492.
- Chestnut Hill College.** 2011. "Department of Biology Biomedical Seminar Series Distinguished Speakers 1994-2011." *Chestnut Hill College* posting (online pdf at www.chc.edu accessed 7/20/2014).
- Chetnani, Bhaskar, & Alfonso Montdragón.** 2013. "RNA exerts self-control." *Nature* **500** (15 August): 279-280.
- Cheung, Alice Y., & Hen-Ming Wu.** 2016. "LURE is bait for multiple receptors." *Nature* **531** (10 March): 178-180.
- Cheung, Allen, Matthew Collett, Thomas S. Collett, Alex Dewar, Fred Dyer, Paul Graham, Michael Mangan, Ajay Narendra, Andrew Philippides, Wolfgang Stürzl, Barbara Webb, Antoine Wystrach, & Jochen Zeil.** 2014. "Still no convincing evidence for cognitive map use by honeybees." *Proceedings of the National Academy of Sciences* **111** (2 October): E4396-E4397.
- Cheung, Iris, Hennady P. Shulha, Yan Jiang, Anouch Matevossian, Jie Wang, Zhiping Weng, & Schahram Akbarian.** 2010. "Developmental regulation and individual differences of neuronal H3K4me3 epigenomes in the prefrontal cortex." *Proceedings of the National Academy of Sciences* **107** (11 May): 8824-8829.
- Cheung, Stephen P., Raymond Strom, John H. Whitmore, & Paul A. Garner.** 2009. "Occurrence of Dolomite Beds, Clasts, Ooids and Unidentified Microfossils in the Coconino Sandstone, Northern Arizona." *Geological Society of America* meeting (18 October) online abstract accessed 8/2/2014 (gsa.confex.com/gsa/).
- Chevaldonné, Pierre, Didier Jollivet, Daniel Desbruyères, Richard A. Lutz, & Robert C. Vrijenhoek.** 2002. "Sister-species of eastern Pacific hydrothermal vent worms (Ampharetidae, Alvinellidae, Vestimentifera) provide new mitochondrial *COI* clock calibration." *Cahiers de Biologie Marine* **43**: 367-370.
- Chevance, Fabienne F. V., & Kelly T. Hughes.** 2008. "Coordinating assembly of a bacterial macromolecular machine." *Nature Reviews Microbiology* **6** (June): 455-465.
- . 2017. "Case for the genetic code as a triplet of triplets." *Proceedings of the National Academy of Sciences* **114** (2 May): 4745-4750.
- Chevance, Fabienne F. V., Noriko Takahashi, Joyce E. Karlinsky, Joshua Gnerer, Takanori Hirano, Ram Samudrala, Shin-Ichi Aizawa, & Kelly T. Hughes.** 2007. "The mechanism of outer membrane penetration by the eubacterial flagellum and implications for spirochete evolution." *Genes & Development* **21** (15 September): 2326-2335.
- Cheverud, James M.** 2003. "Evolution in a genetically heritable social environment." *Proceedings of the National Academy of Sciences* **100** (15 April): 4357-4359.
- Chevin, L.-M., & A. P. Beckerman.** 2012. "From adaptation to molecular evolution." *Heredity*

- 108 (April): 457-459.
- Cheyne, James Allen, & Fred W. Britton.** 2010. "Beyond Disbelief: A Study of Some 'Nones': Atheists, Agnostics, Humanists, Freethinkers, and Sceptics. A Preliminary Report." *University of Waterloo* 7 September posting (online pdf at www.arts.uwaterloo.ca accessed 12/3/2012).
- Chi, Kelly Rae.** 2009. "Disappearing Before Dawn." *The Scientist* posting 1 April (online text at the-scientist.com accessed 4/1/2009).
- Chiao, Chuan-Chin, J. Kenneth Wickiser, Justine J. Allen, Brock Genter, & Roger T. Hanlon.** 2011. "Hyperspectral imaging of cuttlefish camouflage indicates good color match in the eyes of fish predators." *Proceedings of the National Academy of Sciences* **108** (31 May): 9148-9153.
- Chiao, Joan Y., & Katherine D. Blizinsky.** 2010. "Culture-gene coevolution of individualism-collectivism and the serotonin transporter gene." *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 February): 529-537.
- Chiappe, Luis M.** 1995a. "A Diversity of Early Birds." *Natural History* **104** (June): 52-55.
- . 1995b. "The first 85 million years of avian evolution." *Nature* **378** (23 November): 349-355.
- . 1998. "Wings Over Spain." *Natural History* **107** (September): 30-32.
- . 2009. "Downsized Dinosaurs: The Evolutionary Transition to Modern Birds." *Evolution: Education & Outreach* **2** (June): 248-256.
- Chiappe, Luis M., Laura Codorniú, Gerald Grellet-Tinner, & David Rivarola.** 2004. "Argentinian unhatched pterosaur fossil." *Nature* **432** (2 December): 571-572.
- Chiappe, Luis M., Rodolfo A. Coria, Lowell Dingus, Frankie Jackson, Anusuya Chinsamy, & Marilyn Fox.** 1998. "Sauropod dinosaur embryos from the Late Cretaceous of Patagonia." *Nature* **396** (19 November): 258-261.
- Chiappe, Luis M., & Lowell Dingus.** 2001. *Walking on Eggs: The Astonishing Discovery of Thousands of Dinosaur Eggs in the Badlands of Patagonia*. New York: Scribner.
- Chiappe, Luis M., & Gareth J. Dyke.** 2002. "The Mesozoic Radiation of Birds." *Annual Review of Ecology and Systematics* **33**: 91-124.
- . 2006. "The Early Evolutionary History of Birds." *Journal of the Paleontological Society of Korea* **22** (1): 133-151.
- Chiappe, M. Eugenia, Andrei S. Kozlov, & A. J. Hudspeth.** 2007. "The Structural and Functional Differentiation of Hair Cells in a Lizard's Basilar Papilla Suggests an Operational Principle of Amniote Cochleas." *The Journal of Neuroscience* **27** (31 October): 11978-11985.
- Chiara, Maria Dolores, & Robin Reed.** 1995. "A two-step mechanism for 5' and 3' splice-site pairing." *Nature* **375** (8 June): 510-513.
- Chiari, Ylenia, Vincent Cahais, Nicolas Galtier, & Frédéric Delsuc.** 2012. "Phylogenomic analyses support the position of turtles as the sister group of birds and crocodiles (Archosauria)." *BMC Biology* (online @ biomedcentral.com) **10** (27 July): 65.
- Chiaroni, Jacques, Peter A. Underhill, & Luca L. Cavalli-Sforza.** 2009. "Y chromosome diversity, human expansion, drift, and cultural evolution." *Proceedings of the National Academy of Sciences* **106** (1 December): 20174-20179.
- Chiba, Satoshi.** 1996. "A 40,000-year record of discontinuous evolution of island snails." *Paleobiology* **22** (April): 177-188.
- Chiba, Shinobu, Takashi Kanamori, Takaya Ueda, Yoshinori Akiyama, Kit Pogliano, & Koreaki Ito.** 2011. "Recruitment of a species-specific translational arrest module to monitor different cellular processes." *Proceedings of the National Academy of Sciences* **108** (12 April): 6073-6078.
- Chicago Tribune.* 2014. "Pat Sajak calls global warming advocates 'unpatriotic racists,' sparks Twitter backlash." *Chicago Tribune* posting 20 May: online text accessed 5/21/2014 (articles.chicagotribune.com).
- Chichinadze, Konstantin, Ann Lazarashvili, & Jaba Tkemaladze.** 2013. "RNA in centrosomes: Structure and possible functions." *Protoplasma* **250** (February): 397-405.

- Chick, Jack T.** 1972a. “Bewitched?” *Chick Publications* pamphlet.
- . 1972b. “Big Daddy?” *Chick Publications* pamphlet.
- . 1988. “The Beast.” *Chick Publications* pamphlet posting (online text at www.chick.com accessed 5/13/2012).
- . 2002. “This Was Your Life!” *Chick Publications* pamphlet.
- . 2004. “About Dr. Kent Hovind.” *Chick Publications* undated posting (online text at www.chick.com accessed 12/28/2004).
- . 2012. “Evolution: True Science Fiction.” *Answers From the Evidence Bible* undated posting of Chick Publications illustration (online text at www.evidencebible.com accessed 9/13/2012).
- Chidester, David.** 2000. *Christianity: A Global View*. San Francisco: HarperSanFrancisco.
- Chien, Paul.** 1997. “Explosion of Life.” *Leadership U* posting of *Real Issue* interview (online text at leaderu.com accessed 2/14/2013).
- Chigwedere, Pride, George R. Seage III, Sofia Gruskin, Tun-Hou Lee, & M. Essex.** 2008. “Estimating the Lost Benefits of Antiretroviral Drug Use in South Africa.” *Journal of Acquired Immune Deficiency Syndromes* **49** (1 December): 410-415.
- Chihade, Joseph W., & Paul Schimmel.** 1999. “Assembly of a catalytic unit for RNA microhelix aminoacylation using nonspecific RNA binding domains.” *Proceedings of the National Academy of Sciences* **96** (26 October): 12316-12321.
- Chikhi, Lounès, Richard A. Nichols, Guido Barbujani, & Mark A. Beaumont.** 2002. “Y genetic data support the Neolithic demic diffusion model.” *Proceedings of the National Academy of Sciences* **99** (20 August): 11008-11013.
- Chilcott, Gavin S., & Kelly T. Hughes.** 1998. “The type III secretion determinants of the flagellar anti-transcription factor, FlgM, extend from the amino-terminus into the anti- σ^{28} domain.” *Molecular Microbiology* **30** (December): 1029-1040.
- . 2000. “Coupling of Flagellar Gene Expression to Flagellar Assembly in *Salmonella enterica* Serovar Typhimurium and *Escherichia coli*.” *Microbiology and Molecular Biology Reviews* **64** (December): 694-708.
- Childers, W. Seth, Anil K. Mehta, Rong Ni, Jeannette V. Taylor, & David G. Lynn.** 2010. “Peptides Organized as Bilayer Membranes.” *Angewandte Chemie International Edition* **49** (1 June): 4104-4107.
- Childs, Jason.** 2013. “Personal characteristics and lying: An experimental investigation.” *Economics Letters* **121** (December): 425-427.
- Childs-Johnson, Elizabeth.** 1991. “Jades of the Hongshan culture: the dragon and fertility cult worship.” *Arts asiatiques* **46**: 82-95.
- Chillinger, George V.** 1956. “Relationship Between Ca/Mg Ratio and Geologic Age.” *American Association of Petroleum Geologists AAPG Bulletin* **40** (September): 2256–2266.
- Chimento, Nicolás R., Federico L. Agnolin, & Fernando E. Novas.** 2012. “The Patagonian fossil mammal *Necrolestes*: a Neogene survivor of Dryolestoida.” *Revista del Museo Argentino de Ciencias Naturales* **14** (2): 261-306.
- Chimileski, Scott, Michael J. Franklin, & R. Thane Papke.** 2014. “Biofilms formed by the archaeon *Haloferax volcanii* exhibit cellular differentiation and social motility, and facilitate horizontal gene transfer.” *BMC Biology* (online @ biomedcentral.com) **12** (14 August): 65.
- The Chimpanzee Sequencing and Analysis Consortium.** 2005. “Initial sequence of the chimpanzee genome and comparison with the human genome.” *Nature* **437** (1 September): 69-87.
- Chin, Gilbert, & Elizabeth Culotta.** 2014. “What the numbers tell us.” *Science* **344** (23 May): 818-821.
- Chin, Jason W., T. Ashton Cropp, J. Christopher Anderson, Mridul Mukherji, Zhiwen Zhang, & Peter G. Schultz.** 2003. “An Expanded Eukaryotic Genetic Code.” *Science* **301** (15 August): 964-967.
- Chin, Jason W., Andrew B. Martin, David S. King, Lei Wang, & Peter G. Schultz.** 2002. “Addition of a photocrosslinking amino acid to the genetic code of *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **99** (20 August): 11020-11024.

- Chin, Karen.** 2002. “Analysis of Coprolites Produced by Carnivorous Vertebrates.” *Paleontological Society Papers* **8**: 43-49.
- Chinappi, Mauro, Allegra Via, Paolo Marcatili, & Anna Tramontano.** 2010. “On the Mechanism of Chloroquine Resistance in *Plasmodium falciparum*.” *PLoS ONE* (online @ plosone.org) **5** (November): e14064.
- Chini, Rolf, Vera Hoffmeister, Stefan Kimeswenger, Markus Nielbock, Dieter Nürnberger, Linda Schmidtbreick, & Michael Sterzik.** 2004. “The formation of a massive protostar through the disk accretion of gas.” *Nature* **429** (13 May): 155-157.
- Chinnery, Brenda J., & David B. Weishampel.** 1998. “*Montanoceratops cererhynchus* (Dinosauria: Ceratopsia) and relationships among basal neoceratopsians.” *Journal of Vertebrate Paleontology* **18** (September): 569-585.
- Chinsamy-Turan, Anusuya.** 2008. “Were the dinosaurs warm-blooded?” in Benton (2008a, 35-37).
- , ed. 2011. *Forerunners of Mammals: Radiation Histology Biology*. Bloomington, IN: Indiana University Press.
- Chinsamy, Anusuya, Laura Codorniú, & Luis Chiappe.** 2009. “Palaeobiological Implications of the Bone Histology of *Pterodaustro guinazui*.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1462-1477.
- Chinsamy, Anusuya, & Andrzej Elzanowski.** 2001. “Evolution of growth pattern in birds.” *Nature* **412** (26 July): 402-403.
- Chinsamy, Anusuya, & Jørn H. Hurum.** 2006. “Bone microstructure and growth patterns of early mammals.” *Acta Palaeontologica Polonica* **51** (2): 325-338.
- Chinsamy, Anusuya, & Allison Tumarkin-Deratzian.** 2009. “Pathologic Bone Tissues in a Turkey Vulture and a Nonavian Dinosaur: Implications for Interpreting Endosteal Bone and Radial Fibrolamellar Bone in Fossil Dinosaurs.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1478-1484.
- Chiori, Roxane, Murieal Jager, Elsa Denker, Patrick Wincker, Corinne Da Silva, Hervé Le Guyader, Michaël Manuel, & Eric Quénnec.** 2009. “Are Hox Genes Ancestrally Involved in Axial Patterning? Evidence from the Hydrozoan *Clytia hemisphaerica* (Cnidaria).” *PLoS ONE* (online @ plosone.org) **4** (January): e4231.
- Chipman, Ariel D.** 2010. “Parallel evolution of segmentation by co-option of ancestral gene regulatory networks.” *BioEssays* **32** (January): 60-70.
- Chipman, Ariel D., Wallace Arthur, & Michal Akam.** 2004. “A Double Segment Periodicity Underlies Segment Generation in Centipede Development.” *Current Biology* **14** (27 July): 1250-1255.
- Chipman, Ariel D., David E. K. Ferrier, Carlo Brena, Jiaxin Qu, Daniel S. T. Hughes, Reinhard Schröder, Montserrat Torres-Oliva, Nadia Znassi, Huaiyang Jiang, Francisca C. Almeida, Claudio R. Alonso, Zivkos Apostolou, Peshtewani Aqrawl, Wallace Arthur, Jennifer C. J. Barna, Kerstin P. Blankenburg, Daniela Brites, Salvador Capella-Gutiérrez, Marcus Coyle, Peter K. Dearden, Louis Du Pasquier, Elizabeth J. Duncan, Dieter Ebert, Cornelius Eibner, Galina Erikson, Peter D. Evans, Cassandra G. Extavour, Liezl Francisco, Toni Gabaldón, William J. Gillis, Elizabeth A. Goodwin-Horn, Jack E. Green, Sam Griffiths-Jones, Cornelis J. P. Grimmelikhuijzen, Sai Gubbala, Roderic Guigó, Yi Han, Frank Hauser, Paul Havlak, Luke Hayden, Sophie Helbind, Michael Holder, Jerome H. L. Hui, Julia P. Hunn, Vera S. Hunnekuhl, LaRonda Jackson, Mehwish Javaid, Shalini N. Jhangiani, Francis M. Jiggins, Tamsin E. Jones, Tobias S. Kaiser, Divya Kalra, Nathan J. Kenny, Viktoriya Korchina, Christie L. Kovar, F. Bernhard Kraus, François Lapraz, Sandra L. Lee, Jie Lv, Christigale Mandapat, Gerard Manning, Marco Mariotti, Robert Mata, Tittu Mathew, Tobias Neumann, Irene Newsham, Dinh N. Ngo, Maria Ninova, Geoffrey Okwuonu, Fiona Onger, William J. Palmer, Shobha Patil, Pedro Patraquim, Christopher Pham, Ling-Ling Pu, Nicholas H. Putman, Catherine Rabouille, Olivia Mendivil Ramos, Adelaide C. Rhodes, Helen E. Robertson, Hugh M. Robertson, Matthew Ronshaugen, Julio Rozas, Nehad Saada, Alejandro Sánchez-Gracia, Steven E. Scherer, Andrew M. Schurko, Kenneth W. Siggins, DeNard Simmons, Anna Stief,**

- Eckart Stolle, Maximilian J. Telford, Kristin Tessmar-Raible, Rebecca Thornton, Maurijn van der Zee, Arndt von Haeseler, James M. Williams, Judith H. Willis, Yuanqing Wu, Xiaoyan Zou, Daniel Lawson, Donna M. Muzny, Kim C. Worley, Richard A. Gibbs, Michael Akam, & Stephen Richards.** 2014. “The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede *Strigamia maritima*.” *PLoS Biology* (online @ plosbiology.org) **12** (November): e1002005.
- Chipman, Ariel D., Alexander Haas, Eitan Tchernov, & Oded Khaner.** 2000. “Variation in Anuran Embryogenesis: Differences in Sequence and Timing of Early Developmental Events.” *Journal of Experimental Zoology* **288** (15 December): 352-365.
- Chippindale, Adam K., Jonathan R. Gibson, & William R. Rice.** 2001. “Negative genetic correlation for adult fitness between sexes reveals ontogenetic conflict in *Drosophila*.” *Proceedings of the National Academy of Sciences* **98** (13 February): 1671-1675.
- Chiquet, Matthias, Laurent Gelman, Roman Lutz, & Silke Maier.** 2009. “From mechanotransduction to extracellular matrix gene expression in fibroblasts.” *Biochimica et Biophysica Acta* (Molecular Cell Research) **1793** (May): 911-920.
- Chirat, Régis, Derek E. Moulton, & Alain Goriely.** 2013. “Mechanical basis of morphogenesis and convergence evolution of spiny seashells.” *Proceedings of the National Academy of Sciences* **110** (9 April): 6015-6020.
- Chirchir, Habiba, Tracy L. Kivell, Christopher B. Ruff, Jean-Jacques Hublin, Kristian J. Carlson, Bernhard Zipfel, & Brian G. Richmond.** 2015. “Recent origin of low trabecular bone density in modern humans.” *Proceedings of the National Academy of Sciences* **112** (13 January): 366-371.
- Chisholm, James S., & Victoria K. Burbank.** 2000. “Evolution and Inequality: Why Some Men Rape.” *California State University, Sacramento* posting (online text at www.csus.edu accessed 12/22/2014).
- Chisholm, Rebecca H., James M. Trauer, Darren Curnoe, & Mark M. Tanaka.** 2016. “Controlled fire use in early humans might have triggered evolutionary emergence of tuberculosis.” *Proceedings of the National Academy of Sciences* **113** (9 August): 9051-9056.
- Chisholm, Ryan A., & Stephen W. Pacala.** 2010. “Niche and neutral models predict asymptotically equivalent species abundance distributions in high-diversity ecological communities.” *Proceedings of the National Academy of Sciences* **107** (7 September): 15821-15825.
- Chistoserdova, Ludmila, Cheryl Jenkins, Marina G. Kalyuzhnaya, Christopher J. Marx, Alla Lapidus, Julia A. Vorholt, James T. Staley, & Mazy E. Lidstrom.** 2004. “The Enigmatic Planctomycetes May Hold a Key to the Origins of Methanogenesis and Methylo-trophy.” *Molecular Biology and Evolution* **21** (July): 1234-1241.
- Chisum, Warren, Dan Flynn, John Zerwas, Leo Berman, Rob Eissler, Charles Anderson, Jimmie Don Aycok, Dennis Bonnen, Dan Branch, Betty Brown, Fred Brown, William Callegari, Dianne White Delisi, Craig Eiland, Gary Elkins, Dan Gattis, Tony Goolsby, Tuffy Hamilton, Kelly Hancock, Rick Hardcastle, Patricia Harless, Linda Harper-Brown, Mark Homer, Chuck Hopson, Charles F. Howard, Bryan Hughes, Carl Isett, Jim Jackson, Phil King, Lois W. Kolkhorst, Edmund Kuempel, Jodie Laubenberg, Nathan Macias, Jerry Madden, Jim McReynolds, Tommy Merritt, Sid Miller, Geanie Morrison, Jim Murphy, Dora Olivo, Rob Orr, John Otto, Tan Parker, Diane Patrick, Ken Paxton, Larry Phillips, Todd Smith, Wayne Smith, Robert E. Talton, Larry Taylor, Corbin Van Arsdale, George West, & Bill Zedler.** 2007. “House Bill No. 1287.” Texas House of Representatives legislative posting signed into law 15 June (online text at www.capitol.state.tx.us accessed 2/5/2014).
- Chitnis, Nakul, & Thomas A. Smith.** 2012. “Mathematical illiteracy impedes progress in biology.” *Proceedings of the National Academy of Sciences* **109** (6 November): E3055.
- Chittenden, G. J. F., & Alan W. Schwartz.** 1976. “Possible pathway for prebiotic uracil synthesis by photodehydrogenation.” *Nature* **263** (23 September): 350-351.

- Chittick, Donald E.** 1981. “Deposition of Donald E. Chittick.” *AntiEvolution* 4 June 2010 posting by Peter Burns (online text at www.antievolution.org accessed 6/6/2015).
- . 1984. *The Controversy: Roots of the Creation-Evolution Conflict*. Portland, OR: Multinomah Press.
- Chituc, Alex.** 2014. “Our 10 Commandments of Faithism.” *Non Prophet Status* 29 September posting (online text at www.patheos.com accessed 9/30/2014).
- Chitwood, Daniel H., Aagish Ranjan, Ciera C. Martinez, Lauren R. Headland, Thinh Thiem, Ravi Kumar, Michael F. Covington, Tommy Hatcher, Daniel T. Naylor, Sharon Zimmerman, Nora Downs, Nataly Raymundo, Edward S. Buckler, Julin N. Maloof, Mallikarjuna Aradhya, Bernard Prins, Lin Li, Sean Myles, & Neelima R. Sinha.** 2014. “A Modern Ampelography: A Genetic Basis for Leaf Shape and Venation Patterning in Grape.” *Plant Physiology* **164** (January): 259-272.
- Chitwood, Daniel H., & Neelima R. Sinha.** 2016. “Evolutionary and Environmental Forces Sculpting Leaf Development.” *Current Biology* **26** (4 April): R297-R306.
- Chiu, Chi-hua, Chris Amemiya, Ken Dewar, Chang-Bae Kim, Frank H. Ruddle, & Günter P. Wagner.** 2002. “Molecular evolution of the HoxA cluster in the three major gnathostome lineages.” *Proceedings of the National Academy of Sciences* **99** (16 April): 5492-5497.
- Chiu, Joanna, Rob DeSalle, Hon-Ming Lam, Lee Meisel, & Gloria Coruzzi.** 1999. “Molecular Evolution of Glutamate Receptors: A Primitive Signaling Mechanism that Existed Before Plants and Animals Diverged.” *Molecular Biology and Evolution* **16** (June): 826-838.
- Chiuman, William, & Yingfu Li.** 2006a. “Revitalization of Six Abandoned Catalytic DNA Species Reveals a Common Three-way Junction Framework and Diverse Catalytic Cores.” *Journal of Molecular Biology* **357** (31 March): 748-754.
- . 2006b. “Evolution of High-Branching Deoxyribozymes from a Catalytic DNA with a Three-Way Junction.” *Chemistry & Biology* **13** (October): 1061-1069.
- Chiura, Hiroshi Xavier, Kazuhiro Kogure, Sylvia Hagermann, Adolf Ellinger, & Branko Velimirov.** 2011. “Evidence for particle-induced horizontal gene transfer and serial transduction between bacteria.” *Federation of European Microbiological Societies FEMS Microbiology Ecology* **76** (June): 576-591.
- Chivas, A. R., T. Torgensen, & H. A. Polach.** 1990. “Growth rates and Holocene development of stromatolites from Shark Bay, Western Australia.” *Australian Journal of Earth Sciences* **37** (2): 113-121.
- Chivian, Dylan, Eoin L. Brodie, Eric J. Alm, David E. Culley, Paramvir S. Dehal, Todd Z. DeSantis, Thomas M. Gihring, Alla Lapidus, Li-Hung Lin, Stephen R. Lowry, Duane P. Moser, Paul M. Richardson, Gordon Southam, Greg Wanger, Lisa M. Pratt, Gary L. Andersen, Terry C. Hazen, Fred J. Brickman, Adam P. Arkin, & Tullis C. Onstott.** 2008. “Environmental Genomics Reveals a Single-Species Ecosystem Deep Within Earth.” *Science* **322** (10 October): 275-278.
- Chklovskii, Dmitri B., & Cornelia I. Bargmann.** 2012. “The Mind of a Male?” *Science* **337** (27 July): 416-417.
- Cho, Adrian.** 2004. “Life’s Patterns: No Need to Spell It Out?” *Science* **303** (6 February): 782-783.
- . 2009a. “Oddly, Too Much Weirdness Slows a Quantum Computer.” *Science* **323** (27 March): 1658-1659.
- . 2009b. “The Tales Told by Lonely Galaxies.” *Science* **324** (5 June): 1262-1263.
- . 2009c. “Econophysics: Still Controversial After All These Years.” *Science* **325** (24 July): 408.
- . 2009d. “Can Gravity and Quantum Particles Be Reconciled After All?” *Science* **325** (7 August): 673.
- . 2010a. “Thought Experiment Torpedoes Variable-Speed-of-Light Theories.” *Science* **328** (2 April): 27.
- . 2010b. “Hints of Greater Matter-Antimatter Asymmetry Challenge Theories.” *Science* **328** (28 May): 1087.

- . 2010c. “Fermilab Physicists Don’t See Higgs, Argue They Should Keep Looking.” *Science* **329** (30 July): 498-499.
- . 2011a. “From Geneva to Italy Faster Than a Speeding Photon?” *Science* **333** (30 September): 1809.
- . 2011b. “The Sterile Neutrino: Fertile Concept or Dead End?” *Science* **334** (21 October): 304-306.
- . 2011c. “Where Does the Time Go?” *Science* **334** (2 December): 1200-1201.
- . 2011d. “Search for Higgs Boson Yields a Definite Maybe.” *Science* **334** (16 December): 1482-1483.
- . 2012a. “Textbooks Electrodynamics May Contradict Relativity.” *Science* **336** (27 April): 404.
- . 2012b. “What Is Dark Energy?” *Science* **336** (1 June): 1090-1091.
- . 2012c. “How Hot Is Dark Matter?” *Science* **336** (1 June): 1091-1092.
- . 2012d. “Higgs Boson Makes Its Debut After Decades-Long Search.” *Science* **337** (13 July): 141-143.
- . 2012e. “Primordial Matter Comes Into Focus in Many Tiny Big Bangs.” *Science* **338** (19 October): 324-325.
- . 2013a. “Universe’s High-Def Baby Picture Confirms Standard Theory.” *Science* **339** (29 March): 1513.
- . 2013b. “Boxed In.” *Science* **341** (6 September): 1056-1059.
- . 2013c. “The Unruly Neutrino.” *Science* **341** (6 September): 1058.
- . 2013d. “New Experiment Torpedoes Lightweight Dark Matter.” *Science* **342** (1 November): 542.
- . 2013e. “Dark Matter’s Dark Horse.” *Science* **342** (1 November): 552-555.
- . 2013f. “Hint of Dark Matter May Be Just Cosmic Ray Bursts.” *Science* **342** (15 November): 787.
- . 2014a. “New Neutrino May Have Heated Baby Universe.” *Science* **343** (21 February): 826-827.
- . 2014b. “The Morning After, Inflation Result Causes Headache.” *Science* **344** (4 April): 19-20.
- . 2014c. “Blockbuster claim could collapse in a cloud of dust.” *Science* **344** (23 May): 790.
- . 2014d. “Physicists say it’s simple.” *Science* **344** (23 May): 828.
- . 2014e. “Evidence for cosmic inflation wanes.” *Science* **345** (26 September): 1547.
- . 2014f. “U.S. fusion effort melts down.” *Science* **346** (19 December): 1436-1437.
- . 2016. “The social life of quarks.” *Science* **351** (15 January): 217-219.
- . 2017. “The unbearable lightness of neutrinos.” *Science* **356** (30 June): 1322-1326.
- Cho, Adrian, & Yudhijit Bhattacharjee.** 2014. “First Wrinkles in Spacetime Confirm Cosmic Inflation.” *Science* **343** (21 March): 1296-1297.
- Cho, Glen S., & Jack W. Szostak.** 2006. “Directed Evolution of ATP Binding Proteins from a Zinc Finger Domain by Using mRNA Display.” *Chemistry & Biology* **13** (February): 139-247.
- Cho, Ho, Tom Daniel, Ying Ji Buechler, David C. Litzinger, Zhenwei Maio, Anna-Maria Hays Putnam, Vadim S. Kraynov, Bee-Cheng Sim, Stuart Bussell, Tsothe Javahishvili, Sami Kaphli, Guillermo Viramontes, Mike Ong, Stephanie Chu, Becky GC, Ricky Lieu, Nick Knudsen, Paola Castiglioni, Thea C. Norman, Douglas W. Axelrod, Andrew R. Hoffman, Peter G. Schultz, Richard D. DiMarchi, & Bruce E. Kimmel.** 2011. “Optimized clinical performance of growth hormone with an expanded genetic code.” *Proceedings of the National Academy of Sciences* **108** (31 May): 9060-9065.
- Cho, I-Ming, Lien B. Lai, Dwi Susanti, Biswarup Mukhopadhyay, & Venkat Gopalan.** 2010. “Ribosomal protein L7Ae is a subunit of archaeal RNase P.” *Proceedings of the National Academy of Sciences* **107** (17 August): 14573-14578.
- Cho, Jun, Nam-Kyung Yu, Jun-Hyeok Choi, Su-Eon Sim, SukJae Joshua Kang, Chuljung Kwak, Seung-Woo Lee, Ji-il Kim, Dong Il Choi, V. Narry Kim, & Bong-Kiun Kaang.**

2015. “Multiple repressive mechanisms in the hippocampus during memory formation.” *Science* **350** (2 October): 82-87.
- Cho, Mildred K., & David A. Relman.** 2010. “Synthetic ‘Life,’ Ethics, National Security, and Public Discourse.” *Science* **329** (2 July): 38-39.
- Cho, Moon-Heum, Deanna M. Lankford, & Daniel J. Wescott.** 2011. “Exploring the Relationships among Epistemological Beliefs, Nature of Science, and Conceptual Change in the Learning of Evolutionary Theory.” *Evolution: Education & Outreach* **4** (June): 313-322.
- Cho, Soochin, Suk-Won Jin, Adam Cohen, & Ronald E. Ellis.** 2004. “A Phylogeny of *Caenorhabditis* Reveals Frequent Loss of Introns During Nematode Evolution.” *Genome Research* **14** (July): 1207-1220.
- Cho, Soochin, & Jianzhi Zhang.** 2007. “Zebrafish Ribonucleases Are Bactericidal: Implications for the Origin of the Vertebrate RNase A Superfamily.” *Molecular Biology and Evolution* **24** (May): 1259-1268.
- Cho, Sunghye, Heegyum Moon, Tiing Jen Loh, Ha Na Jang, Yongchao Liu, Jianhua Zhou, Takbum Ohn, Xuexiu Zheng, & Haihong Shen.** 2015. “Splicing inhibition of U2AF⁶⁵ leads to alternative exon skipping.” *Proceedings of the National Academy of Sciences* **112** (11 August): 9926-9931.
- Cho, Won Kyong, Yeonhwa Jo, Kyoung-Min Jo, & Kook-Hyung Kim.** 2013. “A Current Overview of Two Viroids That Infect Chrysanthemums: *Chrysanthemum stunt viroid* and *Chrysanthemum chlorotic mottle viroid*.” *Viruses* **5** (April): 1099-1113.
- Choate, Raoul, Carol A. Johnson, & J. P. McCord.** 1980. *Coal and Coalbed Methane Resources of the Western Washington Coal Region*. Lakewood, CO: TRW Energy Systems Group.
- Choe, Sang-Hun.** 2015. “Prominent North Korean Defector Recants Parts of His Story of Captivity.” *The New York Times* posting 18 January: online text accessed 1/19/2015 (www.nytimes.com).
- Choe, So Young, & Kyung-Hwan Min.** 2011. “Who makes utilitarian judgments? The influences of emotions on utilitarian judgments.” *Judgment and Decision Making* **6** (October): 580-592.
- Choi, Charles Q.** 2005. “Sex detected in placozoans.” *The Scientist* posting 11 October (online text at the-scientist.com accessed 10/12/2005).
- . 2008. “NASA baffled by force acting on space probes.” *MSNBC* posting 3 March (online text at www.msnbc.msn.com accessed 5/31/2011).
- . 2010. “Heavy Brows, High Art?: Newly Unearthed Painted Shells Show Neandertals Were *Homo sapiens*’ Mental Equals.” *Scientific American* posting 8 January (online text at scientificamerican.com accessed 2/25/2012).
- . 2013. “Early human diets.” *Proceedings of the National Academy of Sciences* **110** (25 June): 10466.
- . 2014a. “At least 20% of Neanderthal DNA Is in Humans.” *LiveScience* posting 29 January (online text at www.livescience.com accessed 1/3/2016).
- . 2014b. “Alien life could thrive on ‘supercritical’ CO₂ instead of water.” *Fox News Space* 16 November posting: online text accessed 11/20/2014 (foxnews.com).
- Choi, Dennis C., Kimberley A. Maguschak, Keqiang Ye, Sung-Wuk Jang, Karyn M. Myers, & Kerry L. Ressler.** 2010. “Prelimbic cortical BDNF is required for memory of learned fear but not extinction or innate fear.” *Proceedings of the National Academy of Sciences* **107** (9 February): 2675-2675.
- Choi, June-Seek, & Jeansok J. Kim.** 2010. “Amygdala regulates risk of predation in rats foraging in a dynamic fear environment.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21773-21777.
- Choi, Jun-Hyuk, Laura A. Lindsey-Boltz, Michael Kemp, Aaron C. Mason, Marc S. Wold, & Aziz Sancar.** 2010. “Reconstruction of RPA-covered single-stranded DNA-activated ATR-Chk1 signaling.” *Proceedings of the National Academy of Sciences* **107** (3 August): 13660-13665.

- Choi, Jung-Kyoo, & Samuel Bowles.** 2007. "The Coevolution of Parochial Altruism and War." *Science* **318** (26 October): 636-640.
- Choi, Soonwook, Eunah Yu, Seongwon Lee, & Rodolfo R. Llinás.** 2015. "Altered thalamocortical rhythmicity and connectivity in mice lacking $Ca_v3.1$ T-type Ca^{2+} channels in unconsciousness." *Proceedings of the National Academy of Sciences* **112** (23 June): 7839-7844.
- Choiniere, Jonah N., & Paul M. Barrett.** 2015. "A sauropodomorph dinosaur from the ?Early Jurassic of Lusitu, Zambia." *Palaeontologica Africana* **49** (April): 42-52.
- Choiniere, Jonah N., Xing Xu, James M. Clark, Caherine A. Forster, Yu Guo, & Fengju Han.** 2010. "A Basal Alvarezsaurid Theropod from the Early Late Jurassic of Xinjiang, China." *Science* **327** (29 January): 571-574.
- Chokroverty, S., & K. D. Barron.** 1969. "Palatal myoclonus and rhythmic ocular movements: a polygraphic study." *Neurology* **19** (October): 975-982.
- Choleris, Elena, Jan-Åke Gustafsson, Kenneth S. Korach, Louis J. Muglia, Donald W. Pfaff, & Sonoko Ogawa.** 2003. "An estrogen-dependent four-gene micronet regulating social recognition: A study with oxytocin and estrogen receptor- α and - β knockout mice." *Proceedings of the National Academy of Sciences* **100** (13 May): 6192-6197.
- Choma, Becky L., & Yaniv Hanoach.** 2017. "Cognitive ability and authoritarianism: Understanding support for Trump and Clinton." *Personality and Individual Differences* **106** (1 February): 287-291.
- Chomsky, Noam.** 1972. *Language and Mind*. Enlarged ed. of 1968 work. San Diego, CA: Harcourt Brace Jovanovich.
- . 1996. *Powers and Prospects: Reflections on Human Nature and the Social Order*. Boston, MA: South End Press.
- . 2000. *New Horizons in the Study of Language and Mind*. 2002 pb ed. Cambridge: Cambridge University Press.
- , ed. C. P. Otero. 2003. *Radical Priorities*. Rev. 3rd ed. London: AK Press.
- , ed. C. P. Otero. 2004. *Language and Politics*. Rev. 2nd ed. London: AK Press.
- Chomsky, Noam, & Edward S. Herman.** 1979. *After the Cataclysm: Postwar Indochina & the Reconstruction of Imperial Ideology*. Boston, MA: South End Press.
- Chomsky, Noam, & Laurence Krauss.** 2015. "Chomsky & Krauss: An Origins Project Dialogue." *YouTube* 31 March Arizona State University discussion uploaded 31 March by **ShirleyFilms** (online video at www.youtube.com accessed 3/31/2015).
- Chomsky, Noam, Carolyn Porco, Scott Atran, Daniel C. Dennett, San Harris, & Nicholas Humphrey.** 2006. *EDGE "The Reality Club" Beyond Belief: Science, Religion, Reason and Survival* 5-7 November discussion commentary (online text accessed 11/17/2015 at edge.org).
- Chong, Edmund, Ariana M. Familiar, & Won Mok Shim.** 2016. "Reconstructing representations of dynamic visual objects in early visual cortex." *Proceedings of the National Academy of Sciences* **113** (2 February): 1118-1120.
- Chong, Hyemi, Jenna L. Riis, Scott M. McGinnis, Danielle M. Williams, Phillip J. Holcomb, & Kirk R. Daffner.** 2008. "To Ignore or Explore: Top—Down Modulation of Novelty Processing." *Journal of Cognitive Neuroscience* **20** (January): 120-134.
- Chong, Song-Ho, & Sihyun Ham.** 2012. "Impact of chemical heterogeneity on protein self-assembly in water." *Proceedings of the National Academy of Sciences* **109** (15 May): 7636-7641.
- Choo, Brian, Min Zhu, Qingming Qu, Xiaobo Yu, Liantao Jia, & Wenjin Zhao.** 2017. "A new osteichthyan from the late Silurian of Yunnan, China." *PLoS ONE* (online @ plosone.org) **12** (March): e0170929.
- Chopin, C.** 1987. "Very-high-pressure metamorphism in the western Alps: implications for subduction of continental crust." *Philosophical Transactions of the Royal Society of London A (Mathematical, Physical & Engineering Sciences)* **321** (20 January): 183-197.
- Chopra, Deepak.** 2007a. "The Brain Without Wires." *Huffington Post* posting 24 December (online text at huffingtonpost.com accessed 7/2/2011).

- . 2007a. “The Brain Without Wires (Part 2).” *Huffington Post* posting 28 December (online text at huffingtonpost.com accessed 7/2/2011).
- Chopra, Gaurav, & Michael Levitt.** 2011. “Remarkable patterns of surface water ordering around polarized buckminsterfullerene.” *Proceedings of the National Academy of Sciences* **108** (30 August): 14455-14460.
- Chorost, Michael.** 2013. “Where Thomas Nagel Went Wrong.” *The Chronicle of Higher Education* posting 13 May: online text accessed 5/28/2013 (chronicle.com).
- Chothia, Cyrus.** 1976. “The Nature of the Accessible and Buried Surfaces in Proteins.” *Journal of Molecular Biology* **105** (25 July): 1-12.
- Chothia, Cyrus, & Alexei V. Finkelstein.** 1990. “The Classification and Origins of Protein Folding Patterns.” *Annual Review of Biochemistry* **59**: 1007-1039.
- Chothia, Cyrus, Israel Gelfand, & Alexander Kister.** 1998. “Structural Determinants in the Sequences of Immunoglobulin Variable Domains.” *Journal of Molecular Biology* **278** (1 May): 457-479.
- Chothia, Cyrus, Julian Gough, Christine Vogel, & Sarah A. Teichmann.** 2003. “Evolution of the Protein Repertoire.” *Science* **300** (13 June): 1701-1703.
- Chothia, Cyrus, Tim Hubbard, Steven Brenner, Hugh Barns, & Alexey Murzin.** 1997. “Protein Folds in the All- β and All- α Classes.” *Annual Review of Biophysics and Biomolecular Structures* **26**: 597-627.
- Chothia, Cyrus, & Arthur M. Lesk.** 1986. “The relationship between the divergence of sequence and structures in proteins.” *The EMBO Journal* **5** (April): 823-826.
- Chou, C. W., D. B. Hume, T. Rosenband, & D. J. Wineland.** 2010. “Optical Clocks and Relativity.” *Science* **329** (24 September): 1630-1633.
- Chou, Felicia, & Whitney Clavin.** 2014. “NASA’s Spitzer Telescope Witnesses Asteroid Smashup.” NASA 28 August press release posting (online text at www.nasa.gov accessed 6/13/2015).
- Chou, Hsin-Hung, Hsuan-Chao Chiu, Nigel F. Delaney, Daniel Segrè, & Christopher J. Marx.** 2011. “Diminishing Returns Epistasis Among Beneficial Mutations Decelerates.” *Science* **332** (3 June): 1190-1192.
- Chou, Hsin-Hung, & Christopher J. Marx.** 2012. “Optimization of Gene Expression through Divergent Mutational Paths.” *Cell Reports* **1** (2 February): 133-140.
- Chou, Hsun-Hua, Toshiyuki Hayakawa, Sandra Diaz, Matthias Krings, ETTY Indriati, Meave Leakey, Svante Pääbo, Yoko Satta, Naoyuki Takahata, & Ajit Varki.** 2002. “Inactivation of CMP-N-acetylneuraminic acid hydroxylase occurred prior to brain expansion during human evolution.” *Proceedings of the National Academy of Sciences* **99** (3 September): 11736-11741.
- Chou, Hsun-Hua, Hiromu Takematsu, Sandra Diaz, Jane Iber, Elizabeth Nickerson, Kerry L. Wright, Elaine A. Muchmore, David L. Nelson, Stephen T. Warren, & Ajit Varki.** 1998. “A mutation in human CMP-sialic acid hydroxylase occurred after the *Homo-Pan* divergence.” *Proceedings of the National Academy of Sciences* **95** (29 September): 11751-11756.
- Chou, Ming-Yi, Ryunosuke Amo, Masae Kinoshita, Bord-Wei Cherng, Hideaki Shimazaki, Masakazu Agetsuma, Toshiyuki Shiraki, Tazu Aoki, Mikako Takahoko, Masako Yamazaki, Shin-ichi Higashijima, & Hitoshi Okamoto.** 2016. “Social conflict resolution regulated by two dorsal habenular subregions in zebrafish.” *Science* **352** (1 April): 87-90.
- Chou, Seemay, Matthew D. Daugherty, S. Brook Peterson, Jacob Biboy, Youyun Yang, Brandon L. Jutras, Lillian K. Fritz-Laylin, Michael A. Ferrin, Brittany N. Harding, Christine Jacobs-Wagner, X. Frank Yang, Waldemar Vollmer, Harmit S. Malik, & Joseph D. Mougous.** 2015. “Transferred interbacterial antagonism genes augment eukaryotic innate immune function.” *Nature* **518** (5 February): 98-101.
- Chou, Yi-ying, Reza Vafabakhsh, Sultan Doğanay, Qinshan Gao, Taekjip Ha, & Peter Palese.** 2012. “One influenza virus particle packages eight unique viral RNAs as shown by FISH analysis.” *Proceedings of the National Academy of Sciences* **109** (5 June): 9101-9106.

- Chouard, Tanguy.** 2008. “Beneath the surface.” *Nature* **456** (20 November): 300-303.
- . 2011. “Breaking the protein rules.” *Nature* **471** (10 March): 151-153.
- Chouard, Tanguy, & Noah Gray.** 2010. “Glia.” *Nature* **468** (11 November): 213.
- Choudhary, Amit, Kimberli J. Kamer, Matthew W. Powner, John D. Sutherland, & Ronald T. Raines.** 2010. “A Stereoelectric Effect in Prebiotic Nucleotide Synthesis.” *ACS Chemical Biology* **5** (July): 655-657.
- Choughuley, A. S. U., A. S. Subbaraman, Z. A. Kazi, & M. S. Chadha.** 1977. “A possible prebiotic synthesis of thymine: uracil-formaldehyde-formic acid reaction.” *BioSystems* **9** (September): 73-80.
- Chouhan, Bhanupratap Singh, Jarmo Käpylä, Konstantin Denessiouk, Alexander Denesyuk, Jyrki Heino, & Mark S. Johnson.** 2014. “Early Chordate Origin of the Vertebrate Integrin α Domains.” *PLoS ONE* (online @ plosone.org) **9** (November): e112064.
- Chourrout, D., F. Delsuc, P. Chourrout, R. B. Edvardsen, F. Rentzsch, E. Renfer, M. F. Jensen, B. Zhu, P. de Jong, R. E. Steele, & U. Technau.** 2006. “Minimal ProtoHox cluster inferred from bilaterian and cnidarian Hox components.” *Nature* **442** (10 August): 684-687.
- Chouteau, Mathieu, & Bernard Angers.** 2011. “The Role of Predators in Maintaining the Geographic Organization of Aposematic Signals.” *The American Naturalist* **178** (December): 810-817.
- Chouteau, Mathieu, Mónica Arias, & Mathieu Joron.** 2016. “Warning signals are under positive frequency-dependent selection in nature.” *Proceedings of the National Academy of Sciences* **113** (23 February): 2164-2169.
- Chow, Ho Ming, Silvina G. Horovitz, Walter S. Carr, Dante Picchioni, Nate Coddington, Masaki Fukunaga, Yisheng Xu, Thomas J. Balkin, Jeff H. Duyn, & Allen R. Braun.** 2013. “Rhythmic alternating patterns of brain activity distinguish rapid eye movement sleep from other states of consciousness.” *Proceedings of the National Academy of Sciences* **110** (18 June): 10300-10305.
- Chow, Robert L., Curtis R. Altmann, Richard A. Lang, & Ali Hemmati-Brivanlou.** 1999. “Pax6 induces ectopic eyes in a vertebrate.” *Development (AKA Journal of Embryology and Experimental Morphology)* **126** (1 October): 4213-4222.
- Chowdhury, Rasheduzzaman, Rok Sekirnik, Nigel C. Brissett, Tobias Krojer, Chia-hua Ho, Stanley S. Ng, Ian J. Clifton, Wei Ge, Nadia J. Kershaw, Gavin C. Fox, Joao R. C. Muniz, Melanie Volimar, Claire Phillips, Ewa S. Pilka, Kathryn L. Kavanagh, Frank von Delft, Udo Oppermann, Michael A. McDonough, Aidan J. Doherty, & Christopher J. Schofield.** 2014. “Ribosomal oxygenases are structurally conserved from prokaryotes to humans.” *Nature* **510** (19 June): 422-426.
- Chowdhury, Saheli, Saumen Pal, Jaydip Ghosh, & Chanchal DasGupta.** 2002. “Mutations in domain V of the 23S ribosomal RNA of *Bacillus subtilis* that inactivate its protein folding property *in vitro*.” *Nucleic Acids Research* **30** (1 March): 1278-1285.
- Chown, Steven L.** 2012. “Biotic interactions modify the effects of oxygen on insect gigantism.” *Proceedings of the National Academy of Sciences* **109** (3 July): 10745-10746.
- Chown, Steven L., Ad H. L. Huiskes, Niek J. M. Gremmen, Jennifer E. Lee, Aleks Terauds, Kim Crosbie, Yves Frenot, Kevin A. Hughes, Satoshi Imura, Kate Kiefer, Marc Lebouvier, Ben Raymond, Megumu Tsujimoto, Chris Ware, Bart Ven de Vijver, & Dana Michelle Bergstrom.** 2012. “Continent-wide risk assessment for the establishment of nonindigenous species in Antarctica.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4938-4943.
- Christ, Oliver, Katharina Schmid, Simon Lolliot, Herman Swart, Dietlind Stolle, Nicole Tausch, Anathi Al Ramiah, Ulrich Wagner, Steven Vertovec, & Miles Hewstone.** 2014. “Contextual effect of positive intergroup contact on outgroup prejudice.” *Proceedings of the National Academy of Sciences* **111** (18 March): 3996-4000.
- Christ, Shawn E., David C. Van Essen, Jason M. Watson, Lindsay E. Brubaker, & Kathleen B. McDermott.** 2009. “The Contributions of Prefrontal Cortex and Executive Control to Deception: Evidence from Activation Likelihood Estimate Meta-analyses.” *Cerebral*

- Cortex* **19** (July): 1557-1566.
- Christakis, Nicholas A., & James H. Fowler.** 2014. "Friendship and natural selection." *Proceedings of the National Academy of Sciences* **111** (22 July Supplement 3): 10796-10801.
- Christakou, Anastasia.** 2015a. "Four-legged fossil snake is a world first." *Nature News* (23 July) posting (online text at *nature.com* accessed 7/23/2015).
- . 2015b. "Four-legged snake fossil sparks legal investigation." *Nature News* (4 August) posting (online text at *nature.com* accessed 8/4/2015).
- Christensen, Clayton M.** 2011. "Mormons can be funny; laughing at God is not." *The Washington Post* posting 16 June: online text accessed 5/22/2012 (*www.washingtonpost.com*).
- . 2012a. "Clay Christensen's Life Lessons." *On Point* with Tom Ashbrook 22 May radio broadcast posting (online audio at *onpoint.wbur.org* accessed 5/22/2012).
- . 2012b. "Why I Belong, and Why I Believe." *Clayton Christensen* July posting (online pdf at *www.claytonchristensen.com* accessed 2/27/2015).
- Christensen, David.** 2015a. "Call for A Moratorium on Funding of Planned Parenthood." *Alert: Take Action* 27 July email message (online text via *frc.org* accessed 8/3/2015).
- . 2015b. "Defund Planned Parenthood." *Alert: Take Action* 29 July email message (online text via *frc.org* accessed 8/3/2015).
- . 2016. "Tell the Senate: We the People Should Have a Say in Who Fills Justice Scalia's Vacant Seat." *Alert: Take Action* 11 March email message (online text via *frc.org* accessed 3/11/2016).
- Christensen, K., & H. Pedersen.** 1982. "Variation in chromosome number in the blue fox (*Alopex lagopus*) and its effect on fertility." *Hereditas* **97** (December): 211-215.
- Christensen, Ulrich.** 1995. "Effects of Phase Transitions on Mantle Convection." *Annual Review of Earth and Planetary Sciences* **23**: 65-87.
- Christensen-Dalsgaard, Jakob, Christian Brandt, Maria Wilson, Magnus Wahlberg, & Peter T. Madsen.** 2011. "Hearing in the African lungfish (*Protopterus annectens*): pre-adaptation to pressure hearing in tetrapods?" *Royal Society Biology Letters* **7** (February): 139-141.
- Christensen-Dalsgaard, Jakob, & Catherine E. Carr.** 2008. "Evolution of a sensory novelty: Tympanic ears and the associated neural processing." *Brain Research Bulletin* **75** (18 March): 365-370.
- Christiaen, Lionel, Paolo Burighel, William C. Smith, Philippe Vernier, Franck Bourrat, & Jean-Stéphane Joly.** 2002. "Pitx genes in Tunicates provide new molecular insight into the evolutionary origin of pituitary." *Gene* **287** (3 April): 107-113.
- Christian, Andreas.** 2010. "Some sauropods raised their necks—evidence from high browsing in *Euhelopus zdanskyi*." *Royal Society Biology Letters* **6** (December): 823-825.
- Christian, Kimberly M., Andrew M. Poulos, David G. Lavond, & Richard F. Thompson.** 2004. "Comment on 'Cerebellar LTD and Learning-Dependent Timing of Conditioned Eyelid Responses'." *Science* **304** (9 April): 211.
- Christian, Melinda.** 2008. "Global Warming in Perspective." *Answers in Genesis Answers Magazine* (October-December): 84-89.
- Christian Defense Fund.* 1997. "One Nation Under God: Thomas Paine." *Leadership U* posting (updated 14 July 2002) of *Christian Review Fund* article (online text at *leaderu.com* accessed 19/21/2011).
- Christian Dem in NC.** 2013. "Is Steve Deace coddling a white supremacist?" *Daily Kos* 24 January posting (online text at *www.dailykos.com* accessed 10/23/2013).
- Christian Faculty Forum.* 2002. "Without a resurrection it's all pretty hollow." University of Georgia *Campus Crusade* Spring poster posting (online pdf at *cff.uga.edu* accessed 5/15/2014).
- Christian Institute.* 2002. "Welsh teacher right to defend mainstream Christian beliefs." *The Christian Institute & The Association of Christian Teachers Wales* joint 5 June press release (online text at *www.christian.org.uk* accessed 6/19/2002).

- Christianity Today*. 1933. "German Christians." *Christianity Today* 3 (Mid-April): 1.
- . 2010. "Listen, Then Speak." *Christianity Today* editorial 11 February: online text accessed 1/28/2011 (www.christianitytoday.com).
- . 2011. "Church leader 'baffled' by call to ban teaching of creationism in schools." *Christianity Today* posting 27 September: online text accessed 9/27/2011 (www.christianitytoday.com).
- Christian Law Association*. 2000. "Legal Opinion from the Christian Law Association." *Young Earth Creation Club* undated posting (online text at www.creationists.org accessed 4/15/2002).
- Christian Liberty*. 2015. "Curriculum and Services." *Christian Liberty* posting (online text at www.shopchristianliberty.com accessed 6/17/2015).
- Christian Media Research*. 2011. "God's Final Witness Is Ronald Weinland?" *Christian Media Research* undated posting (online text at www.christianmediaresearch.com accessed 5/17/2011).
- Christian Ministries International*. 2000a. "The Team [The Great Alaskan Dinosaur Adventure]" *Christian Answers Network* undated posting (online text at www.christiananswers.net accessed 11/10/2000).
- . 2000b. "How did animals get from the Ark to isolated places, such as Australia?" *Christian Answers Network* posting (online text at www.christiananswers.net accessed 7/26/2011).
- . 2000c. "What about continental drift?" *Christian Answers Network* posting (online text at www.christiananswers.net accessed 8/27/2012).
- . 2007a. "Do real scientists believe in Creation?" *Christian Answers Network* posting (online text at www.christiananswers.net accessed 12/18/2007).
- . 2007b. "Why are jellyfish fossils evidence against Evolution?" *Christian Answers Network* posting (online text at www.christiananswers.net accessed 2/10/2009).
- . 2014. "Brad Harrub." *Creation SuperLibrary* "Who's Who? In Creation/Evolution" posting (online text at www.christiananswers.net accessed 8/11/2014).
- Christian Party*. 2007a. "The Holocaust Hoax." *The Christian Party* 8 August updated posting (online text at christianparty.net accessed 12/20/2007).
- . 2007b. "jews1941." *The Christian Party* 8 August updated posting (online text at christianparty.net accessed 12/20/2007).
- . 2007c. "Jewish Population in 1948." *The Christian Party* 8 August updated posting (online text at christianparty.net accessed 12/20/2007).
- Christian Research Institute*. 2000. "Point-by-point Response to ABC's Peter Jennings Reporting: The Search for Jesus Aired Monday June 26, 2000." *Christian Research Institute* posting (online text at equip.org accessed 11/6/2001).
- Christian Resource Centre (Bermuda)*. 2007. "Tarot and Playing Cards." *Christian Resource Centre (Bermuda)* undated posting (online text at www.crcbermuda.com accessed 1/21/2017).
- Christian Science Monitor*. 2002. "Darwin or Design?" *Christian Science Monitor* (20 February) *Access Research Network* posting (online text at www.arn.org accessed 2/26/2002).
- Christian Today*. 2014. "Christian printer who refused gay pride shirt order files appeal." *Christian Today* 11 December posting (online text at www.christiantoday.com accessed 12/15/2014).
- Christian Worldview*. 2015. "Creation Science / Creationism." *Biblical Worldview* undated posting (online text at www.christianworldview.net accessed 6/17/2015).
- Christian Worldview Outreach*. 2011. "What do Dinosaurs have to do with the Bible?" *Christian Worldview Outreach* posting (online pdf at www.cwvo.net accessed 1/10/2012).
- Christians Against Dinosaurs*. 2015. *Christians Against Dinosaurs* undated posting (online text at www.christiansagainstdinosaurs.com/ accessed 10/29/2015).
- Christiansen, Björn, & Sören Christensen**. 2014. "Are female hurricanes deadlier than male hurricanes?" *Proceedings of the National Academy of Sciences* 111 (26 August): E3497-E3498.
- Christiansen, B., & F. C. Ljungqvist**. 2012. "The extra-tropical Northern Hemisphere

- temperature in the last two millennia: reconstructions of low-frequency variability.” *Climate of the Past* **8** (2): 765-786.
- Christiansen, Eric H., Bart J. Kowallis, & Mark D. Barton.** 1994. “Temporal and spatial distribution of volcanic ash in Mesozoic sedimentary rocks of the western interior: an alternative record of Mesozoic magmatism,” in Caputo *et al.* (1994, 73-94).
- Christiansen, Guntram, Jutta Fastner, Marcel Erhard, Thomas Börner, & Elke Dittmann.** 2003. “Microcystin Biosynthesis in *Planktothrix*: Genes, Evolution, and Manipulation.” *Journal of Bacteriology* **185** (January, No. 2): 564-572.
- Christiansen, Morten H., & Nick Chater.** 2008a. “Language as shaped by the brain.” *Behavioral and Brain Sciences* **31** (5): 489-509, 547-558.
- . 2008b. “Brains, genes, and language evolution: A new synthesis.” *Behavioral and Brain Sciences* **31** (5): 537-547.
- Christiansen, Morten H., & Simon Kirby.** 2003. “Language evolution: consensus and controversies.” *Trends in Cognitive Sciences* **7** (July): 300-307.
- Christiansen, Morten H., & Ralph-Axel Müller.** 2014. “Cultural Recycling of Neural Substrates during Language Evolution and Development,” in Gazzaniga & Mangun (2014, 675-682).
- Christiansen, Per, & Niels Bonde.** 2002. “Limb proportions and avian terrestrial locomotion.” *Journal of Ornithology* **143** (July): 356-371.
- Christiansen, Per, & Stephen Wroe.** 2007. “Bite forces and evolutionary adaptations to feeding ecology in carnivores.” *Ecology* **88** (February): 347-358.
- Christiansen, Wayne.** 2010. “The Decoupled Representation Theory of the Evolution of Cognition—A Critical Assessment.” *The British Journal for the Philosophy of Science* **61** (June): 361-405.
- Christians in Science.* 2012. “Did the *American Journal of Physics* err?” *Christians in Science* January forum posting (online text at www.cis.org.uk accessed 3/18/2013).
- Christie, David M.** 1994. “Dating the young ocean floor.” *Nature* **367** (13 January): 114-115.
- Christie, John M., Andrew S. Arvai, Katherine J. Baxter, Monika Heilmann, Ashley J. Pratt, Andrew O’Hara, Sharon M. Kelly, Michael Hothorn, Brian O. Smith, Kenichi Hitomi, Gareth I. Jenkins, & Elizabeth D. Getzoff.** 2012. “Plant UVR8 Photoreceptor Senses UV-B by Tryptophan-Mediated Disruption of Cross-Dimer Salt Bridges.” *Science* **335** (23 March): 1492-1496.
- Christie, John M., & Angus S. Murphy.** 2013. “Shoot phototropism in higher plants: New light through old concepts.” *American Journal of Botany* **100** (January): 35-46.
- Christin, Pascal-Antoine, Erika J. Edwards, Guillaume Besnard, Susanna F. Boxall, Richard Gregory, Elizabeth A. Kellogg, James Hartwell, & Colin P. Osborne.** 2012. “Adaptive Evolution of C₄ Photosynthesis through Recurrent Lateral Gene Transfer.” *Current Biology* **12** (6 March): 445-449.
- Christin, Pascal-Antoine, Colin P. Osborne, David S. Chatelet, J. Travis Columbus, Guillaume Besnard, Trevor R. Hodkinson, Laura M. Garrison, Maria S. Vorontsova, & Erika J. Edwards.** 2013. “Anatomical enablers and the evolution of C₄ photosynthesis in grasses.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1381-1386.
- Christin, Pascal-Antoine, Tammy L. Sage, Erika J. Edwards, R. Matthew Ogburn, Roxana Khoshravesh, & Rowan F. Sage.** 2011. “Complex Evolutionary Transitions and the Significance of C₃-C₄ Intermediate Forms of Photosynthesis in *Molluginaceae*.” *Evolution* **65** (March): 643-660.
- Christin, Pascal-Antoine, Daniel M. Weinreich, & Guillaume Besnard.** 2010. “Causes and evolutionary significance of genetic convergence.” *Trends in Genetics* **26** (September): 400-405.
- Christner, Brent C., Cindy E. Morris, Christine M. Foreman, Rongman Cai, & David C. Sands.** 2008. “Ubiquity of Biological Ice Nucleators in Snowfall.” *Science* **319** (29 February): 1214.
- Christoff, Kalina, Alan M. Gordon, Jonathan Smallwood, Rachelle Smith, & Jonathan W.**

- Schooler.** 2009. "Experience sampling during fMRI reveals default network and executive system contributions to mind wandering." *Proceedings of the National Academy of Sciences* **106** (26 May): 8719-8724.
- Christopher, Kevin.** 2002a. "Atlantis Behind the Myth: No Way, No How, No Where." *Skeptical Inquirer* **26** (January/February): 44-45.
- . 2002b. "'No Effect' Prayer Study from Mayo Clinic Ignored by Media." *Skeptical Inquirer* **26** (March/April): 5-6.
- Christy, John R., William B. Norris, Roy W. Spencer, & Justin J. Hnilo.** 2007. "Tropospheric temperature change since 1979 from tropical radiosonde and satellite measurements." *Journal of Geophysical Research: Earth Surface (1984-2012)* **112** (27 March): D06102.
- Chronic, Halka.** 1980. *Roadside Geology of Colorado*. Missoula, MT: Mountain Press Publishing Co.
- Chu, Guoqiang, Qing Sun, Patrick Rioual, Andrés Boltovsky, Qiang Liu, Peiqu Sun, Jintai Han, & Jiaqi Liu.** 2008. "Dinocyst microlaminations and freshwater 'red tides' recorded in Lake Xiaolongwan, northeastern China." *Journal of Paleolimnology* **39** (April): 319-333.
- Chu, Jeff.** 2013. "Damsel, Arise: A Westboro Scion Leaves Her Church." *Reporter's Notebook* 6 February posting (online text at *medium.com* accessed 2/16/2013).
- Chu, Ka Hou, Ji Qi, Zu-Guo Yu, & Vo Anh.** 2004. "Origin and Phylogeny of Chloroplasts Revealed by a Simple Correlation Analysis of Complete Genomes." *Molecular Biology and Evolution* **21** (January): 200-206.
- Chua, Eric Chern-Pin, Guanghou Shui, Ivan Tian-Guang Lee, Pauline Lau, Luuan-Chin Tan, Sing-Chen Yeo, Buu Duyen Lam, Sarada Bulchand, Scott A. Summers, Kathiravelu Puvanendran, Steven G. Rozen, Marcus R. Wenk, & Joshua J. Gooley.** 2013. "Extensive diversity in circadian regulation of plasma lipids and evidence for different circadian metabolic phenotypes in humans." *Proceedings of the National Academy of Sciences* **110** (27 August): 14468-14473.
- Chuang, John S., Olivier Rivoire, & Stanislas Leibler.** 2010. "Cooperation and Hamilton's rule in a simple synthetic microbial system." *Molecular Systems Biology* (online @ *molecularsystemsbiology.com*) **6** (10 August): 398.
- Chuang, Trees-Juen, Feng-Chi Chen, & Yen-Zho Chen.** 2012. "Position-dependent correlations between DNA methylation and the evolutionary rates of mammalian coding exons." *Proceedings of the National Academy of Sciences* **109** (25 September): 15841-15846.
- Chubukov, Victor, Ignacio A. Zuleta, & Hao Li.** 2012. "Regulatory architecture determines optimal regulation of gene expression in metabolic pathways." *Proceedings of the National Academy of Sciences* **109** (27 March): 5127-5132.
- Chu-Carroll, Mark C.** 2009. "Dembski Stoops Even Lower: Legal Threats to Silence a Critic." *Good Math, Bad Math* posting 16 November (online text at *scienceblogs.com/goodmath* accessed 8/26/2011).
- . 2010. "Disco Strikes Out Again: Casey Luskin, Kitzmiller, and New Information." *Good Math, Bad Math* posting 15 February (online text at *scienceblogs.com/goodmath* accessed 2/19/2010).
- Chudinov, Peter K.** 1965. "New Facts about the Fauna of the Upper Permian of the U.S.S.R." *The Journal of Geology* **73** (January): 117-130.
- Chumakov, N. M.** 2007. "Climates and climate zonality of the Vendian: geological evidence." *Geological Society, London, Special Publications* **286**: 15-26.
- Chun, Sung, & Justin C. Fay.** 2011. "Evidence for Hitchhiking of Deleterious Mutations within the Human Genome." *PLoS Genetics* (online @ *plosgenetics.org*) **7** (August): e1002240.
- Chung, C.S., & J. D. Niswander.** 1975. "Genetic and epidemiological studies of oral characteristics in Hawaii's schoolchildren. V. Sibling correlations in occlusion traits." *Journal of Dental Research* **54** (2): 324-329.
- Chung, C.S., J. D. Niswander, D. W. Runck, S. E. Bilben, & M. C. W. Kau.** 1970. "Genetic

- and Epidemiologic Studies of Oral Characteristics in Hawaii's Schoolchildren. II. Malocclusion." *American Journal of Human Genetics* **23** (September): 471–495.
- Chung, Henry, David W. Loehlin, Héloïse D. Dufour, Kathy Vaccarro, Jocelyn G. Millar, & Sean B. Carroll.** 2014. "A Single Gene Affects Both Ecological Divergence and Mate Choice in *Drosophila*." *Science* **343** (7 March): 1148-1151.
- Chung, Jin S., Ivar Langen, Sa Young Hong, & Simon J. Prinsenber,** eds. 2012. *Proceedings of the Twenty-second (2012) International Offshore and Polar Engineering Conference Rhodes, Greece (17-22 June 2012)*. Vol 3. Cupertino, CA: ISOPE (International Society of Offshore and Polar Engineers).
- Chung, Seung Ho, Cristina Rosa, Erin D. Scully, Michelle Peiffer, John F. Tooker, Kelli Hoover, Dawn S. Luthe, & Gary W. Felton.** 2013. "Herbivore exploits orally secreted bacteria to suppress plant defenses." *Proceedings of the National Academy of Sciences* **110** (24 September): 15728-15733.
- Chung, Wan Jun, Brahim Heddi, Emmanuelle Schmitt, Kah Wai Lim, Yves Mechulam, & Anh Tuân Phan.** 2015. "Structure of a left-handed DNA G-quadruplex." *Proceedings of the National Academy of Sciences* **112** (3 March): 2729-2733.
- Chuong, Cheng-Ming, Rajas Chodankar, Randall B. Widelitz, & Ting-Xin Jiang.** 2000. "Evo-Devo of feathers and scales: building complex epithelial appendages." *Current Opinion in Genetics & Development* **10** (August): 449-456.
- Chuong, C.-M., N. Patel, J. Lin, H.-S. Jung, & R. B. Widelitz.** 2000. "Sonic hedgehog signaling pathway in vertebrate epithelial appendage morphogenesis: perspectives in development and evolution." *Cellular and Molecular Life Sciences* **57** (October): 1672-1681.
- Chuong, Cheng-Ming, Sheree A. Ting, Randall B. Widelitz, & Yun-Shain Lee.** 1992. "Mechanism of skin morphogenesis. II. Retinoic acid modulates axis orientation and phenotypes of skin appendages." *Development (AKA Journal of Embryology and Experimental Morphology)* **115** (July): 839-852.
- Chuong Cheng-Ming, Randall B. Widelitz, Sheree Ting-Berreth, & Ting-Xin Jiang.** 1996. "Early Events During Avian Skin Appendage Regeneration: Dependence on Epithelial-Mesenchymal Interaction and Order of Molecular Reappearance." *The Journal of Investigative Dermatology* **107** (October): 639–646.
- Chuong, Cheng-Ming, Ping Wu, Fu-Cheng Zhang, Xing Xu, Minke Yu, Randall B. Widelitz, Tin-Xin Jiang, & Lianhai Hou.** 2003. "Adaptation to the sky: Defining the feather with integumental fossils from mesozoic China and experimental evidence from molecular laboratories." *Journal of Experimental Zoology* **296B** (15 August): 42-56.
- Chuong, Edward B., Nels C. Elde, & Cédric Feschotte.** 2016. "Regulatory evolution of innate immunity through co-option of endogenous retroviruses." *Science* **351** (4 March): 1083-1087.
- Chuong, Edward B., & Cédric Feschotte.** 2013. "Transposons Up the Dosage." *Science* **342** (15 November): 812-813.
- Churakov, Gennady, Jan Ole Kriegs, Robert Baertsch, Anja Zemmann, Jürgen Brosius, & Jürgen Schmitz.** 2009. "Mosaic retroposon insertion patterns in placental mammals." *Genome Research* **19** (May): 868-875.
- Churakov, Gennady, Manoj K. Sadasivuni, Kate R. Rosenbloom, Dorothée Huchon, Jürgen Brosius, & Jürgen Schmitz.** 2010. "Rodent Evolution: Back to the Root." *Molecular Biology and Evolution* **27** (June): 1315-1326.
- Church, Forrest.** 2007. *So Help Me God: The Founding Fathers and the First Great Battle Over Church and State*. New York: Harcourt, Inc.
- Church, Jennifer.** 2003. "Depression, Depth, and the Imagination," in Phillips & Morley (2003a, 175-186).
- Church, Warren B., & Adriana von Hagen.** 2008. "Chachapoyas: Cultural Development at an Andean Cloud Forest Crossroads," in Silverman & Isbell (2008, 903-926).
- Church Arise!* 2013a. "CA! visits Institute for Creation Research, Dallas!" *Church Arise!* 1 August posting (online text at churcharise.blogspot.com accessed 8/21/2013).

- . 2013b. “Hadrosaur skin found.” *Church Arise!* 11 August posting (online text at churcharise.blogspot.com accessed 8/21/2013).
- Churcher, Allison M., & John S. Taylor.** 2011. “The Antiquity of Chordate Odorant Receptors Is Revealed by the Discovery of Orthologs in the Cnidarian *Nematostella vectensis*.” *Genome Biology and Evolution* **3**: 36-43.
- Churchill, Bob.** 2014. “Freedom of Thought 2014: A Global Report on the Rights, Legal Status, and Discrimination Against Humanists, Atheists, and the Non-religious.” International Humanist and Ethical Union *The Freedom of Thought Report* posting (online pdf at freethoughtreport.com accessed 12/19/2014).
- Churchill, Gary A.** 2014. “When Are Results Too Good to Be True?” *Genetics* **198** (October): 447-448.
- Churchill, Hugh, Henry Teng, & Robert M. Hazen.** 2004. “Correlation of pH-dependent surface interaction forces to amino acid adsorption: Implications for the origin of life.” *American Mineralogist* **89** (July): 1048-1055.
- Churchill, Morgan, Manuel Martinez-Caceres, Christian de Muizon, Jessica Mnieckowski, & Jonathan H. Geisler.** 2016. “The Origin of High-Frequency Hearing in Whales.” *Current Biology* **26** (22 August): 2144-2149.
- Churchill, Steven E.** 2001. “Hand morphology, manipulation, and tool use in Neandertals and early modern humans of the Near East.” *Proceedings of the National Academy of Sciences* **98** (13 March): 2953-2955.
- Churchill, Steven E., Robert G. Francis, Hilary A. McKean-Peraza, Julie A. Daniel, & Brittany R. Warren.** 2009. “Shanidar 3 Neandertal rib puncture wound and paleolithic weaponry.” *Journal of Human Evolution* **57** (August): 163-178.
- Churchill, Steven E., Trenton W. Holliday, Kristian J. Carlson, Tea Jashashvili, Marisa E. Macias, Sandra Mathews, Tawnee L. Sparling, Peter Schmid, Darryl J. de Ruiter, & Lee R. Berger.** 2013. “The Upper Limb of *Australopithecus sediba*.” *Science* **340** (12 April): 1233-1237 (online at sciencemag.org).
- Churchland, Mark M., John P. Cunningham, Matthew T. Kaufman, Justin D. Foster, Paul Nuyujukian, Stephen I. Ryu, & Krishna V. Shenoy.** 2012. “Neural population dynamics during reaching.” *Nature* **487** (5 July): 51-56.
- Churchland, Patricia S.** 2002. “Self-Representation in Nervous Systems.” *Science* **296** (12 April): 308-310.
- . 2013. “Exploring the Causal Underpinnings of Determination, Resolve, and Will.” *Neuron* **80** (18 December): 1337-1338.
- Chyba, Christopher F.** 1997. “A left-handed Solar System?” *Nature* **389** (18 September): 234-235.
- . 1998. “Buried beginnings.” *Nature* **395** (24 September): 329.
- . 2010. “Countering the Early Faint Sun.” *Science* **328** (4 June): 1238-1239.
- Chyba, Christopher F., & Cynthia B. Phillips.** 2001. “Possible ecosystems and the search for life on Europa.” *Proceedings of the National Academy of Sciences* **98** (30 January): 801-804.
- . 2002. “Europa as an Abode of Life.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **32** (February): 47-67.
- Chylarecki, Przemyslaw, & Nuria Selva.** 2016. “Ancient forest: spare it from clearance.” *Nature* **530** (29 February): 419.
- Ciamarelli, Elisa, Michela Muccioli, Elisabetta Ládavas, & Giuseppe di Pellegrino.** 2007. “Selective deficit in personal moral judgment following damage to ventromedial prefrontal cortex.” *Social Cognitive & Affective Neuroscience* **2** (June): 84-92.
- Ciamarelli, Elisa, Rebecca C. Sperotto, Flavia Mattioli, & Giuseppe di Pellegrino.** 2013. “Damage to the ventromedial prefrontal cortex reduces interpersonal disgust.” *Social Cognitive & Affective Neuroscience* **8** (February): 171-180.
- Ciccarelli, Francesca.** 2010. “The (r)evolution of cancer genetics.” *BMC Biology* (online @ biomedcentral.com) **8** (11 June): 74.
- Ciccarelli, Francesca, Tobias Doerks, Christian von Mering, Christopher J. Creevey, Berend**

- Snel, & Peer Bork.** 2006. "Toward Automatic Reconstruction of a Highly Resolved Tree of Life." *Science* **311** (3 March): 1283-1287.
- Ciccarelli, Francesca D., Christian von Mering, Mikita Suyama, Eoghan D. Harrington, Elisa Izaurralde, & Peer Bork.** 2005. "Complex genomic rearrangements lead to novel primate gene function." *Genome Research* **15** (March): 343-351.
- Ciccia, Alberto, & Stephen J. Elledge.** 2010. "The DNA Damage Response: Making It Safe to Play with Knives." *Molecular Cell* **40** (22 October): 179-204.
- Cichorek, Mirosława, Malgorzata Wachulska, Aneta Stasiewicz, Agata Tymińska, cia, Alberto, & Stephen J. Elledge.** 2013. "Skin melanocytes: biology and development." *Postępy Dermatologii I Alergologii (Poland)* **30** (February): 30-41.
- Cicimurri, David J., & James L. Knight.** 2009. "Late Oligocene sharks and rays from the Chandler Bridge Formation, Dorchester County, South Carolina, USA." *Acta Palaeontologica Polonica* **54** (4): 627-647.
- Cicmil, Nela, & Kristine Krug.** 2015. "Playing the electric light orchestra—how electrical stimulation of visual cortex elucidates the neural basis of perception." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **370** (19 September): 20140206.
- Cieri, Robert L., Steven E. Churchill, Robert G. Franciscus, Jingzhi Tan, & Brian Hare.** 2014. "Craniofacial Feminization, Social Tolerance, and the Origins of Behavioral Modernity." *Current Anthropology* **55** (August): 419-443.
- Cieri, Robert L., Brent A. Craven, Emma R. Schachner, & C. G. Farmer.** 2014. "New insight into the evolution of the vertebrate respiratory system and the discovery of unidirectional airflow in iguana lungs." *Proceedings of the National Academy of Sciences* **111** (2 December): 17218-17223.
- Cieslak, Marcin, Jolanta Niewiarowska, Magdalena Nawrot, Maria Koziolkiewicz, Wojciech J. Stec, & Czesław S. Cierniewski.** 2002. "DNAzymes to β_1 and β_3 mRNA Downregulate Expression of the Targeted Integrins and Inhibit Endothelial Cell Capillary Tube Formation in Fibrin and Matrigel." *The Journal of Biological Chemistry* **277** (1 March): 6779-6787.
- Ciezarek, Gregory, Manuel Franco Sevilla, Brian Hamilton, Robert Kowalewski, Thomas Kuhr, Vera Lüth, & Yutaro Sato.** 2017. "A challenge to lepton universality in *B*-meson decays." *Nature* **546** (8 June): 227-233.
- Cifelli, Richard L.** 1999. "Tribosphenic mammal from the North American Early Cretaceous." *Nature* **401** (23 September): 363-366.
- . 2000. "Counting premolars in early eutherian mammals." *Acta Palaeontologica Polonica* **45** (2): 195-198.
- . 2001. "Early Mammalian Radiations." *Journal of Paleontology* **75** (November): 1214-1226.
- Cifelli, Richard L., & Brian M. Davis.** 2003. "Marsupial Origins." *Science* **302** (12 December): 1899-1900.
- . 2013. "Jurassic fossils and mammalian antiquity." *Nature* **500** (8 August): 160-161.
- Cifuentes, Daniel, Huiling Xue, David W. Taylor, Heather Patnode, Yuichiro Mishima, Sihem Cheloufi, Enbo Ma, Shrikant Mane, Gregory J. Hannon, Nathan D. Lawson, Scot A. Wolfe, & Antonio J. Giraldez.** 2010. "A Novel miRNA Processing Pathway Independent of Dicer Requires Argonaute2 Catalytic Activity." *Science* **328** (25 June): 1694-1698.
- Cigliano, Riccardo Aiese, Walter Sanseverino, Gaetana Cremona, Maria R. Ercolano, Clara Conicella, & Federica M. Consiglio.** 2013. "Genome-wide analysis of histone modifiers in tomato: gaining an insight into their developmental roles." *BMC Genomics* (online @ biomedcentral.com) **14** (28 January): 57.
- Cikara, Mina, Matthew M. Botnick, & Susan T. Fiske.** 2011. "Us Versus Them: Social Identity Shapes Neural Responses to Intergroup Competition and Harm." *Psychological Science* **22** (March): 306-313.
- CIM.** 2011. "Welcome To CIM." *Christian Identity Ministries* undated posting (online text at www.christianidentityministries.com accessed 2/14/2011).

- Cindrova-Davies, Tereza, Eric Jauniaux, Michael G. Elliot, Sungsam Gong, Graham J. Burton, & D. Stephen Charnock-Jones.** 2017. “RNA-seq reveals conservation of function among the yolk sacs of human, mouse, and chicken.” *Proceedings of the National Academy of Sciences* **114** (13 June): E4653-E4761.
- Cintron, Esther Bonnie.** 2017. Miami Dade County, Florida 13 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at *floridacitizensalliance.com* accessed 4/27/2017).
- Ciocchi, Stephane, Cyril Herry, François Grenier, Steffen B. E. Wolff, Johannes J. Letzkus, Ioannis Vlachos, Ingrid Ehrlich, Rolf Sprengel, Karl Deisseroth, Michael B. Stadler, Christian Müller, & Andreas Lüthi.** 2010. “Encoding of conditioned fear in central amygdala inhibitory circuits.” *Nature* **468** (11 November): 277-282.
- Ciochon, Russell L.** 1991. “The Ape That Was.” *Natural History* **100** (November): 54-63.
———. 1995. “The Earliest Asians Yet.” *Natural History* **104** (December): 50-54.
- Ciofi, Claudio, Gregory A. Wilson, Luciano B. Beheregaray, Cruz Marquez, James P. Gibbs, Washington Tapia, Howard L. Snell, Adalgisa Caccone, & Jeffrey R. Powell.** 2006. “Phylogeographic History and Gene Flow Among Giant Galápagos Tortoises on Southern Isabela Island.” *Genetics* **172** (March): 1727-1744.
- Cirulli, Vincenzo, & Mayra Yebra.** 2007. “Netrins: beyond the brain.” *Nature Reviews Molecular Cell Biology* **8** (April): 296-306.
- Cisar, John O., De-Qi Xu, John Thompson, William Swaim, Lan Hu, & Dennis J. Kopecko.** 2000. “An alternative interpretation of nanobacteria-induced biomineralization.” *Proceedings of the National Academy of Sciences* **97** (10 October): 11511-11515.
- Ciscar, Juan-Carlos, Ana Iglesias, Luc Feyen, László Szabó, Denise Van Regemorter, Bas Amelung, Robert Nicholls, Paul Watkiss, Ole B. Christensen, Rutger Dankers, Luis Garrote, Clare M. Goodess, Alistair Hunt, Alvaro Moreno, Julie Richards, & Antonio Soria.** 2011. “Physical and economic consequences of climate change in Europe.” *Proceedings of the National Academy of Sciences* **108** (15 February): 2678-2683.
- Cisne, John L.** 2005a. “How Science Survived: Medieval Manuscripts’ ‘Demography’ and Classic Texts’ Extinction.” *Science* **307** (25 February): 1305-1307.
———. 2005b. “Response to Comment on ‘How Science Survived: Medieval Manuscripts’ ‘Demography’ and Classic Texts’ Extinction’.” *Science* **307** (9 December): 1618.
- Cisneros, Juan Carlos, Fernando Abdala, Saniye Atayman-Güven, Bruce S. Rubidge, A. M. Celâl Şengör, & Cesar L. Schultz.** 2012. “Carnivorous dinocephalian from the Middle Permian of Brazil and tetrapod dispersal in Pangaea.” *Proceedings of the National Academy of Sciences* **109** (31 January): 1584-1588.
- Cisneros, Juan Carlos, Fernando Abdala, Bruce S. Rubidge, Paula Camboim Dentzien-Dias, & Ana de Oliveira Bueno.** 2011. “Dental Occlusion in a 260-Million-Year-Old Therapsid with Saber Canines from the Permian of Brazil.” *Science* **331** (25 March): 1603-1605.
- Cisneros, Juan Carlos, Claudia Marsicano, Kenneth D. Angielczyk, Roger M. H. Smith, Martha Richter, Jörg Fröbisch, Christian F. Kammerer, & Rudyard W. Sadler.** 2015. “New Permian fauna from tropical Gondwana.” *Nature Communications* (online @ nature.com) **6** (5 November): 8676.
- Cisneros, Juan Carlos, & Linda Akiko Tsuji.** 2009. “Nycteroleter affinities of a Permian parareptile from the South African Karoo Basin.” *Acta Palaeontologica Polonica* **54** (1): 165-169.
- Citerne, Hélène L., R. Toby Pennington, & Quentin C. B. Cronk.** 2006. “An apparent reversal in floral symmetry in the legume *Cadia* is a homeotic transformation.” *Proceedings of the National Academy of Sciences* **103** (8 August): 12012-12020.
- Citerne, Hélène L., Elisabeth Reyes, Martine Le Guilloux, Etienne Delannoy, Franck Simonnet, Hervé Sauquet, Peter H. Weston, Sophie Nadot, & Catherine Damerval.** 2017. “Characterization of CYCLOIDEA-like genes in Proteaceae, a basal eudicot family with multiple shifts in floral symmetry.” *Annals of Botany* **119** (February): 367-378.
- Citizen X.** 2008. “Ronald Weinland declares the final Weinland Window.” *The Weinland Witness* anonymous posting 4 October (online text at *theweinlandwitness.wordpress.com*

- accessed 5/17/2011).
- Citizens for Excellence in Education*. 2013. “Citizens for Excellence in Education.” *Citizens for Excellence in Education* homepage posting (online text at www.nace-cee.org/ accessed 1/4/2014).
- Citovsky, Vitaly, & Bo Liu**. 2017. “Myosin-driven transport network in plants is functionally robust and distinctive.” *Proceedings of the National Academy of Sciences* **114** (21 February): 1756-1758.
- Citron, Daniel T., & Paul Ginsparg**. 2015. “Patterns of text reuse in a scientific corpus.” *Proceedings of the National Academy of Sciences* **112** (6 January): 25-30.
- Citron, Robert I., & Shijie Zhong**. 2012. “Constraints on the formation of the Martian crustal dichotomy from remnant crustal magnetism.” *Physics of the Earth and Planetary Interiors* **212-213** (December): 55-63.
- Ciumas, C., A. Lindén Hirschberg, & I. Savic**. 2009. “High Fetal Testosterone and Sexually Dimorphic Cerebral Networks in Females.” *Cerebral Cortex* **19** (May): 1167-1174.
- Civaň, Peter, Peter G. Foster, Martin T. Embley, Ana Séneca, & Cymon J. Cox**. 2014. “Analyses of Charophyte Chloroplast Genomes Help Characterize the Ancestral Chloroplast Genome of Land Plants.” *Genome Biology and Evolution* **6** (April): 897-911.
- Civiš, Svatopluk, Rafał Szabla, Bartłomiej M. Szyja, Daniel Smykowski, Ondřej Ivanek, Antonín Knížek, Petr Kubelík, Jiří Šponer, Martin Ferus, & Judit E. Šponer**. 2016. “TiO₂-catalyzed synthesis of sugars from formaldehyde in extraterrestrial impacts on the early Earth.” *Scientific Reports* (online @ www.nature.com/srep/) **6** (16 March): 23199.
- Clack, Jennifer A.** 1987. “Two new specimens of *Anthracosaurus* (Amphibia: Anthracosauria) from the Northumberland coal measures.” *Palaeontology* **30**: 15-26.
- . 1989. “Discovery of the earliest-known tetrapod stapes.” *Nature* **342** (23 November): 425-427.
- . 1998. “A new Early Carboniferous tetrapod with a *mélange* of crown-group characters.” *Nature* **394** (2 July): 66-69.
- . 2002. “An early tetrapod from ‘Romer’s Gap’.” *Nature* **418** (4 July): 72-76.
- . 2003. “A new baphetid (stem tetrapod) from the Upper Carboniferous of Tyne and Wear, U. K., and the evolution of the tetrapod occiput.” *Canadian Journal of Earth Sciences* **40** (April): 483-498.
- . 2004. “From Fins to Fingers.” *Science* **304** (2 April): 57-58.
- . 2005. “Getting a Leg Up On Land.” *Scientific American* **293** (December): 100-107.
- . 2006. “The emergence of early tetrapods.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **232** (22 March): 167-189.
- . 2007. “Devonian climate change, breathing, and the origin of the tetrapod stem group.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (October): 510-523.
- . 2009. “The Fish-Tetrapod Transition: New Fossils and interpretations.” *Evolution: Education & Outreach* **2** (June): 213-223.
- . 2015. “The origin of terrestrial hearing.” *Nature* **519** (12 March): 168-169.
- Clack, Jennifer A., Per E. Ahlberg, Henning Blom, & Sarah M. Finney**. 2012. “A new genus of Devonian tetrapod from North-East Greenland, with new information on the lower jaw of *Ichthyostega*.” *Palaeontology* **55** (January): 75-86.
- Clack, J. A., P. E. Ahlberg, S. M. Finney, P. Dominguez Alonso, J. Robinson, & R. A. Ketcham**. 2003. “A uniquely specialized ear in a very early tetrapod.” *Nature* **425** (4 September): 65-69.
- Clack, Jennifer A., Carys E. Bennett, David K. Carpenter, Sarah J. Davies, Nicholas C. Fraser, Timothy I. Kearsey, John E. A. Marshall, David Millward, Benjamin K. A. Otoo, Emma J. Reeves, Andrew J. Ross, Marcello Ruta, Keturah Z. Smithson, Timothy R. Smithson, & Stig A. Walsh**. 2016. “Phylogenetic and environmental context of a Tournaisian tetrapod fauna.” *Nature Ecology & Evolution* (online @ www.nature.com/natecolevol) **1** (5 December): 0002.
- Clack, J. A., & S. M. Finney**. 2005. “*Pederpes finneyae*, an articulated tetrapod from the tournaisian of Western Scotland.” *Journal of Systematic Palaeontology* **2** (December): 311-

346.

- Claessens, Antoine, Yvonne Adams, Ashfaq Ghumra, Gabriella Lindergard, Caitlin C. Buchan, Cheryl Andisi, Peter C. Bull, Sachel Mok, Archana P. Gupta, Christian W. Wang, Louise Turner, Mònica Arman, Ahmed Raza, Zbynek Bozdech, & J. Alexandra Rowe.** 2012. "A subset of group A-like *var* genes encodes the malaria parasite ligands for binding to human brain endothelial cells." *Proceedings of the National Academy of Sciences* **109** (26 June): E1772-E1781.
- Claessens, Leon P. A. M., Patrick M. O'Connor, & David M. Unwin.** 2009. "Respiratory Evolution Facilitated the Origin of Pterosaur Flight and Aerial Gigantism." *PLoS ONE* (online @ plosone.org) **4** (February): e4497.
- Claeys, Eric R.** 2006. "Justice Scalia and the Religion Clauses: A Comment on Professor Epps." *Washington University Journal of Law & Policy* **21** (1): 349-377.
- Claeys, Philippe.** 2008. "Asteroid and comet impacts on earth," in Benton (2008a, 90-93).
- Clague, David A., & David R. Sherrod.** 2014. "Growth and Degradation of Hawaiian Volcanoes," in Poland *et al.* (2014, 97-146).
- Clague, John J., Rene Barendregt, Randolph J. Enkin, & Franklin F. Foit Jr.** 2003. "Paleomagnetic and tephra evidence for tens of Missoula floods in southern Washington." *Geology* **31** (March): 247-250.
- Claiborne, Winford.** 2006. "WHAT IF EVOLUTION WERE TRUE? #1." *The International Gospel Hour* undated posting (online text at www.gospelhour.net accessed 4/20/2006).
- Claidière, Nicolas, Simon Kirby, & Dan Sperber.** 2012. "Effect of psychological bias separates cultural from biological evolution." *Proceedings of the National Academy of Sciences* **109** (18 December): E3526.
- Claisse, Jeremy T., Daniel J. Pondella II, Milton Love, Laurel A. Zahn, Chelsea M. Williams, Jonathan P. Williams, & Ann S. Bull.** 2014. "Oil platforms off California are among the most productive marine fish habitats globally." *Proceedings of the National Academy of Sciences* **111** (28 October): 15462-15467.
- Clancy, Dean.** 2011. "Herman Cain's '999 Plan': The Good, the Bad, and the Ugly." *FreedomWorks* 6 October posting (online text at www.freedomworks.org accessed 10/13/2011).
- Clancy, Susan A.** 2005. *Abducted: How People Come to Believe They Were Kidnapped by Aliens*. Cambridge, MA: Harvard University Press.
- Clanton, Jesse, Michael Subichin, Katherine Drolshagen, Timothy Daley, & Michael S. Firstenberg.** 2013. "Fulminant *Clostridium difficile* infection: An association with prior appendectomy?" *World Journal of Gastrointestinal Surgery* **5** (27 August): 233-238.
- Clapham, Matthew E., & Jared A. Karr.** 2012a. "Environmental and biotic controls on the evolutionary history of insect body size." *Proceedings of the National Academy of Sciences* **109** (3 July): 10927-10930.
- . 2012b. "Reply to Dorrington: Oxygen concentration and predator escape abilities are important controls on insect size." *Proceedings of the National Academy of Sciences* **109** (11 December): E3394.
- Clapham, M. E., & G. M. Narbonne.** 2002. "Ediacaran epifaunal tiering." *Geology* **30** (July): 627-630.
- Clapham, Matthew E., Guy M. Narbonne, & James G. Gehling.** 2003. "Paleoecology of the oldest known animal communities: Ediacaran assemblages at Mistaken Point, Newfoundland." *Paleobiology* **29** (December): 527-544.
- Clapham, Matthew E., Guy M. Narbonne, James G. Gehling, Carolyn Greentree, & Michael M. Anderson.** 2004. "*Thectardis avalonensis*: A New Ediacaran Fossil from the Mistaken Point Biota, Newfoundland." *Journal of Paleontology* **78** (November): 1031-1036.
- Claramunt, Santiago, & Joel Cracraft.** 2015. "A new time tree reveals Earth history's imprint on the evolution of modern birds." *Science Advances* **1** (11 December): e1501005 (online at sciencemag.org).
- Claret, Laurent, Susannah R. Calder, Matthew Higgins, & Colin Hughes.** 2003. "Oligomerization and activation of the Flil ATPase central to bacterial flagellum assembly."

- Molecular Microbiology* **48** (June): 1349-1355.
- Clarey, Timothy L.** 2006. “No. 399—Dinosaurs vs. Birds: The Fossils Don’t Lie.” Institute for Creation Research *Impact* (September): i-iv.
- . 2013a. “Dinosaurs Swimming out of Necessity.” *Institute for Creation Research* posting 26 April (online text at www.icr.org accessed 10/13/2014).
- . 2013b. “Ancient Claims Have Leaks.” Institute for Creation Research *Acts & Facts* (August): 9.
- . 2013c. “Hot Mantle Initiated Ocean and Flood Beginnings.” Institute for Creation Research *Acts & Facts* (August): 15.
- . 2013d. “Study Fails to Prove Flight Feathers Evolved.” *Institute for Creation Research* posting 17 October (online text at www.icr.org accessed 5/5/2014).
- . 2015a. *Dinosaurs: Marvels of God’s Design--The Science of the Biblical Account*. Green Forest, AR: Master Books.
- . 2015b. “*Tyrannosaurus rex* Was No Birdbrain.” Institute for Creation Research *Acts & Facts* (August): 15.
- . 2016a. “Dinosaurs Designed Cold-Blooded.” Institute for Creation Research *Acts & Facts* (January): 15.
- . 2016b. “*Homo naledi*: Claims of a Transitional Ape.” Institute for Creation Research *Acts & Facts* (February): 12-14.
- Clarey, Timothy L., & Jeffrey P. Tomkins.** 2015. “Determining Average Dinosaur Size Using the Most Recent Comprehensive Body Mass Data Set.” *Answers in Genesis Research Journal* **8**: 85-91.
- Clark, Alisha N.** 2012. “Chapter 7: Demise of the Dams: The Construction, Destruction, and Legacy of Late Cenozoic Volcanism in the Western Grand Canyon.” University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics article (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Clark, Andrew G.** 2003. “A slippery boundary.” *Proceedings of the National Academy of Sciences* **100** (29 April): 4971-4972.
- . 2014. “The vital Y chromosome.” *Nature* **508** (24 April): 463-465.
- Clark, Andrew G., Stephen Glanowski, Rasmus Nielsen, Paul D. Thomas, Anish Kejariwal, Melissa A. Todd, David M. Tenenbaum, Daniel Civello, Fu Lu, Brian Murphy, Steve Ferreira, Gary Wang, Xianqun Zheng, Thomas J. White, John J. Sninsky, Mark D. Adams, & Michele Cargill.** 2003. “Inferring Nonneutral Evolution from Human-Chimp-Mouse Orthologous Gene Trios.” *Science* **302** (12 December): 1960-1963.
- Clark, Andrew G., & Philipp W. Messer.** 2015. “Conundrum of jumbled mosquito genomes.” *Science* **347** (2 January): 27-28.
- Clark, Andy.** 2008. “Materialist mind.” *New Scientist* (10 December): online text accessed 3/23/2017 (newscientist.com).
- Clark, Benton C.** 2001. “Planetary Interchange of Bioactive Material: Probability Factors and Implications.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **31** (February-April): 185-197.
- Clark, B. C., A. L. Baker, A. F. Cheng, S. J. Clemett, D. McKay, H. Y. McSween, C. M. Pieters, P. Thomas, & M. Zolensky.** 1999. “Survival of Life on Asteroid, Comets and Other Small Bodies.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **29** (October): 521-545.
- Clark, C. Graham.** 1999. “The Effect of Secondary Loss on Our Views of Eukaryotic Evolution.” *The Biological Bulletin* **196** (June): 385-388.
- Clark, C. Graham, & Andrew J. Roger.** 1995. “Direct evidence for secondary loss of mitochondria in *Entamoeba histolytica*.” *Proceedings of the National Academy of Sciences* **92** (3 July): 6518-6521.
- Clark, Constance Areson.** 2001. “Evolution for John Doe: Pictures, the Public, and the Scopes Trial Debate.” *The Journal of American History* **88** (March): 1275-1303.
- Clark, D. H., & J. L. Caswell.** 1976. “A Study of Galactic Supernova Remnants, Based on Molongo-Parkes Observational Data.” *Monthly Notices of the Royal Astronomical Society*

- 174 (February): 267–305.
- Clark, Donald.** 2013. “Putting the Pieces Together to Explain Continental Drift.” *Creation Moments* 13 September posting (online text at www.creationmoments.com accessed 11/21/2013).
- Clark, Elizabeth J.** 2007. “Advocacy: Profession’s Cornerstone.” National Association of Social Workers *NASW News* 52 (July): online text accessed 9/23/2014 (www.naswdc.org).
- Clark, Fred.** 2012a. “TFTM: Return of Angelic Women.” *Slacktivist* posting 2 March (online text at www.patheos.com accessed 3/10/2012).
- . 2012b. “Hebrew Fail in ‘Left Behind II’.” *Slacktivist* posting 3 March (online text at www.patheos.com accessed 3/10/2012).
- Clark, Geoffrey A.** 1999. “NAGPRA, Science, and the Demon-Haunted World.” *Skeptical Inquirer* 23 (May/June): 44-48.
- Clark, Gordon H.** 1948. “Hath God Said?” Covenant House (Willow Grove, Pennsylvania) *The Witness* (May): 7, 12.
- . 1979. “The Cosmological Argument.” *The Trinity Review* (September): 1-3.
- . 1980. “God and Logic.” *The Trinity Review* (November-December): 1-7.
- . 1981. “Science and Truth.” *The Trinity Review* (May-June): 1-5.
- . 1983. “Atheism.” *The Trinity Review* (July-August): 1-5.
- . 1984a. “Logical Criticisms of Textual Criticism.” *The Trinity Review* (January-August): 1-17.
- . 1984b. “In the Beginning.” *The Trinity Review* (November-December): 1-6.
- . 1985. “The Relationship of Public Education to Christianity.” *The Trinity Review* (May-June): 1-6.
- . 1988. “A Christian Philosophy Of Education.” *The Trinity Review* (May-June): 1-10.
- Clark, Harold W.** 1979. “How Not to Make a Bird.” *Seventh Day Adventist Signs of the Times* (November): 6-7.
- Clark, Heather.** 2013a. “‘Education, Not Indoctrination’: Atheists Protest Texas Homeschool Convention as Promised.” *Christian News* 3 August posting (online text at christiannews.net accessed 9/7/2013).
- . 2013b. “Christian School Under Fire For Creation Quiz Closes Over Lack of Financial Support.” *Christian News* 8 September posting (online text at christiannews.net accessed 9/17/2013).
- . 2014a. “Supreme Court Sets Date to Hear Hobby Lobby’s Challenge to Obamacare Abortion Pill Mandate.” *Christian News* 12 January posting (online text at christiannews.net accessed 5/28/2014).
- . 2014b. “Maryland College Leveled With Second Suit for Rejecting Student Because of Faith.” *Christian News* 10 September posting (online text at christiannews.net accessed 11/25/2014).
- . 2015. “IRS vs. Kent Hovind: Imprisoned Evolutionary Foe Now Facing New Charges, Life Behind Bars.” *Christian News* 4 February posting (online text at christiannews.net accessed 3/11/2015).
- Clark, J. Desmond, Yonas Beyene, Giday WoldeGabriel, William K. Hart, Paul R. Renne, Henry Gilbert, Alban Defleur, Gen Suwa, Shigehiro Katoh, Kenneth R. Ludwig, Jean-Renaud Boisserie, Berhane Asfaw, & Tim D. White.** 2003. “Stratigraphic, chronological and behavioral contexts of Pleistocene *Homo sapiens* from Middle Awash, Ethiopia.” *Nature* 423 (12 June): 747-752.
- Clark, James M.** 1995. “An Egg Thief Exonerated.” *Natural History* 104 (June): 56-57.
- . 2006. “A Different Kind of Croc.” *Science* 311 (6 January): 43-44.
- . 2009. “Becoming *T. rex*.” *Science* 326 (16 October): 373.
- Clark, James M., Hans-Dieter Sues, & David Berman.** 2000. “A new specimen of *Hesperosuchus agilis* from the upper Triassic of New Mexico and the interrelationships of basal crocodylomorph archosaurs.” *Journal of Vertebrate Paleontology* 20 (December): 683-704.
- Clark, James M., & Xing Xu.** 2009. “Evolutionary Transitions Among Dinosaurs: Examples

- from the Jurassic of China.” *Evolution: Education & Outreach* **2** (June): 236-247.
- Clark, Jerome.** 2013. *Unexplained! Strange Sightings, Incredible Occurrences, and Puzzling Physical Phenomena*. 3rd ed. Detroit: Visible Ink Press.
- Clark, Kelly James.** 2014a. *Religion and the Sciences of Origins: Historical and Contemporary Discussions*. New York: Palgrave Macmillan.
- . 2014b. “The Science-Religion Crisis at Christian Colleges.” *Huffpost Science* posting 14 July (online text at huffingtonpost.com accessed 7/15/2014).
- . 2015. “Is Theism a Scientific Hypothesis? Reply to Maarten Boudry.” *Reports of the National Center for Science Education* **35** (September-October): 5.1-5.3.
- Clark, Kirk L., Elaine D. Halay, Eseng Lai, & Stephen K. Burley.** 1993. “Co-crystal structure of the HNF-3/fork head DNA-recognition motif resembles histone H5.” *Nature* **364** (29 July): 412-420.
- Clark, Luke, Bettina Studer, Joel Bruss, Daniel Tranel, & Antoine Bechara.** 2014. “Damage to insula abolishes cognitive distortions during simulated gambling.” *Proceedings of the National Academy of Sciences* **111** (22 April): 6098-6103.
- Clark, Lynn Schofield.** 2003. *From Angels to Aliens: Teenagers, the Media, and the Supernatural*. Oxford: Oxford University Press.
- Clark, Malcolm D.** 1978. “Amphibolitic rocks from the Precambrian of Grand Canyon: Mineral chemistry and phase petrology.” *Mineralogical Magazine* **42** (June): 199-207.
- . 1979. “Geology of the older Precambrian rocks of the Grand Canyon: Part III. Petrology of mafic schists and amphibolites.” *Precambrian Research* **8** (April): 277-302.
- Clark, Matthew.** 2012. “Pastor Youcef’s Letter of ‘Gratitude’.” *American Center for Law and Justice* 20 September posting (online text at aclj.org accessed 9/21/2012).
- . 2013a. “Who Would Describe Christians as ‘Monsters who Terrorize?’” *American Center for Law and Justice* 2 May posting (online text at aclj.org accessed 5/4/2013).
- . 2013b. “Victory: Chaplain’s Article Reinstated.” *American Center for Law and Justice* 14 August posting (online text at aclj.org accessed 8/18/2013).
- . 2014a. “Court Calls Out Angry Atheists for Near Supernatural Claims Against the Ground Zero Cross.” *American Center for Law and Justice* 3 July posting (online text at aclj.org accessed 7/3/2014).
- . 2014b. “Extreme Pro-Abortion Senate Bill Would Eviscerate Over 200 Pro-Life Laws in America.” *RedState Conservative Blog and News* 15 July posting (online text at www.redstate.com accessed 7/16/2014).
- . 2014c. “IRS Agrees to Target Churches.” *American Center for Law and Justice* 6 August posting (online text at aclj.org accessed 8/10/2014).
- Clark, Michael B., Paulo P. Amaral, Felix J. Schlesinger, Marcel E. Dinger, Ryan J. Taft, John L. Rinn, Chris P. Ponting, Peter F. Stadler, Kevin V. Morris, Antonin Morillon, Joel S. Rozowsky, Mark B. Gerstein, Claes Wahlestedt, Yoshihide Hayashizaki, Piero Carninci, Thomas R. Gingeras, & John S. Mattick.** 2011. “The Reality of Pervasive Transcription.” *PLoS Biology* (online @ plosbiology.org) **9** (July): e10000625.
- Clark, Michael B., Anupma Choudhary, Martin A. Smith, Ryan J. Taft, & John S. Mattick.** 2013. “The dark matter rises: the expanding world of regulatory RNAs.” *Essays in Biochemistry* **54**: 1-16.
- Clark, Nancy B.** 1983. “Evolution of Calcium Regulation in Lower Vertebrates.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **23** (3): 719-727.
- Clark, Patricia L., & Jonathan King.** 2001. “A Newly Synthesized, Ribosomal-bound Polypeptide Chain Adopts Conformations Dissimilar from Early *in Vitro* Refolding Intermediates.” *The Journal of Biological Chemistry* **276** (6 July): 25411-25420.
- Clark, Peter U.** 2012. “Ice Sheets in Transition.” *Science* **337** (10 August): 656-658.
- Clark, Peter U., Arthur S. Dyke, Jeremy D. Shakun, Anders E. Carlson, Jorie Clark, Barbara Wohlfarth, Jerry X. Mitrovica, Steven W. Hostetler, & A. Marshall McCabe.** 2009. “The Last Glacial Maximum.” *Science* **325** (7 August): 710-714.
- Clark, Peter U., & Lev Tarasov.** 2014. “Closing the sea level budget at the last Glacial Maximum.” *Proceedings of the National Academy of Sciences* **111** (11 November): 15861-

- 15862.
- Clark, Robert E., Joseph R. Manns, & Larry R. Squire.** 2002. "Classical conditioning, awareness, and brain systems." *Trends in Cognitive Sciences* **6** (December): 524-531.
- Clark, Robert E., & Larry R. Squire.** 1998. "Classical Conditioning and Brain Systems: The Role of Awareness." *Science* **280** (3 April): 77-81.
- . 2013. "Similarity in form and function of the hippocampus in rodents, monkeys, and humans." *Proceedings of the National Academy of Sciences* **110** (18 June Supplement 2): 10365-10370.
- Clark, Robert E. D.** 1936. "The Present Position with Regard to the Origin of Species." *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **68**: 172-194.
- Clark, Roger N., John M. Curchin, Jason W. Barnes, Ralf Jaumann, Larry Soderblom, Dale P. Cruikshank, Robert H. Brown, Sébastien Rodriguez, Jonathan Lunine, Katrin Stephan, Todd M. Hoefen, Stéphane Le Mouélic, Christophe Sotin, Kevin H. Baines, Bonnie J. Buratti, & Phillip D. Nicolson.** 2010. "Detection and Mapping of Hydrocarbon Deposits on Titan." *Journal of Geophysical Research* **115** (13 October): E10005.
- Clark, Sandra H. B.** 2001. "Birth of the Mountains: The Geologic Story of the Southern Appalachian Mountains." *United States Geological Survey* posting (online pdf at pubs.usgs.gov accessed 7/3/2015).
- Clark, Stuart.** 1999. "Polarized Starlight and the Handedness of Life." *American Scientist* **87** (July-August): 336-343.
- . 2002. "Venus may surprise us and emerge as a haven for life." *New Scientist* **175** (28 September): 16.
- Clark, Suzanne.** 1984. "Tennessee Mother Jailed over Textbook Battle." *Fundamentalist Journal* **3** (February): 62.
- Clark, Valerie C., Christopher J. Raxworthy, Valérie Rakotomalala, Petra Sierwald, & Brian L. Fisher.** 2005. "Convergent evolution of chemical defense in poison frogs and arthropod prey between Madagascar and the Neotropics." *Proceedings of the National Academy of Sciences* **102** (16 August): 11617-11622.
- Clark, Victoria.** 2000. *Why Angels Fall: A Journey Through Orthodox Europe from Byzantium to Kosovo*. New York: St. Martin's Press.
- Clark, Victoria (a).** 2004. "Shall We Let Our Children Think?" *Reports of the National Center for Science Education* **24** (March-April): online text accessed 6/29/2009 (ncse.com).
- Clark, Victoria (b).** 2006. "Darwinism Vs. Intelligent Design." *The Epoch Times* 9 January posting (online text at www.theepochtimes.com accessed 1/30/2014).
- Clark, William R., & Michael Grunstein.** 2000. *Are We Hardwired? The Role of Genes in Human Behavior*. 2004 pb ed. Oxford: Oxford University Press.
- Clarke, Arthur C.** 1962. *Profiles of the Future: An Inquiry Into the Limits of the Possible*. New York: Harper & Row.
- . 1970. *The Promise of Space*. New York: Pyramid Books.
- . 1972. *Report on Planet Three and Other Speculations*. New York: Harper & Row.
- . 1998. "Presidents, Experts, and Asteroids." *Science* **280** (5 June): 1532-1533.
- , ed. Ian T. Macauley. 1999. *Greetings, Carbon-Based Bipeds! Collected Essays, 1934-1998*. New York: St. Martin's Press.
- Clarke, David A.** 2012. "A truly embryonic star." *Nature* **492** (6 December): 52-53.
- Clarke, Dominic, Heather Whitney, Gregory Sutton, & Daniel Robert.** 2013. "Detection and Learning of Floral Electric Fields by Bumblebees." *Science* **340** (5 April): 66-69.
- Clarke, Garry, David Leverington, James Teller, & Arthur Dyke.** 2003. "Superlakes, Megafloods, and Abrupt Climate Change." *Science* **301** (15 August): 922-923.
- Clarke, Hannah F., Nicole K. Horst, & Angela C. Roberts.** 2015. "Regional inactivations of primate ventral prefrontal cortex reveal two distinct mechanisms underlying negative bias in decision making." *Proceedings of the National Academy of Sciences* **112** (31 March): 4176-4181.
- Clarke, Ian N.** 2011. "Evolution of *Chlamydia trachomatis*." *Annals of the New York Academy of Sciences* **1230** (August): E11-E18.

- Clarke, John T., Graeme T. Lloyd, & Matt Friedman.** 2016. “Little evidence for enhanced phenotypic evolution in early teleosts relative to their living fossil sister group.” *Proceedings of the National Academy of Sciences* **113** (11 October): 11531-11536.
- Clarke, Jonathan.** 1999. “Re: coal again! (2).” *American Scientific Affiliation* 27 March posting (online text at asa3.org accessed 8/14/2008, not available as of 3/16/2015).
- Clarke, Julia.** 2013. “Feathers Before Flight.” *Science* **340** (10 May): 690-692.
- Clarke, Julia A., Daniel T. Ksepka, Rodolfo Salas-Gismondi, Ali J. Altamirano, Matthew D. Shawkey, Liliana D’Alba, Jakob Vinther, Thomas J. DeVries, & Patrice Baby.** 2010. “Fossil Evidence for Evolution of the Shape and Color of Penguin Feathers.” *Science* **330** (12 November): 954-957.
- Clarke, Julia A., Daniel T. Ksepka, Marcelo Stucchi, Mario Urbina, Norberto Giannini, Sara Bertelli, Yanina Narváez, & Clint A. Boyd.** 2007. “Paleogene equatorial penguins challenge the proposed relationship between biogeography, diversity, and Cenozoic climate change.” *Proceedings of the National Academy of Sciences* **104** (10 July): 11545-11550.
- Clarke, Julia A., & Mark A. Norell.** 2001. “Fossils and avian evolution.” *Nature* **414** (29 November): 508.
- Clarke, Julia A., Claudia P. Tambussi, Jorge I. Noriega, Gregory M. Erickson, & Richard A. Ketchum.** 2005. “Definitive fossil evidence for the extant avian radiation in the Cretaceous.” *Nature* **433** (20 January): 305-308.
- Clarke, Julia A., Zhonghe Zhou, & Fucheng Zhang.** 2006. “Insight into the evolution of avian flight from a new clade of Early Cretaceous ornithurines from China and the morphology of *Yixianornis grabaui*.” *Journal of Anatomy* **208** (March): 287-308.
- Clarke, Kenneth V.** 1973. *The Biology of the Arthropoda*. New York: American Elsevier Publishing Company, Inc.
- Clarke, Patrick.** 2010. “Why Pharaoh Hatshepsut is not to be equated to the Queen of Sheba.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **24** (2): 62-68.
- . 2011a. “Was Thutmose III the biblical Shishak?—Claims for the ‘Jerusalem’ bas-relief at Karnak investigated.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **25** (1): 48-56.
- . 2011b. “Was Jerusalem the Kadesh of Thutmose III’s 1st Asiatic campaign?—topographic and petrographic evidence.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **25** (3): 48-55.
- . 2012a. “Egyptian chronology needs revision.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **26** (1): 40-41.
- . 2012b. “Wisdom literature and the question of priority—Solomon’s Proverbs or Amenemope’s *Instruction*.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **26** (2): 50-56.
- . 2012c. “Egyptian coins in the time of Joseph.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **26** (3): 85-91.
- . 2013a. “The Stele of Merneptah—assessment of the final ‘Israel’ strophe and its implications for chronology.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **27** (1): 57-64.
- . 2013b. “Resolving alleged conflicts between the Bible and other accounts of Egyptian history.” *Creation Ministries International* posting 11 August (online text at creation.com accessed 6/12/2015).
- Clarke, Peter.** 2012. “Neuroscience: What do advances in Neuroscience mean for our faith?.” *Christians in Science* “thinkingabout... addressing questions of science and faith” pamphlet posting (online pdf at www.cis.org.uk accessed 1/25/2015).
- Clarke, Ronald J., & Phillip V. Tobias.** 1995. “Sterkfontein Member 2 Foot Bones of the Oldest South African Hominid.” *Science* **269** (28 July): 521-524.
- Clarke, Thomas H., Jessica E. Garb, Cheryl Y. Hayashi, Peter Arensburger, & Nadia A. Ayoub.** 2015. “Spider Transcriptomes Identify Ancient Large-Scale Gene Duplication Event Potentially Important in Silk Gland Evolution.” *Genome Biology and Evolution* **7**

- (July): 1856-1870.
- Clarke, Tom.** 2002. "Jellies roll back time." *Nature News* (30 January) posting (online text at *nature.com* accessed 2/2/2015).
- Clark-Flory, Tracy.** 2011. "Richard Dawkins: Skeptic of women?" *Salon.com* 8 July (online text at *salon.com* accessed 7/31/2011).
- Clark-Hachtel, Courtney M., David M. Linz, & Yoshinori Tomoyasu.** 2013. "Insights into insect wing origin provided by functional analysis of *vestigial* in the red flour beetle *Tribolium castaneum*." *Proceedings of the National Academy of Sciences* **110** (15 October): 16951-16956.
- Clarkson, Andrew N., Ben S. Huang, Sarah E. McIsaac, Istvan Mody, & S. Thomas Carmichael.** 2010. "Reducing excessive GABA-mediated tonic inhibition promotes functional recovery after stroke." *Nature* **468** (11 November): 305-309.
- Clarkson, Chris, Zenobia Jacobs, Ben Marwick, Richard Fullagar, Lynley Wallis, Mike Smith, Richard G. Roberts, Elspeth Hayes, Kelsey Lowe, Xavier Carah, S. Anna Florin, Jessica McNeil, Delyth Cox, Lee J. Arnold, Quan Hua, Jillian Huntley, Helen E. A. Brand, Tiina Manne, Andrew Fairbairn, James Shulmeister, Lindsey Lyle, Makiah Salinas, Mara Page, Kate Connell, Gayoung Park, Kasih Norman, Tessa Murphy, & Colin Pardoe.** 2017. "Human occupation of northern Australia by 65,000 years ago." *Nature* **547** (20 July): 306-310.
- Clarkson, Chris, Mike Smith, Ben Marwick, Richard Fullagar, Lynley A. Wallis, Patrick Faulkner, Tiina Manne, Elspeth Hayes, Richard G. Roberts, Zenobia Jacobs, Xavier Carah, Kelsey M. Lowe, Jacqueline Matthews, & S. Anna Florin.** 2015. "The archaeology, chronology and stratigraphy of Magjedbebe (Malakunanja II): A site in northern Australia with early occupation." *Journal of Human Evolution* **83** (June): 46-64.
- Clarkson, Euan, Riccardo Levi-Setti, & Gabor Horváth.** 2006. "The eyes of trilobites: The oldest preserved visual system." *Arthropod Structure & Development* **35** (December): 247-259.
- Clarkson, Frederick.** 2003. "They ban textbooks, don't they?" *Salon.com* posting reprised at *FreedomWorks* 5 November (online text at *www.freedomworks.org* accessed 4/27/2011).
- . 2012a. "Amid Horrors, Muslim 'John Hancocks' Forge Secular Sudan." *Religion Dispatches* 12 March posting (online text at *religiondispatches.org* accessed 3/13/2012).
- . 2012b. "God is My Co-Belligerent: Avatar Priests, Hijacked Theologians, and Other Figures of Right-Wing Revolt." *Religion Dispatches* 23 July posting (online text at *religiondispatches.org* accessed 7/25/2012).
- . 2016a. "When Exemption Is The Rule: The Religious Freedom Strategy of the Christian Right." *Political Research Associates* January posting (online pdf at *politicalresearch.org* accessed 1/17/2016).
- . 2016b. "Dominionism Is The New Religious Freedom." *Political Research Associates* 14 February posting (online text at *politicalresearch.org* accessed 3/5/2016).
- Clarkson, Joshua J., John R. Chambers, Edward R. Hirt, Ashley S. Otto, Frank R. Kardes, & Christopher Leone.** 2015. "The self-control consequences of political ideology." *Proceedings of the National Academy of Sciences* **112** (7 July): 8250-8253.
- Claude, Julien, Peter C. H. Pritchard, Haiyan Tong, Emmanuel Paradis, & Jean-Christophe Auffray.** 2004. "Ecological Correlates and Evolutionary Divergence in the Skull of Turtles: A Geometric Morphometric Assessment." *Systematic Biology* **53** (December): 933-948.
- Clausen, Benjamin L.** 2000. "Men of Science and Faith in God: Francis Collins (1950-)." *Geoscience Research Institute Geoscience Reports* (Winter): 8.
- . 2002. "Women of Science and Faith in God: Jane Goodall (1934-)." *Geoscience Research Institute Geoscience Reports* (Fall): 8.
- Clausen, Henrik B., Claus U. Hammer, Christine S. Hvidberg, Dorthe Dahl-Jensen, Jørgen P. Steffensen, Josef Kipfstuhl, & Michel Legrand.** 1997. "A comparison of the volcanic records over the past 4,000 years from the Greenland Ice Core Project and Dye 3 Greenland ice cores." *Journal of Geophysical Research: Oceans* (19787-2012) **102** (30 November):

- 26707-26723.
- Clausen, Sébastien, & J. Javier Álvaro.** 2006. "Skeletonized microfossils from the Lower-Middle Cambrian transition of the Cantabrian Mountains, northern Spain." *Acta Palaeontologica Polonica* **51** (2): 223-238.
- Clausen, Sébastien, Peter A. Jell, Xavier Legrain, & Andrew B. Smith.** 2009. "Pelmatozoan arms from the Middle Cambrian of Australia: bridging the gap between brachioles and brachials?" *Lethaia* **42** (September): 283-296.
- Clausen, Venus E.** 1986. "Recent Debate Over *Archaeopteryx*." *Geoscience Research Institute Origins* **13** (1): 48-55.
- Clauwenberghs, Gert.** 2013. "Reverse engineering the cognitive brain." *Proceedings of the National Academy of Sciences* **110** (24 September): 15512-15513.
- Clavel, Julien, & Hélène Morlon.** 2017. "Accelerated body size evolution during cold climatic periods in the Cenozoic." *Proceedings of the National Academy of Sciences* **114** (18 April): 4183-4188.
- Claverie, Jean-Michel, & Chantal Abergel.** 2016. "Giant viruses: The difficult breaking of multiple epistemological barriers." *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **59** (October): 89-99.
- Clavien, Christine, Colby J. Tanner, Febrice Clément, & Michel Chapuisat.** 2012. "Choosy Moral Punishers." *PLoS ONE* (online @ plosone.org) **7** (June): e39002.
- Clay, Zanna, & Frans B. M. de Waal.** 2013. "Development of socio-emotional competence in bonobos." *Proceedings of the National Academy of Sciences* **110** (5 November): 18121-18126.
- Claycomb, Julie M.** 2014. "Ancient Endo-siRNA Pathways Reveal New Tricks." *Current Biology* **24** (4 August): R703-R715.
- Claydon, J. L., S. A. Crowther, & J. D. Gilmour.** 2012. "Xenon in the anomalous eucrites Bunburra Rockhole and Ibitira." *Proceedings of the Lunar and Planetary Science Conferences* **43**: abstract 1884.
- . 2013. "The I-Pu-Xe system in anomalous and Vestian eucrites: Was Vesta unusually large?" *Proceedings of the Lunar and Planetary Science Conferences* **44**: abstract 2173.
- Clayton, Joshua W., Pamela S. Soltis, & Douglas E. Soltis.** 2009. "Recent Long-Distance Dispersal Overshadows Ancient Biogeographical Patterns in a Pantropical Angiosperm Family (Simaroubaceae, Sapindales)." *Systematic Biology* **58** (August): 395-410.
- Clayton, Nicola S., Joanna M. Dally, & Nathan J. Emery.** 2007. "Social cognition by food-caching Corvids: The western scrub-jay as a natural psychologist." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **362** (April): 507-522.
- Clayton, Philip, & Zachary Simpson,** eds. 2006. *The Oxford Handbook of Religion and Science*. Oxford: Oxford University Press.
- Clayton, Robert N.** 1999. "Primordial Water." *Science* **285** (27 August): 1364-1365.
- Clayton, Robert N., & Toshiko K. Mayeda.** 1996. "Oxygen-isotope studies of achondrites." *Geochimica et Cosmochimica Acta* **60** (June): 1999-2018.
- Cleary, Paul P., & Allan Campbell.** 1972. "Deletion and Complementation Analysis of the Biotin Gene Cluster of *Escherichia coli*." *Journal of Bacteriology* **112** (November, No. 2): 830-839.
- Cleaves, Henderson James II.** 2003. "The Prebiotic Synthesis of Acrolein." *Monatshefte für Chemie* (Austria) **134** (March): 585-593.
- . 2008. "The Prebiotic geochemistry of formaldehyde." *Precambrian Research* **164** (30 July): 3-4.
- . 2010. "The origin of the biologically coded amino acids." *Journal of Theoretical Biology* **263** (21 April): 490-498.
- . 2012a. "Prebiotic Chemistry: What We Know, What We Don't." *Evolution: Education & Outreach* **5** (September): 342-360.
- . 2012b. "The Origin of Life: What We Do and Don't Know." *Blue Marble Space Institute for Science* lecture posting (online pdf at hea-www.cfa.harvard.edu accessed 1/14/2014).

- Cleaves, H. James, John H. Chalmers, Antonio Lazcano, Stanley L. Miller, & Jeffrey L. Bada.** 2008. "A Reassessment of Prebiotic Organic Synthesis in Neutral Planetary Atmospheres." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **38** (April): 105-115.
- Cleaves, H. James, & Stanley L. Miller.** 1998. "Oceanic protection of prebiotic organic compounds from UV radiation." *Proceedings of the National Academy of Sciences* **95** (23 June): 7260-7263.
- . 2001. "The Nicotinamide Biosynthetic Pathway Is a By-Product of the RNA World." *Journal of Molecular Evolution* **52** (January): 73-77.
- Cleaves, H. James II, Andrew Michalkova Scott, Francis C. Hill, Jerzy Leszczynski, Nita Sahai, & Robert Hazen.** 2012. "Mineral-organic interfacial processes: potential roles in the origins of life." *Chemical Society Reviews* **41** (6): 5502-5525.
- Cleaves, H. James II, Catherine Neish, Michael P. Callahan, Eric Parker, Facundo M. Fernández, & Jason P. Dworkin.** 2014. "Amino acids generated from hydrated Titan tholins: Comparison with Miller-Urey electric discharge products." *Icarus* **237** (15 July): 182-189.
- Clee, Paul.** 2005. *Before Hollywood: From Shadow Play to the Silver Screen*. New York: Clarion Books.
- Cleeremans, Axel.** 2011. "The radical plasticity thesis: how the brain learns to be conscious." *Frontiers in Psychology* (online @ frontiersin.org) **2** (9 May): 86.
- Clegg, Benjamin F., Ryan Kelly, Gina H. Clarke, Ian R. Walker, & Feng Sheng Hu.** 2011. "Nonlinear response of summer temperature to Holocene insolation forcing in Alaska." *Proceedings of the National Academy of Sciences* **108** (29 November): 19299-19304.
- Clegg, Michael T., Michael P. Cummings, & Mary L. Durbin.** 1997. "The evolution of plant nuclear genes." *Proceedings of the National Academy of Sciences* **94** (22 July): 7791-7798.
- Clegg, Michael T., Brandon S. Gaut, Gerald H. Learn Jr., & Brian R. Morton.** 1994. "Rates and patterns of chloroplast DNA evolution." *Proceedings of the National Academy of Sciences* **91** (19 July): 6795-6801.
- Clegg, Sonya M., Sandie M. Degnan, Jiro Kikkawa, Craig Moritz, Arnaud Estoup, & Ian P. F. Owens.** 2002. "Genetic consequences of sequential founder events by an isolated-colonizing bird." *Proceedings of the National Academy of Sciences* **99** (11 June): 8127-8132.
- Cleland, Carol E.** 2001. "Historical science, experimental science, and the scientific method." *Geology* **29** (November): 987-990.
- Cleland, Carol E., & Christopher F. Chyba.** 2002. "Defining 'Life'." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (August): 387-393.
- Cleland, Timothy P., Elena R. Schroeter, Leonid Zamdborg, Wenxia Zheng, Ji Eun Lee, John C. Tran, Marshall Bern, Michael B. Duncan, Valerie S. Lebleu, Dorothy R. Ahlf, Paul M. Thomas, Raghu Kalluri, Neil L. Kelleher, & Mary H. Schweitzer.** 2015. "Mass Spectrometry and Antibody-Based Characterizations of Blood Vessels from *Brachylophosaurus canadensis*." *Journal of Proteome Research* **14** (December): 5252-5262.
- Clemens, Jan, Olaf Kutzki, Bernhard Ronacher, Susanne Schreiber, & Sandra Wohlgemuth.** 2011. "Efficient transformation of an auditory population code in a small sensory system." *Proceedings of the National Academy of Sciences* **108** (16 August): 13812-13817.
- Clement, Alice M.** 2009. "A new genus of lungfish from the Givetian (Middle Devonian) of central Australia." *Acta Palaeontologica Polonica* **54** (4): 615-626.
- Clement, Alice M., & John A. Long.** 2010. "Air-breathing adaptation in a marine Devonian lungfish." *Royal Society Biology Letters* **6** (August): 509-512.
- Clement, A. M., J. A. Long, P. Tafforeau, & P. E. Ahlberg.** 2016. "The dipnoan buccal pump reconstructed in 3D and implications for air breathing in Devonian lungfishes." *Paleobiology* **42** (Spring): 289-304.
- Clement, Amy C., Robert Burgman, & Joel R. Norris.** 2009. "Observational and Model Evidence for Positive Low-Level Cloud Feedback." *Science* **325** (24 July): 460-464.

- Clément, Gaël, Per E. Ahlberg, Alain Blicek, Henning Blom, Jennifer A. Clack, Edouard Poty, Jacques Thorez, & Philippe Janvier.** 2004. “Devonian tetrapod from western Europe.” *Nature* **427** (29 January): 412-413.
- Clement, Wendy L., Mark C. Tebbitt, Laura L. Forrest, Jaime E. Blair, Luc Brouillet, Torsten Eriksson, & Susan M. Swensen.** 2004. “Phylogenetic position and biogeography of *Hillebrandia sandwicensis* (Begoniaceae): a rare Hawaiian relict.” *American Journal of Botany* **91** (June): 905-917.
- Clements, Abigail, Dejan Bursac, Xenia Gatsos, Andrew J. Perry, Srgjan Civciristov, Nermin Celik, Vladimir A. Likic, Sebastian Poggio, Christine Jacobs-Wagner, Richard A. Strugnell, & Trevor Lithgow.** 2009. “The reducible complexity of a mitochondrial molecular machine.” *Proceedings of the National Academy of Sciences* **106** (15 September): 15791-15795.
- Clements, Thomas, Andrei Dolocan, Peter Martin, Mark A. Purnell, Jakob Vinther, & Sarah E. Gabbott.** 2016. “The eyes of *Tullimonstrum* reveal a vertebrate affinity.” *Nature* **532** (28 April): 500-503.
- Clementson, Sidney P.** 1970. “A Critical Examination of Radioactive Dating of Rocks.” *Creation Research Society Quarterly* **7** (December): 137-141.
- Clemmey, Harry, & Nick Badham.** 1982. “Oxygen in the Precambrian atmosphere: An evaluation of the geological evidence.” *Geology* **10** (March): 141-146.
- Clemons, Deirdre G.** 2017a. Collier County, Florida 9 February affidavit 1. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- . 2017b. Collier County, Florida 9 February affidavit 2. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- . 2017c. Collier County, Florida 9 February affidavit 3. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- . 2017d. Collier County, Florida 9 February affidavit 4. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- . 2017e. Collier County, Florida 9 February affidavit 5. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Clemons, K. M., & D. P. Moecher.** 2009. “Reinterpretation of the Greenbrier fault, Great Smoky Mountains: New petrofabric constraints and implications for southern Appalachian tectonics.” *The Geological Society of America GSA Bulletin* **121** (June): 1108-1122.
- Clemons, Paul A., Nicole E. Bodycombe, Hyman A. Carrinski, J. Anthony Wilson, Alykhan F. Shamji, Bridget K. Wagner, Angela N. Koehler, & Stuart L. Shreiber.** 2010. “Small molecules of different origins have distinct distributions of structural complexity that correlate with protein-binding profiles.” *Proceedings of the National Academy of Sciences* **107** (2 November): 18787-18792.
- Clenet, Harold, Martin Jutzi, Jean-Alix Barrat, Erik L. Asphaug, Willy Benz, & Philippe Gillet.** 2014. “A deep crust-mantle boundary in the asteroid 4 Vesta.” *Nature* **511** (17 July): 303-306.
- Clerkin, Ben, & Fiona Macrae.** 2006. “Men are more intelligent than women, claims new study.” *Daily Mail Mail Online* posting 14 September: online text accessed 2/17/2009 (dailymail.co.uk).
- Cléry, Antoine, Rahul Sinha, Olga Anczuków, Anna Corriero, Ahmed Moursy, Gerrit M. Daubner, Juan Valcárcel, Adrian R. Krainer, & Frédéric H.-T. Allain.** 2013. “Isolated pseudo-RNA-recognition motifs of SR proteins can regulate splicing using a noncanonical mode of RNA recognition.” *Proceedings of the National Academy of Sciences* **110** (23 July): E2802-E2811.
- Clery, Daniel.** 2008. “Misjudged Talk Opens Creationist Rift at Royal Society.” *Science* **321** (26 September): 1752-1753.
- . 2011. “Which Way to the Island?” *Science* **333** (9 September): 1377-1379.
- . 2012. “What’s the Source of the Most Energetic Cosmic Rays?” *Science* **336** (1 June): 1096-1097.
- . 2013. “Impact Theory Gets Whacked.” *Science* **342** (11 October): 183-185.

- . 2016a. “Astronomers see ashes of the first stars.” *Science* **351** (15 January): 211.
- . 2016b. “The exoplanet next door.” *Science* **353** (26 August): 857.
- . 2017. “Potential building block of life found in very young star system.” *Science* posting 8 June (online text at sciencemag.org accessed 6/9/2017).
- Clery, Daniel, & David Bradley.** 1994. “Underhanded ‘Breakthrough’ Revealed.” *Science* **265** (1 July): 21.
- Clery, David.** 2015. “Web billionaire bankrolls search for alien signals.” *Science* **349** (24 July): 357-358.
- Cleto, Cynthia L., Amanda E. Vandenberghe, Darren W. MacLean, Pierre Pannunzio, Christine Tortorelli, Thomas H. Meedek, Yutaka Satou, Nori Satoh, & Kenneth E. M. Hastings.** 2003. “Ascidian Larva Reveals Ancient Origin of Vertebrate-Skeletal-Muscle Troponin I Characteristics in Chordate Locomotory Muscle.” *Molecular Biology and Evolution* **20** (December): 2113-2122.
- Cleveland, L. R., & A. V. Grimstone.** 1964. “The fine structure of the flagellate *Mixotricha paradoxa* and its associated micro-organisms.” *Proceedings of the Royal Society of London B* (Biological Sciences) **159** (17 March): 668-686.
- Cleves, Phillip A., Nicholas A. Ellis, Monica T. Jimenez, Stephanie M. Nunez, Dolph Schluter, David M. Kingsley, & Craig T. Miller.** 2014. “Evolved tooth gain in sticklebacks is associated with a *cis*-regulatory allele of *Bmp6*.” *Proceedings of the National Academy of Sciences* **111** (23 September): 13912-13917.
- Clifford, H. Trevor, Mary E. Dettmann, & Scott A. Hocknull.** 2015. “Numerical analysis of the inter-relationships of some extinct and extant taxa of Araucariaceae.” *Memoirs of the Queensland Museum - Nature* **59** (20 February): 27-38.
- Clifford, William K.** 1877. “The Ethics of Belief.” *Contemporary Review* article reprinted in 1886 in posthumous *Lectures and Essays* collection (online text at people.brandeis.edu accessed 4/16/2011).
- Clifton, Allen.** 2014a. “A Creationist Decided to Answer My 10 Questions and the Results are Hilarious.” *Forward Progressives* 27 March posting (online text at www.forwardprogressives.com accessed 8/17/2014).
- . 2014b. “Ted Cruz Embarrassingly Whines About Fact Checking Site That Constantly Exposes His Lies.” *Forward Progressives* 15 September posting (online text at www.forwardprogressives.com accessed 3/3/2015).
- Climate & Capitalism.* 2010. “Mark Twain: Misusing numbers.” *Climate & Capitalism* posting 1 September (online text at climateandcapitalism.com accessed 6/11/2014).
- Climate Central (Emily Elert, & Michael D. Lemonick).** 2012. *Global Weirdness: Severe Storms, Deadly Heat Waves, Relentless Drought, Rising Seas, and the Weather of the Future*. New York: Pantheon Books.
- Climate Feedback.* 2015. “Analysis of ‘Updated NASA Data: Global Warming Not Causing Any Polar Ice Retreat’.” *Climate Feedback* 29 October posting (online text at climatefeedback.org accessed 5/27/2017).
- Climate Progress.* 2010. “Half the 2010 GOP freshman class are climate science deniers.” *Climate Progress* posting 4 November (online text at climateprogress.org accessed 11/13/2010).
- . 2011. “Oklahoma Lawmaker Sally Kern proposes bill that forces teachers to question evolution, climate science.” *Climate Progress* posting 29 January (online text at climateprogress.org accessed 2/16/2011).
- Climate Realist.* 2017. “About our Contributors.” *Climate Realist* undated posting (online text at climateréalists.com accessed 7/3/2017).
- Climate Science Watch.* 2013. “Federal Arctic scientist Charles Monnett vindicated in whistleblower case against Obama administration.” *Climate Science Watch* posting 6 December (online text at www.climatesciencewatch.org accessed 6/7/2014).
- Climer, Phillip.** 1999. “Archaeology and the Bible.” *The Trinity Review* (April): 1-7.
- Cline, Austin.** 2003. “Ten Commandments: Foundation of Ohio’s Government?” *Atheism* **23** September posting (online text at www.atheism.about.com accessed 3/6/2014).

- . 2006. “Gay Rights vs. Religious Freedom.” *Atheism* 8 November posting (online text at www.atheism.about.com accessed 4/13/2014).
- . 2014a. “Patrick Henry: Bill Establishing A Provision for Teachers of Christian Religion.” *Atheism* undated posting (online text at www.atheism.about.com accessed 4/25/2014).
- . 2014b. “Damasus I.” *Atheism* undated posting (online text at www.atheism.about.com accessed 10/25/2014).
- Cline, David B.** 2003. “The Search for Dark Matter.” *Scientific American* **288** (March): 50-55, 58-59.
- . 2005. “On the physical origin of the homochirality of life.” *European Review* **13** (Supp. No. 2): 49-59.
- . 2010. “Possible Physical Mechanisms in the Galaxy to Cause Homochiral Biomaterials for Life.” *Symmetry* **2** (3): 1450-1460.
- Cline, Eric H.** 2000. *The Battles of Armageddon: Megiddo and the Jezreel Valley from the Bronze Age to the Nuclear Age*. Ann Arbor, MI: The University of Michigan Press.
- . 2015. Review of *Göbekli Tepe: Genesis of the Gods*. *American Antiquity* **80** (July): 620-621.
- Clines, Francis X.** 2002a. “In Ohio School Hearing, a New Theory Will Seek a Place Alongside Evolution.” *New York Times* (11 February) *Access Research Network* posting (online text at www.arn.org accessed 2/26/2002).
- . 2002b. “Ohio Board Hears Debate on an Alternative to Darwinism.” *New York Times* (12 March) archive posting (online text at genesis1.phys.cwru.edu/~krauss/ accessed 11/12/2002).
- Clinkert, Robert J.** 1978. “Language competency, dyslexia, and learning disability.” *Bulletin of the Orton Society* **28** (1): 208-216.
- . 1987. “Moses vs. Evolution.” *Creation Social Science & Humanities Quarterly Journal* **10** (1): 30.
- . 2011. *The Last Heresy: The Gospel of Gay Persecution*. Seattle, WA: CreateSpace (Amazon.com).
- Clites, Erica C., Mary L. Droser, & James G. Gehling.** 2012. “The advent of hard-part structural support among the Ediacara biota: Ediacaran harbinger of a Cambrian mode of body construction.” *Geology* **40** (April): 307-310.
- Clomborowska, Joanna, Wojciech Rosikiewicz, Damian Szklarczyk, Wojciech Makalowski, & Izabela Makalowska.** 2013. “‘Orphan’ Retrogenes in the Human Genome.” *Molecular Biology and Evolution* **30** (February): 384-396.
- Close, David A., Sang-Seon Yun, Stephen D. McCormick, Andrew J. Wildbill, & Weiming Li.** 2010. “11-Deoxycortisol is a corticosteroid hormone in the lamprey.” *Proceedings of the National Academy of Sciences* **107** (3 August): 13942-13947.
- Close, Frank.** 1991. *Too Hot to Handle: The Race for Cold Fusion*. Princeton, NJ: Princeton University Press.
- . 2000. *Lucifer’s Legacy: the meaning of asymmetry*. Oxford: Oxford University Press.
- . 2010. *Neutrino*. Oxford: Oxford University Press.
- Close, Roger A., Brian M. Davis, Stig Walsh, Andrzej S. Wolniewicz, Matt Friedman, & Roger B. J. Benson.** 2016. “A lower jaw of *Palaeoxonodon* from the Middle Jurassic of the Isle of Skye, Scotland, sheds new light on the diversity of British stem therians.” *Palaeontology* **59** (January): 155-169.
- Clottes, Jean.** 1995. “Rhinos and Lions and Bears (Oh, My!).” *Natural History* **104** (May): 30-35.
- . 2001. “France’s Magical Cave Art.” *National Geographic* **200** (August): 104-121.
- Clottes, Jean, & Jean, Courtin.** 1993. “Neptune’s Ice Age Gallery.” *Natural History* **102** (April): 64-71.
- Cloud, David.** 2011. “No Scientifically Proven Evidence for Evolution.” *Way of Life* 25 January posting (online text at www.wayoflife.org accessed 8/10/2012).
- . 2012. “Eugenics and Darwin.” *Way of Life* 15 March posting (online text at www.wayoflife.org accessed 8/10/2012).

- Cloud, Preston.** 1972. "A working model of the primitive Earth." *American Journal of Science* **272** (June): 537-548.
- Cloud, Preston E. Jr., & Hannelore Hagen.** 1965. "Electron microscopy of the Gunflint microflora: Preliminary results." *Proceedings of the National Academy of Sciences* **54** (15 July): 1-8.
- Cloutis, Edward A., Richard P. Binzel, & Michael J. Gaffey.** 2014. "Establishing asteroid-meteorite links." *Elements* **10** (February): 25-30.
- Clouzet, Ron E. M., Stephen Bauer, Jack J. Blanco, Norman R. Gulley, Michael G. Hasel, Douglas Jacobs, Greg A. King, Judson Lake, Donn W. Leatherman, Carlos G. Martin, Edwin Reynolds, Phillip G. Samaan, & Douglas A. Tilstra.** 2004. "Faculty Statement on Creation: A Reaffirmation of Creation." Southern Adventist University *School of Religion* 8 September posting (online text at www.southern.edu accessed 1/1/2014).
- Clube, S. Victor M., & William M. Napier.** 1982. *The Cosmic Serpent*. London: Faber & Faber.
- . 1984. "Velikovskians in Collision." Reprint of *Quadrant* (Australia) article **28** (January/February): 33-34 in *Kronos* **9** (Summer 1984): 44-49.
- Clune, Jeff, Robert T. Pennock, Charles Ofria, & Richard E. Lenski.** 2012. "Ontogeny Tends to Recapitulate Phylogeny in Digital Organisms." *The American Naturalist* **180** (September E-Article): E54-E63.
- Clusella-Trullas, Susana, & Steven L. Chown.** 2011. "Comment on 'Erosion of Lizard Diversity by Climate Change and Altered Thermal Niches'." *Science* **332** (29 April): 537.
- Clutton-Brock, T. H., & G. A. Parker.** 1995. "Punishment in animal societies." *Nature* **373** (19 January): 209-216.
- Clyde, William C., Intizar H. Khan, & Philip D. Gingerich.** 2003. "Stratigraphic response and mammalian dispersal during initial India-Asia collision: Evidence from the Ghazij Formation, Balochistan, Pakistan." *Geology* **31** (December): 1097-1100.
- Clyne, Michael A., David W. Ramsey, & Edward W. Wolfe.** 2005. "Pre-1980 Eruptive History of Mount St. Helens, Washington." *United States Geological Survey* posting (online pdf at pubs.usgs.gov accessed 6/2/2015).
- CMI.** 1994. "Petrified waterwheel." *Creation Ministries International* 25 March posting (online text at creation.com accessed 10/15/2016).
- . 1997a. "Addressing a deeply dishonest campaign." *Creation Ministries International* 29 December posting (online pdf at creation.com accessed 12/22/2011).
- . 1997b. "Australian Court Case: 'Noah's Ark Site' Chronology." *Creation Ministries International* 29 December posting (online text at creation.com accessed 12/22/2011).
- . 1997c. "Court Case Plimer/Fasold vs Roberts/Ark Search." *Creation Ministries International* 29 December posting (online text at creation.com accessed 12/22/2011).
- . 1997d. "Ian Plimer's Bloopers (a selection)." *Creation Ministries International* 29 December posting (online text at creation.com accessed 12/22/2011).
- . 1997e. "Our point-by-point rebuttal of Plimer's Book." *Creation Ministries International* 29 December posting (online pdf at creation.com accessed 1/5/2012).
- . 1997f. "Plimer-Roberts Court Case: Media Mendacity." *Creation Ministries International* 29 December posting (online text at creation.com accessed 12/22/2011).
- . 1997g. "Prominent inquiry committee concludes Plimer allegations baseless and unsupported by the facts." *Creation Ministries International* 29 December posting (online text at creation.com accessed 12/22/2011).
- . 1998a. "The Main Points about the 'Noah's Ark Trial' and Ian Plimer." *Creation Ministries International* 7 February posting (online text at creation.com accessed 12/22/2011).
- . 1998b. "Australian Court Case: Appeal Denied." *Creation Ministries International* 27 February posting (online text at creation.com accessed 12/22/2011).
- . 1998c. "Plimer the Perjurer?" *Creation Ministries International* 4 May posting (online text at creation.com accessed 12/22/2011).
- . 1998d. "Plimer's last hoped dashed." *Creation Ministries International* 25 June posting

- (online text at *creation.com* accessed 12/22/2011).
- . 1998e. “The Plimer/Roberts verdict.” *Creation Ministries International* posting (online text at *creation.com* accessed 12/22/2011).
- . 2003. “Unleashing the storm.” *Creation Ministries International* 31 January updated posting (online text at *creation.com* accessed 5/28/2009).
- . 2009. “What we are.” *Creation Ministries International* undated posting (online text at *creation.com* accessed 6/16/2015).
- . 2010. “Re: John Mackay.” *Creation Ministries International* May updated posting (online text at *creation.com* accessed 5/19/2015).
- . 2011a. “Question evolution!” *Creation Ministries International* pamphlet (online pdf at *creation.com* accessed 5/6/2011).
- . 2011b. “Responses to our 15 Questions: part 1.” *Creation Ministries International* “Question evolution! campaign” 7 September posting (online text at *creation.com* accessed 5/3/2015).
- . 2011c. “Responses to our 15 Questions: part 2.” *Creation Ministries International* “Question evolution! campaign” 14 September posting (online text at *creation.com* accessed 5/3/2015).
- . 2011d. “Responses to our 15 Questions: part 3.” *Creation Ministries International* “Question evolution! campaign” 22 September posting (online text at *creation.com* accessed 5/3/2015).
- . 2014a. “Shelly scam?” *Creation Ministries International* 28 February updated posting to 2002 David Catchpoole article (online text at *creation.com* accessed 3/17/2015).
- . 2014b. “Chinese Characters and Genesis.” *Creation Ministries International* undated posting (online text at *creation.com* accessed 6/8/2014).
- . 2014c. “Some scientists alive today* who accept the biblical account of creation.” *Creation Ministries International* undated posting (online text at *creation.com* accessed 6/8/2016).
- . 2015. “Donald Chittick, Ph.D.” *Creation Ministries International* undated posting (online text at *creation.com* accessed 6/6/2015).
- . 2016. “Wrong radiometric dates, and why they matter.” *Creation Ministries International* 16 July posting (online text at *creation.com* accessed 8/1/2016).
- The CMS, & LHCb collaboration.** 2015. “Observation of the rare $B^0_s \rightarrow \mu^+ \mu^-$.” *Nature* **522** (4 June): 68-72.
- CNN.** 2000. “Hackers Shut Down Several Internet Sites; Bush Wins Delaware Primary; McCain and Bush Exchanging Attacks in South Carolina.” *CNN Newstand* transcript posting of 8 February broadcast (online text at *www.cnn.com* accessed 6/5/2001, not available as of 1/18/2014).
- . 2001. “ID Featured on CNN: Transcript and Questions.” *Access Research Network* 3 May interview transcript posting (online text at *www.arn.org* accessed 3/23/2004).
- . 2002. “Are Christian Conservatives Using New Law to Sneak Creationism into Science Class?” *CNN Crossfire* transcript posting of 29 May broadcast (online text at *www.cnn.com* accessed 6/14/2002, not available as of 1/18/2014).
- . 2005. “College course seeks to debunk intelligent design.” *CNN* posting 22 November (online text at *cnn.worldnews.printthis.clickability.com* accessed 12/12/2005, not available as of 4/8/2014).
- . 2011. “Who is the suspect in the Norway attacks?” *CNN* staff posting 23 July (online text at *articles.cnn.com* accessed 8/4/2011).
- . 2012. “.Death, destruction in Pakistan amid protests tied to anti-Islam film” *CNN* staff posting 21 September (online text at *cnn.com* accessed 3/12/2015).
- Coale, Ansley J.** 1974. “The History of the Human Population.” *Scientific American* **231** (September): 40-51.
- Coalition of Scientific Societies.** 2008. “Evolution and Its Discontents: A Role for Scientists in Science Education.” Federation of American Societies for Experimental Biology *The FASEB Journal* **22** (January): 1-14.
- Coate, Ian.** 2015. “Defending Christianity.” *Free Christian Illustrations* undated posting (online

- text at www.freechristianillustrations.com accessed 5/9/2016).
- Coate, Jeremy E., Jessica A. Schlueter, Adam M. Whaley, & Jeff J. Doyle.** 2011. "Comparative Evolution of Photosynthetic Genes in Response to Polyploid and Nonpolyploid Duplication." *Plant Physiology* **155** (April): 2081-2095.
- Coates, J., H. Crookshank, E. R. Gee, P. K. Ghosh, E. Lehner, & E. S. Pinfold.** 1945. "Age of the Saline Series in the Punjab Salt Range." *Nature* **155** (3 March): 266-267.
- Coates, John M.** 2009. "Reply to Millet: Digit ratios and high frequency trading." *Proceedings of the National Academy of Sciences* **106** (17 March): E31.
- Coates, John M., Mark Gurnell, & Aldo Rustichini.** 2009. "Second-to-fourth digit ratio predicts success among high-frequency financial traders." *Proceedings of the National Academy of Sciences* **106** (15 January): 623-628.
- Coates, Michael I.** 2008. "Are five fingers essential?" in Benton (2008a, 131-133).
- . 2009. "Beyond the Age of Fishes." *Nature* **458** (26 March): 413-414.
- Coates, M. I., & J. A. Clack.** 1991. "Fish-like gills and breathing in the earliest known tetrapod." *Nature* **352** (18 July): 234-236.
- Coates, Michael I., & Martin J. Cohn.** 1998. "Fins, limbs, and tails: outgrowths and axial patterning in vertebrate evolution." *BioEssays* **20** (May): 371-381.
- Coates, Michael I., Robert W. Gess, John A. Finarelli, Katharine E. Criswell, & Kristen Tietjen.** 2017. "A symmoriiform chondrichthyan braincase and the origin of chimaeroid fishes." *Nature* **541** (12 January): 208-211.
- Coates, Michael I., Jonathan E. Jeffery, & Marcello Ruta.** 2002. "Fins to limbs: what the fossils say." *Evolution & Development* **4** (September-October): 390-401.
- Coates, Michael, & Marcello Ruta.** 2000. "Nice snake, shame about the legs." *Trends in Ecology & Evolution* **15** (December): 503-507.
- Coates, Michael I., Marcello Ruta, & Matt Friedman.** 2008. "Ever Since Owen: Changing Perspectives on the Early Evolution of Tetrapods." *Annual Review of Ecology, Evolution and Systematics* **39**: 571-592.
- Coates, Michael I., Neil H. Shubin, & Edward B. Daeschler.** 2004. "Response to Comment on 'The Early Evolution of the Tetrapod Humerus.'" *Science* **305** (17 September): 1715.
- Coates, Thomas J., & Chris Collins.** 1998. "Preventing HIV Infection." *Scientific American* **279** (July): 96-97.
- Cobb, Kim M., Niko Westphal, Hussein R. Sayani, Jordan T. Watson, Emanuele Di Lorenzo, H. Cheng, R. L. Edwards, & Christopher D. Charles.** 2013. "Highly Variable El Niño-Southern Oscillation Throughout the Holocene." *Science* **339** (4 January): 67-70.
- Cobb, Matthew.** 2011. "Eyes from the deep past." *Why Evolution Is True* posting 29 June (online text at whyevolutionistrue.wordpress.com accessed 7/1/2011).
- . 2012. "Speciation observed--again." *Why Evolution Is True* posting 19 October (online text at whyevolutionistrue.wordpress.com accessed 11/14/2015).
- . 2015a. "Warwick students rescind ban on Maryam Namazie." *Why Evolution Is True* posting 27 September (online text at whyevolutionistrue.wordpress.com accessed 9/30/2015).
- . 2015b. "Neanderthal genes are everywhere." *Why Evolution Is True* posting 13 October (online text at whyevolutionistrue.wordpress.com accessed 10/14/2015).
- . 2015c. "Why we should be excited by 100,000 year old human teeth from China." *Why Evolution Is True* posting 15 October (online text at whyevolutionistrue.wordpress.com accessed 10/17/2015).
- . 2015d. "Was Darwin lactose intolerant?" *Why Evolution Is True* posting 19 October (online text at whyevolutionistrue.wordpress.com accessed 10/19/2015).
- . 2015e. "DNA: optimised source code?" *Why Evolution Is True* posting 18 November (online text at whyevolutionistrue.wordpress.com accessed 11/24/2015).
- . 2015f. "Strepsiptera—the weirdest insects?" *Why Evolution Is True* posting 2 December (online text at whyevolutionistrue.wordpress.com accessed 12/2/2015).
- . 2015g. "Darwin's primate tree." *Why Evolution Is True* posting 3 December (online text at whyevolutionistrue.wordpress.com accessed 12/3/2015).

- . 2015h. “Orangutan watches a magic trick.” *Why Evolution Is True* posting 9 December (online text at whyevolutionistrue.wordpress.com accessed 12/9/2015).
- . 2015i. “Crow he went a-fishing.” *Why Evolution Is True* posting 10 December (online text at whyevolutionistrue.wordpress.com accessed 12/10/2015).
- . 2016. “A Speculative History of DNA: What If Oswald Avery Had Died in 1934?” *PLoS Biology* (online @ plosbiology.org) **14** (December): e2001197.
- Cobb, Samuel N.** 2008. “The facial skeleton of the chimpanzee-human last common ancestor.” *Journal of Anatomy* **212** (April): 469-485.
- Cobbett, Andrea, Mark Wilkinson, & Matthew A. Wills.** 2007. “Fossils Impact as Hard as Living Taxa in Parsimony Analyses of Morphology.” *Systematic Biology* **56** (October): 753-756.
- Coberly, Linda T., Michael D. Bess, William P. Ferranti, Steffen N. Johnson, Gene C. Schaerr, Elizabeth P. Papez, Andrew C. Nichols, Marco Rubio, Lamar Alexander, John Barrasso, Roy Blunt, John Boozman, Richard Burr, Saxby Chambliss, Jeff Chiesa, Dan Coats, Bob Corker, John Cornyn, Mike Crapo, Ted Cruz, Mike Enzi, Deb Fischer, Lindsey Graham, Orrin Hatch, John Hoeven, Jim Inhofe, Johnny Isakson, Mike Johanns, Ron Johnson, Mary Landrieu, Mike Lee, Mitch McConnell, Jerry Moran, Bob Portman, Jim Risch, Pat Roberts, Tim Scott, John Thune, Pat Toomy, David Vitter, & Roger Wicker.** 2013. Brief *Amicus Curiae* for United States Senators (August) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).
- Cobern, William W.** 1994. “Point: Belief, Understanding, and the Teaching of Evolution.” *Journal of Research in Science Teaching* **31** (May): 583-590.
- Coble, Matthew A., & Gail A. Mahood.** 2012. “Initial impingement of the Yellowstone plume located by widespread silicic volcanism contemporaneous with Columbia River flood basalts.” *Geology* **40** (July): 655-658.
- Cochran, Gregory, & Paul E. Ewald.** 1999. “High-Risk Defenses.” *Natural History* **108** (February): 40-43.
- Cochran, Gregory, & Henry Harpending.** 2009. *The 10,000 Year Explosion: How Civilization Accelerated Human Evolution*. New York: Basic Books (Perseus Books).
- Cochran, Susan D., & Vickie M. Mays.** 2011. “Sexual Orientation and Mortality Among US Men Aged 17 to 59 Years: Results From the National Health and Nutrition Examination Survey III.” *American Journal of Public Health* **101** (June): 1133-1138.
- Cochrane, Jesse C., & Scott A. Strobel.** 2008. “Riboswitch effectors as protein enzyme cofactors.” *RNA* **14** (June): 993-1002.
- Cock, J. Mark, Lieven Sterck, Pierre Rouzé, Delphine Scornet, Andrew E. Allen, Grigoris Amoutzias, Veronique Anthouard, François Artiguenave, Jean-Marc Aury, Jonathan H. Badger, Bank Beszteri, Kenny Billiau, Eric Bonnet, John H. Bothwell, Chris Bowler, Catherine Boyen, Colin Brownlee, Carl J. Carrano, Bénédicte Charrier, Ga Youn Cho, Susana M. Coelho, Jonas Collén, Erwan Corre, Corinne Da Silva, Ludovic Delage, Nicolas Delaroque, Simon M. Dittami, Sylvie Doulbeau, Marek Elias, Garry Farnham, Claire M. M. Gachon, Bernard Gschloessl, Svenja Heesch, Kamel Jabbari, Claire Jubin, Hiroshi Kawai, Kei Kimura, Bernard Kloareg, Frithjof C. Küpper, Daniel Lang, Aude Le Bail, Catherine Leblanc, Patrice Lerouge, Martin Lohr, Pascal J. Lopez, Cindy Martens, Florian Maumus, Gurvan Michel, Diego Miranda-Saavedra, Julia Morales, Hervé Moreau, Taizo Motomura, Chikako Nagasato, Carolyn A. Napoli, David R. Nelson, Pi Nyvall-Collén, Akira F. Peters, Cyril Pommier, Philippe Potin, Julie Poulain, Hadi Quesneville, Betsy Read, Stefan A. Rensing, Andrés Ritter, Sylvie Rousvoal, Manoj Samanta, Gaele Samson, Declan C. Schroeder, Béatrice Ségurens, Martina Strittmatter, Thierry Tonon, James W. Tregear, Klaus Valentin, Peter von Dassow, Takahiro Yamagishi, Yves Van de Peer, & Patrick Wincker.** 2010. “The *Ectocarpus* genome and the independent evolution of multicellularity in brown algae.” *Nature* **465** (3 June): 617-621.
- Cockburn, Alexander.** 2007. “Sources and Authorities: Dissidents Against Dogma.” *Origins* posting of counterpunch.org article (online pdf at www.alcazar.net accessed 6/15/2011).

- Cockburn, Andrew.** 2010. “Oh sibling, who art thou?” *Nature* **466** (19 August): 930-931.
- Cocke, W. J., & W. G. Tifft.** 1991. “Statistical procedure and the significance of periodicities in double-galaxy redshifts.” *The Astrophysical Journal Part I* **368** (20 February): 383-389.
- Cockell, Charles S.** 2006. “The origin and emergence of life under impact bombardment.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1845-1856.
- . 2008. “How deep can life live under ice and rock?” in Benton (2008a, 151-153).
- Cocroft, R. B., & H. M. Appel.** 2013. “Comments on ‘greensymphonies’.” *Behavioral Ecology* **24** (July-August): 800.
- Codd, Jonathan R., Phillip L. Manning, Mark A. Norell, & Steven F. Perry.** 2008. “Avian-like breathing mechanics in maniraptoran dinosaurs.” *Proceedings of the Royal Society of London B* (Biological Sciences) **275** (22 January): 157-161.
- Codding, Brian F., & Terry L. Jones.** 2013. “Environmental productivity predicts migration, demographic, and linguistic patterns in prehistoric California.” *Proceedings of the National Academy of Sciences* **110** (3 September): 14569-14573.
- Coddington, Jonathan A.** 1988. “Cladistic tests of adaptational hypotheses.” *Cladistics* **4** (March): 3-22.
- Coddington, Jonathan A., Gonzalo Giribet, Mark S. Harvey, Lorenzo Prendini, & David E. Walter.** 2004. “Arachnida,” in Cracraft & Donoghue (2004, 296-318).
- Codevilla, Angelo M.** 2010. “America’s Ruling Class—And the Perils of Revolution.” *The American Spectator* (July-August): online text accessed 8/13/2012 (*spectator.org*).
- Codispotl, Louis A.** 2010. “Interesting Times for Marine N₂O.” *Science* **327** (12 March): 1339-1340.
- Codron, Daryl, Chris Carbone, Dennis W. H. Müller, & Marcus Clauss.** 2012. “Ontogenetic niche shifts in dinosaurs influenced size, diversity and extinction in terrestrial vertebrates.” *Royal Society Biology Letters* **8** (August): 620-623.
- Cody, George D.** 2005. “Geochemical Connections to Primitive Metabolism.” *Elements* **1** (June): 139-143.
- Cody, George D., Nabil Z. Boctor, Timothy R. Filley, Robert M. Hazen, James H. Scott, Anurag Sharma, & Hatten S. Yoder Jr.** 2000. “Primordial Carbonylated Iron-Sulfur Compounds and the Synthesis of Pyruvate.” *Science* **289** (25 August): 1337-1340.
- Cody, George D., Neal S. Gupta, Derek E. G. Briggs, A. L. D. Kilcoyne, Roger E. Summons, Fabien Kenig, Roy E. Plotnick, & Andrew C. Scott.** 2011. “Molecular signature of chitin-protein complex in Paleozoic arthropods.” *Geology* **39** (March): 255-258.
- Cody, George D., Emily Heying, Conel M. O. Alexander, Larry R. Nittler, A. L. David Kilcoyne, Scott A. Sandford, & Rhonda M. Stroud.** 2011. “Establishing a molecular relationship between chondritic and cometary organic solids.” *Proceedings of the National Academy of Sciences* **108** (29 November): 19171-19176.
- Coe, Robert S., & Jonathan M. G. Glen.** 2004. “The Complexity of Reversals,” in Channell *et al.* (2004, 221-232).
- Coe, Robert S., Nicholas A. Jarboe, Maxime Le Goff, & Nikolai Petersen.** 2014. “Demise of the rapid-field-change hypothesis at Steens Mountain: The crucial role of continuous thermal demagnetization.” *Earth and Planetary Science Letters* **400** (15 August): 302-312.
- Coe, Robert S., & Michel Prévot.** 1989. “Evidence suggesting extremely rapid field variation during a geomagnetic reversal.” *Earth and Planetary Science Letters* **92** (April): 292-298.
- Coe, R. S., M. Prévot, & P. Camps.** 1995. “New evidence for extraordinarily rapid change of the geomagnetic field during a reversal.” *Nature* **374** (20 April): 687-692.
- Coen, Enrico.** 1999. *The Art of the Gene: How Organisms Make Themselves*. Oxford: Oxford University Press.
- . 2002. “The Making of a Blossom.” *Natural History* **111** (May): 48-55.
- Coen, Enrico S., & Elliot M. Meyerowitz.** 1991. “The war of the whorls: genetic interactions controlling flower development.” *Nature* **353** (5 September): 31-37.
- Coen, Enrico S., & Jacqueline M. Nugent.** 1994. “Evolution of flowers and inflorescences.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **1994**

- (Supplement): 107-116.
- Coen, Philip, Jan Clemens, Andrew J. Weinstein, Diego A. Pacheco, Yi Deng, & Mala Murthy.** 2014. "Dynamic sensory cues shape song structure in *Drosophila*." *Nature* **507** (13 March): 233-237.
- Coffin, Harold G.** 1976. "Orientation of Trees in the Yellowstone Petrified Forests." *Journal of Paleontology* **50** (May): 539-543.
- . 1983. "Erect floating stumps in Spirit Lake, Washington." *Geology* **11** (May): 298-299.
- . 1987. "Sonar and scuba survey of a submerged allochthonous 'forest' in Spirit Lake, Washington." *Palaios* **2** (April): 178-180.
- . 1997. "The Yellowstone Petrified 'Forests'." Geoscience Research Institute *Origins* **24** (1): 2-44.
- Coffin, Harold G., & Elaine G. Kennedy.** 1997. "Catastrophism in the Pacific Northwest: A Geoscience Research Institute Field Guide." Geoscience Research Institute *Geoscience Reports* (Summer): 1-9.
- Coffin, Jean-Christophe.** 2003. "Heredity, Milieu and Sin: the works of Bénédict Augustin Morel (1809-1873)." *A Cultural History of Heredity II: 18th and 19th Centuries Conference*, 153-164. Berlin: Max Planck Institute for the History of Science (P247.pdf online text at www.mpiwg-berlin.mpg accessed 3/12/2009).
- Coffin, Millard F., & Olav Eldholm.** 1993. "Large Igneous Provinces." *Scientific American* **269** (October): 42-49.
- Coffin, Millard F., M. S. Pringle, R. A. Duncan, T. P. Gladzenko, M. Storey, R. D. Müller, & L. A. Gahagan.** 2002. "Kerguelen Hotspot Magma Output since 130 Ma." *Journal of Petrology* **43** (July): 1121-1139.
- Cofran, Zachary, & Jeremy M. DeSilva.** 2015. "A neonatal perspective on *Homo erectus* brain growth." *Journal of Human Evolution* **81** (April): 41-47.
- Coggon, Rosalind M., Damon A. H. Teagle, Christopher E. Smith-Duque, Jeffrey C. Alt, & Matthew J. Cooper.** 2010. "Reconstructing Past Seawater Mg/Ca and Sr/Ca from Mid-Ocean Ridge Flank Calcium Carbonate Veins." *Science* **327** (26 February): 1114-1117.
- Coghlan, Andy.** 2011a. "Meteorite cargo could solve origin-of-life riddle." *New Scientist* (1 March): online text accessed 2/21/2016 (newscientist.com).
- . 2011b. "Parrots join apes and Aristotle in the club of reason." *New Scientist* (22 June): online text accessed 12/10/2014 (newscientist.com).
- Cogley, J. Graham.** 2009. "Geodetic and direct mass-balance measurements: comparison and joint analysis." *Annals of Glaciology* **50** (March): 96-100.
- . 2012. "Himalayan glaciers in the balance." *Nature* **488** (23 August): 468-469.
- Cognato, Anthony I.** 2010. "My time on FOX News." *The Scientist* posting 25 March (online text at the-scientist.com accessed 3/25/2010).
- Cohan, Frederick M.** 2001. "Bacterial Species and Speciation." *Systematic Biology* **50** (August): 513-524.
- . 2006. "Towards a conceptual and operational union of bacterial systematics, ecology, and evolution." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (November): 1985-1996.
- Cohane, John Philip.** 1977. *Paradox: The Case for the Extraterrestrial Origin of Man*. New York: Crown Publishers.
- Cohen, Adam.** 2016. *Imbeciles: The Supreme Court, American Eugenics, and the Sterilization of Carrie Buck*. New York: The Penguin Press.
- Cohen, Ben.** 2012. "Nadarkhani Released, but Iranian Christians Still Persecuted." *Commentary* 8 September posting: online text accessed 9/12/2012 (commentarymagazine.com).
- Cohen, B. E., P. M. Vasconcelos, & K. M. Knesel.** 2007. "⁴⁰Ar/³⁹Ar constraints on the timing of Oligocene intraplate volcanism in southeast Queensland." *Australian Journal of Earth Sciences* **54**: 104-125.
- Cohen, Bernard L., Lars E. Holmer, & Carsten Lüter.** 2003. "The brachiopod fold: a neglected body plan hypothesis." *Palaeontology* **46** (January): 59-65.
- Cohen, Carl, & Tom Regan.** 2001. *The Animal Rights Debate*. Lanham, MD: Rowman &

- Littlefield Publishing, Inc.
- Cohen, Claudine**, trans. William Rodarmor. 1994. *The Fate of the Mammoth: Fossils, Myth, and History*. 2002 English ed. Chicago: University of Chicago Press.
- Cohen, Eli J., Josie L. Ferreira, Mark S. Ladinsky, Morgan Beeby, & Kelly T. Hughes**. 2017. “Nanoscale-length control of the flagellar driveshaft requires hitting the tethered outer membrane.” *Science* **356** (14 April): 197-200.
- Cohen, Helen M., Dan S. Tawfik, & Andrew D. Griffiths**. 2004. “Altering the sequence specificity of *HaeIII* methyltransferase by directed evolution using *in vitro* compartmentalization.” *Protein Engineering Design and Selection (AKA Protein Engineering)* **17** (January): 3-11.
- Cohen, I. Glenn, Holly Fernandez Lynch, & Gregory D. Curfman**. 2014. “When Religious Freedom Clashes with Access to Care.” *The New England Journal of Medicine* **371** (14 August): 596-599.
- Cohen, Jeremiah Y.** 2015. “Dopamine and serotonin signals for reward across time scales.” *Science* **350** (2 October): 47-48.
- Cohen, Jon**. 1994. “The Duesberg Phenomenon.” *Science* **266** (9 December): 1642-1649.
- . 1995a. “Getting All Turned Around Over The Origins of Life on Earth.” *Science* **267** (3 March): 1265-1266.
- . 1995b. “Novel Center Seeks to Add Spark to Origins of Life.” *Science* **270** (22 December): 1925-1926.
- . 2001. *Shots in the Dark: The Wayward Search for an AIDS Vaccine*. New York: W.W. Norton & Co.
- . 2005. “Is an Effective HIV Vaccine Feasible?” *Science* **309** (1 July): 99.
- . 2007. “Relative Differences: The Myth of 1%.” *Science* **316** (29 June): 1836.
- . 2009. “Key Malaria Parasite Likely Evolved From Chimp Version.” *Science* **325** (7 August): 663.
- . 2010a. “In the Shadow of Jane Goodall.” *Science* **328** (2 April): 30-35.
- . 2010b. “Chimps Read Lips.” *Science* **328** (2 April): 32.
- . 2010c. “A Matter of Life and Limb.” *Science* **328** (2 April): 33.
- . 2010d. “The Spread of Culture, Primitive as It Is.” *Science* **328** (2 April): 34-35.
- . 2010e. “Talking Chimp to Chimp.” *Science* **328** (2 April): 36-37.
- . 2010f. “Boxed About the Ears, Ape Language Research Field Is Still Standing.” *Science* **328** (2 April): 38-39.
- . 2010g. “The Inner Workings of the Chimpanzee Brain.” *Science* **328** (2 April): 40-41.
- . 2010h. “Getting Intimate With the Chimp Mind, Japanese Style.” *Science* **328** (2 April): 41-42.
- . 2010i. “Cutting to the Bone Of Human Origins.” *Science* **328** (2 April): 43.
- . 2010j. “Origin of Most Deadly Human Malaria Comes Out of the Mist.” *Science* **329** (24 September): 1586-1587.
- Cohen, Judith G., Lennox L. Cowie, David W. Hogg, Antoinette Songaila, Roger Blandford, Esther M. Hu, & Patrick Shopbell**. 1996. “Redshift Clustering in the Hubble Deep Field.” *The Astrophysical Journal* **471** (1 November): L5-L9.
- Cohen, Kim M., Katharine MacDonald, Josephine C. A. Joordens, Wil Roebroeks, & Philip L. Gibbard**. 2012. “The earliest occupation of north-west Europe: a coastal perspective.” *Quaternary International* **271** (31 August): 70-83.
- Cohen, Laurent**. 2016. “Intercranial dissection of word reading mechanisms.” *Proceedings of the National Academy of Sciences* **113** (19 July): 7938-7940.
- Cohen, Matthew Malter, Deqiang Jing, Rui R. Yang, Nim Tottenham, Francis S. Lee, & B. J. Casey**. 2013. “Early-life stress has persistent effects on amygdala function and development in mice and humans.” *Proceedings of the National Academy of Sciences* **110** (5 November): 18274-18278.
- Cohen, Michael A., Todd S. Horowitz, & Jeremy M. Wolfe**. 2009. “Auditory recognition memory is inferior to visual recognition memory.” *Proceedings of the National Academy of Sciences* **106** (7 April): 6008-6010.

- Cohen, Nick.** 2016. “Deathbed conversion? Never. Christopher Hitchens was defiant to the last.” *The Guardian* posting 4 June (online text at theguardian.com accessed 6/5/2016).
- Cohen, Ofir, Uri Gophna, & Tal Pupko.** 2011. “The Complexity Hypothesis Revisited: Connectivity Rather Than Function Constitutes a Barrier to Horizontal Gene Transfer.” *Molecular Biology and Evolution* **28** (April): 1481-1489.
- Cohen, Patricia.** 2011. “Reason Seen More as Weapon Than Path to Truth.” *The New York Times* posting 14 June: online text accessed 6/24/2011 (www.nytimes.com).
- Cohen, Philip.** 1996. “Let There Be Life.” *New Scientist* **151** (6 July): 22-27.
- . 2000. “The Force.” *New Scientist* **165** (26 February): 30-35.
- Cohen, P. A., A. Bradley, A. H. Knoll, J. P. Grotzinger, S. Jensen, J. Abelson, K. Hand, G. Love, J. Metz, N. McLaoughlin, P. Meister, R. Shepard, M. Tice, & J. P. Wilson.** 2009. “Tubular Compression Fossils from the Ediacaran Nama Group, Namibia.” *Journal of Paleontology* **83** (January): 110-122.
- Cohen, Phoebe A., & Andrew H. Knoll.** 2012. “Scale Microfossils from the Mid-Neoproterozoic Fifteenmile Group, Yukon Territory.” *Journal of Paleontology* **86** (September): 775-800.
- Cohen, Phoebe A., Andrew H. Knoll, & Robin B. Kodner.** 2009. “Large spinose microfossils in Ediacaran rocks as resting stages of early animals.” *Proceedings of the National Academy of Sciences* **106** (21 April): 6519-6524.
- Cohen Phoebe A., & Francis A. Macdonald.** 2015 “The Proterozoic Record of Eukaryotes.” *Paleobiology* **41** (September): 610-632.
- Cohen, Phoebe A., J. William Schopf, Nicholas J. Butterfield, & Francis A. Macdonald.** 2011. “Phosphate biomineralization in mid-Neoproterozoic protists.” *Geology* **39** (June) 539-542.
- Cohen, Phoebe A., Justin V. Strauss, Alan D. Rooney, Mukul Sharma, & Nicholas Tosca.** 2017. “Controlled hydroxyapatite biomineralization in an ~810 million-year-old unicellular eukaryote.” *Science Advances* **3** (28 June): e1700095 (online at sciencemag.org).
- Cohen, Roger.** 2010. “Shariah at the Kumbak Café.” *The New York Times* posting 6 December: online text accessed 12/8/2010 (www.nytimes.com).
- Cohen, Ron.** 2010. “Changing One of Nature’s Constants.” *US News and World Report* posting 7 September of *Science News* article (online text at usnews.com accessed 9/22/2010).
- Cohen, Sheldon, Denise Janicki-Deverts, William J. Doyle, Gregory E. Miller, Ellen Frank, Bruce S. Rabin, & Ronald B. Turner.** 2012. “Chronic stress, glucocorticoid receptor resistance, inflammation, and disease risk.” *Proceedings of the National Academy of Sciences* **109** (17 April): 5995-5999.
- Cohen, Susan E., Cindi A. Lewis, Rachel A. Mooney, Michael A. Kohanski, James J. Collins, Robert Landick, & Graham C. Walker.** 2010. “Roles for the transcription elongation factor NusA in both DNA repair and damage tolerance pathways in *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **107** (31 August): 15517-15522.
- Cohen-Kaplan, Victoria, Ido Livneh, Noa Avni, Bertrand Fabre, Tama Ziv, Yong Tae-Kwon, & Aaron Ciechanover.** 2016. “p62- and ubiquitin-dependent stress-induced autophagy of the mammalian 26S proteasome.” *Proceedings of the National Academy of Sciences* **113** (22 November): E7490-E7499.
- Cohen-Kiraly, William.** 1997. “Creation Science Banned from Lakewood, Ohio, Classroom.” *Skeptical Inquirer* **21** (January/February): 6-8.
- Cohn, Alain, Ernst Fehr, & Michel André Maréchal.** 2014. “Business culture and dishonesty in the banking industry.” *Nature* **516** (4 December): 86-89.
- Cohn, Alicia M.** 2014. “Crisis for Common Core: Indiana’s Uncommon Ruckus Over Education Standards.” Heritage Foundation *The Foundry* 11 March posting (online text at blog.heritage.org accessed 3/25/2014).
- Cohn, Jason, & Camille Servan-Schreiber.** 2015. “‘Bible Belt Atheist’.” *The New York Times* posting 22 September: online text accessed 9/30/2015 (www.nytimes.com).
- Cohn, Martin J.** 2002. “Lamprey *Hox* genes and the origin of jaws.” *Nature* **416** (28 March): 386-387.

- . 2004. “Developmental Genetics of the External Genitalia.” *Advances in Experimental Medicine and Biology* **545**: 149-157.
- Cohn, Martin J., & Cheryll Tickle.** 1999. “Developmental basis of limblessness and axial patterning in snakes.” *Nature* **399** (3 June): 474-479.
- Cohn, Norman.** 1993. *Cosmos, Chaos and the World to Come: The Ancient Roots of Apocalyptic Faith*. New Haven, CT: Yale University Press.
- . 1996. *Noah's Flood: The Genesis Story in Western Thought*. New Haven, CT: Yale University Press.
- Cohn, Robert A.** 2008. “Judge explains ‘intelligent design’ ruling.” *Jewish Light Online* 2 January posting (online text at www.stljewishlight.com accessed 1/2/2008).
- Cohn, S. K. Jr., & L. T. Weaver.** 2006. “The Black Death and AIDS: CCR5-Δ32 in genetics and history.” *Quarterly Journal of Medicine* **99** (August): 497-503.
- Coiffard, Clément, Bernard Gomez, Véronique Daviero-Gomez, & David L. Dilcher.** 2012. “Rise to dominance of angiosperm pioneers in European Cretaceous environments.” *Proceedings of the National Academy of Sciences* **109** (18 December): 20955-20959.
- Cokely, Edward T., & Adam Feitz.** 2009. “Adaptive diversity and misbelief.” *Behavioral and Brain Sciences* **32** (6): 516.
- Colanter, Eddie N.** 2008. “Philosophical Implications of Neo-Darwinism and Intelligent Design: Theism, Personhood, and Bioethics,” in House (2008a, 155-176).
- Colantuoni, Carlo, Barbara K. Lipska, Tianzhang Ye, Thomas M. Hyde, Ran Tao, Jeffrey T. Leek, Elizabeth A. Colantuoni, Abdel G. Elkahlon, Mary M. Herman, Daniel R. Weinberger, & Joel E. Kleinman.** 2011. “Temporal dynamics and genetic control of transcription in the human prefrontal cortex.” *Nature* **478** (27 October): 519-523.
- Colavito, Jason.** 2013a. “Is the Smithsonian Conspiring to Suppress the Truth about Giants?” *Jason Colavito* 28 July posting (online text at www.jasoncolavito.com accessed 11/23/2014).
- . 2013b. “Jim Vieira Claims My Analysis of Giants Is Wrong Because I Use Big Words.” *Jason Colavito* 4 August posting (online text at www.jasoncolavito.com accessed 11/23/2014).
- . 2013c. “Weird Roundup: Angels Drive UFOs, Ufologist Runs for School Board, and Graham Hancock Redates the Neolithic.” *Jason Colavito* 21 October posting (online text at www.jasoncolavito.com accessed 5/5/2015).
- . 2014a. “Review of Search for the Lost Giants S01E01 ‘Unraveling the Mystery’.” *Jason Colavito* 5 November posting (online text at www.jasoncolavito.com accessed 11/23/2014).
- . 2014b. “Review of Search for the Lost Giants S01E03 ‘Chasing the Bones’.” *Jason Colavito* 19 November posting (online text at www.jasoncolavito.com accessed 11/23/2014).
- Colbert, Edwin H., & Michael Morales.** 1991. *Evolution of the Vertebrates: A History of the Backboned Animals Through Time*. 4th ed. New York: Wiley-Liss.
- Colbourne, John K., Michael E. Pfrender, Donald Gilbert, W. Kelley Thomas, Abraham Tucker, Todd H. Oakley, Shinichi Tokishita, Andrea Aerts, Georg J. Arnold, Malay Kumar Basu, Darren J. Bauer, Carla E. Cáceres, Liran Carmel, Claudio Casola, Jeong-Hyeon Choi, John C. Detter, Qunfeng Dong, Serge Dusheyko, Brian D. Eads, Thomas Fröhlich, Kerry A. Geiler-Samerotte, Daniel Gerlach, Phil Hatcher, Sanjuro Jogdeo, Jeroen Krijgsveld, Evgenia V. Kriventseva, Dietmar Kultz, Christian Laforsch, Erika Lindquist, Jacqueline Lopez, J. Robert Manak, Jean Muller, Jasmyn Pangilinan, Rupali P. Patwardhan, Samuel Pitluck, Ellen J. Pritham, Andreas Rechtsteiner, Mina Rho, Igor B. Rogozin, Onur Sakarya, Asaf Salamov, Sarah Schaack, Harris Shapiro, Yasuhiro Shiga, Courtney Skalitzky, Zachary Smith, Alexander Souvorov, Way Sung, Zuojian Tang, Dai Tsuchiya, Hank Tu, Harmjan Vos, Mei Wang, Yuri I. Wolf, Hideo Yamagata, Takuji Yamada, Yuzhen Ye, Joseph R. Shaw, Justen Andrews, Teresa J. Crease, Haixu Tang, Susan M. Lucas, Hugh M. Robertson, Peer Bork, Eugene V. Koonin, Evgeny M. Zdobnov, Igor V. Grigoriev, Michael Lynch, & Jeffrey L. Boore.** 2011. “The Ecoresponsive Genome of *Daphnia pulex*.” *Science* **331** (4 February): 555-561.

- Colburn, Alan I.** 1994. "Misconceptions in Evolution Education," in McComas (1994, 11-14).
- Colby, Chris.** 1997. "Evidence for Evolution: An Eclectic Survey." *The TalkOrigins Archive* posting (online text at talkorigins.org accessed 3/13/2009).
- Cole, Charles J., Harry L. Taylor, Diana P. Baumann, & Peter Baumann.** 2014. "Neaves' Whiptail Lizard: The First Known Tetrapolid Parthenogenetic Tetrapod (Reptilia: Squamata: Teiidae)." *Breviora* **539** (December): 1-20.
- Cole, Eric S., & John Palka.** 1982. "The pattern of campaniform sensilla on the wing and haltere of *Drosophila melanogaster* and several of its homeotic mutants." *Journal of Embryology and Experimental Morphology* **71** (October): 41-61.
- Cole, John R.** 1981. "Misquoted Scientists Respond." *Creation/Evolution* **2** (Fall): 34-37.
- . 1983. "Scopes and Beyond: Antievolutionism and American Culture," in Godfrey (1983a, 13-32).
- . 1985a. "If I Had a Hammer." *Creation/Evolution* **5** (Winter): 46-47.
- . 1985b. "It Ain't Necessarily So: Giants and Biblical Literalism." *Creation/Evolution* **5** (Winter): 48-52.
- . 1987. "Creationism and The New Right Agenda: An Opinion Survey." *Creation/Evolution* **8** (Winter): 6-12.
- . 2001. "Flat Earth Society President Dies." *Reports of the National Center for Science Education* **21** (May-August): 6.
- . 2007. "Wielding the Wedge: Keeping Anti-Evolutionism Alive," in Petto & Godfrey (2007, 110-128).
- Cole, J. R., L. R. Godfrey, R. J. Hastings, & S. D. Schafersman.** 1985a. "Introduction." *Creation/Evolution* **5** (Winter): 1-4.
- Cole, J. R., L. R. Godfrey, & S. D. Schafersman.** 1985b. "Mantracks? The Fossils Say No!" *Creation/Evolution* **5** (Winter): 37-45.
- Cole, Kenneth E.** 2007. "Evidence of dinosaurs at Angkor?" *Answers in Genesis* article for 15 January (online text at www.answersingenesis.org accessed 3/9/2010).
- Cole, Selina R.** 2017. "Phylogeny and morphologic evolution of the Ordovician Camerata (Class Crinoidea, Phylum Echinodermata)." *Journal of Paleontology* **91** (July): 815-828.
- Cole, Steven W., Jesusa M. G. Arevalo, Rie Takahashi, Erica K. Sloan, Susan K. Lutgendorf, Anil K. Sood, John F. Sheridan, & Teresa E. Seeman.** 2010. "Computational identification of gene-social environment interaction at the human *IL6* locus." *Proceedings of the National Academy of Sciences* **107** (23 March): 5681-5686.
- Cole, Steven W., Gabriella Conti, Jesusa M. G. Arevalo, Angela M. Ruggiero, James J. Heckman, & Stephen J. Suomi.** 2012. "Transcriptional modulation of the developing immune system by early life social adversity." *Proceedings of the National Academy of Sciences* **109** (11 December): 20578-20583.
- Cole-Dai, Jihong, Ellen Mosley-Thompson, Shawn P. Wight, & Lonnie G. Thompson.** 2000. "A 4,100-year record of explosive volcanism from an East Antarctica ice core." *Journal of Geophysical Research* **105** (16 October): 24431-24441.
- Coleman, Annette W.** 2009. "Is there a molecular key to the level of 'biological species' in eukaryotes? A DNA guide." *Molecular Phylogenetics and Evolution* **50** (January): 197-203.
- Coleman, John E.** 1992. "The Case Against Martin Bernal's *Black Athena*." *Archaeology* **45** (September/October): 48-52, 77-78, 80-81.
- Coleman, Loren.** 2007. "Civil War Dinos." *CryptoMundo* 16 February posting (online text at www.cryptomundo.com accessed 1/23/2013).
- Coleman, Mark N., & Callum F. Ross.** 2004. "Primate Auditory Diversity and Its Influence on Hearing Performance." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1123-1137.
- Coleman, Maureen L., Matthew B. Sullivan, Adam C. Martiny, Claudia Steglich, Kerrie Barry, Edward F. DeLong, & Sallie W. Chisholm.** 2006. "Genomic Islands and the Ecology and Evolution of *Prochlorococcus*." *Science* **311** (24 March): 1768-1770.
- Coleman, Robert E., & Xiaomin Wang,** eds. 1995. *Ultrahigh Pressure Metamorphism*.

- Cambridge: Cambridge University Press.
- Coleman, Rory T., & Gary Struhl.** 2017. “Causal role for inheritance of H3K27me3 in maintaining the OFF state of a *Drosophila* HOX gene.” *Science* **356** (7 April): eaai8236.
- Coleman, Simon, & Leslie Carlin.** 1996. “No Contest: The Non-Debate Between Creationism and Evolutionary Theory in Britain.” *Creation/Evolution* **16** (Summer): 1-9.
- Coles, Alasdair.** 2008. “God, theologian and humble neurologist.” *Brain* **131** (July): 1953-1959.
- Coles, Jeremy.** 2013. “Flowering plant origins pushed back 100 million years.” *BBC News* posting 1 October: online text accessed 3/19/2016 (www.bbc.com).
- Coles, Murray, Michael Hulko, Sergej Djuranovic, Vincent Truffault, Kristin Koretke, Jörg Martin, & Andrei N. Lupas.** 2006. “Common Evolutionary Origin of Swapped-Hairpin and Double-Psi β Barrels.” *Structure* **14** (October): 1489-1498.
- Colin, Chris.** 1999. “The devolving of evolution.” *Salon.com* 25 August (online text at salon.com accessed 6/25/2002).
- Colinge, Jacques, Adrián César-Razquin, Kilian Huber, Florian P. Breitwieser, Peter Májek, & Giulio Superti-Furga.** 2014. “Building and exploring an integrated human kinase network: Global organization and medical entry points.” *Journal of Proteomics* **107** (31 July): 113-127.
- Collard, Mark, & Leslie C. Aiello.** 2000. “From forelimbs to two legs.” *Nature* **404** (23 March): 339-340.
- Collard, Mark, Briggs Buchanon, & Kevan Edinborough.** 2008. “Reply to Anderson *et al.*, Jones, Kennett and West, Culleton, and Kennett *et al.*: Further evidence against the extraterrestrial impact hypothesis.” *Proceedings of the National Academy of Sciences* **105** (16 December): E112-E114.
- Collard, Mark, Lia Tarle, Dennis Sandgathe, & Alexander Allan.** 2016. “Faunal evidence for a difference in clothing use between Neanderthals and early modern humans in Europe.” *Journal of Anthropological Archaeology* **44B** (December): 235-246.
- Collard, Mark, & Bernard Wood.** 1999. “Grades among the African Early Hominids,” in Bromage & Schrenk (1999, 316-327).
- . 2000. “How reliable are human phylogenetic hypotheses?” *Proceedings of the National Academy of Sciences* **97** (25 April): 5003-5006.
- . 2007. “Defining the Genus *Homo*,” in Henke & Tattersall (2007, 1575-1610).
- Collazo, Andres.** 2000. “Developmental Variation, Homology, and the Pharyngula Stage.” *Systematic Biology* **49** (March): 3-18.
- Collén, Jonas, Betina Porcel, Wilfrid Carré, Steven G. Ball, Cristian Chaparro, Thierry Tonon, Tristan Barbeyron, Gurvan Michel, Benjamin Noel, Klaus Valentin, Marek Elias, François Artiguenave, Alok Arun, Jean-Marc Aury, José F. Barbosa-Neto, John H. Bothwell, François-Yves Bouget, Loraine Brillet, Francisco Cabello-Hurtado, Salvador Capella-Gutiérrez, Bénédicte Charrier, Lionel Cladière, J. Mark Cock, Susana M. Coelho, Christophe Colleoni, Mirjam Czjzek, Corinne Da Silva, Ludovic Delage, France Denoëud, Philippe Deschamps, Simon M. Dittami, Toni Gabaldón, Claire M. M. Gachon, Agnès Groisillier, Cécile Hervé, Kamel Jabbari, Michael Katinka, Bernard Kloareg, Nathalie Kowalczyk, Karine Labadie, Catherine Leblanc, Pascal J. Lopez, Deirdre H. McLachlan, Laurence Meslet-Cladiere, Ahmed Moustafa, Zofia Nehr, Pi Nyvall Collén, Olivier Panaud, Frédéric Partensky, Julie Poulain, Stefan A. Rensing, Sylvie Rousvoal, Gaele Samson, Aikaterini Symeonidi, Jean Weissenbach, Antonios Zambounis, Patrick Wincker, & Catherine Boyen.** 2013. “Genome structure and metabolic features in the red seaweed *Chondrus crispus* shed light on evolution of the Archaeplastida.” *Proceedings of the National Academy of Sciences* **110** (26 March): 5247-5252.
- Coller, Hilary A., & Leonid Kruglyak.** 2008. “It’s the Sequence, Stupid!” *Science* **322** (17 October): 380-381.
- Collet, Julie, Rebecca F. Dean, Kirsty Worley, David S. Richardson, & Tommaso Pizzari.** 2014. “The measure and significance of Bateman’s principles.” *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (1 May): 20132973.

- Collet, Julie, David S. Richardson, Kirsty Worley, & Tommaso Pizzari.** 2012. "Sexual selection and the differential effect of polyandry." *Proceedings of the National Academy of Sciences* **109** (29 May): 8641-8645.
- Collett, Matthew.** 2010. "How desert ants use a visual landmark for guidance along a habitual route." *Proceedings of the National Academy of Sciences* **107** (22 June): 11638-11643.
- Colley, Caleb.** 2007a. "Secular Humanism and Evolution." *Apologetics Press* posting (online text at www.apologeticspress.org accessed 11/1/2013).
- . 2007b. "T. Rex Slowing Down These Days." *Apologetics Press* posting (online text at www.apologeticspress.org accessed 11/1/2013).
- . 2008. "Walking Out of Africa: Humans or a Missing Link?" *Apologetics Press* posting (online text at www.apologeticspress.org accessed 11/1/2013).
- Collier, Kiah.** 2016. "Candidate Who Called Obama a Gay Prostitute Loses Education Board Race." *The Texas Tribune* posting 24 May: online text accessed 6/1/2016 (www.texastribune.org).
- Collignon, Olivier, Gilles Vandewalle, Patrice Voss, Geneviève Albony, Geneviève Charbonneau, Maryse Lassonde, & Franco Lepore.** 2011. "Functional specialization for auditory-spatial processing in the occipital cortex of congenitally blind humans." *Proceedings of the National Academy of Sciences* **108** (15 March): 4435-4440.
- Collin, Matthew A., Kazuei Mita, Frantisek Sehnal, & Cheryl Y. Hayashi.** 2010. "Molecular Evolution of Lepidopteran Silk Proteins: Insights from the Ghost Moth *Hepialus californicus*." *Journal of Molecular Evolution* **70** (May): 519-529.
- Collin, R., & M. P. Miglietta.** 2008. "Reversing opinions on Dollo's Law." *Trends in Ecology & Evolution* **23** (November): 602-609.
- Collin, Shaun P., Wayne L. Davies, Nathan S. Hart, & David M. Hunt.** 2009. "The evolution of early vertebrate photoreceptors." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2925-2940.
- Collin, S. P., & J. Marshall,** eds. 2003. *Sensory Processing in Aquatic Environments*. New York: Springer.
- Collin, Shaun P., & Ann E. O. Trezise.** 2004. "The origins of colour vision in vertebrates." *Clinical and Experimental Optometry* **87** (July): 217-223.
- Collin, Shaun P., & Darryl Whitehead.** 2004. "The functional role of passive electroreception in non-electric fishes." *Animal Biology* **54** (1): 1-25.
- Collins, Allen G.** 2002. "Phylogeny of Medusozoa and the evolution of cnidarian life cycles." *Journal of Evolutionary Biology* **15** (May): 418-432.
- . 2009. "Recent Insights into Cnidarian Phylogeny." *Smithsonian Contributions to the Marine Sciences* No. 38: 139-149.
- Collins, C. John.** 2010. "Adam and Eve as Historical People, and Why It Matters." *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **62** (September): 147-165.
- . 2011. *Did Adam and Eve Really Exist? Who They Were and Why You Should Care*. Wheaton, IL: Crossway.
- Collins, Christine E., David C. Airey, Nicole A. Young, Duncan B. Leitch, & Jon H. Kaas.** 2010. "Neuron densities vary across and within cortical areas in primates." *Proceedings of the National Academy of Sciences* **107** (7 September): 15927-15932.
- Collins, Christine E., Emily C. Turner, Eva Kille Sawyer, Jamie L. Reed, Nicole A. Young, David K. Flaherty, & Jon H. Kaas.** 2016. "Cortical cell and neuron density estimates in one chimpanzee hemisphere." *Proceedings of the National Academy of Sciences* **113** (19 January): 740-745.
- Collins, Desmond, & David M. Rudkin.** 1981. "*Priscansermarinus barnetti*, a Probable Lepadomorph Barnacle from the Middle Cambrian Burgess Shale of British Columbia." *Journal of Paleontology* **55** (September): 1006-1015.
- Collins, Elliot, Joonkoo Park, & Marlene Behrmann.** 2017. "Numerosity representation is encoded in human subcortex." *Proceedings of the National Academy of Sciences* **114** (4 April): E2806-E2815.
- Collins, Francis.** 2006. *The Language of God: A Scientist Presents Evidence for Belief*. New

- York: The Free Press.
- Collins, Gail.** 2012a. “How Texas Inflicts Bad Textbooks on Us.” *The New York Review of Books* (21 June): online text accessed 9/9/2014 (nybooks.com).
- . 2012b. *As Texas Goes ... How the Lone Star State Hijacked the American Agenda*. New York: Liveright (W. W. Norton & Co.).
- Collins, Gareth S.** 2012. “Moonstruck Magnetism.” *Science* **335** (9 March): 1176-1177.
- Collins, Graham P.** 2000. “Different Stripes.” *Scientific American* **283** (August): 33.
- . 2001. “SNO Nus Is Good News.” *Scientific American* **285** (September): 18-19.
- Collins, James.** 2012. “Bits and pieces come to life.” *Nature* **483** (1 March): S8-S10.
- Collins, Kelly L., Arvid Guterstam, Jeneva Cronin, Jared D. Olson, H. Henrik Ehrsson, & Jeffrey G. Ojemann.** 2017. “Ownership of an artificial limb induced by electrical brain stimulation.” *Proceedings of the National Academy of Sciences* **114** (3 January): 166-171.
- Collins, Lesley J., Charles G. Kurland, Patrick Biggs, & David Penny.** 2009. “The Modern RNP World of Eukaryotes.” *Journal of Heredity* **100** (September-October): 597-604.
- Collins, Lesley, & David Penny.** 2005. “Complex Spliceosomal Organization Ancestral to Extant Eukaryotes.” *Molecular Biology and Evolution* **22** (April): 1053-1066.
- . 2006. “Investigating the Intron Recognition Mechanism in Eukaryotes.” *Molecular Biology and Evolution* **23** (May): 901-910.
- Collins, Lorence G.** 1995. “Does the Bible Contradict Accepted Biological Concepts?” *Creation/Evolution* **15** (Summer): 15-23.
- . 1996. “Are Polonium (²³⁰Po) Halos In Coalified Wood Evidence For The Noachian Flood?” *Creation/Evolution* **16** (Winter): 10-15.
- . 1999. “Equal Time for the Origin of Granite.” *Reports of the National Center for Science Education* **19** (March-April): 20-22, 27-29.
- . 2005. “CRITICAL ANALYSIS OF: ‘CATASTROPHIC GRANITE FORMATION: RAPID MELTING of SOURCE ROCKS, and RAPID MAGMA INTRUSION and COOLING’ by ANDREW J. SNELLING.” *California State University Northridge* posting (online text at www.csun.edu accessed 4/11/2012).
- . 2006. “Time to Accumulate Chloride Ions in the World’s Oceans: Creationism’s Young Earth Not Supported.” *Reports of the National Center for Science Education* **5** (September-October): 16-18, 23-24.
- . 2011. “A supposed cast of Noah’s ark in eastern Turkey.” *California State University Northridge* posting (online pdf at www.csun.edu accessed 12/19/2015).
- . 2015a. “Can Flood Geology and Catastrophic Plate Tectonics explain Sedimentary Rocks?” *California State University Northridge* June posting (online pdf at www.csun.edu accessed 7/1/2017).
- . 2015b. “When Was Grand Canyon Carved—Millions of Years Ago or Thousands of Years Ago? How Do We Know?” *Reports of the National Center for Science Education* **35** (July-August): 2.1-2.8.
- Collins, Lorence G., & Barbara J. Collins.** 2010. “Origin of Polonium Halos.” *Reports of the National Center for Science Education* **30** (September-October): 11-16.
- . 2011. “Pleistocene Glaciers: A Single Ice Age Following a Genesis Flood or Multiple Ice Ages?” *Reports of the National Center for Science Education* **31** (September-October): 1.1-1.11.
- . 2012. “More Geological Reasons Noah’s Flood Did Not Happen.” *Reports of the National Center for Science Education* **32** (November-December): 1.1-1.12.
- Collins, Lorence Gene, & David Franklin Fasold.** 1996. “Bogus ‘Noah’s Ark’ from Turkey Exposed as a Common Geological Structure.” *Journal of Geoscience Education* **44** (November): 439-444.
- Collins, Matthew J., Kirsty E. H. Penkman, Nadin Rohland, Beth Shapiro, Reimer C. Dobberstein, Stefanie Ritz-Timme, & Michael Hofreiter.** 2009. “Is amino acid racemization a useful tool for screening for ancient DNA in bone?” *Proceedings of the Royal Society of London B (Biological Sciences)* **276** (22 August): 2971-2977.
- Collins, M. J., A. M. Gernaey, C. M. Nielsen-Marsh, C. Vermeer, & P. Westbroek.** 2000.

- “Slow rates of degradation of osteocalcin: Green light for fossil bone protein?” *Geology* **28** (December): 1139-1142.
- Collins, M. W., & C. A. Brebbia**, eds. 2004. *Design in Nature II: Comparing Design in Nature with Science and Engineering*. Southampton, UK: WIT Press.
- Collins, Mark O.** 2009. “Evolving Cell Signals.” *Science* **325** (25 September): 1635-1636.
- Collins, Pádraig.** 2017. “Stephen Fry investigated by Irish police for alleged blasphemy.” *The Guardian* posting 6 May (online text at theguardian.com accessed 5/19/2017).
- Collins, Robin.** 1998. “The Fine-Tuning Design Argument: A Scientific Argument for the Existence of God.” *Reasons for the Hope Within* (1 September) reprinted at *Discovery Institute* (online text at discovery.org accessed 8/13/2015).
- . 2006. “Finding a place for ID.” Templeton Foundation *Science & Theology News* 9 March posting (online text at stnews.org accessed 3/13/2006, not available as of 5/8/2014).
- Collins, Sarah.** 2015. “On the origin of (robot) species.” *Phys Org News* posting 12 August (online text at phys.org accessed 1/4/2016).
- Collins, W. J.** 2003. “Slab pull, mantle convection, and Pangaean assembly and dispersal.” *Earth and Planetary Science Letters* **205** (10 January): 225-237.
- Colman, Daniel R., Saroj Poudel, Blake W. Stamps, Eric S. Boyd, & John R. Spear.** 2017. “The deep, hot biosphere: Twenty-five years of retrospection.” *Proceedings of the National Academy of Sciences* **114** (3 July): 6895-6903.
- Colombelli-Négre, Diane, Michael S. Webster, Jenélie L. Dowling, Mark E. Hauber, & Sonia Kleindorfer.** 2016. “Vocal imitation of mother’s calls by begging Red-backed Fairywren nestlings increases parental provisioning.” *The Auk* **132** (April): 273-285.
- Colombi, Carina E., & Judith Totman Parrish.** 2008. “Late Triassic Environmental Evolution in Southwestern Pangea: Plant Taphonomy of the Ischigualasto Formation.” *Palaios* **23** (December): 778-795.
- Colombo, P. C., S. Pensel, & R. M. Isabel.** 2004. “Chromosomal polymorphism, morphometric traits and mating success in *Leptysmia argentina* Bruner (Orthoptera).” *Genetica* **121** (May): 25-31.
- Colombo, P. C., S. Pensel, & M. I. Remis.** 2001. “Chromosomal polymorphism, morphometric traits and male mating success in *Leptysmia argentina* Bruner (Orthoptera).” *Heredity* **87** (October): 480-484.
- Coloradoan*. 2010. “Liberty Common High School Adopts ‘Capstone’ Virtues.” *The Coloradoan* (Ft. Collins, Colorado) *Northern Colorado Connection* 23 September reader posting (online text at www.coloradoan.com accessed 10/5/2010).
- Colorado Christian University*. 2012a. “What We Believe.” *Colorado Christian University* 2011-2012 catalog posting (online text at catalog.ccu.edu accessed 6/24/2014).
- . 2012b. “Biology Major.” *Colorado Christian University* 2011-2012 catalog posting (online text at catalog.ccu.edu accessed 6/24/2014).
- . 2012c. “Student Life.” *Colorado Christian University* 2011-2012 catalog posting (online text at catalog.ccu.edu accessed 6/24/2014).
- Colose, Chris.** 2011. “Even Princeton Makes Mistakes.” *Skeptical Science* 26 May posting (online text at www.skepticalscience.com accessed 5/26/2014).
- Colp, Ralph Jr.** 1982. “The Myth of the Darwin-Marx Letter.” *Duke University History of Political Economy* **14** (Fall): 464-482.
- Colson, Chuck.** 2000. “The Archaeoraptor Fraud.” *BreakPoint* posting 28 January (online text at www.breakpoint.org accessed 3/12/2011).
- . 2001a. “Dinosaur to Bird Or, Theory Before Evidence.” *BreakPoint* posting 14 May (online text at www.breakpoint.org accessed 3/12/2011).
- . 2001b. “Credulous Christians.” *BreakPoint* posting 24 August (online text at www.breakpoint.org accessed 10/17/2001).
- . 2001c. “Upholding Accuracy in Science Journalism: PBS Misses the Mark.” *BreakPoint* posting 24 September (online text at www.breakpoint.org accessed 9/7/2001).
- . 2001d. “Christianity and Public Education: Do They Go Together? (Part 1).” *BreakPoint* posting 8 October (online text at www.breakpoint.org accessed 10/17/2001).

- . 2001e. “Christianity and Public Education: Do They Go Together? (Part 2).” *BreakPoint* posting 9 October (online text at www.breakpoint.org accessed 10/17/2001).
- . 2001f. “Christianity and Public Education: Do They Go Together? (Part 3).” *BreakPoint* posting 10 October (online text at www.breakpoint.org accessed 10/17/2001).
- . 2001g. “Can Prayer Heal?” *BreakPoint* posting 11 October (online text at www.breakpoint.org accessed 10/17/2001).
- . 2001h. “The Population Bomb And Other Failed Predictions.” *BreakPoint* posting 29 October (online text at www.breakpoint.org accessed 10/30/2001).
- . 2002a. “Students and Intellectual Freedom: Challenges to Naturalistic Evolution.” *BreakPoint* posting 14 February (online text at www.breakpoint.org accessed 3/7/2002).
- . 2002b. “The Remarkable Story of Roger DeHart.” *BreakPoint* posting 22 May (online text at www.breakpoint.org accessed 7/24/2002).
- Colson, Charles, & Nancy Pearcey.** 1999. *How Now Shall We Live?* Wheaton, IL: Tyndale House Publishers.
- Colson Center.* 2013. “Wilberforce Forum.” The Chuck Colson Center for Christian Worldview *The Christian Worldview Journal* undated posting (online text at www.colsoncenter.org accessed 1/10/2014).
- Colston, Sophie M., Matthew S. Fullmer, Lidia Beka, Brigitte Lamy, J. Peter Gogarten, & Joerg Gral.** 2014. “Bioinformatic Genome Comparisons for Taxonomic and Phylogenetic Assignments Using *Aeromonas* as a Test Case.” *mBio* (online @ mbio.asm.org) **5** (18 November): e02136-14.
- Coltheart, Max.** 2009. “Delusions and misbeliefs.” *Behavioral and Brain Sciences* **32** (6): 517.
- Columbia Electronic Encyclopedia.* 2000. “Damasus I, Saint.” *Fact Monster* posting (online text at www.factmonster.com accessed 10/25/2014).
- Columbus Dispatch.* 2000. “Evolution timetable.” *The Columbus Dispatch* (Ohio) posting 7 May: online text accessed 2/5/2002 (www.dispatch.com).
- Colussi, Timothy M., David A. Constantino, Jianyu Zhu, John Paul Donohue, Andrei A. Korostelev, Zane A. Jaafar, Terra-Dawn M. Plank, Harry E. Noller, & Jeffrey S. Kieft.** 2015. “Initiation of translation in bacteria by a structured eukaryotic IRES RNA.” *Nature* **519** (5 March): 110-113.
- Colville, Elizabeth J., Anders E. Carlson, Brian L. Beard, Robert G. Hatfield, Joseph S. Stoner, Alberto V. Reyes, & David J. Ullman.** 2011. “Sr-Nd-Pb Isotope Evidence for Ice-Sheet Presence on Southern Greenland During the Last Interglacial.” *Science* **333** (29 July): 620-623.
- Colwell, Rita R.** 2004. “A Tangled Bank: Reflections on the Tree of Life and Human Health,” in Cracraft & Donoghue (2004, 18-24).
- Comas, David, Stéphanie Plaza, Francesc Calafell, Antti Sajantila, & Jaume Bertranpetit.** 2001. “Recent Insertion of an *Alu* Element Within a Polymorphic Human-Specific *Alu* Insertion.” *Molecular Biology and Evolution* **18** (January): 85-88.
- Combee, Jerry H., & Cline E. Hall.** 1983. “Designed for Destiny.” *Fundamentalist Journal* **2** (July/August): 26-28.
- Combrinck, Jill M., Tebogo E. Mabotha, Kanyile K. Ncokazi, Melvin A. Ambele, Dale Taylor, Peter J. Smith, Heinrich C. Hoppe, & Timothy J. Egan.** 2013. “Insights into the Role of Heme in the Mechanism of Action of Antimalarials.” *ACS Chemical Biology* **8** (January): 133-137.
- Combs, Leon L.** 2009. “Creation Theories.” *Living Theology* Fall posting (online doc via livingtheology.com accessed 5/15/2014).
- Comeaux, Matthew S., Astrid M. Roy-Engel, Dale J. Hedges, & Prescott L. Deininger.** 2009. “Diverse *cis* factors controlling *Alu* retrotransposition: What causes *Alu* elements to die?” *Genome Research* **19** (April): 545-555.
- Comfort, Nathaniel C.** 2001a. “Are Genes Real?” *Natural History* **110** (June): 28, 30, 32-37.
- . 2001b. “Suddenly you know the answer.” *Natural History* **110** (October): 90.
- . 2015. “Dawkins, redux.” *Nature* **525** (10 September): 184-185.
- Comfort, Ray.** 2008. “The Atheist Worldview.” *Words of Comfort* 24 June posting (online text

- at raycomfortfood.blogspot.com accessed 8/11/2012).
- . 2009a. *You Can Lead an Atheist to Evidence But You Can't Make Him Think: Answers to Questions from Angry Skeptics*. New York: WND Books.
- . 2009b. *The Atheist Bible*. Nashville, TN: Holman Bible Outreach International.
- . 2009c. *The Charles Darwin Bible*. Nashville, TN: Holman Bible Outreach International.
- . 2009d. "Special Introduction" to Charles Darwin's *The Origin of Species: 150th Anniversary Edition*. Alachua, FL: Bridge-Logos Foundation.
- . 2009e. "Archaeology and the Banana." *Words of Comfort* 8 October posting (online text at raycomfortfood.blogspot.com accessed 8/11/2012).
- . 2011. "Atheism and the Age of the Earth." *Bully!Pulpit: Culture starts here* 22 March posting (online text at www.bullypulpit.com accessed 10/7/2013).
- . 2013a. "'Beyond Atheism': Believing there is no God." *WorldNetDaily* (5 February): online text accessed 2/6/2013 (wnd.com).
- . 2013b. "Why Don't Christians Follow Leviticus?" *WorldNetDaily* (12 February): online text accessed 3/4/2013 (wnd.com).
- . 2013c. "'Selectively editing' PZ Myers." Living Waters *On the Box with Ray Comfort* 27 June posting (online text at www.onthebox.us accessed 8/12/2013).
- . 2013d. "Evolution vs. God: Companion Guide." Living Waters *Evolution vs. God* posting (online pdf at www.evolutionvsgod.com accessed 3/28/2014).
- . 2016. "What about radiometric dating?" *Ray Comfort's Daily Evidence* 16 December posting (online text at dailyevidence.wordpress.com accessed 12/16/2016).
- . 2017. "Y-chromosome Adam." *Ray Comfort's Daily Evidence* 3 January posting (online text at dailyevidence.wordpress.com accessed 1/2/2017).
- Comings, David E., Nancy Gonzales, Gerard Saucier, Patrick J. Johnson, & James P. MacMurray.** 2000. "The DRD4 gene and the spiritual transcendence scale of the character temperament index." *Psychiatric Genetics* **10** (December): 185-189.
- Comins, Neil F.** 2001. *Heavenly Errors: Misconceptions About the Real Nature of the Universe*. New York: Columbia University Press.
- Commercial Appeal.* 2010. "Tennessee dad wants biology textbook banned for 'myth'." *The Commercial Appeal* (Memphis, Tennessee) Associated Press posting 5 April: online text accessed 10/24/2013 (www.commercialappeal.com).
- Commeyras, Auguste, Jacques Taillades, Hélène Collet, Laurent Boiteau, Odile Vandenabeele-Trambouze, Robert Pascal, Alain Rousset, Laurence Garrel, Jean-Christophe Rossi, Jean-Philippe Biron, Olivier Lagrille, Raphaël Plasson, Eddy Souaid, Grégoire Danger, Frank Selsis, Michel Dobrijévic, & Hervé Martin.** 2004. "Dynamic Co-evolution of Peptides and Chemical Energetics, a Gateway to the Emergence of Homochirality and the Catalytic Activity of Peptides." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (February): 35-55.
- Committee on the Earth System Context for Hominin Evolution.* 2010. *Understanding Climate's Influence on Human Evolution*. Washington, D.C.: The National Academies Press.
- Common Dreams.* 2005. "Campaign Launched to Fight Religious Right." *Common Dreams* 20 September press release posting (online text via www.commondreams.org accessed 12/18/2013).
- Common Sense Science.* 2010. "CSS Scientists & Affiliates." *Common Sense Science* posting (online text at www.commonssencescience.org accessed 1/29/2014).
- Commonweal.* 1933. "Recovery & Reformation." *Commonweal* 17 November editorial posted 6 August 2011 (online text at www.commonwealmagazine.com accessed 2/4/2012).
- Compaan, Deanne M., & W. Ross Ellington.** 2003. "Functional consequences of a gene duplication and fusion event in an arginine kinase." *The Journal of Experimental Biology* **206** (1 May): 1545-1556.
- Compassion in Politics.** 2011. "Nobel Prize Winners Who Believe in Intelligent Design." *Compassion in Politics* 22 September posting (online text at compassioninpolitics.wordpress.com accessed 4/19/2012).
- Complaints Board.* 2012. "Pimsleur Approach." *Complaints Board* postings (online text at www.complaintsboard.com accessed 4/17/2012).

- Comprehensive Soldier Fitness*. 2010. "SPIRITUAL DIMENSION." *Military Association of Atheists and Freethinkers* posting of US Army manual (online pdf at militaryatheists.org accessed 3/10/2012).
- Compston, Alastair**. 2008. "Editorial." *Brain* **131** (July): 1675-1676.
- Compton, Jared M.** 2012. "Josephus (not Luke) Misdated Quirinius's Census." *Associates for Biblical Research* posting 18 December (online text at www.biblearchaeology.org accessed 6/30/2017).
- Comte-Sponville, André**, trans. Nancy Huston. 2006. *The Little Book of Atheist Spirituality*. 2007 US ed. New York: Viking Press.
- Conaco, Cecilia, Danielle S. Bassett, Hongjun Zhou, Mary Luz Arcila, Sandie M. Degnan, Bernard M. Degnan, & Kenneth S. Kosik**. 2012. "Functionalization of a protosynaptic gene expression network." *Proceedings of the National Academy of Sciences* **109** (26 June): 10612-10618.
- Conard, Nicholas J.**, ed. 2006. *When Neanderthals and Modern Humans Met*. Tübingen, Germany: Kerns Verlag.
- . 2009. "A female figurine from the basal Aurignacian of Hohle Fels Cave in southwestern Germany." *Nature* **459** (14 May): 248-252.
- . 2010. "Cultural modernity: Consensus of conundrum?" *Proceedings of the National Academy of Sciences* **107** (27 April): 7621-7622.
- Conard, Nicholas J., & Michael Bolus**. 2015. "Chronicling modern human's arrival in Europe." *Science* **348** (15 May): 754-756.
- Conard, Nicholas J., Maria Malina, & Susanne C. Münzel**. 2009. "New flutes document the earliest musical tradition in southwestern Germany." *Nature* **460** (6 August): 737-740.
- Conceição, Inês, Anthony D. Long, Jonathan D. Gruber, & Patrícia Beldade**. 2011. "Genomic Sequence around Butterfly Wing Development Genes: Annotation and Comparative Analysis." *PLoS ONE* (online @ plosone.org) **6** (August): e23778.
- Concerned Women for America*. 1998. "Creationism Attacked By Evolutionists." *Concerned Women for America* 16 April posting (online text at www.cwfa.org accessed 3/30/2001, not available as of 11/27/2013).
- Concerned Women for America of Florida*. 2011. "Concerned Women for America of Florida is On The Move!" *Concerned Women for America* posting (online pdf at www.cwfa.org accessed 11/27/2013).
- Concha, Miguel L., & Stephen W. Wilson**. 2001. "Asymmetry in the epithalamus of vertebrates." *Journal of Anatomy* **199** (July): 63-84.
- Conconi, Antonio, & Brendan Bell**. 2017. "The long and short of a DNA-damage responses." *Nature* **545** (11 May): 165-166.
- Concordia*. 1999. *Science DiscoveryWorks: Concordia Edition*. Grade 4 standard text. St. Louis, MO: Concordia Publishing House.
- . 2007a. "Concordia Curriculum Guide Grade 1." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007b. "Concordia Curriculum Guide Grade 2." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007c. "Concordia Curriculum Guide Grade 3." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007d. "Concordia Curriculum Guide Grade 4." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007e. "Concordia Curriculum Guide Grade 5." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007f. "Concordia Curriculum Guide Grade 6." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007g. "Concordia Curriculum Guide Grade 7." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).
- . 2007h. "Concordia Curriculum Guide Grade 8." *Concordia Publishing House* posting (online pdf at sites.cph.org accessed 3/30/2013).

- . 2012. “Frequently Asked Questions About Science Discovery Works-Concordia Edition.” *Concordia Publishing House* posting (online text at www.cph.org accessed 3/31/2013).
- Conдеми, Silvana, Aurélien Mounier, Paolo Giunti, Martina Lari, David Caramelli, & Laura Longo.** 2013. “Possible Interbreeding in Late Italian Neanderthals? New Data from the Mezzena Jaw (Monti Lessini, Verona, Italy).” *PLoS ONE* (online @ plosone.org) **8** (March): e59781.
- Condie, Kent C.** 2001. *Mantle Plumes and Their Record in Earth History*. Cambridge: Cambridge University Press.
- Condon, D. J., A. R. Prave, & D. I. Benn.** 2002. “Neoproterozoic glacial-rainout intervals: Observations and implications.” *Geology* **30** (January): 35-38.
- Condon, Stephanie.** 2010. “Florida Gov.-Elect Rick Scott Considers Dramatically Expanding School Vouchers.” *CBS News* posting 10 December (online text at www.cbsnews.com accessed 12/20/2010).
- Condon, Steven M.** 1992. “Geologic Framework of Pre-Cretaceous Rocks in the Southern Ute Indian Reservation and Adjacent Areas, Southwestern Colorado and Northwestern New Mexico.” U.S. Department of the Interior *Geological Survey Professional Paper 1505-A*: 1-56.
- Condrón, Alan, & Peter Winsor.** 2012. “Meltwater routing and the Younger Dryas.” *Proceedings of the National Academy of Sciences* **109** (4 December): 19928-19933.
- Conejo, Maria, Matt Bertin, Shirley A. Pomponi, & W. Ross Ellington.** 2008. “The Early Evolution of the Phosphagen Kinases—Insights from Choanoflagellate and Proiferan Arginine Kinases.” *Journal of Molecular Evolution* **66** (January): 11-20.
- Coney, Peter J.** 1980. “Cordilleran metamorphic core complexes: An overview.” *The Geological Society of America Memoirs* **153**: 7-31.
- Coney, Peter J., & Tekla A. Harms.** 1984. “Cordilleran metamorphic core complexes: Cenozoic extensional relics of Mesozoic compression.” *Geology* **12** (September): 550-554.
- Cong, Peiyun, Xiaoya Ma, Xianguang Hou, Gregory D. Edgecombe, & Nicholas J. Strausfeld.** 2014a. “Brain structure resolves the segmental affinity of anomalocaridid appendages.” *Nature* **513** (25 September): 538-542.
- . 2014b. “Cong *et al.* reply.” *Nature* **516** (11 December): E3-E4.
- Congressional Budget Office.** 2011. “Trends in the Distribution of Household Income Between 1979 and 2007.” *Congressional Budget Office* 25 October report posting (online text at www.cbo.gov accessed 1/2/2014).
- Coningham, R. A. E., K. P. Acharya, K. M. Strickland, C. E. Davis, M. J. Manuel, I. A. Simpson, K. Gilliland, J. Tremblay, T. C. Kinnaird, & D. C. W. Sanderson.** 2013. “The earliest Buddhist shrine: excavating the birthplace of the Buddha, Lumbini (Nepal).” *Antiquity* **87** (December): 1104-1123.
- Conley, Joe.** 2001. “Is Darwinism Racist?: Creationists and the Louisiana Darwin-Racism Controversy.” *Princeton University* posting of 8 June presentation at “Darwin’s Entangled Bank: The Cultural Legacy of Evolution” Interdisciplinary Conference (online text at www.princeton.edu accessed 6/26/2002).
- Conley, Ross W.** 2008. “Conference Reveals More About Young Earth.” *Faith2Action* August posting (online text at www.faith2action.org accessed 9/14/2009).
- Conlisk, John.** 2011. “Professor Zak’s empirical studies on trust and oxytocin.” *Journal of Economic Behavior & Organization* **78** (April): 160-166.
- Conn, Caitlin E., Rohan Bythell-Douglas, Drexel Neumann, Satoko Yoshida, Bryan Whittington, James H. Westwood, Ken Shirasu, Charles S. Bond, Kelly A. Dyer, & David C. Nelson.** 2015. “Convergent evolution of strigolactone perception enabled host detection in parasitic plants.” *Science* **349** (31 July): 540-543.
- Conn, Joseph L.** 2001. “Moonstruck.” Americans United for the Separation of Church and State *Church and State* (January): online text accessed 1/24/2011 (www.au.org).
- . 2005. “Family Ties.” Americans United for the Separation of Church and State *Church and State* (May): online text accessed 1/20/2011 (www.au.org).
- . 2006. “The Bible Literacy Project.” Americans United for the Separation of Church and

- State Church and State (January): online text accessed 3/9/2011 (www.au.org).
- Connolly, J. N.** 2010. "Adjusting the Solar System's Absolute Clock." *Science* **327** (22 January): 422-423.
- Connolly, James N., Yuri Amelin, Alexander N. Krot, & Martin Bizzarro.** 2008. "Chronology of the Solar System's Oldest Solids." *The Astrophysical Journal* **675** (10 March): L121-L124.
- Connolly, J. N., & M. Bizzarro.** 2009. "Pb-Pb dating of chondrules from CV chondrites by progressive dissolution." *Chemical Geology* **259** (25 February): 143-151.
- Connolly, James N., Martin Bizzarro, Alexander N. Krot, Åke Nordlund, Daniel Wielandt, & Marina A. Ivanova.** 2012. "The Absolute Chronology and Thermal Processing of Solids in the Solar Protoplanetary Disk." *Science* **338** (2 November): 651-655.
- Conniff, Richard.** 2011. *The Species Seekers: Heroes, Fools, and the Mad Pursuit of Life on Earth*. New York: W. W. Norton & Co.
- Connolly, Harold C. Jr., & Stanley G. Love.** 1998. "The Formation of Chondrules: Petrologic Tests of the Shock Wave Model." *Science* **280** (3 April): 62-67.
- Connor, Charles E.** 2002. "Reconstructing a 3D World." *Science* **298** (11 October): 376-377.
- . 2010. "A New Viewpoint on Faces." *Science* **330** (5 November): 764-765.
- Connor, Ken.** 2013. "Resisting the Tide of Secularism in America." *The Christian Post* (21 May): online text accessed 3/22/2014 (christianpost.com).
- Connolly, Rebecca, & Russell Grigg.** 2000. "Flood!" *Answers in Genesis Creation* **23** (December): 26-30.
- Conrad, Donald F., Jonathan E. M. Keebler, Mark A. DePristo, Sarah J. Lindsay, Yujun Zhang, Ferran Casals, Youssef Idaghdour, Chris L. Hartl, Carlos Torroja, Kiran V. Garimella, Martine Zilvermit, Reed Cartwright, Guy A. Rouleau, Mark Daly, Erica A. Stone, Matthew E. Hurles, Philip Awadalla, & the 1000 Genomes Project.** 2011. "Variation in genome-wide mutation rates within and between human families." *Nature Genetics* **43** (July): 712-714.
- Conrad, Ernest C.** 1981. "Tripping Over a Trilobite: A Study of the Meister Tracks." *Creation/Evolution* **2** (Fall): 30-33.
- . 1982a. "Are There Human Fossils in the 'Wrong Place' for Evolution?" *Creation/Evolution* **3** (Spring): 14-22.
- . 1982b. "True Vestigial Structures in Whales and Dolphins." *Creation/Evolution* **3** (Fall): 8-13.
- . 1986. "Creationists and Neandertal." *Creation/Evolution* **6** (Winter): 24-33.
- Conrad, Jack L., Ana M. Balcarcel, & Carl M. Mehling.** 2012. "Earliest Example of a Giant Monitor Lizard (*Varanus*, Varanidae, Squamata)." *PLoS ONE* (online @ plosone.org) **7** (July): e41767
- Conrad, J., & C. A. Sidor.** 2001. "Re-evaluation of *Tetraceratops insignis* (Synapsida, Sphenacodontia)." *Journal of Vertebrate Paleontology* **21** (March): 42A.
- Conrad, Kelly, Martin G. Lockley, & Nancy K. Prince.** 1987. "Triassic and Jurassic Vertebrate-Dominated Trace Fossil Assemblages of the Cimarron Valley Region: Implications for Paleocology and Biostratigraphy." *New Mexico Geological Society 38th Field Conference Guidebook, Northeastern New Mexico* (online pdf at nmgis.nmt.edu accessed 12/3/2013).
- Conrad, Larissa.** 2011. "When it pays to share decisions." *Nature* **471** (3 March): 40-41.
- Conroy, Glenn C., Gerhard W. Weber, Horst Seidler, Phillip V. Tobias, Alex Kane, & Barry Brunsten.** 1998. "Endocranial Capacity in an Early Hominid from Sterkfontein, South Africa." *Science* **280** (12 June): 1730-1731.
- Conservapedia.** 2008a. "Speciation." Entry last modified 19 February (online text at conservapedia.com accessed 8/26/2008).
- . 2008b. "Macroevolution." Entry last modified 5 July (online text at conservapedia.com accessed 8/26/2008).
- . 2008c. "Microevolution." Entry last modified 6 July (online text at conservapedia.com accessed 2/26/2008).

- . 2008d. “Köfels Impact Event.” Entry last modified 21 November (online text at *conservapedia.com* accessed 12/17/2008).
- . 2008e. “Giraffe.” Entry last modified 5 December (online text at *conservapedia.com* accessed 9/29/2011).
- . 2009a. “Citizens For Excellence In Education.” Entry last modified 9 February (online text at *conservapedia.com* accessed 3/3/2012).
- . 2009b. “Horse.” Entry last modified 13 March (online text at *conservapedia.com* accessed 5/16/2011).
- . 2009c. “Slavery in the Bible.” Entry last modified 13 December (online text at *conservapedia.com* accessed 5/30/2011).
- . 2010a. “Richard Sternberg.” Entry last modified 11 June (online text at *conservapedia.com* accessed 12/10/2012).
- . 2010b. “Evolution.” Entry last modified 1 July (online text at *conservapedia.com* accessed 7/3/2010).
- . 2010c. “Skeptic’s Annotated Bible.” Entry last modified 13 November (online text at *conservapedia.com* accessed 3/9/2013).
- . 2010d. “Biblical scientific foreknowledge.” Entry last modified 3 December (online text at *conservapedia.com* accessed 12/14/2010).
- . 2011a. “Counterexamples to the Bible.” Entry last modified 13 February (online text at *conservapedia.com* accessed 5/31/2011).
- . 2011b. “Oliver Wendell Holmes, Jr.” Entry last modified 7 March (online text at *conservapedia.com* accessed 10/15/2013).
- . 2011c. “Biblical inerrancy.” Entry last modified 21 March (online text at *conservapedia.com* accessed 5/30/2011).
- . 2011d. “Philip Pullman.” Entry last modified 24 May (online text at *conservapedia.com* accessed 4/27/2013).
- . 2011e. “Counterexamples to an Old Earth.” Entry last modified 25 May (online text at *conservapedia.com* accessed 5/28/2011).
- . 2011f. “Counterexamples to Relativity.” Entry last modified 25 May (online text at *conservapedia.com* accessed 5/31/2011).
- . 2011g. “Global warming.” Entry last modified 25 May (online text at *conservapedia.com* accessed 5/28/2011).
- . 2011h. “Dinosaur.” Entry last modified 27 May (online text at *conservapedia.com* accessed 5/31/2011).
- . 2011i. “Counterexamples to Evolution.” Entry last modified 29 May (online text at *conservapedia.com* accessed 5/31/2011).
- . 2011j. “Causes of Homosexuality.” Entry last modified 23 June (online text at *conservapedia.com* accessed 7/27/2011).
- . 2011k. “Creation science.” Entry last modified 4 July (online text at *conservapedia.com* accessed 7/4/2011).
- . 2011l. “Patrick Henry College.” Entry last modified 16 July (online text at *conservapedia.com* accessed 12/30/2011).
- . 2011m. “Suppression of alternatives to evolution.” Entry last modified 19 August (online text at *conservapedia.com* accessed 9/8/2011).
- . 2012a. “Scopes Trial.” Entry last modified 25 June (online text at *conservapedia.com* accessed 1/4/2014).
- . 2012b. “Joseph Stalin’s ape-men experiments.” Entry last modified 16 July (online text at *conservapedia.com* accessed 8/21/2012).
- . 2012c. “Punctuated Equilibrium.” Entry last modified 21 July (online text at *conservapedia.com* accessed 4/26/2015).
- . 2012d. “Atheism.” Entry last modified 7 October (online text at *conservapedia.com* accessed 11/27/2012).
- . 2012e. “Big Bang theory.” Entry last modified 25 October (online text at *conservapedia.com* accessed 7/29/2014).
- . 2012f. “Great Flood.” Entry last modified 22 December (online text at

- conservapedia.com* accessed 2/14/2013).
- . 2013a. “Bombardier beetle.” Entry last modified 4 January (online text at *conservapedia.com* accessed 9/7/2015).
- . 2013b. “Ota Benga.” Entry last modified 29 January (online text at *conservapedia.com* accessed 3/24/2013).
- . 2013c. “Egyptian chronology.” Entry last modified 11 February (online text at *conservapedia.com* accessed 12/2/2013).
- . 2013d. “Young Earth Creationism.” Entry last modified 11 February (online text at *conservapedia.com* accessed 3/2/2013).
- . 2013e. “Conservative Bible.” Entry last modified 20 February (online text at *conservapedia.com* accessed 12/21/2013).
- . 2013f. “Exodus 21-26 (Translated).” Entry last modified 27 February (online text at *conservapedia.com* accessed 12/21/2013).
- . 2013g. “Louis Pasteur.” Entry last modified 10 March (online text at *conservapedia.com* accessed 7/9/2014).
- . 2013h. “Isaiah 1-8 (Translated).” Entry last modified 23 April (online text at *conservapedia.com* accessed 12/21/2013).
- . 2013i. “Charles Darwin’s illness.” Entry last modified 24 April (online text at *conservapedia.com* accessed 2/20/2014).
- . 2013j. “Citizens For Excellence in Education.” Entry last modified 17 August (online text at *conservapedia.com* accessed 1/4/2014).
- . 2013k. “Evolution and the fossil record.” Entry last modified 25 August (online text at *conservapedia.com* accessed 12/26/2013).
- . 2013l. “Grady S. Murphy.” Entry last modified 25 September (online text at *conservapedia.com* accessed 11/19/2014).
- . 2013m. “Conservative Bible Project.” Entry last modified 23 November (online text at *conservapedia.com* accessed 12/21/2013).
- . 2013n. “Essay: Best New Conservative Words.” Entry last modified 20 December (online text at *conservapedia.com* accessed 12/21/2013).
- . 2014. “Transitional form.” Entry last modified 6 November (online text at *conservapedia.com* accessed 4/26/2015).
- . 2015a. “Evolutionary racism.” Entry last modified 12 February (online text at *conservapedia.com* accessed 5/21/2015).
- . 2015b. “Moon.” Entry last modified 3 June (online text at *conservapedia.com* accessed 7/13/2015).
- . 2016a. “Geocentric theory.” Entry last modified 5 March (online text at *conservapedia.com* accessed 3/31/2016).
- . 2016b. “Platypus.” Entry last modified 24 June (online text at *conservapedia.com* accessed 10/7/2016).
- . 2016c. “Biogeography.” Entry last modified 12 July (online text at *conservapedia.com* accessed 2/8/2017).
- . 2016d. “Post-Diluvian Diasporas.” Entry last modified 13 July (online text at *conservapedia.com* accessed 7/31/2017).
- . 2016e. “Macroevolution.” Entry last modified 29 August (online text at *conservapedia.com* accessed 2/8/2017).
- . 2017. “Microevolution.” Entry last modified 30 January (online text at *conservapedia.com* accessed 2/8/2017).
- Consolmagno, Guy J., & Michael J. Drake.** 1977. “Composition and evolution of the eucrite parent body: Evidence from rare earth elements.” *Geochimica et Cosmochimica Acta* **41** (September): 1271-1282.
- Constantino, Lorenzo, Sotirios K. Sotiriou, Juha K. Rantala, Simon Magin, Emil Mladenov, Thomas Helleday, James E. Haber, George Iliakis, Olli P. Kallioniemi, & Thanos D. Halazonetis.** 2014. “Break-Induced Replication Repair of Damaged Forks Induces Genomic Duplications in Human Cells.” *Science* **343** (3 January): 88-91.
- Contamine, Véronique, & Marguerite Picard.** 2000. “Maintenance and Integrity of the

- Mitochondrial Genome: a Plethora of Nuclear Genes in the Budding Yeast.” *Microbiology and Molecular Biology Reviews* **64** (June): 281-315.
- Conte, Gina L., Matthew R. Arnegard, Catherine L. Peichel, & Dolph Schluter.** 2012. “The probability of genetic parallelism and convergence in natural populations.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 December): 5039-5047.
- Conte, Ivan, Kristen D. Hadfield, Sara Barbato, Sabrina Carrella, Mariateresa Pizzo, Rajeshwari S. Bhat, Annamaria Carissimo, Marianthi Karali, Louise F. Porter, Jill Urquhart, Sofie Hateley, James O’Sullivan, Forbes D. C. Manson, Stephan C. F. Neuhaus, Sandro Banfi, & Graeme C. M. Black.** 2015. “MiR-204 is responsible for inherited retinal dystrophy associated with ocular coloboma.” *Proceedings of the National Academy of Sciences* **112** (21 July): E3236-E3245.
- Conti, Elena, Torsten Eriksson, Jürg Schönenberger, Kenneth J. Sytsma, & David A. Baum.** 2002. “Early Tertiary Out-of-India Dispersal of Crypteroniaceae: Evidence from Phylogeny and Molecular Dating.” *Evolution* **56** (October): 1931-1942.
- Conti, Elena, Frank Rutschmann, Torsten Eriksson, Kenneth J. Sytsma, & David A. Baum.** 2004. “Calibration of Molecular Clocks and the Biogeographic History of Crypteroniaceae: A Reply to Moyle.” *Evolution* **58** (August): 1874-1876.
- Conti, Gabriella, Christopher Hansman, James J. Heckman, Matthew F. X. Novak, Angela Ruggiero, & Stephen J. Suomi.** 2012. “Primate evidence on the late health effects of early-life adversity.” *Proceedings of the National Academy of Sciences* **109** (5 June): 8866-8871.
- Coticello, Silvestro G., Cornelia J. F. Thomas, Svend K. Petersen-Mahrt, & Michael S. Neuberger.** 2005. “Evolution of the AID/APOBEC Family of Polynucleotide (Deoxy)Cytidine Deaminases.” *Molecular Biology and Evolution* **22** (February): 367-377.
- Converse, Benjamin A., Jane L. Risen, & Travis J. Carter.** 2012. “Investing in Karma: When Wanting Promotes Helping.” *Psychological Science* **23** (August): 923-930.
- Convey, Eric.** 2014. “MIT alum and NFL Players’ lawyer making the case for a deity at his alma mater.” *Boston Business Journal* (9 June): online text accessed 8/2/2014 (www.bizjournals.com).
- Conway, Bevil R., & Alexander Rehdig.** 2013. “Neuroaesthetics and the Trouble with Beauty.” *PLoS Biology* (online @ plosbiology.org) **11** (March): e1001504.
- Conway Morris, Simon.** 1989. “Burgess Shale Faunas and the Cambrian Explosion.” *Science* **246** (20 October): 339-346.
- . 1993. “The fossil record and the early evolution of the Metazoa.” *Nature* **361** (21 January): 219-215.
- . 1998a. *The Crucible of Creation: The Burgess Shale and the Rise of Complexity*. Oxford: Oxford University Press.
- . 1998b. “Showdown on the Burgess Shale: The Challenge.” *Natural History* **107** (December): 48-51.
- . 2000a. “Evolution: Bringing Molecules into the Fold.” *Cell* **100** (7 January): 1-11.
- . 2000b. “The Cambrian ‘explosion’: Slow-fuse or megatonnage?” *Proceedings of the National Academy of Sciences* **97** (25 April): 4426-4429.
- . 2000c. “Nipping the Cambrian ‘explosion’ in the bud?” *BioEssays* **22** (December): 1053-1056.
- . 2003a. “The Cambrian ‘explosion’ of metazoans and molecular biology: would Darwin be satisfied?” *International Journal of Developmental Biology* **47** (7/8): 505-515.
- . 2003b. “On the First Day, God Said...” *American Scientist* **91** (July-August): 365-367.
- . 2006. “Darwin’s dilemma: the realities of the Cambrian ‘explosion’.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 1069-1083.
- . 2008. “A Redescription of a Rare Chordate, *Metaspriggina walcotti* Simonetta and Insom, from the Burgess Shale (Middle Cambrian), British Columbia, Canada.” *Journal of Paleontology* **82** (March): 424-430.
- . 2009a. “The Burgess Shale animal *Oesia* is not a chaetognath: A reply to Szaniawski

- (2005).” *Acta Palaeontologica Polonica* **54** (1): 175-179.
- . 2009b. “Darwin was right. Up to a point.” *The Guardian* posting 12 February (online text at guardian.co.uk accessed 10/4/2010).
- . 2010. “Evolution: like any other science it is predictable.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (12 January): 135-145.
- . 2012. “Molecules of choice?” *EMBO Reports* **13** (February): 281.
- . 2013. “Nine Evolutionary Myths: The Closing of the Darwinian Mind?” Summary of 2 May Princeton University *Center of Theological Inquiry* lecture (online pdf at reilly.nd.edu accessed 10/29/2015).
- Conway Morris, Simon, & Jean-Bernard Caron.** 2007. “Halwaxiids and the Early Evolution of the Lophotrochozoans.” *Science* **315** (2 March): 1255-1258.
- . 2012. “*Pikaia gracilens* Walcott, a stem-group chordate from the Middle Cambrian of British Columbia.” *Biological Reviews of the Cambridge Philosophical Society* **87** (May): 480-512.
- . 2014. “A primitive fish from the Cambrian of North America.” *Nature* **512** (28 August): 419-422.
- Conway Morris, S., B. W. Mattes, & Chen Menge.** 1990. “The early skeletal organism Cloudina: New occurrences from Oman and possibly China.” *American Journal of Science* **290A** (Preston E. Cloud Album): 245-260.
- Conway Morris, Simon, & Chen Menge.** 1992. “Carinacitiids, Hexangulaconulariids, and *Punctatus*: Problematic Metazoans from the Early Cambrian of South China.” *Journal of Paleontology* **66** (May): 384-406.
- Conway Morris, Simon, & John S. Peel.** 1990. “Articulated halkieriids from the Lower Cambrian from North Greenland, Arctic Ocean.” *Nature* **345** (28 June): 802-805.
- . 2008. “The earliest annelids: Lower Cambrian polychaetes from the Sirius Passet Lagerstätte, Peary Land, North Greenland.” *Acta Palaeontologica Polonica* **53** (1): 137-148.
- . 2010. “New palaeoscolecidan worms from the Lower Cambrian: Sirius Passet, Latham Shale and Kinzers Shale.” *Acta Palaeontologica Polonica* **55** (1): 141-156.
- Conzelmann, Markus, Sarah-Lena Offenburger, Albina Asadulina, Timea Keller, Thomas A. Münch, & Gáspár Jékely.** 2011. “Neuropeptides regulate swimming depth of *Platynereis* larvae.” *Proceedings of the National Academy of Sciences* **108** (15 November): E1174-E1183.
- Coody, Ron.** 2013. “Intolerant critics of BSU prof lose scientific objectivity to an ideology.” *News-Sentinel* (Fort Wayne, Indiana) posting 7 June: online text accessed 6/15/2013 (www.news-sentinel.com).
- Coogan, Laurence A., & Richard W. Hinton.** 2006. “Do the trace element compositions of detrital zircons require Hadean continental crust?” *Geology* **34** (August): 633-636.
- Cook, Benjamin D., Catherine M. Pringle, & Jane M. Hughes.** 2008. “Phylogeography of an Island Endemic, the Puerto Rican Freshwater Crab (*Epilobocera sinuatifrons*).” *Journal of Heredity* **99** (March/April): 157-164.
- Cook, Charles E., Qiaoyun Yue, & Michael Akam.** 2005. “Mitochondrial genomes suggest that hexapods and crustaceans are mutually paraphyletic.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 June): 1295-1304.
- Cook, Claire, Noah D. Goodman, & Laura E. Schulz.** 2011. “Where science starts: Spontaneous experiments in preschoolers’ exploratory play.” *Cognition* **120** (September): 341-349.
- Cook, Daniel L., Anthony N. Gerber, & Stephen J. Tapscott.** 1998. “Modeling stochastic gene expression: Implications for haploinsufficiency.” *Proceedings of the National Academy of Sciences* **95** (22 December): 15641-15646.
- Cook, Darrell A.** 1996. *In the Right Context: A Report on the Founding of America* (self-published pamphlet June dating).
- Cook, David.** 2007. “A critique of Robert Paper’s *Dying To Win*.” *Journal of Strategic Studies* **20** (2): 243-254.

- Cook, David E., Tong Geon Lee, Xiaoli Guo, Sara Melito, Kai Wang, Adam M. Bayless, Jianping Wang, Teresa J. Hughes, David K. Willis, Thomas E. Clemente, Brian W. Diers, Jiming Jiang, Matthew E. Hudson, & Andrew F. Bent.** 2012. "Copy Number Variation of Multiple Genes at *Rhg1* Mediates Nematode Resistance in Soybean." *Science* **338** (30 November): 1206-1209.
- Cook, Gareth.** 2013. "Doubting 'Darwin's Doubt'." *The New Yorker* (2 July): online text accessed 8/2/2013 (newyorker.com).
- Cook, Gregory M., & Robert K. Poole.** 2016. "A bacterial oxidase like no other?" *Science* **352** (22 April): 518-519.
- Cook, Harry, & Jank D. Bestman.** 2011. "Biological Complexity." *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (September): 159-169.
- Cook, John.** 2010a. "A peer-reviewed response to McLean's El Nino paper." *Skeptical Science* 18 March posting (online text at www.skepticalscience.com accessed 6/25/2011).
- . 2010b. "McLean, de Freitas and Carter rebutted... by McLean, de Freitas and Carter." *Skeptical Science* 4 April posting (online text at www.skepticalscience.com accessed 6/25/2011).
- . 2010c. "What do the 'Climategate' hacked CRU emails tell us?" *Skeptical Science* 9 July posting (online text at www.skepticalscience.com accessed 6/25/2011).
- . 2011. "The chief trouper: the follies of Mr Monckton." *Skeptical Science* 23 June posting (online text at www.skepticalscience.com accessed 6/25/2011).
- . 2013. "What has global warming done since 1998?" *Skeptical Science* 26 July updated posting (online text at www.skepticalscience.com accessed 11/1/2013).
- . 2015. "Inoculating against science denial." *The Conversation* 26 April posting (online text at theconversation.com accessed 4/26/2015).
- . 2016. "How should we teach students about climate change?" *Bulletin of the Atomic Scientists* 3 March posting (online text at thebulletin.org accessed 4/23/2016).
- Cook, John, & Peter Jacobs.** 2014. "Scientists are from Mars, Laypeople are from Venus: An Evidence-Based Rationale for Communicating the Consensus on Climate." *Reports of the National Center for Science Education* **34** (November-December): 3.1-3.10.
- Cook, John, & Stephan Lewandowsky.** 2012. *The Debunking Handbook*. Version 2. St. Lucia, Australia: University of Queensland.
- Cook, L. M., B. S. Grant, L. J. Saccheri, & J. Mallet.** 2012. "Selective bird predation on the peppered moth: the last experiment of Michael Majerus." *Royal Society Biology Letters* **8** (August): 609-612.
- Cook, L. M., S. L. Sutton, & T. J. Crawford.** 2005. "Melanic Moth Frequencies in Yorkshire, an Old English Industrial Hot Spot." *Journal of Heredity* **96** (September): 522-528.
- Cook, L. M., & J. R. G. Turner.** 2008. "Decline of melanism in two British moths: spatial, temporal and interspecific variation." *Heredity* **101** (December): 483-489.
- Cook, Marion.** 1996. "A role for homosexuality in population genetics." *Evolutionary Theory* **11** (May): 135-151.
- Cook, Melvin A.** 1957. "Where is the Earth's Radiogenic Helium?" *Nature* **179** (26 January): 213.
- Cook, Pamela R., Charles E. Jones, & Anthony V. Furano.** 2015. "Phosphorylation of ORF1p is required for L1 retrotransposition." *Proceedings of the National Academy of Sciences* **112** (7 April): 4298-4303.
- Cook, Peter, Andrew Rouse, Margaret Wilson, & Colleen Reichmuth.** 2013. "A California Sea Lion (*Zalophus californianus*) Can Keep the Beat: Motor Entrainment to Rhythmic Auditory Stimuli in a Non Vocal Mimic." *Journal of Comparative Psychology* **127** (November): 412-427.
- Cook, Robert, & Joël Fagot.** 2009. "First trial rewards promote 1-trial learning and prolonged memory in pigeon and baboon." *Proceedings of the National Academy of Sciences* **106** (9 June): 9530-9533.
- Cook, Wade B.** 1997. *Business Buy the Bible: Financial Wisdom Of The Ancients*. Seattle, WA: Lighthouse Publishing Group, Inc.

- Cooke, Bill.** 2010. "Joseph McCabe: A Forgotten Early Populariser of Science and Defender of Evolution." *Science & Education* **19** (May): 461-484.
- Cooke, Sam.** 2009. "Memory Enhancement, Memory Erasure," in Brockman (2009, 131-143).
- Cooke, Kathy J.** 2002. "Duty or Dream? Edwin G. Conklin's Critique of Eugenics and Support for American Individualism." *Journal of the History of Biology* **35** (Spring): 365-384.
- Cooke, Siobhán B., Alfred L. Rosenberger, & Samuel Turvey.** 2011. "An extinct monkey from Haiti and the origins of the Greater Antillean primates." *Proceedings of the National Academy of Sciences* **108** (15 February): 2699-2704.
- Cookson, Clive.** 2014. "How Neanderthals evolved." *Financial Times* (27 June): online text accessed 8/21/2014 (www.ft.com).
- Coolen, Marco J. L.** 2011. "7000 Years of *Emiliana huxleyi* Viruses in the Black Sea." *Science* **333** (22 July): 451-452.
- Coolen, Marco J. L., William D. Orsi, Cherel Balkema, Christopher Quince, Keith Harris, Sean P. Sylva, Mariana Filipova-Marinova, & Liviu Giosan.** 2013. "Evolution of the plankton paleome in the Black Sea from the Deglacial to Anthropocene." *Proceedings of the National Academy of Sciences* **110** (21 May): 8609-8614.
- Cooley, Richard B., Timothy W. Rhoads, Daniel J. Arp, & P. Andrew Karplus.** 2011. "A Diiron Protein Autogenerates a Valine-Phenylalanine Cross-Link." *Science* **332** (20 May): 929.
- Coolidge, Candace J., & James G. Patton.** 2000. "A new double-stranded RNA-binding protein that interacts with PKR." *Nucleic Acids Research* **28** (15 March): 1407-1417.
- Coolidge, Fred.** 2015. "Why Chomsky Is Wrong About the Evolution of Language." *Psychology Today* posting 27 January (online text at psychologytoday.com accessed 6/8/2017).
- Coombs, W. P. Jr.** 1980. "Swimming Ability of Carnivorous Dinosaurs." *Science* **207** (14 March): 1198-1200.
- Cooney, Christopher R., Jen A. Bright, Elliot J. R. Capp, Angela M. Chira, Emma C. Hughes, Christopher J. Moody, Lara O. Nouri, Zoë K. Varley, & Gavin H. Thomas.** 2017. "Mega-evolutionary dynamics of the adaptive radiation of birds." *Nature* **542** (16 February): 344-347.
- Cooney, Gus, Daniel T. Gilbert, & Timothy D. Wilson.** 2016. "When fairness matters less than we expect." *Proceedings of the National Academy of Sciences* **113** (4 October): 11168-11171.
- Coop, Graham, Kevin Bullaughey, Francesca Luca, & Molly Przeworski.** 2008. "The Timing of Selection at the Human *FOXP2* Gene." *Molecular Biology and Evolution* **25** (July): 1257-1259.
- Cooper, A. K., P. J. Barrett, H. Stagg, B. Storey, E. Stump, W. Wise, & the 10th ISAES editorial team,** eds. 2008. *Antarctica: A Keystone in a Changing World*. Proceedings of the 10th International Symposium on Antarctic Earth Sciences. Washington, D.C.: The National Academies Press.
- Cooper, Alan.** 1997. "The Sense of the Book of Job." *Prooftexts* **17** (September): 227-244.
- Cooper, Alan, & Richard Fortey.** 1998. "Evolutionary explosions and the phylogenetic fuse." *Trends in Ecology & Evolution* **13** (April): 151-156.
- Cooper, Alan, Cécile Mourer-Chauviré, Geoffrey K. Chambers, Arndt von Haeseler, Allan C. Wilson, & Svante Pääbo.** 1992. "Independent origins of New Zealand moas and kiwis." *Proceedings of the National Academy of Sciences* **89** (15 September): 8741-8744.
- Cooper, A., & S. Stringer.** 2013. "Did the Denisovans Cross Wallace's Line?" *Science* **342** (18 October): 321-323.
- Cooper, Alan, Chris Turney, & Konrad A. Hughen.** 2016. "Response to Comment on 'Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover'." *Science* **351** (26 February): 927.
- Cooper, Alan, Chris Turney, Konrad A. Hughen, Barry W. Brook, H. Gregory McDonald, & Corey J. A. Bradshaw.** 2015. "Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover." *Science* **349** (7 August): 602-606.

- Cooper, Bill.** 1995. *After the Flood: The early post-flood history of Europe traced back to Noah.* Creationism.org posting (online htm at *creationism.org* accessed 7/20/2011).
- Cooper, George, Nouvelle Kimmich, Warren Belisle, Josh Sarinana, Katrina Brabham, & Laurence Garrel.** 2001. "Carbonaceous meteorites as a source of sugar-related organic compounds for the early Earth." *Nature* **414** (20 December): 879-883.
- Cooper, George, Chris Reed, Dang Nguyen, Malika Carter, & Yi Wang.** 2011. "Detection and formation scenario of citric acid, pyruvic acid, and other possible metabolism precursors in carbonaceous meteorites." *Proceedings of the National Academy of Sciences* **108** (23 August): 14015-14020.
- Cooper, George, & Andro C. Rios.** 2016. "Enantiomer excesses of rare and common sugar derivatives." *Proceedings of the National Academy of Sciences* **113** (14 June): E3322-E3331.
- Cooper, H. Kory.** 2015. Review of *Iron Age America before Columbus.* *American Antiquity* **80** (July): 627-628.
- Cooper, Henry S. F. Jr.** 1996. "Origins: The Backbone of Evolution." *Natural History* **105** (June): 32-33, 36-43.
- . 2001. "The Perfect Fossil." *Natural History* **110** (November): 12-13.
- Cooper, Idelle A., R. Tucker Gilman, & Janette Wenrick Boughman.** 2011. "Sexual Dimorphism and Speciation on Two Ecological Coins: Patterns from Nature and Theoretical Predictions." *Evolution* **65** (September): 2553-2571.
- Cooper, Kimberly L.** 2017. "Decoding the evolution of species." *Science* **356** (2 June): 904-905.
- Cooper, Kimberly L., Karen E. Sears, Aysy Uygur, Jennifer Maier, Karl-Stephan Baczkowski, Margaret Brosnahan, Doug Antczak, Julian A. Skidmore, & Clifford J. Tabin.** 2014. "Patterning and post-patterning modes of evolutionary digit loss in mammals." *Nature* **511** (3 July): 41-45.
- Cooper, Kimberly L., & Clifford J. Tabin.** 2008. "Understanding of bat wing evolution takes flight." *Genes & Development* **22** (15 January): 121-124.
- Cooper, Lisa Noelle, Annalisa Berta, Susan D. Dawson, & Joy S. Reidenberg.** 2007. "Evolution of Hyperphalangy and Digit Reduction in the Cetacean Manus." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (June): 654-672.
- Cooper, Lisa Noelle, Mark T. Clementz, Sharoin Usip, Sunil Bajpai, S. Taseer Hussain, & Tobin L. Hieronymus.** 2016. "Aquatic Habits of Cetacean Ancestors: Integrating Bone Microanatomy and Stable Isotopes." *Integrative and Comparative Biology* (AKA *American Zoologist*) **56** (December): 1370-1384.
- Cooper, Lisa Noelle, Andrew H. Lee, Mark L. Taper, & John R. Horner.** 2008. "Relative growth rates of predator and prey dinosaurs reflect effects of predation." *Proceedings of the Royal Society of London B* (Biological Sciences) **275** (22 November): 2609-2615.
- Cooper, Marjorie J., & Chris Pullig.** 2013. "I'm Number One! Does Narcissism Impair Ethical Judgment Even for the Highly Religious?" *Journal of Business Ethics* **112** (January): 167-176.
- Cooper, Max D., & Matthew N. Alder.** 2006. "The Evolution of Adaptive Immune Systems." *Cell* **124** (24 February): 815-822.
- Cooper, Melanie.** 2002. "Harry Potter and the Wicca Web." *About.com* Christianity—Latter-day Saints posting (online text at *lds.about.com* accessed 1/8/2002, not available as of 10/22/2014).
- Cooper, Paulette.** 1971. *The Scandal of Scientology.* New York: Tower Books.
- Cooper, Robert A.** 2001. "The Goal of Evolution Instruction: Belief or Literacy?" *Reports of the National Center for Science Education* **21** (January-April): 14-18.
- Cooper, Robert Wayne, Cynthia Davis, Brian Nieves, Edgar Emery, & Bryan P. Stevenson.** 2004. "House Bill No. 1722." Missouri House of Representatives legislative posting (online text at *www.house.mo.gov* accessed 2/16/2013).
- Cooper, Robert Wayne, Annie Reinhart, Cynthia Davis, Brian Nieves, Susan Phillips, Edgar**

- Emery, & Steve Hunter.** 2004. “House Bill No. 911.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 2/16/2013).
- Cooper, Roland A., Michael T. Ferdig, Xin-Zhuan Su, Lyann M. B. Ursos, Jianbing Mu, Takashi Nomura, Hisashi Fujioka, David A. Fidock, Paul D. Roepe, & Thomas E. Wellems.** 2002. “Alternative Mutations at Position 76 of the Vacuolar Transmembrane Protein PfCRT Are Associated with Chloroquine Resistance and Unique Stereospecific Quinine and Quinidine Responses in *Plasmodium falciparum*.” *Molecular Pharmacology* **61** (January): 35-42.
- Cooper, Scott.** 1999. Oklahoma Textbook Commission transcript excerpt. Thomas S. Ray website posting of *Tulsa World* (17 November) article (online text at www.isd.ctr.co.jp/~ray/ accessed 1/13/2004, not available as of 4/2/2014).
- Cooper, Seth, Firas Khatib, Adrien Treuille, Janos Barbero, Jeehyung Lee, Michael Beenen, Andrew Leaver-Fay, David Baker, Zoran Popović, & Foldit Players.** 2010. “Predicting protein structures with a multiplayer online game.” *Nature* **466** (5 August): 756-760.
- Cooper, Thomas A.** 2009. “Chemical reversal of the RNA gain of function in myotonic dystrophy.” *Proceedings of the National Academy of Sciences* **106** (3 November): 18433-18434.
- Cooper, Timothy F., Rebecca A. O’Leary, & Janice M. Lough.** 2012. “Growth of Western Australian Corals in the Anthropocene.” *Science* **335** (3 February): 593-596.
- Cooper, Vaughn S., Dominique Schneider, Michel Blot, & Richard E. Lenski.** 2001. “Mechanisms Causing Rapid and Parallel Losses of Ribose Catabolism in Evolving Populations of *Escherichia coli* B.” *Journal of Bacteriology* **183** (May, No. 9): 2834-2841.
- Cooper, W. James, & Scott J. Steppan.** 2010. “Developmental constraint on the evolution of marsupial forelimb morphology.” *Australian Journal of Zoology* **58** (1): 1-15.
- Cooperman, Alan.** 2007. “Is There Disdain For Evangelicals in the Classroom?” *The Washington Post* posting 5 May: online text accessed 9/23/2014 (www.washingtonpost.com).
- Cooray, Asantha.** 2006. “Sifting through the debris.” *Nature* **442** (10 August): 640-641.
- Copan, Paul.** 2008. “Does Religion Originate in the Brain?” *Christian Research Journal* **31** (2): online text accessed 9/20/2010 (equip.org).
- . 2011. “Does the Old Testament Endorse Slavery?” Assemblies of God *Enrichment Journal* posting Spring (online text at enrichmentjournal.ag.org accessed 2/27/2013).
- COPE.** 2013. “Board of Directors.” *Citizens for Objective Public Education* posting (online text at www.copeinc.org accessed 6/15/2013).
- COPE (Citizens for Objective Public Education), Douglas J. Patterson, John H. Calvert, Kevin T. Snider, Carl Reimer, Mary Angela Reimer, Sandra Nelson, Lee Morss, Toni Morss, Mark Redden, Angela Redden, Burke Pelton, Kelcee Pelton, Michael Leiby, Bre Ann Leiby, Jason Pelton, Robin Pelton, Carl Walston, Marisel Walston, David Prather, & Victoria Prather.** 2013. Civil Action No. 13-4119-KHV-JPO (*COPE et al. v. Kansas State Board of Education et al.*) Demand for Jury Trial in the United States District Court for the District of Kansas (online pdf via ncse.com accessed 12/12/2013).
- Copeland, Sandi R., Matt Sponheimer, Darryl J. de Ruiter, Julia A. Lee-Thorp, Daryl Codron, Petrus J. la Roux, Vaughan Grimes, & Michael P. Richards.** 2011. “Strontium isotope evidence for landscape use by early hominins.” *Nature* **474** (2 June): 76-78.
- Copeland, William E., Dieter Wolke, Suzet Tanya Lereya, Lilly Shanahan, Carol Worthman, & E. Jane Costello.** 2014. “Childhood bullying involvement predicts low-grade systemic inflammation into adulthood.” *Proceedings of the National Academy of Sciences* **111** (27 May): 7570-7575.
- Copf, Tijana, Nicolas Rabet, Susan E. Celniker, & Michalis Averof.** 2003. “Posterior patterning genes and the identification of a unique body region in the brine shrimp *Artemia franciscana*.” *Development (AKA Journal of Embryology and Experimental Morphology)* **130** (15 December): 5915-5927.

- Čopič, Martin.** 2013. “Nematic phase of achiral dimers spontaneously bends and twists.” *Proceedings of the National Academy of Sciences* **110** (1 October): 15855-15856.
- Coplen, Tyler B.** 2016. “Comment on ‘Reconciliation of the Devils Hole climate record with orbital forcing.’” *Science* **354** (21 October): 296.
- Copley, Richard R.** 2008. “The animal in the genome: comparative genomics and evolution.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **363** (27 April): 1453-1461.
- Copley, Shelley D.** 2000. “Evolution of a metabolic pathway for degradation of a toxic xenobiotic: the patchwork approach.” *Trends in Biochemical Sciences* **25** (June): 261-265.
- . 2009. “Evolution of efficient pathways for degradation of anthropogenic chemicals.” *Nature Chemical Biology* **5** (August): 559-566.
- Copley, Shelley D., Joseph Rokicki, Pernilla Turner, Hajnalka Daligault, Matt Nolan, & Miriam Land.** 2012. “The Whole Genome Sequence of *Sphingobium chlorophenolicum* L-1: Insights into the Evolution of the Pentachlorophenol Degredation Pathway.” *Genome Biology and Evolution* **4** (30 July): 184-198.
- Copley, Shelley D., Eric Smith, & Harold J. Morowitz.** 2007. “The origin of the RNA world: Co-evolution of genes and metabolism.” *Bioorganic Chemistry* **35** (December): 430-443.
- Coppa, A., L. Bondioli, A. Cucina, D. W. Frayer, C. Jarrige, J.-F. Jarrige, G. Quivron, M. Rossi, M. Vidale, & R. Macchiarelli.** 2006. “Early Neolithic tradition of dentistry.” *Nature* **440** (6 April): 755-756.
- Coppedge, David F.** 2000. “The World’s Greatest Creation Scientists.” *Bible & Science Library* posting (online text at creationsafaris.com accessed 9/5/2010).
- . 2001a. “Our Humanity: Gene Sequence, Gene Activity, or Something More?” *Creation Research Society Creation Matters* (March/April): 8.
- . 2001b. “The Code that Was.” *Creation Research Society Creation Matters* (March/April): 8.
- . 2002a. “Evolution Takes the Romance Out of Relationships.” *Creation-Evolution Headlines* posting 1 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002b. “Did Darwin Invent Molecular Motors?” *Creation-Evolution Headlines* posting 1 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002c. “Neptune’s Ring Arcs Still Mysterious.” *Creation-Evolution Headlines* posting 2 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002d. “Saddam Plans to Re-Open Ashurbanipal’s Library.” *Creation-Evolution Headlines* posting 3 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002e. “Fossil Flower Found in China: Does It Shed Light on Darwin’s ‘Abominable Mystery?’” *Creation-Evolution Headlines* posting 3 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002f. “God Don’t Make No Junk, *continued*.” *Creation-Evolution Headlines* posting 3 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002g. “Astrobiologists Envision All Scientific Disciplines Converging Into ‘PlanetaryBiology.’” *Creation-Evolution Headlines* posting 3 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002h. “Protein Interactions Prove Evolution?” *Creation-Evolution Headlines* posting 6 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002i. “Like a Diamond in the Sky.” *Creation-Evolution Headlines* posting 7 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002j. “Oxford Scientists Debunk Evolutionary Theory of Altruism.” *Creation-Evolution Headlines* posting 7 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002k. “Whale Evolution Hinged on Inner Ear Shrinkage.” *Creation-Evolution Headlines* posting 9 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002l. “The Eye: Best of All Possible Optics?” *Creation-Evolution Headlines* posting 9 May (online text at creationsafaris.com accessed 11/13/2002).
- . 2002m. “Animal Tracks a Billion Years Old, Researchers Claim.” *Creation-Evolution Headlines* posting 10 May (online text at creationsafaris.com accessed 11/13/2002).

- . 2002n. “More People Report ‘No Religion’—But What Does It Mean?” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002o. “College Denied Accreditation for Stance on Creation.” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002p. “How Abundant Is Life in the Universe?” *Creation-Evolution Headlines* posting 14 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002q. “Another DNA-Mending Protein Discovered.” *Creation-Evolution Headlines* posting 14 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002r. “New Zogby Poll Shows Ohioans Support Intelligent Design.” *Creation-Evolution Headlines* posting 14 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002s. “Governor Apologized to Eugenics Victims.” *Creation-Evolution Headlines* posting 14 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002t. “Hubble ‘Pillars of Creation’ Eroding Fast.” *Creation-Evolution Headlines* posting 15 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002u. “Mars Meteorite Is Dead.” *Creation-Evolution Headlines* posting 15 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002v. “Mendel Museum Laundered of Religion.” *Creation-Evolution Headlines* posting 15 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002w. “How Insect Heads Evolved.” *Creation-Evolution Headlines* posting 16 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002x. “Asteroid Crash Accelerated Rise of Large Dinosaurs.” *Creation-Evolution Headlines* posting 17 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002y. “DNA Has Its Own Immune System: RNA.” *Creation-Evolution Headlines* posting 17 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002z. “British Scientists Demand End to Darwin Monopoly.” *Creation-Evolution Headlines* posting 17 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002aa. “Life Didn’t Begin in Hot Springs.” *Creation-Evolution Headlines* posting 20 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ab. “Noted Evolutionist Stephen Jay Gould Dies.” *Creation-Evolution Headlines* posting 20 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ac. “Home Schoolers Dig Up Intact Allosaurus.” *Creation-Evolution Headlines* posting 21 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ad. “Chuck Colson Encourages Viewers to Ask PBS to Air Intelligent Design Documentary.” *Creation-Evolution Headlines* posting 21 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ae. “Self-Replicating Evolutionary Cycle Demonstrated in Test Tube.” *Creation-Evolution Headlines* posting 22 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002af. “Intact DNA Found in 465 Million Year Old Salt.” *Creation-Evolution Headlines* posting 23 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ag. “Cats Have Evolved to Manipulate Their Owners.” *Creation-Evolution Headlines* posting 23 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ah. “Binary Asteroids Puzzle Astronomers.” *Creation-Evolution Headlines* posting 24 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ai. “Apes Use Stone Tools, Too.” *Creation-Evolution Headlines* posting 24 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002aj. “Proposed Ohio Science Framework Squeezes out I.D., Dogmatizes Darwin.” *Creation-Evolution Headlines* posting 24 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ak. “Key Evolutionary Speciation Mechanism Questioned.” *Creation-Evolution Headlines* posting 28 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002al. “Mammal Family Tree A Conflicting Tangle.” *Creation-Evolution Headlines* posting 28 May (online text at *creationsafaris.com* accessed 11/13/2002).

- . 2002am. “Membrane Channels Are Doorways to Health—or Death.” *Creation-Evolution Headlines* posting 29 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002an. “How Did Uranus and Neptune Form?” *Creation-Evolution Headlines* posting 30 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ao. “Mouse Genome Released: Overturns Evolutionary Notions.” *Creation-Evolution Headlines* posting 31 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ap. “DNA Translation Machinery Is the Major Cell Building Project.” *Creation-Evolution Headlines* posting 31 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002aq. “Art Students Get Unexpected Dose of Creation Geology from Commencement Speaker.” *Creation-Evolution Headlines* posting 31 May (online text at *creationsafaris.com* accessed 11/13/2002).
- . 2002ar. “Viruses Made Men Out of Monkeys.” *Creation-Evolution Headlines* posting 1 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002as. “*National Geographic* Puzzles Over Russian *Homo* Fossils.” *Creation-Evolution Headlines* posting 1 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002at. “Is the Nucleus an Engulfed Organism?” *Creation-Evolution Headlines* posting 2 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002au. “Puzzling Fossils in California and Argentina.” *Creation-Evolution Headlines* posting 5 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002av. “100,001 Galaxies Revealed in New ESO Photograph.” *Creation-Evolution Headlines* posting 7 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002aw. “Can We Live Without SMCs? No!” *Creation-Evolution Headlines* posting 7 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002ax. “Hox Genes: Who Directs the Directors?” *Creation-Evolution Headlines* posting 7 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002ay. “Black Holes Set Limits on Changing Constant.” *Creation-Evolution Headlines* posting 8 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002az. “Why Did Man Take So Long to Learn Farming?” *Creation-Evolution Headlines* posting 8 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002ba. “Young T-Rex or New Species?” *Creation-Evolution Headlines* posting 12 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bb. “Humans Evolved Ability to Detect Cheaters.” *Creation-Evolution Headlines* posting 13 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bc. “Another Darwinian Theory Tested and Found Wanting.” *Creation-Evolution Headlines* posting 13 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bd. “Birds Have Thumbs, Dinosaurs Don’t.” *Creation-Evolution Headlines* posting 14 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002be. “Two Amino Acid Mutations Gave Man Speech.” *Creation-Evolution Headlines* posting 15 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bf. “Good Grief Takes Faith.” *Creation-Evolution Headlines* posting 16 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bg. “Amazing Facts Dept: the Information Storage Capacity of DNA.” *Creation-Evolution Headlines* posting 16 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bh. “Chinese Fossil Discovery Pushes Origin of Vertebrate Fish to Early Cambrian.” *Creation-Evolution Headlines* posting 21 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bi. “Founder of Modern Science Inspired by Bible Prophecy.” *Creation-Evolution Headlines* posting 22 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bj. “Evolutionary Algorithm Written – By Creationists.” *Creation-Evolution Headlines* posting 27 August (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2002bk. “Georgia School Board Votes Unanimously to Study Balanced Approach to Teaching Origins.” *Creation-Evolution Headlines* posting 23 August (online text at

- creationsafaris.com* accessed 3/2/2013).
- . 2002bl. “Mitochondria Challenge Evolutionary Speculations.” *Creation-Evolution Headlines* posting 26 August (online text at *creationsafaris.com* accessed 3/2/2013).
 - . 2002bm. “Physiologist Analyzes Early Man Claims, Dismisses Them as Farfetched Speculation.” *Creation-Evolution Headlines* posting 27 August (online text at *creationsafaris.com* accessed 3/2/2013).
 - . 2005a. “Roses Are Red, Darwinists Are Blue.” *Creation-Evolution Headlines* posting 9 June (online text at *creationsafaris.com* accessed 3/27/2013).
 - . 2005b. “Is Evo-Devo the Source of Endless Forms Most Beautiful?” *Creation-Evolution Headlines* posting 29 June (online text at *creationsafaris.com* accessed 3/27/2013).
 - . 2005c. “Did Old Metamorphic Rocks Form in Just 10 Years?” *Creation-Evolution Headlines* posting 30 June (online text at *creationsafaris.com* accessed 3/27/2013).
 - . 2005d. “Horse Evolution Tale Gets Hairier.” *Creation-Evolution Headlines* posting 30 June (online text at *creationsafaris.com* accessed 3/27/2013).
 - . 2006a. “Lawsuit Halts ID in Philosophy Class: Will it Backfire?” *Creation-Evolution Headlines* posting 25 January (online text at *creationsafaris.com* accessed 3/10/2014).
 - . 2006b. “Planet-Making a Lost Art.” *Creation-Evolution Headlines* posting 21 March (online text at *creationsafaris.com* accessed 6/13/2015).
 - . 2006c. “Mature at Birth: Universe Discredits Evolution.” *Institute for Creation Research Acts & Facts* (October): 1-4.
 - . 2006d. “Enceladus: A Cold, Youthful Moon.” *Institute for Creation Research Back to Genesis* (November): d.
 - . 2007a. “Dino Horns: As Smaller More Evolved?” *Creation-Evolution Headlines* posting 5 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007b. “Evolutionary Predictions Fail Observational Tests.” *Creation-Evolution Headlines* posting 8 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007c. “*Nature* Recommends Trimming the Bible.” *Creation-Evolution Headlines* posting 8 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007d. “Missing Link, or Just Jawboning About Ear Evolution?” *Creation-Evolution Headlines* posting 19 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007e. “Questions to Ask a Reductionist Neurobiologist.” *Creation-Evolution Headlines* posting 21 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007f. “*Stupid Evolution of the Week*: Monkeys Bang Rocks, Invent Culture.” *Creation-Evolution Headlines* posting 23 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007g. “Free Speech? Not When Darwin Is at Stake.” *Creation-Evolution Headlines* posting 25 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007h. “Geological Truisms Questioned.” *Creation-Evolution Headlines* posting 27 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007i. “New Dinos Found: What Do They Mean?” *Creation-Evolution Headlines* posting 27 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007j. “Leakey Manipulated His Apelike ‘Skull 1470’ to Look Human.” *Creation-Evolution Headlines* posting 27 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007k. “Desperately Seeking Macroevolution.” *Creation-Evolution Headlines* posting 28 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007l. “Did Indians See Jurassic Beast?” *Creation-Evolution Headlines* posting 30 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007m. “The Hot Moon Epidemic Spreads to the Suburbs.” *Creation-Evolution Headlines* posting 31 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007n. “*Stupid Evolution of the Week*: The Evolution of Shopper’s Arm.” *Creation-Evolution Headlines* posting 31 March (online text at *creationsafaris.com* accessed 1/21/2014).
 - . 2007o. “Two Films Fight the Consensus.” *Creation-Evolution Headlines* posting 31 March (online text at *creationsafaris.com* accessed 1/21/2014).

- . 2007p. “A Brain Emerged for Such a Worm as I.” *Creation-Evolution Headlines* posting 2 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007q. “Lord Kelvin’s Core Values Defended.” *Creation-Evolution Headlines* posting 2 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007r. “Evolutionist Trains Toddler to Adore Darwin.” *Creation-Evolution Headlines* posting 3 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007s. “Greenland Was Forest Green.” *Creation-Evolution Headlines* posting 6 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007t. “What Are Human Genes Doing in a Sea Anemone?” *Creation-Evolution Headlines* posting 8 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007u. “The War of the Museums.” *Creation-Evolution Headlines* posting 13 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007v. “News Reporters Knuckling Under to Darwinian Storytelling.” *Creation-Evolution Headlines* posting 17 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007w. “Keep the Stem Cell News Straight.” *Creation-Evolution Headlines* posting 19 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007x. “The *Simpsons* Producer Treats Evolution as Fact.” *Creation-Evolution Headlines* posting 26 July (online text at *creationsafaris.com* accessed 3/2/2013).
- . 2007y. “Imponderable Substances.” Institute for Creation Research *Acts & Facts* (August): 15.
- . 2008a. “Cosmology’s Errors Bars.” Institute for Creation Research *Acts & Facts* (July): 15.
- . 2008b. “Vice Presidential Candidates: You Have a Choice.” *Creation-Evolution Headlines* posting 1 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008c. “Amazonia Support a Cosmopolitan Civilization.” *Creation-Evolution Headlines* posting 2 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008d. “Cellular Machines Work Like Cameras, Winches and Turboprops.” *Creation-Evolution Headlines* posting 3 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008e. “Fully Gecko 40 Million Years Earlier?” *Creation-Evolution Headlines* posting 3 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008f. “Spore Game: Evolution or ID?” *Creation-Evolution Headlines* posting 4 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008g. “How Not to Prove Positive Selection.” *Creation-Evolution Headlines* posting 5 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008h. “Resurrecting Stalin’s Ghost.” *Creation-Evolution Headlines* posting 7 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008i. “Modeling Just-So Stories for Earth History.” *Creation-Evolution Headlines* posting 6 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008j. “Comet Conundrums Resist Bluffing.” *Creation-Evolution Headlines* posting 9 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008k. “Flightlessness Evolved Four Times.” *Creation-Evolution Headlines* posting 10 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008l. “Are You Too Dumb to Understand Evolution?” *Creation-Evolution Headlines* posting 10 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008m. “Naturalism and 9/11.” *Creation-Evolution Headlines* posting 11 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008n. “Animals Got Rhythm: Scientists Don’t.” *Creation-Evolution Headlines* posting 12 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008o. “Sea: the Light.” *Creation-Evolution Headlines* posting 13 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008p. “Turing Test Stands: Your Brain Outperforms Computers.” *Creation-Evolution Headlines* posting 14 September (online text at *creationsafaris.com* accessed 3/22/2012).
- . 2008q. “Anglican Official Says Church Should Apologize to Darwin.” *Creation-Evolution Headlines* posting 14 September (online text at *creationsafaris.com* accessed

- 3/22/2012).
- . 2008r. “Looking for Laws to Make Darwinism Scientific.” *Creation-Evolution Headlines* posting 15 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008s. “Short-Term Flings at Saturn’s Rings.” *Creation-Evolution Headlines* posting 16 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008t. “The Prevolution of Evolution: Life Marches In.” *Creation-Evolution Headlines* posting 17 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008u. “Is Dinosaur Diversity an Artifact of Headline-Hunting?” *Creation-Evolution Headlines* posting 17 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008v. “Ant What it Used to Be.” *Creation-Evolution Headlines* posting 18 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008w. “Liberals Less Skittish than Conservatives, Study Claims.” *Creation-Evolution Headlines* posting 19 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008x. “Questioning Earth’s Privileges.” *Creation-Evolution Headlines* posting 20 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008y. “Leaves Don’t Fall: They’re Pushed.” *Creation-Evolution Headlines* posting 22 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008z. “End of the Neanderthal Myth?” *Creation-Evolution Headlines* posting 23 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008aa. “Making Earths the Natural Way.” *Creation-Evolution Headlines* posting 24 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008ab. “Darwinists Root for Obama.” *Creation-Evolution Headlines* posting 28 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2008ac. “Did This Dino Have Bird Breath?” *Creation-Evolution Headlines* posting 29 September (online text at *creationsafaris.com* accessed 3/22/2012).
 - . 2009a. “Building Planets: Can’t Make Them, But Hurry.” *Creation-Evolution Headlines* posting 21 May (online text at *creationsafaris.com* accessed 6/13/2015).
 - . 2009b. “Debating in an Echo Chamber.” *Uncommon Descent* posting 16 September (online text at *uncommondescent.com* accessed 5/14/2011).
 - . 2010a. “Cosmic Energy: Creative or Destructive?” *Institute for Creation Research Acts & Facts* (May): 17.
 - . 2010b. “Dino-Feather Story Gets Fluffier.” *Creation-Evolution Headlines* posting 1 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010c. “Breakthrough: Second Genetic Code Revealed.” *Creation-Evolution Headlines* posting 6 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010d. “Can Darwin Be Rescued from a New Eye Discovery?” *Creation-Evolution Headlines* posting 7 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010e. “Humans and Neanderthals Are One.” *Creation-Evolution Headlines* posting 8 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010f. “Archaeopteryx Fossil Retains Original Soft-Tissue Material.” *Creation-Evolution Headlines* posting 10 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010g. “More Pow in the Cambrian Explosion.” *Creation-Evolution Headlines* posting 11 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010h. “Bacteria: Let’s Harness Those ‘Perfect Machines’.” *Creation-Evolution Headlines* posting 11 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010i. “Should Scientists Take Sides as Political Activists?” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010j. “Media Continues to Denounce ID, Crown Darwin.” *Creation-Evolution Headlines* posting 14 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010k. “Mt. St. Helens Recalls Overturned Paradigms.” *Creation-Evolution Headlines* posting 18 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010l. “How Science Is Done: Upsetting Applecarts.” *Creation-Evolution Headlines* posting 19 May (online text at *creationsafaris.com* accessed 2/20/2011).
 - . 2010m. “A Hairy Evolution Story.” *Creation-Evolution Headlines* posting 20 May

- (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2010n. “Should Darwin Get a Pass in Science Class?” *Creation-Evolution Headlines* posting 21 May (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2010o. “Who’s Denying the Evidence?” *Creation-Evolution Headlines* posting 25 May (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2010p. “Darwinism as All-Purpose Flexible Caulk.” *Creation-Evolution Headlines* posting 27 May (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2010q. “Nature’s Designs Excite Inventors.” *Creation-Evolution Headlines* posting 1 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010r. “Fine-Tuning Found in Life’s Rotary Engine.” *Creation-Evolution Headlines* posting 4 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010s. “Explosion of the Blob.” *Creation-Evolution Headlines* posting 5 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010t. “Ancient Earth Smackdown at Sante Fe Tells Global Story.” *Creation-Evolution Headlines* posting 10 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010u. “Conjuring Up Evolutionary Implications from Current Data.” *Creation-Evolution Headlines* posting 11 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010v. “Inserting Evolution into Data.” *Creation-Evolution Headlines* posting 13 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010w. “Universe Is Doomed.” *Creation-Evolution Headlines* posting 22 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010x. “Moon May Be Active Today.” *Creation-Evolution Headlines* posting 23 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010y. “Dinosaur Graveyards and Arctic Tortoises: Who’s Got the Context?” *Creation-Evolution Headlines* posting 24 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010z. “Atheist Doctors Might Kill You.” *Creation-Evolution Headlines* posting 30 August (online text at *creationsafaris.com* accessed 9/4/2010).
- . 2010aa. “Exoplanet Hunters Fail Predictions.” *Creation-Evolution Headlines* posting 31 August (online text at *creationsafaris.com* accessed 6/13/2015).
- . 2011a. “Long Life in Death Valley Claimed.” *Creation-Evolution Headlines* posting 13 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011b. “Cute Dinosaur Forced to Support Evolution.” *Creation-Evolution Headlines* posting 14 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011c. “Atheist Morality Theory Under Fire.” *Creation-Evolution Headlines* posting 24 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011d. “Evolutionists Admit It’s About Mistakes.” *Creation-Evolution Headlines* posting 26 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011e. “Rescuing Theories from the Evidence.” *Creation-Evolution Headlines* posting 28 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011f. “Darwinists Alarmed at Teachers’ Caution Over Evolution.” *Creation-Evolution Headlines* posting 29 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011g. “Dinosaur Bones Crack Open Surprises: Original Tissues.” *Creation-Evolution Headlines* posting 30 January (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011h. “How Bacteria Use Their Flagella.” *Creation-Evolution Headlines* posting 9 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011i. “Evolution Running Backwards.” *Creation-Evolution Headlines* posting 10 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011j. “Chernobyl Mutation Experiment Fails to Support Darwinism.” *Creation-Evolution Headlines* posting 12 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011k. “Anthropology: a Science in Crisis.” *Creation-Evolution Headlines* posting 16 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011l. “New Ediacaran Fossils: Do They Ignite the Cambrian Explosion?” *Creation-*

- Evolution Headlines* posting 17 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011m. “But Is It Evolution?” *Creation-Evolution Headlines* posting 18 February (online text at *creationsafaris.com* accessed 2/20/2011).
- . 2011n. “Intelligent Design Found in Bacteria.” *Creation-Evolution Headlines* posting 1 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011o. “Original Soft Tissue Found in Mosasaur Fossil.” *Creation-Evolution Headlines* posting 2 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011p. “Colorado Plateau Uplift: Solved?” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011q. “The Eyes Have It: Pro Software.” *Creation-Evolution Headlines* posting 5 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011r. “How to Fill in Missing Fossils: Imagine Them.” *Creation-Evolution Headlines* posting 9 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011s. “Weird Evolution Tricks.” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011t. “Dinosaur Classification Is a Mess.” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011u. “Fossils Support Evolution! (Because Evolution Is Assumed).” *Creation-Evolution Headlines* posting 13 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011v. “Peppered Moths Are Back.” *Creation-Evolution Headlines* posting 20 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011w. “Precambrian Rabbit or Evolutionary Transition?” *Creation-Evolution Headlines* posting 25 May (online text at *creationsafaris.com* accessed 2/22/2014).
- . 2011x. “Baloney Detector.” *Creation-Evolution Headlines* undated posting (online text at *creationsafaris.com* accessed 6/18/2011).
- . 2011y. “Biological Information Symposium a Success Despite threat of professional retaliation.” *The Mountain Daily News* 9 June posting (online text at *www.mountaindaily.com* accessed 2/27/2012).
- . 2011z. Plaintiff’s Trial Brief (1 December) re: *David Coppedge v. Jet Propulsion Laboratory, et al.* (online pdf via *ncse.com* accessed 3/26/2012).
- . 2012a. “Speaking of Science.” Creation Research Society *Creation Matters* (January/February): 9-10.
- . 2012b. “Speaking of Science.” Creation Research Society *Creation Matters* (May/June): 6-8.
- . 2012c. “Questioning the Dino-Bird Hypothesis.” *Creation-Evolution Headlines* 27 April posting (online text at *crev.info* accessed 1/20/2013).
- . 2012d. “Speaking of Science.” Creation Research Society *Creation Matters* (September/October): 7-11.
- . 2012e. “Speaking of Science.” Creation Research Society *Creation Matters* (July/August): 8-10.
- . 2012f. “Speaking of Science.” Creation Research Society *Creation Matters* (November/December): 7-9.
- . 2013a. “Wonders of the Spliceosome Coming to Light.” *Creation-Evolution Headlines* 3 June posting (online text at *crev.info* accessed 10/18/2013).
- . 2013b. “Scientists Dodge Youthfulness of Saturn Moon Enceladus.” *Creation-Evolution Headlines* 7 August posting (online text at *crev.info* accessed 5/23/2017).
- . 2013c. “Are Scientists Capable of Stupidity?” *Design Science Association Newsletter* September posting of *Creation-Evolution Headlines* article (online pdf at *www.pdxdsa.org* accessed 6/25/2014).
- . 2014a. “Astrobiolo-SETI: Science or Fantasy?” *Creation-Evolution Headlines* 20 January posting (online text at *crev.info* accessed 1/22/2014).
- . 2014b. “Bird Evolution Explodes.” *Creation-Evolution Headlines* 13 December posting (online text at *crev.info* accessed 12/14/2014).

- . 2015a. “A father-daughter team takes on the ‘selfish gene’ concept and considers the ribosome as the ‘missing link’ for lucky LUCA.” *Creation-Evolution Headlines* 7 January posting (online text at *crev.info* accessed 1/8/2015).
- . 2015b. “Planet Recipe Cooked Up.” *Creation-Evolution Headlines* 24 August posting (online text at *crev.info* accessed 2/5/2017).
- Coppedge, James F.** 1993. *Evolution: Possible or Impossible?* Private reprint of 1973 ed. Northridge, CA: Probability Research in Molecular Biology.
- Copper, Paul.** 1998. “Evaluating the Frasnian-Famennian mass extinction: Comparing brachiopod faunas.” *Acta Palaeontologica Polonica* **43** (2): 137-154.
- Coppola, Marie, & Elissa L. Newport.** 2005. “Grammatical Subjects in home sign: Abstract linguistic structure in adult primary gesture systems without linguistic input.” *Proceedings of the National Academy of Sciences* **102** (27 December): 19249-19253.
- Copulsky, Jerome E.** 2012. “Ross Douthat’s Rosy Old-Time Religion.” *Religion Dispatch* 19 June (online text at *religiondispatches.org* accessed 6/21/2012).
- Corander, Jukka, Thomas R. Connor, Cliona A. O’Dwyer, J. Simon Kroll, & William P. Hanage.** 2012. “Population structure in the *Neisseria*, and the biological significance of fuzzy species.” *Journal of the Royal Society Interface* **9** (June): 1208-1215.
- Corballis, Michael C.** 1999. “The Gestural Origins of Language.” *American Scientist* **87** (March-April): 138-145.
- . 2003. “From mouth to hand: Gesture, speech, and the evolution of right-handedness.” *Behavioral and Brain Sciences* **26** (2): 199-208.
- . 2007. “The Uniqueness of Human Recursive Thinking.” *American Scientist* **95** (May-June): 240-248.
- . 2008. “Time on our hands: How gesture and the understanding of the past and future helped shape language.” *Behavioral and Brain Sciences* **31** (5): 517.
- . 2009. “The evolution and genetics of cerebral asymmetry.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 April): 867-879.
- Corbett, Susan.** 2015. “How to Teach Evolution to Christians and Muslims.” *The Humanist* posting 2 February posting (online text at *thehumanist.com* accessed 2/2/2015).
- Corbey, Raymond, Adam Jagich, Krist Vaesen, & Mark Collard.** 2016. “The Acheulean Handaxe: More Like a Bird’s Song Than a Beatles’ Tune?” *Evolutionary Anthropology* **25** (January/February): 6-19.
- Corbin, Clark.** 2016. “House Committee Rejects Science and Humanities Standards.” *Idaho Education News* posting 2 February: online text accessed 2/14/2016 (www.idahoednews.org).
- Corbyn, Zoe.** 2009. “Probe leaves butterfly paper’s fate up in the air.” London *The Times Higher Education* posting 1 October: online text accessed 1/3/2012 (www.timeshighereducation.co.uk).
- Corchero, José L., & Juan Cedano.** 2011. “Self-assembling, protein-based intracellular bacterial organelles: emerging vehicles for encapsulating, targeting and delivering therapeutical cargoes.” *Microbial Cell Factories* **10** (3 November): 92.
- Corcoran, Aaron J., Jesse R. Barber, & William E. Conner.** 2009. “Tiger Moth Jams Bat Sonar.” *Science* **325** (17 July): 325-327.
- Corcoran, Kieran.** 2014. “Muslims found America first, announces Turkish president, who thinks Islamic explorers bear Columbus by 300 years.” Daily Mail *Mail Online* updated posting 16 November: online text accessed 11/16/2014 (dailymail.co.uk).
- Cordani, Umberto G., Leda Maria Fraga, Nelson Reis, & Colombo C. G. Tassinari.** 2010. “On the origin and tectonic significance of the intra-plate events of Grenvillian-type age in South America: A Discussion.” *Journal of South American Earth Sciences* **29** (January): 143-159.
- Cordaux, Richard, & Mark A. Batzer.** 2009. “The impact of retrotransposons on human genome evolution.” *Nature Reviews Genetics* **10** (October): 691-703.
- Cordaux, Richard, Swalpa Udit, Mark A. Batzer, & Cédric Feschotte.** 2006. “Birth of a chimeric primate gene by capture of the transposase gene from a mobile element.”

- Proceedings of the National Academy of Sciences* **103** (23 May): 8101-8106.
- Cordero, Gerardo Antonio.** 2014. "Re-emergence of the Painted Turtle (*Chrysemys picta*) as a reference species for evo-devo." *Evolution & Development* **16** (July-August): 184-188.
- Cordero, Otto X., & Paulien Hogeweg.** 2009. "The impact of long-distance horizontal gene transfer on prokaryotic genome size." *Proceedings of the National Academy of Sciences* **106** (22 December): 21748-21753.
- Cordero, Otto X., Laure-Anne Ventouras, Edward F. DeLong, & Martin F. Polz.** 2012. "Public good dynamics drive evolution of iron acquisition strategies in natural bacterioplankton populations." *Proceedings of the National Academy of Sciences* **109** (4 December): 20059-20064.
- Cordero, Otto X., Hans Wildschutte, Benjamin Kirkup, Sarah Proehl, Lynn Ngo, Fatima Hussain, Frederique Le Roux, Tracy Mincer, & Martin F. Polz.** 2012. "Ecological Populations of Bacteria Act as Socially Cohesive Units of Antibiotic Production and Resistance." *Science* **337** (7 September): 1228-1231.
- Cordes, Matthew H. J., Alan R. Davidson, & Robert T. Sauer.** 1996. "Sequence space, folding and protein design." *Current Opinion in Structural Biology* **6** (February): 3-10.
- Cordin, Olivier, Josette Banroques, N. Kyle Tanner, & Patrick Linder.** 2006. "The DEAD-box protein family of RNA helicases." *Gene* **367** (February): 17-37.
- Cordingley, Geoff.** 2010. "Seven reasons to believe the Bible." *The Truth* posting (online pdf at thetruth.org accessed 4/18/2015).
- Cordova, Salvador T.** 2004. "Response to Elsberry Shallit 2003." International Society For Complexity, Information, and Design *Brainstorms* posting 21 September (online text at iscid.org accessed 8/25/2011).
- . 2006a. "Haldane's Dilemma and peer-review." *Uncommon Descent Scordova* posting 15 May (online text at www.uncommondescent.com accessed 10/12/2011).
- . 2006b. "Airplane magnetos, contingency designs, and reasons ID will prevail." *Uncommon Descent Scordova* posting 14 June (online text at www.uncommondescent.com accessed 6/18/2011).
- . 2006c. "[quote mine] if truth be told, evolution hasn't yielded many practical or commercial benefits." *Uncommon Descent Scordova* posting 30 August (online text at www.uncommondescent.com accessed 5/6/2014).
- . 2006d. "Pro-ID geneticist Maciej Giertych in his own words." *Uncommon Descent Scordova* posting 16 October (online text at www.uncommondescent.com accessed 4/5/2013).
- . 2006e. "Molecular Clocks: Michael Denton continues to be vindicated." *Uncommon Descent Scordova* posting 14 December (online text at www.uncommondescent.com accessed 4/4/2015).
- . 2007a. "ISCID and ARN member Albert de Roos in 3 peer-reviewed journals." *Uncommon Descent Scordova* posting 19 April (online text at www.uncommondescent.com accessed 4/19/2011).
- . 2007b. "Ken Miller may face more embarrassing facts, Behe's DBB vindicated." *Uncommon Descent Scordova* posting 11 July (online text at www.uncommondescent.com accessed 5/21/2010).
- . 2010a. "Peer-Reviewed Article Critical of Darwinism by NAS Member, Evolution by Absence of Selection." *Uncommon Descent Scordova* posting 1 April (online text at www.uncommondescent.com accessed 11/3/2011).
- . 2010b. "Sanford's pro-ID thesis supported by PNAS paper, read it and weep, literally." *Uncommon Descent Scordova* posting 30 September (online text at www.uncommondescent.com accessed 4/2/2011).
- . 2011a. "Congrats Nick Matzke for Publishing ID Sympathetic Paper in Nature!" *Uncommon Descent Scordova* posting 19 March (online text at www.uncommondescent.com accessed 4/2/2011).
- . 2011b. "On The Calculation Of CSI." *Uncommon Descent Scordova* posting 25 March (online text at www.uncommondescent.com accessed 4/2/2011).

- . 2012a. “Pigliucci: nothing makes sense in biology except in the light of evolution—NOT!” *Uncommon Descent Scordova* posting 23 March (online text at www.uncommondescent.com accessed 5/15/2012).
- . 2012b. “From Atheist to Creationist: Nuclear Chemist Jay Wile.” *Uncommon Descent Scordova* posting 9 July (online text at www.uncommondescent.com accessed 3/30/2013).
- . 2012c. “The Shallowness of Bad Design Arguments.” *Uncommon Descent Scordova* posting 26 August (online text at www.uncommondescent.com accessed 8/27/2012).
- . 2012d. “Examples of Darwinist ‘Free’ Thought Blogging.” *Uncommon Descent Scordova* posting 27 August (online text at www.uncommondescent.com accessed 8/27/2012).
- . 2013a. “Peer Reviewed Paper: Neo-Darwinism falsified.” *Uncommon Descent Scordova* posting 19 May (online text at www.uncommondescent.com accessed 10/13/2013).
- . 2013b. “YEC John Hartnett accumulates almost 5.7 million dollars in science grants.” *Uncommon Descent Scordova* posting 26 May (online text at www.uncommondescent.com accessed 10/9/2013).
- . 2013c. “Cocktails! Falsifying Darwinism via falsifying the geological ‘column’.” *Uncommon Descent Scordova* posting 27 May (online text at www.uncommondescent.com accessed 1/6/2014).
- . 2013d. “YEC John Sanford—featured in Smithsonian National Museum of American History.” *Uncommon Descent Scordova* posting 6 June (online text at www.uncommondescent.com accessed 10/9/2013).
- . 2013e. “Hitler and the Nazi Darwinian worldview.” *Uncommon Descent Scordova* posting 4 July (online text at www.uncommondescent.com accessed 7/5/2013).
- . 2013f. “The ID views of a signatory of the Declaration of Independence on July 4, 1776.” *Uncommon Descent Scordova* posting 4 July (online text at www.uncommondescent.com accessed 7/5/2013).
- . 2013g. “‘Jesus Christ Our Intelligent Designer’.” *Uncommon Descent Scordova* posting 5 July (online text at www.uncommondescent.com accessed 7/5/2013).
- . 2013h. “Creationist support of eugenics and genocide in the past.” *Uncommon Descent Scordova* posting 5 July (online text at www.uncommondescent.com accessed 7/5/2013).
- . 2013i. “Cocktails! C14, DNA, collagen in dinosaurs indicates geological timescales are false.” *Uncommon Descent Scordova* posting 6 July (online text at www.uncommondescent.com accessed 1/6/2014).
- . 2013j. “If not Rupe and Sanford’s presentation (8/6/13), would you believe Wiki? In this case, yes.” *Uncommon Descent Scordova* posting 26 July (online text at www.uncommondescent.com accessed 8/2/2014).
- . 2013k. “Mark Armitage possibly the latest victim of the Darwinist inquisition.” *Uncommon Descent Scordova* posting 5 August (online text at www.uncommondescent.com accessed 7/24/2014).
- . 2013l. “ICC 2013: Geneticist Jeff Tomkins vs. Evolutionary Biologist who got laughed off stage.” *Uncommon Descent Scordova* posting 12 August (online text at www.uncommondescent.com accessed 12/11/2013).
- . 2013m. “Breaking News: Michael Shermer issues cease and desist order against PZ Myers.” *Uncommon Descent Scordova* posting 14 August (online text at www.uncommondescent.com accessed 8/21/2013).
- . 2013n. “New mechanism of evolution—POOF.” *Uncommon Descent Scordova* posting 15 August (online text at www.uncommondescent.com accessed 8/15/2013).
- . 2013o. “YEC Geneticist Jeff Tomkins pro-ID website and book *Design and Complexity of the Cell!*” *Uncommon Descent Scordova* posting 20 August (online text at www.uncommondescent.com accessed 12/11/2013).
- . 2014. “Evolutionary convergence saves creationist hypothesis over GULO.” *Uncommon Descent Scordova* posting 25 April (online text at www.uncommondescent.com accessed 1/16/2015).

Core, Andrew, Charles Runckel, Jonathan Ivers, Christopher Quock, Travis Siepno,

- Seraphina DeNault, Brian Brown, Joseph DeRisi, Christopher D. Smith, & John Hafernik.** 2012. “A New Threat to Honey Bees, the Parasitic Phorid Fly *Apocephalus borealis*.” *PLoS ONE* (online @ plosone.org) **7** (January): e29639.
- Core, Leighton J., & John T. Lis.** 2008. “Transcription Regulation Through Promoter-Proximal Pausing of RNA Polymerase II.” *Science* **319** (28 March): 1791-1792.
- Corfe, Ian J., & Richard J. Butler.** 2006. “Comment on ‘A Well-Preserved *Archaeopteryx* Specimen with Theropod Features’.” *Science* **313** (1 September): 1238.
- Corfu, F., L. M. Heaman, & H. Rogers.** 1994. “Polymetamorphic evolution of the Lewisian complex, NW Scotland, as recorded by U-Pb isotopic compositions of zircon, titanite and rutile.” *Contributions to Mineralogy and Petrology* **117** (August): 215-228.
- Coricelli, Giorgio, & Rosenmarie Nagel.** 2009. “Neural correlates of depth of strategic reasoning in medial prefrontal cortex.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9163-9168.
- Corl, Ammon, Alison R. Davis, Shawn R. Kuchta, & Berry Sinervo.** 2010. “Selective loss of polymorphic mating types is associated with rapid phenotypic evolution during morphic speciation.” *Proceedings of the National Academy of Sciences* **107** (2 March): 4254-4259.
- Corley, Matt.** 2009. “Sally Kern Returns To Blame America’s ‘Economic Woes’ On ‘Same-Sex Marriage’ and ‘Abortion’.” *Think Progress* 30 June posting (online text at thinkprogress.org accessed 2/16/2011).
- Corliss, William R.** 1985. “Galaxy Redshifts Come in Clumps.” *Science Frontiers* September-October No. 41 (online text at www.science-frontiers.com accessed 2/13/2013).
- . 1986. “Squirrels As Measures Of Geological Time.” *Science Frontiers* March-April No. 44 (online text at www.science-frontiers.com accessed 6/11/2014).
- Cormack, Lesley B.** 2009. “Myth 3: That Medieval Christians Taught That the Earth Was Flat,” in *Numbers* (2009a, 28-34).
- Corneli, Patrice Showers, & Ryk H. Ward.** 2000. “Mitochondrial Genes and Mammalian Phylogenies: Increasing the Reliability of Branch Length Estimation.” *Molecular Biology and Evolution* **17** (February): 224-234.
- Cornelis, Guillaume, Odile Heidmann, Sibylle Bernard-Stoecklin, Karine Reynaud, Géraldine Véron, Baptiste Mulot, Anne Dupressoir, & Thierry Heidmann.** 2012. “Ancestral capture of *syncytin-Car1*, a fusogenic endogenous retroviral *envelope* gene involved in placentation and conserved in Carnivora.” *Proceedings of the National Academy of Sciences* **109** (14 February): E432-E441.
- Cornelis, Guillaume, Odile Heidmann, Séverine A. Degrelle, Cécile Vernochet, Christian Lavialle, Claire Letzelter, Sibylle Bernard-Stoecklin, Alexandre Hassanin, Baptiste Mulot, Michel Guillomot, Isabelle Hue, Thierry Heidmann, & Anne Dupressoir.** 2013. “Captured retroviral envelope syncytin gene associated with the unique placental structure of higher ruminants.” *Proceedings of the National Academy of Sciences* **110** (26 February): E828-E837.
- Cornelis, Guillaume, Cécile Vernochet, Quentin Carradec, Sylvie Souquere, Baptiste Mulot, François Catzeflis, Maria A. Nilsson, Brandon R. Menzies, Marilyn B. Renfree, Gérard Pierron, Ulrich Zeller, Odile Heidmann, Anne Dupressoir, & Thierry Heidmann.** 2015. “Retroviral envelope gene captures and *syncytin* exaptation for placentation in marsupials.” *Proceedings of the National Academy of Sciences* **112** (20 January): E487-E496.
- Cornelis, Guillaume, Cécile Vernochet, Sébastien Malicorne, Sylvie Souquere, Athanasia C. Tzika, Steven M. Goodman, François Catzeflis, Terence J. Robinson, Michel C. Milinkovitch, Gérard Pierron, Odile Heidmann, Anne Dupressoir, & Thierry Heidmann.** 2014. “Retroviral envelope *syncytin* capture in an ancestrally diverged mammalian clade for placentation in the primitive Afrotherian tenrecs.” *Proceedings of the National Academy of Sciences* **111** (14 October): E4332-E4341.
- Cornelis, Guy R.** 2000. “Molecular and cell biology aspects of plague.” *Proceedings of the National Academy of Sciences* **97** (1 August): 8778-8783.
- Cornelius, R. M.** 2007. “William Jennings Bryan, The Scopes Trial, and *Inherit the Wind*.”

- Bryan College publication (online text at *bryan.edu* accessed 12/6/2009).
- Cornelius, Sean P., Joo Sang Lee, & Adilson E. Motter.** 2011. "Dispensability of *Escherichia coli*'s latent pathways." *Proceedings of the National Academy of Sciences* **108** (22 February): 3124-3129.
- Corner, Adam.** 2012. "Science literacy and climate views." *Nature Climate Change* **2** (October): 710-711.
- Cornerstone Ministries.* 2013. "The Origins Series." *Cornerstone Ministries* (Murraysville, PA) posting (online pdf at *storage.cloversites.com* accessed 5/16/2013).
- Cornet, Bruce.** 1989. "The reproductive morphology and biology of *Sanmiguela lewisii*, and its bearing on angiosperm evolution in the Late Triassic." *Evolutionary Trends in Plants* **3** (1): 25-51.
- . 1993. "Dicot-like leaf and flowers from the Late Triassic Tropical Newark Supergroup Rift Zone, U.S.A." *Modern Geology* **19**: 81-99.
- Cornetti, Luca, Francesco Belluardo, Samuele Ghielmi, Giovanni Giovine, Gentile F. Ficetola, Giorgio Bertorelle, Cristiano Vernesi, & Heidi C. Hauffe.** 2015. "Reproductive isolation between oviparous and viviparous lineages of the Eurasian common lizard *Zootoca vivipara* in a contact zone." *Biological Journal of the Linnean Society* **114** (March): 566-573.
- Cornetti, Luca, Michele Menegon, Giovanni Giovine, Benoit Heulin, & Cristiano Vernesi.** 2014. "Mitochondrial and Nuclear DNA Survey of *Zootoca vivipara* across the Eastern Italian Alps: Evolutionary Relationships, Historical Demography and Conservation Implications." *PLoS ONE* (online @ *plosone.org*) **9** (January): e85912.
- Corning, Peter A.** 2003. *Nature's Magic: Synergy in Evolution and the Fate of Humankind*. Cambridge: Cambridge University Press.
- . 2014. "Evolution 'on purpose': how behaviour has shaped the evolutionary process." *Biological Journal of the Linnean Society* **112** (June): 242-260.
- Cornish-Bowden, Athel.** 2013. "Curbing the excesses of low demand." *Nature* **500** (8 August): 157-158.
- Cornuke, Robert, & David Halbrook.** 2001. *Lost Mountains of Noah: The Discovery of the Real Mts. of Ararat*. Nashville, TN: Broadman & Holman Publishers.
- Cornwallis, Charlie K., Stuart A. West, Katie E. Davis, & Ashleigh S. Griffin.** 2010. "Promiscuity and the evolutionary transition to complex societies." *Nature* **466** (19 August): 969-972.
- Cornwell, John.** 2003. *Hitler's Scientists: Science, War, and the Devil's Pact*. 2004 pb ed. New York: Penguin Books.
- . 2009. "Mysteries of the Soul." *Literary Review* (March): online text accessed 7/5/2010 (*literaryreview.co.uk*).
- Corpus, Eric.** 2014. "Watch Principal Kevin Lowery Sneak References to God Into Public High School Graduation (VIDEO)." *The Christian Post* (5 June): online text accessed 6/18/2014 (*christianpost.com*).
- Corr, Phillip J., & Gerald Matthews,** eds. 2009. *Cambridge Handbook of Personality Psychology: Part IV, Biological Perspectives*. Cambridge: Cambridge University Press.
- Corradi, Nicolas, Daniel Croll, Alexandre Colard, Gerrit Kuhn, Martine Ehinger, & Ian R. Sanders.** 2007. "Gene Copy Number Polymorphisms in an Arbuscular Mycorrhizal Fungal Population." *Applied and Environmental Microbiology* **73** (January): 366-369.
- Corradi-Dell'Acqua, Corrado, Claudia Civai, Raffaella I. Rumiati, & Gereon R. Fink.** 2013. "Disentangling self- and fairness-related neural mechanisms involved in the ultimatum game: an fMRI study." *Social Cognitive & Affective Neuroscience* **8** (April): 424-431.
- Correia, Isabel, & Claudia Dalbert.** 2008. "School bullying: Belief in a personal just world of bullies, victims and defenders." *European Psychologist* **13** (4): 249-254.
- Corrie, Stacey L., & Matthew J. Kohn.** 2007. "Resolving the timing of orogenesis in the Western Blue Ridge, southern Appalachians, via in situ ID-TIMS monazite geochronology." *Geology* **35** (July): 627-630.
- Corrigan, Shannon, & Luciano B. Beheregaray.** 2009. "A recent shark radiation: Molecular

- phylogeny, biogeography and speciation of wobbegong sharks (family: Orectolobidae)." *Molecular Phylogenetics and Evolution* **52** (July): 205-216.
- Corruccini, Robert S., & Henry M. McHenry.** 2001. "Knuckle-walking hominid ancestors." *Journal of Human Evolution* **40** (June): 507-511.
- Corsetti, Frank A.,** ed. 2002. *Proterozoic-Cambrian of the Great Basin and Beyond, Pacific Section SEPM Book 93*. Tulsa, OK: Society for Sedimentary Geology.
- Corsetti, Frank A., Stanley M. Awramik, & David Pierce.** 2003. "A complex microbiota from snowball Earth times: Microfossils from the Neoproterozoic Kingston Peak Formation, Death Valley, USA." *Proceedings of the National Academy of Sciences* **100** (15 April): 4399-4404.
- Corsetti, Frank A., & James W. Hagadorn.** 2000. "Precambrian-Cambrian transition: Death Valley, United States." *Geology* **28** (April): 299-302.
- Corsi, Jerome R.** 2011a. "Did Giffords subscribe to assassin's YouTube?" *WorldNetDaily* (9 January): online text accessed 1/12/2011 (*wnd.com*).
- . 2011b. "What is it about twin girls born day after Obama?" *WorldNetDaily* (27 April): online text accessed 5/6/2011 (*wnd.com*).
- Corsi, Pietro.** 2005. "Before Darwin: Transformist Concepts in European Natural History." *Journal of the History of Biology* **38** (Spring): 67-83.
- Corson, Francis, Lydie Couturier, Hervé Rouault, Khalil Mazouni, & François Schweisguth.** 2017. "Self-organized Notch dynamics generate stereotyped sensory organ patterns in *Drosophila*." *Science* **356** (5 May): eaai7407.
- Corson, Francis, Olivier Hamant, Steffen Bohn, Jan Traas, Arezki Boudaoud, & Yves Couder.** 2009. "Turning plant tissue into a living cell froth through isotropic growth." *Proceedings of the National Academy of Sciences* **106** (26 May): 8453-8458.
- Cortes Barragan, Rodolfo, & Carol S. Dweck.** 2014. "Rethinking natural altruism: Simple reciprocal interactions trigger children's benevolence." *Proceedings of the National Academy of Sciences* **111** (2 December): 17071-17074.
- . 2015. "Reply to Warneken: Social experience can illuminate early emerging behaviors." *Proceedings of the National Academy of Sciences* **112** (10 March): E1053.
- Cortese, Matteo, Samantha Papal, Francisco Pisciotano, Ana Belén Elgoyhen, Jean-Pierre Hardelin, Christine Petit, Lucia Florencia Franchini, & Aziz El-Amraoui.** 2017. "Spectrin β V adaptive mutations and changes in subcellular location correlate with emergence of hair cell electromotility in mammalians." *Proceedings of the National Academy of Sciences* **114** (21 February): 2054-2059.
- Cortesi, Fabio, Zuzana Musilova, Sara M. Stieb, Nathan S. Hart, Ulrike E. Siebeck, Martin Malmstrøm, Ole K. Tørresen, Sissel Jentoft, Karen L. Cheney, N. Justin Marshall, Karen L. Carleton, & Walter Salzburger.** 2015. "Ancestral duplications and highly dynamic opsin gene evolution in percomorph fishes." *Proceedings of the National Academy of Sciences* **112** (3 February): 1493-1498.
- Cortez, Diego, Ray Marin, Deborah Toledo-Flores, Laure Froidevaux, Angélica Liechti, Paul D. Waters, Frank Grützner, & Henrik Kaessmann.** 2014. "Origins and functional evolution of Y chromosomes across mammals." *Nature* **508** (24 April): 488-493.
- Cortijo, Sandra René Wardenaar, Maria Colomé-Tatché, Arthur Gilly, Mathilde Etcheverry, Karine Labadie, Erwann Caillieux, Frédéric Hospital, Jean-Marc Aury, Patrick Wincker, François Roudier, Ritsert C. Jansen, Vincent Colot, & Frank Johannes.** 2014. "Mapping the Epigenetic Basis of Complex Traits." *Science* **343** (7 March): 1145-1148.
- Cortman, David A., Brett B. Harvey, Joel L. Oster, Kevin Theriot, Thomas G. Hungar, Thomas M. Johnson Jr., Derek S. Lyons, Sean Sandoloski, & Alex Gesch.** 2013a. "Brief for Petitioner" to the United States Court of Appeals for The Second Circuit (22 October) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf via www.americanbar.org accessed 4/13/2014).
- . 2013b. "Reply Brief for Petitioner" to the United States Court of Appeals for The Second Circuit (22 October) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf

- via www.americanbar.org accessed 4/13/2014).
- Cory-Kuehl, Rachel, & Klaus Kuehl.** 2002. "Our Favorite Web Sites." *Prophecy Viewpoint* undated posting (online text at www.prophecyviewpoint.com accessed 3/28/2002).
- . 2014. "Creation Science Recommendations." *Prophecy Viewpoint* undated posting (online text at www.prophecyviewpoint.com accessed 12/21/2014).
- Cosmic Pursuit.* 1998a. "Three Big Problems for Biology's Popular Paradigm Then ... Louis Agassiz ... and Now Michael J. Behe." *Cosmic Pursuit* **1** (Spring): 56-57.
- . 1998b. "Recommended Reading from the *Day Star Network*." *Cosmic Pursuit* **1** (Spring): 60-62.
- Cosner, Lita.** 2010. "D'Souza defends the afterlife; falls short on evolution." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **24** (2): 24-27.
- . 2011. "Badly designed arguments—'vestigial organs' revisited." *Creation Ministries International* posting 17 December (online text at creation.com accessed 7/8/2014).
- . 2012. "An eternal perspective on creation." Answers in Genesis *Creation* **34** (April): 40-43.
- Cosner, Lita, & Robert Carter.** 2011. "How does Göbekli Tepi fit with biblical history?" *Creation Ministries International* posting 26 July (online text at creation.com accessed 5/16/2013).
- Coss, Tom.** 2013a. "Proposition 11." Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- . 2013b. "Proposition 12." Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- Cossart, Pascale, & Philippe J. Sansonetti.** 2004. "Bacterial Invasion: The Paradigms of Enteroinvasive Pathogens." *Science* **304** (9 April): 242-248.
- Cossins, Andrew.** 1998. "Cryptic clues revisited." *Nature* **396** (26 November): 309-310.
- Cossins, Dan.** 2013a. "DNA Jumps Between Vertebrates." *The Scientist* posting 3 January (online text at the-scientist.com accessed 1/4/2016).
- . 2013b. "Measuring Consciousness." *The Scientist* posting 17 April (online text at the-scientist.com accessed 4/18/2013).
- . 2014. "Plant Talk." *The Scientist* posting 1 January (online text at the-scientist.com accessed 12/11/2014).
- Costa, A., & G. Macedonio.** 2003. "Viscous heating in fluids with temperature-dependent viscosity: implications for magma flows." *Nonlinear Processes in Geophysics* **10** (6): 545-555.
- Costa, Albert, Alice Foucart, Sayuri Hayakawa, Melina Aparici, Jose Apesteguia, Joy Heafner, & Boaz Keysar.** 2014. "Your Morals Depend on Language." *PLoS ONE* (online @ plosone.org) **9** (April): e94842.
- Costa, Cleide, & Simone Policena Rosa.** 2011. "Elateridae. Click Beetles. Wireworms." *The Tree of Life Web Project* February Version 26 posting (online text at tolweb.org accessed 11/19/2013).
- Costa, Elisenda, Miguel Garcés, Alberto Sâez, Lluís Cabrera, & Miguel López-Blanco.** 2011. "The age of the 'Grande Coupure' mammal turnover: New constraints from the Eocene-Oligocene record of the Eastern Ebro Basin (NE Spain)." *Palaeogeography, Palaeoclimatology, Palaeoecology* **301** (15 February): 97-107.
- Costa, E., & B. C. Vendeville.** 2002. "Experimental insights on the geometry and kinematics of fold-and-thrust belts above weak, viscous evaporitic décollement." *Journal of Structural Geology* **24** (1 November): 1729-1739.
- Costa, James T.** 2013. "Engaging with Lyell: Alfred Russel Wallace's Sarawak Law and Ternate papers as reactions to Charles Lyell's *Principles of Geology*." *Theory in Biosciences* **132** (December): 225-237.
- . 2014. "Rediscovering Wallace's 'Species Notebook'." *Reports of the National Center for Science Education* **34** (May-June): 1.1-1.5.
- Costa, Mário, Ana Marta Pereira, Paula J. Rudall, & Sílvia Coimbra.** 2013. "Immunolocalization of arabinogalactan proteins (AGPs) in reproductive structures of an

- early divergent angiosperm, *Trithuria* (Hydatallaceae).” *Annals of Botany* **111** (February): 183-190.
- Costa, Valerio, Amelia Casamassimi, Roberta Roberto, Fernando Gianfrancesco, Maria R. Matarazzo, Michele D’Urso, Maurizio D’Esposito, Mariano Rocchi, & Alfredo Ciccodicola.** 2009. “DDX11L: a novel transcript family emerging from human subtelomeric regions.” *BMC Genomics* (online @ biomedcentral.com) **10** (28 May): 250.
- Costandi, Moheb.** 2013. “Evidence-based justice: Corrupted memory.” *Nature News* (14 August) posting (online text at *nature.com* accessed 8/16/2013).
- Costanzo, Giovanna, Samanta Pina, Fabiana Ciciriello, & Ernesto Di Mauro.** 2009. “Generation of Long RNA Chains in Water.” *The Journal of Biological Chemistry* **284** (27 November): 33206-33216.
- Costanzo, Giovanna, Raffaele Saladino, Claudia Crestini, Fabiana Ciciriello, & Ernesto Di Mauro.** 2007. “Nucleotide Phosphorylation by Phosphate Minerals.” *The Journal of Biological Chemistry* **282** (8 June): 16729-16735.
- Coste, Bertrand, Jayanti Mathur, Manuela Schmidt, Taryn J. Earley, Sanjeev Ranade, Matt J. Petrus, Adrienne E. Dubin, & Ardem Patapoutian.** 2010. “Piezo1 and Piezo2 Are Essential Components of Distinct Mechanically Activated Cation Channels.” *Science* **330** (1 October): 55-60.
- Coste, Bertrand, & Ardem Patapoutian.** 2013. “Salty sensations.” *Nature* **494** (7 February): 44-45.
- Costechareyre, Denis, Franck Bertolla, & Xavier Nesme.** 2009. “Homologous Recombination in *Agrobacterium*: Potential Implications for the Genomic Species Concept in Bacteria.” *Molecular Biology and Evolution* **26** (January): 167-176.
- Costello, Mark J., Robert M. May, & Nigel E. Stork.** 2013a. “Can We Name Earth’s Species Before They Go Extinct?” *Science* **339** (25 January): 413-416.
- . 2013b. “Response to Comments on ‘Can We Name Earth’s Species Before They Go Extinct?’” *Science* **341** (19 July): 237.
- Costello, Warren R., & John B. Southard.** 1981. “Flume experiments on low-flow regime bed forms in coarse sand.” *Journal of Sedimentary Research* **51** (September): 849-864.
- Coster, Gideon, & John F. X. Diffley.** 2017. “Bidirectional eukaryotic DNA replication is established by quasi-symmetrical helicase loading.” *Science* **357** (21 July): 314-318.
- Côté, Stéphane, Julian House, & Robb Willer.** 2015. “High economic inequality leads higher-income individuals to be less generous.” *Proceedings of the National Academy of Sciences* **112** (29 December): 15838-15843.
- Cotherman, Audrey.** 2014. “How to compound mistakes.” *Star-Tribune* (Casper, Wyoming) posting 24 May: online text accessed 5/31/2014 (*trib.com*).
- Cothran, E. Gus, & Earl G. Zimmerman.** 1985. “Electrophoretic Analysis of the Contact Zone between *Geomys breviceps* and *Geomys bursarius*.” *Journal of Mammalogy* **66** (August): 489-497.
- Cothran, Martin.** 2008. “Intelligent Design: It’s a Creationist Plot.” Discovery Institute *Evolution News & Views* for 2 May (online text at *evolutionnews.org* accessed 9/17/2013).
- . 2013a. “New science standards overdo focus on climate change.” *Lexington Herald-Leader* posting 5 July: online text accessed 9/18/2013 (*www.kentucky.com*).
- . 2013b. “Richard Day gets it wrong again on the state’s science standards.” *Vital Remnants* 9 July posting (online text at *vereloqui.blogspot.com* accessed 9/18/2013).
- . 2013c. “School standards fall short.” *Courier-Journal* (Louisville, Kentucky) posting 8 September: online text accessed 9/18/2013 (*www.courier-journal.com*).
- Cotner, James B., & Edward K. Hall.** 2011. “Comment on ‘A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus’.” *Science* **332** (3 June): 1149.
- Cotner, Sehoya, D. Christopher Brooks, & Randy Moore.** 2010. “Is the Age of the Earth One of Our ‘Sorest Troubles?’ Students’ Perceptions About Deep Time Affect Their Acceptance of Evolutionary Theory.” *Evolution* **64** (March): 858-864.
- . 2014. “Science and Society: Evolution and Student Voting Patterns.” *Reports of the National Center for Science Education* **34** (November-December): 1.1-1.11.

- Cotton, James A., & James O. McInerney.** 2010. “Eukaryotic genes of archaeobacterial origin are more important than the more numerous eubacterial genes, irrespective of function.” *Proceedings of the National Academy of Sciences* **107** (5 October): 17252-17255.
- Cotton, James T., & Hemin A. Koyi.** 2000. “Modeling of thrust fronts above ductile and frictional detachments: Application to structures in the Salt Range and Potwar Plateau, Pakistan.” *The Geological Society of America GSA Bulletin* **112** (March): 351-363.
- Cotton, Richard G. H., Arleen D. Auerbach, Myles Axton, Carol Isaacson Barash, Samuel F. Berkovic, Anthony J. Brookes, John Burn, Garry Cutting, Johan T. den Dunnen, Paul Flicek, Nelson Freimer, Marc S. Greenblatt, Heather J. Howard, Michael Katz, Finlay A. Macrae, Donna Maglott, Gabriela Möslein, Sue Povey, Rajkumar S. Ramesar, Carolyn S. Richards, Daniela Seminara, Timothy D. Smith, Maria-Jesús Sobrido, Jan Helge Solbakk, Rudolph E. Tanzi, Sean V. Tavtigian, Graham R. Taylor, Joji Utsunomiya, & Michael Watson.** 2008. “The Human Variome Project.” *Science* **322** (7 November): 861-862.
- Cotton, Trevor J., & Simon J. Braddy.** 2004. “The phylogeny of arachnomorph arthropods and the origin of the Chelicerata.” *Transactions of the Royal Society of Edinburgh: Earth Sciences* **94** (September): 169-193.
- Cottrell, David, Peter S. Swain, & Paul F. Tupper.** 2012. “Stochastic branching-diffusion models for gene expression.” *Proceedings of the National Academy of Sciences* **109** (19 June): 9750-9754.
- Cottrell, Gilles, Lise Musset, Véronique Hubert, Jacques Le Bras, Jérôme Clain, & the Atovaquone-Proguanil Treatment Failure Study Group.** 2014. “Emergence of Resistance to Atovaquone-Proguanil in Malaria Parasites: Insights from Computational Modeling and Clinical Case Reports.” *Antimicrobial Agents and Chemotherapy* **58** (August): 4504-4514.
- Cottrell, Justin.** 2012. “An Unholy Alliance: Jewish Influence on Creationists.” *Tribal Theocrat* April posting (online text at tribaltheocrat.com accessed 1/25/2015).
- Couëffé, Renaud, Bernadette Tessier, Patrick Gigot, & Bernard Beaudoin.** 2004. “Tidal Rhythmites as Possible Indicators of Very Rapid Subsidence in a Foreland Basin: An Example from the Miocene Marine Molasse Formation of the Digne Foreland Basin, SE France.” *Journal of Sedimentary Research* **74** (November): 746-759.
- Coufal, Nicole G., José Luis Garcia-Perez, Grace E. Peng, Maria C. N. Marchetto, Alysson R. Muotri, Yangling Mu, Christian T. Carson, Angela Macia, John V. Moran, & Fred H. Gage.** 2011. “Ataxia telangiectasia mutated (ATM) modulates long interspersed element-1 (L1) retrotransposition in human neural stem cells.” *Proceedings of the National Academy of Sciences* **108** (20 December): 20382-20387.
- Coughenour, Christopher L., Allen W. Archer, & Kenneth J. Lacovara.** 2009. “Tides, tidalites, and secular changes in the Earth-Moon system.” *Earth-Science Reviews* **97** (December): 59-79.
- Cougnon, Fabien B. L., & Jeremy K. M. Sanders.** 2012. “Evolution of Dynamic Combinatorial Chemistry.” *Accounts of Chemical Research* **45** (December): 2211-2221.
- Coulombe, Pierre A., & M. Bishr Omary.** 2002. “‘Hard’ and ‘soft’ principles defining the structure, function and regulation of keratin intermediate filaments.” *Current Opinion in Cell Biology* **14** (February): 110-122.
- Coulombis, Angela, & Amy Worden.** 2013. “Pa. Lawmaker’s education bill reignites creationism debate.” *The Philadelphia Inquirer* posting 4 August: online text accessed 8/9/2013 (articles.philly.com).
- Coulson, Andrew F. W., & John Moulton.** 2002. “A unfold, mesofold, and superfold model of protein fold use.” *Proteins: Structure, Function, and Bioinformatics* **46** (1 January): 61-71.
- Coulson, Andrew J.** 2008. “Gimme that Ol’ Time Science....” *Cato Institute Cato @ Liberty* 22 January blog posting (online text at www.cato-at-liberty.org accessed 1/23/2008).
- Coulter, Ann.** 2002. *Slander: Liberal Lies about the American Right*. New York: Crown.
- . 2003a. *Treason: Liberal Treachery from the Cold War to the War on Terrorism*. New York: Crown.

- . 2003b. “Place your right hand on the Quran and repeat after me.” *WorldNetDaily* (31 December): online text accessed 2/24/2004 (*wnd.com*).
- . 2006. *Godless: The Church of Liberalism*. New York: Crown.
- . 2009. “It’s the winter solstice, Charlie Brown!” *Jewish World Review* 25 September posting (online text at *www.jewishworldreview.com* accessed 8/20/2012).
- . 2010. “Obama is Not a Muslim.” *Townhall Columnists* 1 September posting (online text at *townhall.com* accessed 10/28/2013).
- Coulthard, Tom J., Jorge A. Ramirez, Nick Barton, Mike Rogerson, & Tim Brücher.** 2013. “Were Rivers Flowing across the Sahara During the Last Interglacial? Implications for Human Migration through Africa.” *PLoS ONE* (online @ *plosone.org*) **8** (September): e74834.
- Coumou, Dim, Vladimir Petoukhov, Stefan Rahmstorf, Stefan Petri, & Hans Joachim Schellnhuber.** 2014. “Quasi-resonant circulation regimes and hemispheric synchronization of extreme weather in boreal summer.” *Proceedings of the National Academy of Sciences* **111** (26 August): 12331-12336.
- Council for National Policy.* 2014. “Membership Directory 2014.” *Southern Poverty Law Center* posting (online pdf at *www.splcenter.org* accessed 8/19/2016).
- Countryman, Edward, Justin Fisher, Randall Scalise, Steven Sverdlik, John Ubelaker, Pia Vogel, Ronald Wetherington, & John Wise.** 2010. “SMU professors speak out against Darwin presentation.” *Southern Methodist University Daily Campus* posting 27 September (online text at *smudailycampus.com* accessed 10/4/2010).
- Couradeau, E., K. Benzerara, E. Gérard, I. Estève, D. Moreira, R. Tavera, & Purificación López-García.** 2013. “Cyanobacterial calcification in modern microbialites at the submicrometer scale.” *Biogeosciences* (online @ *biogeosciences.net*) **10**: 5255-5266.
- Couradeau, Estelle, Karim Benzerara, Emmanuelle Gérard, David Moreira, Sylvain Bernard, Gordon E. Brown Jr., & Purificación López-García.** 2012. “An Early-Branching Microbialite Cyanobacterium Forms Intracellular Carbonates.” *Science* **336** (27 April): 459-462.
- Courseaux, Anouk, & Jean-Louis Nahon.** 2001. “Birth of Two Chimeric Genes in the *Hominidae* Lineage.” *Science* **291** (16 February): 1293-1297.
- Courtillot, Vincent,** trans. Joe McClinton. 1999. *Evolutionary Catastrophes: The Science of Mass Extinction*. Cambridge: Cambridge University Press.
- Courtiol, Alexandre, Jenni E. Pettay, Markus Jokela, Anna Rotkirch, & Virpi Lummaa.** 2012. “Natural and sexual selection in a monogamous historical human population.” *Proceedings of the National Academy of Sciences* **109** (22 May): 8044-8049.
- Courtiol, Alexandre, Felix C. Tropf, & Melinda C. Mills.** 2016. “When genes and environment disagree: Making sense of trends in recent human evolution.” *Proceedings of the National Academy of Sciences* **113** (12 July): 7693-7695.
- Courtney, Colleen M., & Anushree Chatterjee.** 2014. “cis-Antisense RNA and Transcriptional Interference: Coupled Layers of Gene Regulation.” *Journal of Gene Therapy* **2** (February): 9.
- Courtney, Robert, Nik Sachlikidis, Rhondda Jones, & Jamie Seymour.** 2015. “Prey Capture Ecology of the Cubozoan *Carukia barnesi*.” *PLoS ONE* (online @ *plosone.org*) **10** (May): e0124256.
- Cousijn, Helena, Mark Rijpkema, Shaozheng Qin, Hein J. F. van Marle, Barbara Franke, Erno J. Hermans, Guido van Wingen, & Guillén Fernández.** 2010. “Acute stress modulates genotype effects on amygdala processing in humans.” *Proceedings of the National Academy of Sciences* **107** (25 May): 9867-9872.
- Cousineau, Marion, Josh H. McDermott, & Isabelle Peretz.** 2012. “The basis of musical consonance as revealed by congenital amusia.” *Proceedings of the National Academy of Sciences* **109** (27 November): 19858-19863.
- Couso, Juan Pablo.** 2009. “Segmentation, metamerism and the Cambrian explosion.” *International Journal of Developmental Biology* **53** (8-10): 1305-1316.
- . 2011. “Hedgehog, Patched and Dispatched near the basement.” *Proceedings of the*

- National Academy of Sciences* **108** (2 August): 12565-12566.
- Coutandin, Daniel, Horng Der Ou, Frank Löhr, & Volker Dötsch.** 2010. "Tracing the protectors path from the germ line to the genome." *Proceedings of the National Academy of Sciences* **107** (31 August): 15318-15325.
- Couvillion, Mary T., Iliana C. Soto, Gergana Shipkovenska, & Sterling Churchman.** 2016. "Synchronized mitochondrial and cytosolic translation programs." *Nature* **533** (26 May): 499-503.
- Couvillion, Vic.** 2010. "School Board might OK teaching creationism." *Baton Rouge Advocate* posting 24 July; online text accessed 2/17/2010 (*theadvocate.com*).
- Couzin, Iain D., Christos C. Ioannou, Güven Demirel, Thilo Gross, Colin J. Torney, Andrew Hartnett, Larissa Conratt, Simon A. Levin, & Naomi E. Leonard.** 2011. "Uninformed Individuals Promote Democratic Consensus in Animal Groups." *Science* **334** (16 December): 1578-1580.
- Couzin, Jennifer.** 2008a. "Crossing the Divide." *Science* **319** (22 February): 1034-1036.
- . 2008b. "MicroRNAs Make Big Impression in Disease After Disease." *Science* **319** (28 March): 1782-1784.
- Couzin-Frankel, Jennifer.** 2010. "Court to Weigh University's Decision Not to Hire Astronomer." *Science* **330** (24 December): 1731.
- . 2011. "The Prion Heretic." *Science* **332** (27 May): 1024-1027.
- . 2013. "For \$60, a Peek Inside Your Dog's Mind." *Science* **339** (18 January): 260-261.
- Couzin-Frankel, Jennifer, & Dennis Normile.** 2012. "Questions About Japanese Researcher Go Back Years." *Science* **338** (26 October): 452-454.
- Covaleskie, John F.** 2011. "Public Speech and Religion in the Public Square: Creating Citizens who can Breach the Wall." Woodring College of Education (Western Washington University) *Journal of Educational Controversy* **6** (Fall): online text accessed 12/3/2013 (www.wce.wvu.edu).
- Covenant United Reformed Church.* 2002. "Other Web Sites of Interest." *Covenant United Reformed Church* (Kalamazoo Michigan) posting (online text at www.covenant-urc.org accessed 3/28/2014).
- Covert, Arthur W. III, Richard E. Lenski, Claus O. Wilke, & Charles Ofria.** 2013. "Experiments on the role of deleterious mutations as stepping stones in adaptive evolution." *Proceedings of the National Academy of Sciences* **110** (20 August): E3171-E3178.
- Covert, Harry.** 1982. "Nebraska Battleground Draws National Attention to Religious Freedom." *Fundamentalist Journal* **1** (December): 52-53.
- Covey, Jon.** 1997a. "The Rise of Birds." *Creation In The Crossfire* 12 January 2013 posting of undated article (online text at www.creationinthecrossfire.com accessed 10/19/2014).
- . 1997b. "Catastrophic Plate Tectonics Part I." *Creation In The Crossfire* 3 January 2013 posting of undated article (online text at www.creationinthecrossfire.com accessed 10/19/2014).
- . 1997c. "Catastrophic Plate Tectonics Part II." *Creation In The Crossfire* 6 January 2013 posting of undated article (online text at www.creationinthecrossfire.com accessed 10/19/2014).
- . 1997d. "Catastrophic Plate Tectonics Part III." *Creation In The Crossfire* 5 January 2013 posting of undated article (online text at www.creationinthecrossfire.com accessed 10/19/2014).
- . 1997e. "Catastrophic Plate Tectonics Part IV." *Creation In The Crossfire* 2 January 2013 posting of undated article (online text at www.creationinthecrossfire.com accessed 10/19/2014).
- . 1998. "Archaeopteryx: The Trump Card of Evolution." *Creation In The Crossfire* revised posting of undated article (online text at www.creationinthecrossfire.com accessed 1/22/2003).
- . 1998. "The Rise of Birds." *Creation In The Crossfire* 12 January posting (online text at www.creationinthecrossfire.com accessed 2/22/2015).
- Covington, Michael A.** 2005. "4004 B.C. and all that." *Covington Innovations* 22 August

- posting (online text at www.covingtoninnovations.com accessed 5/15/2014).
- . 2011. “Christianity and Science, 2: Evolution.” *Covington Innovations* revised posting of 7 November 1999 Beech Haven Baptist Church article (online text at www.covingtoninnovations.com accessed 5/15/2014).
- . 2013a. “Astronomy and the Star of Bethlehem.” *Covington Innovations* 22 December posting (online text at www.covingtoninnovations.com accessed 5/15/2014).
- . 2013b. “Science, religion, creationism, and the Big Bang.” *Covington Innovations* 22 December posting (online text at www.covingtoninnovations.com accessed 5/15/2014).
- Cowan, Doug.** 2005. “Teaching students to be ‘competent jurors’.” *The Christian Science Monitor* (31 May); online text accessed 5/26/2014 (csmonitor.com).
- . 2008. “Pearls of Wisdom.” University Place School District *Dialog* **28** (July); online pdf accessed 5/26/2014 (www.upsd.wednet.edu).
- . 2010. “The Keys to Success—V.I.K.E.S.” University Place School District *Dialog* **30** (July); online pdf accessed 5/26/2014 (www.upsd.wednet.edu).
- . 2011. “Last Pearls of Wisdom.” University Place School District *Dialog* **31** (July); online pdf accessed 5/26/2014 (www.upsd.wednet.edu).
- Cowan, Richard, & Chris Frith.** 2009. “Do calendrical savants use calculation to answer date questions? A functional magnetic resonance imaging study.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1417-1424.
- Cowan, T.** 2000. “Book Reviews.” *Journal of Anatomy* **197** (October): 516-517.
- Cowsavage, Kiriana K., David E. A. Bush, Sheena A. Josselyn, Eric Klann, & Joseph E. LeDoux.** 2013. “Basal variability in CREB phosphorylation predicts trait-like differences in amygdala-dependent memory.” *Proceedings of the National Academy of Sciences* **110** (8 October): 16645-16650.
- Coward, Fiona, & Clive Gamble.** 2008. “Big brains, small worlds: material culture and the evolution of the mind.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (June): 1969-1979.
- Cowburn, Ashley.** 2016. “Saudi Arabia sentences a man to 10 years in prison and 2,000 lashes for expressing his atheism on Twitter.” *The Independent* posting 27 February (online text at independent.co.uk accessed 2/27/2016).
- Cowell, Jason M., & Jean Decety.** 2015. “Precursors to morality in development as a complex interplay between neural, socioenvironmental, and behavioral facets.” *Proceedings of the National Academy of Sciences* **112** (13 October): 12657-12662.
- Cowen, Ron.** 2003. “Galaxy Hunters.” *National Geographic* **203** (February): 2-29.
- . 2012. “Question over theory of lunar formation.” *Nature News* (25 March) posting (online text at nature.com accessed 6/20/2012).
- . 2013a. “Cosmic dawn.” *Nature* **497** (30 May): 554-556.
- . 2013b. “Astronomers surprised by large space rock less dense than water.” *Nature News* (13 November) posting (online text at nature.com accessed 1/21/2014).
- . 2014a. “Telescope captures view of gravitational waves.” *Nature* **507** (20 March): 281-283.
- . 2014b. “Big Bang finding challenged.” *Nature* **510** (5 June): 20.
- . 2015. “The quantum source of space-time.” *Nature* **527** (19 November): 290-293.
- . 2016. “Ancient Babylonians took first steps to calculus.” *Science* **351** (29 January): 435.
- Cowgirl.** 2011a. “Fringe Political Element’s Election Plot Uncovered.” *Montana Cowgirl Blog* 22 April posting (online text at mtcowgirl.com accessed 11/5/2011).
- . 2011b. “Dennis Rehberg Screws Up Again, Not as ‘Cash Poor’ as First Reported.” *Montana Cowgirl Blog* 29 June posting (online text at mtcowgirl.com accessed 11/5/2011).
- . 2012. “A Wingnut and a Prayer.” *Montana Cowgirl Blog* 14 June posting (online text at mtcowgirl.com accessed 1/5/2014).
- Cowie, Fiona.** 2003. “Hurford’s partial vindication of classical empiricism.” *Behavioral and Brain Sciences* **26** (3): 289-290.
- Cowie, Robert H., & Brendan S. Holland.** 2006. “Dispersal is fundamental to biogeography and the evolution of biodiversity on oceanic islands.” *Journal of Biogeography* **33**

- (February): 193-198.
- . 2008. “Molecular biogeography and diversification of the endemic terrestrial fauna of the Hawaiian islands.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 October): 3363-3376.
- Cowles, Gregory.** 2009. “William Steig’s Creationist Fable.” *The New York Times Arts Beat* blog posting 14 April (online text at artsbeat.blogs.nytimes.com accessed 2/25/2013).
- Cowley, Robert,** ed. 2001. *The Collected What If? Eminent Historians Imagining What Might Have Been.* New York: G. P. Putnam’s Sons.
- Cowman, Alan F., & Christopher J. Tonkin.** 2011. “A Tail of Division.” *Science* **331** (28 January): 409-410.
- Cox, C. Barry.** 1998. “The jaw function and adaptive radiation of the dicynodont mammal-like reptiles of the Karoo basin of South Africa.” *Zoological Journal of the Linnean Society* **122** (January): 349-384.
- Cox, Cymon J., Peter G. Foster, Robert P. Hirt, Simon R. Harris, & T. Martin Embley.** 2008. “The archaeobacterial origin of eukaryotes.” *Proceedings of the National Academy of Sciences* **105** (23 December): 20356-20361.
- Cox, Daniel, & Joanna Piacenza.** 2015. “Is America a Christian Nation? Majority of Americans Don’t Think So.” 2 June release (online text at publicreligion.org accessed 12/28/2015).
- Cox, Michael M.** 2009. “A new look at the human Rad51 protein.” *Proceedings of the National Academy of Sciences* **106** (11 August): 13147-13148.
- Cox, Nicholas, Marius Retegan, Frank Neese, Dimitrios A. Pantazis, Alain Boussac, & Wolfgang Lubitz.** 2014. “Electronic structure of the oxygen-evolving complex in photosystem II prior to O-O formation.” *Science* **345** (15 August): 804-808.
- Cox, Stan.** 2005. “Monkey Trial or Kangaroo Court?” *AlterNet News & Politics* 19 May (online text at alternet.org accessed 1/23/2014).
- Cox, Wade.** 1998. “Genealogy of the Messiah (No. 119).” *Christian Churches of God* (Australia) updated posting (online text at www.ccg.org accessed 7/3/2002).
- Coxworth, James E., Peter S. Kim, John S. McQueen, & Kristen Hawkes.** 2015. “Grandmothering life histories and human pair bonding.” *Proceedings of the National Academy of Sciences* **112** (22 September): 11806-11811.
- Coyle, Susan M., Felicity A. Huntingford, & Catherine L. Peichel.** 2007. “Parallel Evolution of *Pitx1* Underlies Pelvic Reduction in Scottish Threespine Stickleback (*Gasterosteus aculeatus*).” *Journal of Heredity* **98** (September): 581-586.
- Coyne, George V.** 2005. “The Dance of the Fertile Universe.” Handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- Coyne, Jerry A.** 1994. “Ernst Mayr and the Origin of Species.” *Evolution* **48** (February): 19-30.
- . 1996a. “Speciation in Action.” *Science* **272** (3 May): 700-701.
- . 1996b. “God in the details.” *Nature* **383** (19 September): 227-228.
- . 1997. “More Crank Science.” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- . 1998. “Not black and white.” *Nature* **396** (5 November): 35-36.
- . 2001. “Creationism by stealth.” *Nature* **410** (12 April): 745-746.
- . 2005. “Switching on evolution.” *Nature* **435** (23 June): 1029-1030.
- . 2006a. “Comment on ‘Gene Regulatory Networks and the Evolution of Animal Body Plans’.” *Science* **313** (11 August): 761b.
- . 2006b. “Selling Darwin.” *Nature* **442** (31 August): 983-984.
- . 2009a. “Seeing and Believing.” *The New Republic* 4 February posting: online text accessed 1/25/2009 (tnr.com).
- . 2009b. “Simon Conway Morris becomes a creationist.” *Why Evolution Is True* posting 14 February (online text at whyevolutionistrue.wordpress.com accessed 10/4/2010).
- . 2009c. “Sexual parasitism in anglerfish.” *Why Evolution Is True* posting 25 February (online text at whyevolutionistrue.wordpress.com accessed 1/2/2013).
- . 2009d. *Why Evolution Is True.* New York: Viking Press.

- . 2009e. “Of what value is evolutionary biology in medicine?” *Why Evolution Is True* posting 3 April (online text at whyevolutionistrue.wordpress.com accessed 7/2/2011).
- . 2009f. “Truckling to the Faithful: A Spoonfull of Jesus Helps Darwin Go Down.” *Why Evolution Is True* posting 22 April (online text at whyevolutionistrue.wordpress.com accessed 4/27/2009).
- . 2009g. “Francis Collins pollutes science with religion.” *Why Evolution Is True* posting 27 July (online text at whyevolutionistrue.wordpress.com accessed 9/5/2011).
- . 2009h. “Worst paper of the year?” *Why Evolution Is True* posting 4 September (online text at whyevolutionistrue.wordpress.com accessed 4/18/2011).
- . 2009i. “Bad design: a theological or a scientific argument?” *Why Evolution Is True* posting 10 December (online text at whyevolutionistrue.wordpress.com accessed 8/24/2011).
- . 2009j. “Big creationist mess in L.A.” *Why Evolution Is True* posting 29 December (online text at whyevolutionistrue.wordpress.com accessed 10/4/2010).
- . 2009k. “Must we always cater to the faithful when teaching science?” *EDGE* posting (online text accessed 8/2/2014 at edge.org).
- . 2010a. “Darwin’s Dilemma: I watched it so you don’t have to.” *Why Evolution Is True* posting 20 January (online text at whyevolutionistrue.wordpress.com accessed 10/4/2010).
- . 2010b. “A paleobiologist’s response to *Darwin’s Dilemma*.” *Why Evolution Is True* posting 13 February (online text at whyevolutionistrue.wordpress.com accessed 10/4/2010).
- . 2010c. “Spiders to Fodor: get lost!” *Why Evolution Is True* posting 23 February (online text at whyevolutionistrue.wordpress.com accessed 4/22/2015).
- . 2010d. “Evolution, animals, and gay behavior.” *Why Evolution Is True* posting 4 April (online text at whyevolutionistrue.wordpress.com accessed 9/21/2012).
- . 2010e. “Ecklund is framing again.” *Why Evolution Is True* posting 28 June (online text at whyevolutionistrue.wordpress.com accessed 4/6/2014).
- . 2010f. “Albert Mohler: faith and science not compatible, sin makes Earth look old.” *Why Evolution Is True* posting 8 July (online text at whyevolutionistrue.wordpress.com accessed 7/18/2010).
- . 2010g. “‘Relentless attacks’ on clergy?” *Why Evolution Is True* posting 16 July (online text at whyevolutionistrue.wordpress.com accessed 7/18/2010).
- . 2010h. “4 out of 10 Americans think Jesus will be here soon.” *Why Evolution Is True* posting 16 July (online text at whyevolutionistrue.wordpress.com accessed 7/18/2010).
- . 2010i. “Selective creationists.” *Why Evolution Is True* posting 17 July (online text at whyevolutionistrue.wordpress.com accessed 7/18/2010).
- . 2010j. “Baleen whales: a lovely transitional form.” *Why Evolution Is True* posting 22 July (online text at whyevolutionistrue.wordpress.com accessed 12/5/2013).
- . 2010k. “A misguided attack on kin selection.” *Why Evolution Is True* posting 30 August (online text at whyevolutionistrue.wordpress.com accessed 11/6/2014).
- . 2010l. “*Times Higher Ed* promotes a science-faith lovefest.” *Why Evolution Is True* posting 1 October (online text at whyevolutionistrue.wordpress.com accessed 12/10/2015).
- . 2010m. “I get nice letters, too.” *Why Evolution Is True* posting 23 October (online text at whyevolutionistrue.wordpress.com accessed 5/19/2015).
- . 2010n. “Behe’s new paper.” *Why Evolution Is True* posting 12 December (online text at whyevolutionistrue.wordpress.com accessed 12/18/2010).
- . 2010o. “IDers already distorting Behe’s new paper.” *Why Evolution Is True* posting 13 December (online text at whyevolutionistrue.wordpress.com accessed 12/18/2010).
- . 2010p. “Casey Luskin distorts Behe’s paper.” *Why Evolution Is True* posting 14 December (online text at whyevolutionistrue.wordpress.com accessed 12/18/2010).
- . 2010q. “An experimental evolutionist replies to Behe.” *Why Evolution Is True* posting 20 December (online text at whyevolutionistrue.wordpress.com accessed 2/18/2013).
- . 2010r. “New genes arise quickly.” *Why Evolution Is True* posting 21 December (online text at whyevolutionistrue.wordpress.com accessed 12/22/2010).
- . 2011a. “Ecklund’s still at it.” *Why Evolution Is True* posting 7 February (online text at whyevolutionistrue.wordpress.com accessed 4/6/2014).

- . 2011b. “Two weird fossils.” *Why Evolution Is True* posting 24 February (online text at whyevolutionistrue.wordpress.com accessed 12/23/2012).
- . 2011c. “Big dust-up about kin selection.” *Why Evolution Is True* posting 24 March (online text at whyevolutionistrue.wordpress.com accessed 11/7/2014).
- . 2011d. “Lynn Margulis disses evolution in *Discover* magazine, embarrasses both herself and the field.” *Why Evolution Is True* posting 12 April (online text at whyevolutionistrue.wordpress.com accessed 4/18/2011).
- . 2011e. “Another Tom Johnson: Did Dawkins call religious people ‘Nazis’?” *Why Evolution Is True* posting 21 April (online text at whyevolutionistrue.wordpress.com accessed 4/29/2011).
- . 2011f. “The strange origin of the treehopper ‘helmet’.” *Why Evolution Is True* posting 5 May (online text at whyevolutionistrue.wordpress.com accessed 3/1/2013).
- . 2011g. “Ecklund and Long: Scientists are totally spiritual.” *Why Evolution Is True* posting 9 May (online text at whyevolutionistrue.wordpress.com accessed 4/6/2014).
- . 2011h. “Winner(s): Adam and Eve contest.” *Why Evolution Is True* posting 11 June (online text at whyevolutionistrue.wordpress.com accessed 12/20/2014).
- . 2011i. “Evolution 2011: Darwinian medicine.” *Why Evolution Is True* posting 20 June (online text at whyevolutionistrue.wordpress.com accessed 7/2/2011).
- . 2011j. “As atheists know, you can be good without God.” *USA Today* posting 31 July (online text at usatoday.com accessed 9/21/2012).
- . 2011k. “Speciation in a small space.” *Proceedings of the National Academy of Sciences* **108** (9 August): 12975-12976.
- . 2011l. “Is ‘epigenetics’ a revolution in evolution?” *Why Evolution Is True* posting 21 August (online text at whyevolutionistrue.wordpress.com accessed 8/26/2011).
- . 2011m. “How big was the human population bottleneck? Another staple of theology refuted.” *Why Evolution Is True* posting 18 September (online text at whyevolutionistrue.wordpress.com accessed 5/27/2015).
- . 2011n. “Want evolutionary change? Wait a million years.” *Why Evolution Is True* posting 22 September (online text at whyevolutionistrue.wordpress.com accessed 12/23/2012).
- . 2011o. “A conversation: Richard Dawkins, Lisa Randall, and Rabbi Jonathan Sacks.” *Why Evolution Is True* posting 17 October (online text at whyevolutionistrue.wordpress.com accessed 2/23/2012).
- . 2011p. “David Berlinski makes an ass of himself defending intelligent design.” *Why Evolution Is True* posting 21 November (online text at whyevolutionistrue.wordpress.com accessed 12/6/2011).
- . 2011q. “Elaine Ecklund continues to whitewash the atheism of scientists.” *Why Evolution Is True* posting 3 December (online text at whyevolutionistrue.wordpress.com accessed 4/6/2014).
- . 2012a. “Why you don’t really have free will.” *USA Today* posting 1 January (online text at usatoday.com accessed 9/27/2012).
- . 2012b. “Creationist paper in a medical journal.” *Why Evolution Is True* posting 19 January (online text at whyevolutionistrue.wordpress.com accessed 3/12/2012).
- . 2012c. “New creationist shenanigans in Indiana.” *Why Evolution Is True* posting 27 January (online text at whyevolutionistrue.wordpress.com accessed 2/3/2012).
- . 2012d. “The peppered moth story is solid.” *Why Evolution Is True* posting 10 February (online text at whyevolutionistrue.wordpress.com accessed 6/29/2014).
- . 2012e. “A colleague wrongfully disses modern evolutionary theory.” *Why Evolution Is True* posting 18 February (online text at whyevolutionistrue.wordpress.com accessed 7/22/2012).
- . 2012f. “The smear continues: Dawkins accused of condoning slavery.” *Why Evolution Is True* posting 18 February (online text at whyevolutionistrue.wordpress.com accessed 8/23/2012).
- . 2012g. “Telegraph produces expected slur: Dawkins makes money from slavery.” *Why Evolution Is True* posting 19 February (online text at whyevolutionistrue.wordpress.com

- accessed 8/23/2012).
- . 2012h. “Are there human races?” *Why Evolution Is True* posting 28 February (online text at whyevolutionistrue.wordpress.com accessed 2/3/2012).
- . 2012i. “You Don’t Have Free Will.” *The Chronicle of Higher Education* posting 18 March: online text accessed 6/8/2014 (chronicle.com).
- . 2012j. “Bart Ehrman says that Jesus existed.” *Why Evolution Is True* posting 20 March (online text at whyevolutionistrue.wordpress.com accessed 5/24/2013).
- . 2012k. “A huge feathered dinosaur.” *Why Evolution Is True* posting 5 April (online text at whyevolutionistrue.wordpress.com accessed 7/28/2013).
- . 2012l. “Jim Shapiro continues his misguided attack on neo-Darwinism.” *Why Evolution Is True* posting 7 April (online text at whyevolutionistrue.wordpress.com accessed 12/8/2012).
- . 2012m. “Creationist surgeon to give commencement address at Emory University.” *Why Evolution Is True* posting 16 May (online text at whyevolutionistrue.wordpress.com accessed 5/21/2012).
- . 2012n. “Stasis once again used as evidence against evolution.” *Why Evolution Is True* posting 17 May (online text at whyevolutionistrue.wordpress.com accessed 2/19/2013).
- . 2012o. “Government money goes to fund creationism (and athletes).” *Why Evolution Is True* posting 23 May (online text at whyevolutionistrue.wordpress.com accessed 5/25/2012).
- . 2012p. “Birds may be paedomorphic dinosaurs.” *Why Evolution Is True* posting 28 May (online text at whyevolutionistrue.wordpress.com accessed 5/11/2015).
- . 2012q. “What would disprove evolution?” *Why Evolution Is True* posting 9 July (online text at whyevolutionistrue.wordpress.com accessed 7/11/2012).
- . 2012r. “‘Zeuglodon’ on free will at the RDF.” *Why Evolution Is True* posting 12 July (online text at whyevolutionistrue.wordpress.com accessed 9/21/2012).
- . 2012s. “Science, religion, and society: The problem of evolution in America.” *Evolution* **66** (August): 2654-2663.
- . 2012t. “James Shapiro goes after natural selection again (twice) on HuffPo.” *Why Evolution Is True* posting 22 August (online text at whyevolutionistrue.wordpress.com accessed 12/8/2012).
- . 2012u. “A Sokal-style hoax by an anti-religious philosopher.” *Why Evolution Is True* posting 25 September (online text at whyevolutionistrue.wordpress.com accessed 9/2/2014).
- . 2012v. “James Shapiro gets evolution wrong again.” *Why Evolution Is True* posting 2 December (online text at whyevolutionistrue.wordpress.com accessed 12/8/2012).
- . 2012w. “James Shapiro, in his attempts to forge a new evolutionary paradigm, is reduced to going after my commenters.” *Why Evolution Is True* posting 5 December (online text at whyevolutionistrue.wordpress.com accessed 12/8/2012).
- . 2012x. “The folly of ‘The folly of scientism’.” *Why Evolution Is True* posting 8 December (online text at whyevolutionistrue.wordpress.com accessed 12/16/2012).
- . 2012y. “A Marshall McLuhan moment with creationist Paul Nelson.” *Why Evolution Is True* posting 11 December (online text at whyevolutionistrue.wordpress.com accessed 12/11/2012).
- . 2012z. “Pittsburgh creationist identifies mysterious animals from the Bible.” *Why Evolution Is True* posting 27 December (online text at whyevolutionistrue.wordpress.com accessed 8/19/2014).
- . 2013a. “ELCA and Ecklund attempt to reconcile science and faith.” *Why Evolution Is True* posting 5 January (online text at whyevolutionistrue.wordpress.com accessed 4/6/2014).
- . 2013b. “Tom Nagel’s antievolution book gets thrice pummeled.” *Why Evolution Is True* posting 23 January (online text at whyevolutionistrue.wordpress.com accessed 2/6/2013).
- . 2013c. “Genes first.” Review of *The Social Conquest of Earth* by E. O. Wilson. *The Times Literary Supplement* (1 February): 32.
- . 2013d. “Peter Hitchens: diehard antievolutionist.” *Why Evolution Is True* posting 4 March (online text at whyevolutionistrue.wordpress.com accessed 3/6/2013).

- . 2013e. “Peter Hitchens replies to me; I answer him.” *Why Evolution Is True* posting 6 March (online text at whyevolutionistrue.wordpress.com accessed 3/6/2013).
- . 2013f. “Does eroding belief in free will cause cheating? Failure to replicate a famous result.” *Why Evolution Is True* posting 24 March (online text at whyevolutionistrue.wordpress.com accessed 9/1/2013).
- . 2013g. “A (formerly) reputable publisher sells out to creationists.” *Why Evolution Is True* posting 17 April (online text at whyevolutionistrue.wordpress.com accessed 5/15/2013).
- . 2013h. “‘Science’ course at Ball State University sneaks in religion.” *Why Evolution Is True* posting 25 April (online text at whyevolutionistrue.wordpress.com accessed 5/25/2013).
- . 2013i. “Irresponsible journalism: The Chronicle of Higher Education goes to bat for woo-driven evolution.” *Why Evolution Is True* posting 14 May (online text at whyevolutionistrue.wordpress.com accessed 5/28/2013).
- . 2013j. “Lee Strobel endorses Ball State’s teaching of creationism in a science class.” *Why Evolution Is True* posting 22 May (online text at whyevolutionistrue.wordpress.com accessed 5/25/2013).
- . 2013k. “More on the Ball State affair: Christian News Network reporting standards far lower than that of the BSU student paper.” *Why Evolution Is True* posting 23 May (online text at whyevolutionistrue.wordpress.com accessed 5/25/2013).
- . 2013l. “More fallout from the Ball State affair.” *Why Evolution Is True* posting 25 May (online text at whyevolutionistrue.wordpress.com accessed 5/25/2013).
- . 2013m. “Updates on the Hedin case.” *Why Evolution Is True* posting 9 June (online text at whyevolutionistrue.wordpress.com accessed 6/15/2013).
- . 2013n. “Ball State Provost talks about Hedin investigation, and some Hoosier reaction.” *Why Evolution Is True* posting 25 June (online text at whyevolutionistrue.wordpress.com accessed 8/4/2013).
- . 2013o. “Discovery Institute attacks Ball State’s prohibition on teaching intelligent design.” *Why Evolution Is True* posting 1 August (online text at whyevolutionistrue.wordpress.com accessed 8/4/2013).
- . 2013p. “Pinker pushback II: Ross Douthat accuses Steve of scientism.” *Why Evolution Is True* posting 8 August (online text at whyevolutionistrue.wordpress.com accessed 10/13/2013).
- . 2013q. “Famous physiologist embarrasses himself by claiming that the modern theory of evolution is in tatters.” *Why Evolution Is True* posting 25 August (online text at whyevolutionistrue.wordpress.com accessed 10/13/2013).
- . 2013r. “Another lame attack on evolutionary psychology.” *Why Evolution Is True* posting 1 September (online text at whyevolutionistrue.wordpress.com accessed 11/3/2013).
- . 2013s. “Reader gets ID book moved from science to religion section.” *Why Evolution Is True* posting 5 September (online text at whyevolutionistrue.wordpress.com accessed 8/21/2013).
- . 2013t. “Discovery Institute goes after Ball State for banning ID in science courses.” *Why Evolution Is True* posting 11 September (online text at whyevolutionistrue.wordpress.com accessed 10/18/2013).
- . 2013u. “An animal with gears!” *Why Evolution Is True* posting 14 September (online text at whyevolutionistrue.wordpress.com accessed 11/19/2013).
- . 2013v. “Famous paleobiologist savages Stephen Meyer’s ID book.” *Why Evolution Is True* posting 20 September (online text at whyevolutionistrue.wordpress.com accessed 9/22/2013).
- . 2013w. “Holiday Snaps Kentucky.” *Why Evolution Is True* posting 24 November (online jpg at whyevolutionistrue.wordpress.com accessed 12/26/2013).
- . 2013x. “Chris Mooney downplays religion as a cause of creationism.” *Why Evolution Is True* posting 3 December (online text at whyevolutionistrue.wordpress.com accessed 12/4/2013).
- . 2013y. “Religious accomodationism in a public museum.” *Why Evolution Is True* posting

- 4 December (online text at whyevolutionistrue.wordpress.com accessed 6/8/2014).
- . 2013z. “More Egnorance: IDers lie for Jesus again.” *Why Evolution Is True* posting 7 December (online text at whyevolutionistrue.wordpress.com accessed 12/26/2013).
- . 2013aa. “Stonewalled by the god-touting museum.” *Why Evolution Is True* posting 14 December (online text at whyevolutionistrue.wordpress.com accessed 6/8/2014).
- . 2013ab. “William Lane Craig’s Christmas present: five bits of evidence for God; Professor Ceiling Cat responds with evidence for Not Ceiling Cat.” *Why Evolution Is True* posting 15 December (online text at whyevolutionistrue.wordpress.com accessed 12/18/2013).
- . 2013ac. “The quote in L.A. is gone!” *Why Evolution Is True* posting 16 December (online text at whyevolutionistrue.wordpress.com accessed 6/8/2014).
- . 2013ad. “L.A. Museum explains why it removed the God quote.” *Why Evolution Is True* posting 16 December (online text at whyevolutionistrue.wordpress.com accessed 6/8/2014).
- . 2013ae. “Why John Scopes wasn’t a racist, and other lessons from the ‘Monkey Trial’.” *Why Evolution Is True* posting 17 December (online text at whyevolutionistrue.wordpress.com accessed 12/26/2013).
- . 2013af. “Jerry Coyne, Ph.D.” University of Chicago *Ecology & Evolution* faculty posting (online text at pondside.uchicago.edu/ accessed 2/13/2014).
- . 2014a. “Friday: Dobrzyn.” *Why Evolution Is True* posting 10 January (online text at whyevolutionistrue.wordpress.com accessed 2/1/2014).
- . 2014b. “Virginia introduces first antiscience bill of the year.” *Why Evolution Is True* posting 8 January (online text at whyevolutionistrue.wordpress.com accessed 2/13/2014).
- . 2014c. “Great News: I’m the Discovery Institute’s ‘Censor of the Year!’” *Why Evolution Is True* posting 10 February (online text at whyevolutionistrue.wordpress.com accessed 2/13/2014).
- . 2014d. “The Hedin issue is baaaack!: The Discovery Institute won’t accept their defeat at Ball State.” *Why Evolution Is True* posting 12 March (online text at whyevolutionistrue.wordpress.com accessed 3/28/2014).
- . 2014e. “Discovery Institute admits that Intelligent Design is ‘a religious view’.” *Why Evolution Is True* posting 14 March (online text at whyevolutionistrue.wordpress.com accessed 3/16/2014).
- . 2014f. “Karl Giberson debates Stephen Meyer about evolution.” *Why Evolution Is True* posting 23 April (online text at whyevolutionistrue.wordpress.com accessed 6/3/2014).
- . 2014g. “Big debate on the afterlife going on NOW.” *Why Evolution Is True* posting 7 May (online text at whyevolutionistrue.wordpress.com accessed 5/23/2014).
- . 2014h. “Lying for Darwin.” *Why Evolution Is True* posting 8 May (online text at whyevolutionistrue.wordpress.com accessed 5/23/2014).
- . 2014i. “Public high school principal prays at graduation.” *Why Evolution Is True* posting 31 May (online text at whyevolutionistrue.wordpress.com accessed 6/18/2014).
- . 2014j. “There are no ring species.” *Why Evolution Is True* posting 16 July (online text at whyevolutionistrue.wordpress.com accessed 7/6/2017).
- . 2014k. “Creationist Dembski gives academic talk at MY university!” *Why Evolution Is True* posting 8 August (online text at whyevolutionistrue.wordpress.com accessed 8/21/2014).
- . 2014l. “Why Dembski is speaking at the University of Chicago.” *Why Evolution Is True* posting 12 August (online text at whyevolutionistrue.wordpress.com accessed 8/21/2014).
- . 2014m. “Robin Williams, depression, and Stephen Fry.” *Why Evolution Is True* posting 12 August (online text at whyevolutionistrue.wordpress.com accessed 8/19/2014).
- . 2014n. “If ISIS is Not Islamic, then the Inquisition Was Not Catholic.” *The New Republic* 13 September posting; online text accessed 11/14/2014 (newrepublic.com).
- . 2014o. “Yet another university calls for the marginalization of Ayaan Hirsi Ali.” *Why Evolution Is True* posting 14 September (online text at whyevolutionistrue.wordpress.com accessed 9/14/2014).
- . 2014p. “NPR attacks ‘Spockian’ atheists.” *Why Evolution Is True* posting 16 September (online text at whyevolutionistrue.wordpress.com accessed 9/16/2014).

- . 2014q. “Accommodatheism I: Let’s all stop going after the low-hanging believers.” *Why Evolution Is True* posting 22 September (online text at whyevolutionistrue.wordpress.com accessed 9/22/2014).
- . 2014r. “Iranian psychotherapist hanged for ‘heresy’.” *Why Evolution Is True* posting 1 October (online text at whyevolutionistrue.wordpress.com accessed 10/1/2014).
- . 2014s. “Boudry’s Ten Commandments for faithism.” *Why Evolution Is True* posting 7 October (online text at whyevolutionistrue.wordpress.com accessed 10/7/2014).
- . 2014t. “The FFRF, Dawkins, and I criticize a Georgia professor, who teaches creationism in a public university.” *Why Evolution Is True* posting 29 October (online text at whyevolutionistrue.wordpress.com accessed 10/30/2014).
- . 2014u. “Stop Celebrating the Pope’s Views on Evolution and the Big Bang. They Make No Sense.” *The New Republic* 29 October posting: online text accessed 11/4/2014 (newrepublic.com).
- . 2014v. “Tonia Lombrozo at NPR: Factual and religious ‘beliefs’ may differ.” *Why Evolution Is True* posting 1 November (online text at whyevolutionistrue.wordpress.com accessed 11/1/2014).
- . 2014w. “A question for compatibilists.” *Why Evolution Is True* posting 4 November (online text at whyevolutionistrue.wordpress.com accessed 11/4/2014).
- . 2014x. “More creationist shenanigans at Georgia Southern University.” *Why Evolution Is True* posting 4 November (online text at whyevolutionistrue.wordpress.com accessed 11/4/2014).
- . 2014y. “Texas Tech students parade their knowledge.” *Why Evolution Is True* posting 4 November (online text at whyevolutionistrue.wordpress.com accessed 11/4/2014).
- . 2014z. “U.S. federal court declares secular humanism a religion.” *Why Evolution Is True* posting 5 November (online text at whyevolutionistrue.wordpress.com accessed 11/5/2014).
- . 2014aa. “The group-selection dustup continues: E. O. Wilson calls Richard Dawkins a ‘journalist’.” *Why Evolution Is True* posting 7 November (online text at whyevolutionistrue.wordpress.com accessed 11/7/2014).
- . 2014ab. “Christian couple, parents of four, burned alive for accusations that they torched a Qur’an.” *Why Evolution Is True* posting 9 November (online text at whyevolutionistrue.wordpress.com accessed 11/9/2014).
- . 2014ac. “Could it be ... Satan?” *Why Evolution Is True* posting 11 November (online text at whyevolutionistrue.wordpress.com accessed 11/11/2014).
- . 2014ad. “The Times calls it like it is on Islam: there’s no ‘true’ version.” *Why Evolution Is True* posting 14 November (online text at whyevolutionistrue.wordpress.com accessed 11/14/2014).
- . 2014ae. “Templeton and the AAAS give money for seminaries to teach science and for scientists to become literate in theology.” *Why Evolution Is True* posting 14 November (online text at whyevolutionistrue.wordpress.com accessed 11/14/2014).
- . 2014af. “Bill Nye challenged to debate GMOs.” *Why Evolution Is True* posting 17 November (online text at whyevolutionistrue.wordpress.com accessed 11/17/2014).
- . 2014ag. “The ecology of faith: what makes societies religious?” *Why Evolution Is True* posting 18 November (online text at whyevolutionistrue.wordpress.com accessed 11/18/2014).
- . 2014ah. “Philae finds organic molecules on comet: what’s the big deal?” *Why Evolution Is True* posting 19 November (online text at whyevolutionistrue.wordpress.com accessed 11/19/2014).
- . 2014ai. “Another unconvincing redefinition of free will.” *Why Evolution Is True* posting 20 November (online text at whyevolutionistrue.wordpress.com accessed 11/20/2014).
- . 2014aj. “Reza Aslan and Karen Armstrong are everywhere, and it’s not pretty.” *Why Evolution Is True* posting 23 November (online text at whyevolutionistrue.wordpress.com accessed 11/23/2014).
- . 2014ak. “Does evolution need a revolution?” *Why Evolution Is True* posting 24 November (online text at whyevolutionistrue.wordpress.com accessed 11/24/2014).
- . 2014al. “Michael Nugent kicks butt on miracles.” *Why Evolution Is True* posting 25

- November (online text at whyevolutionistrue.wordpress.com accessed 11/25/2014).
- . 2014am. “A reader describes the ‘high’ of glossolalia and his journey to nonbelief.” *Why Evolution Is True* posting 27 November (online text at whyevolutionistrue.wordpress.com accessed 11/30/2014).
- . 2014an. “Update on the Georgia Southern creationism case: McMullen denies preaching Christianity or creationism.” *Why Evolution Is True* posting 28 November (online text at whyevolutionistrue.wordpress.com accessed 11/30/2014).
- . 2014ao. “E. O. Wilson: Only science (and not philosophy or religion) can tell us the meaning of human existence.” *Why Evolution Is True* posting 30 November (online text at whyevolutionistrue.wordpress.com accessed 11/30/2014).
- . 2014ap. “Shermer has a woo experience, admits there may be something to it.” *Why Evolution Is True* posting 4 December (online text at whyevolutionistrue.wordpress.com accessed 12/4/2014).
- . 2014aq. “The world’s oldest graffiti: by Homo erectus! (maybe).” *Why Evolution Is True* posting 4 December (online text at whyevolutionistrue.wordpress.com accessed 12/4/2014).
- . 2014ar. “A stunning (possible) case of mimicry: bird nesting resembles a toxic caterpillar in appearance and behavior.” *Why Evolution Is True* posting 10 December (online text at whyevolutionistrue.wordpress.com accessed 12/10/2014).
- . 2014as. “McMullen case resolved: a big victory for secularism as proselytizing professor told to keep opinions on Christianity and creationism to himself.” *Why Evolution Is True* posting 17 December (online text at whyevolutionistrue.wordpress.com accessed 12/17/2014).
- . 2014at. “Seventh-Day Adventist pastor abandons belief in God, embraces reality.” *Why Evolution Is True* posting 29 December (online text at whyevolutionistrue.wordpress.com accessed 12/29/2014).
- . 2015a. “HarperCollins is a big fat cowrd: published Atlas of Middle East that doesn’t show Israel.” *Why Evolution Is True* posting 3 January (online text at whyevolutionistrue.wordpress.com accessed 1/3/2015).
- . 2015b. “Templeton funds an accommodationist project called ‘Explaining away’.” *Why Evolution Is True* posting 4 January (online text at whyevolutionistrue.wordpress.com accessed 1/4/2015).
- . 2015c. “The Argument from Embarrassment.” *Why Evolution Is True* posting 4 January (online text at whyevolutionistrue.wordpress.com accessed 1/4/2015).
- . 2015d. “The Paris murders: Catholic League’s Bill Donoghue gets it wrong; New Yorker’s George Packer gets it right.” *Why Evolution Is True* posting 8 January (online text at whyevolutionistrue.wordpress.com accessed 1/8/2015).
- . 2015e. “Nicholas Wade writes a shamefully ignorant review of Bill Nye’s new evolution book.” *Why Evolution Is True* posting 9 January (online text at whyevolutionistrue.wordpress.com accessed 1/9/2015).
- . 2015f. “Executive producer of Al Jazeera English blows his cover, sjows distress over widespread support for Charlie Hebdo victims.” *Why Evolution Is True* posting 10 January (online text at whyevolutionistrue.wordpress.com accessed 1/10/2015).
- . 2015g. “Charlie Hebdo’s cartoons weren’t racist.” *Why Evolution Is True* posting 11 January (online text at whyevolutionistrue.wordpress.com accessed 1/11/2015).
- . 2015h. “City council declares that an Alabama town now belongs to God.” *Why Evolution Is True* posting 12 January (online text at whyevolutionistrue.wordpress.com accessed 1/12/2015).
- . 2015i. “Ultra-orthodox Jewish newspaper doctors photos of Charlie Hebdo rally to remove women.” *Why Evolution Is True* posting 13 January (online text at whyevolutionistrue.wordpress.com accessed 1/13/2015).
- . 2015j. “Boy who wrote bestseller on visiting heaven retracts his claim.” *Why Evolution Is True* posting 16 January (online text at whyevolutionistrue.wordpress.com accessed 1/16/2015).
- . 2015k. “Oy, another creationist sportcaster!” *Why Evolution Is True* posting 18 January (online text at whyevolutionistrue.wordpress.com accessed 1/18/2015).

- . 2015l. “The unctuous and dangerous Karen Armstrong.” *Why Evolution Is True* posting 23 January (online text at whyevolutionistrue.wordpress.com accessed 1/23/2015).
- . 2015m. “Ben Carson doubles down in his ‘poisoned cake’ remark about gays.” *Why Evolution Is True* posting 27 January (online text at whyevolutionistrue.wordpress.com accessed 1/27/2015).
- . 2015n. “Deepak denies that HIV causes AIDS.” *Why Evolution Is True* posting 29 January (online text at whyevolutionistrue.wordpress.com accessed 1/29/2015).
- . 2015o. “William Lane Craig goes after me about Adam and Eve.” *Why Evolution Is True* posting 2 February (online text at whyevolutionistrue.wordpress.com accessed 2/2/2015).
- . 2015p. “Teacher recommends lying to get Christians and Muslim students to accept evolution.” *Why Evolution Is True* posting 3 February (online text at whyevolutionistrue.wordpress.com accessed 2/3/2015).
- . 2015q. “A new paper claims that evolution has stopped in a bacterial species. Is it true?” *Why Evolution Is True* posting 4 February (online text at whyevolutionistrue.wordpress.com accessed 2/4/2015).
- . 2015r. “A new movie claims that gay rights will criminalize and destroy American Christianity.” *Why Evolution Is True* posting 11 February (online text at whyevolutionistrue.wordpress.com accessed 2/11/2015).
- . 2015s. “Another Republican politician ducks question of whether he accepts evolution; making a full slate of GOP candidates who won’t affirm the truth of evolution.” *Why Evolution Is True* posting 12 February (online text at whyevolutionistrue.wordpress.com accessed 2/13/2015).
- . 2015t. “The Chapel Hill murders.” *Why Evolution Is True* posting 13 February (online text at whyevolutionistrue.wordpress.com accessed 2/13/2015).
- . 2015u. “The Chapel Hill murders: C. J. Werleman can’t resist saying that New Atheists have blood on their hands.” *Why Evolution Is True* posting 14 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2015).
- . 2015v. “Muhammad on flies and disease: the scientific wisdom of the Qur’an and hadith.” *Why Evolution Is True* posting 16 February (online text at whyevolutionistrue.wordpress.com accessed 2/16/2015).
- . 2015w. “24% of British Muslims say violence against cartoonists who draw Muhammad is justifiable.” *Why Evolution Is True* posting 25 February (online text at whyevolutionistrue.wordpress.com accessed 2/25/2015).
- . 2015x. “An angry reader gets unwanted religious literature in an Amazon order.” *Why Evolution Is True* posting 25 February (online text at whyevolutionistrue.wordpress.com accessed 2/25/2015).
- . 2015y. “McMaster University’s disgusting apologia in the Makayla Sault case.” *Why Evolution Is True* posting 2 March (online text at whyevolutionistrue.wordpress.com accessed 3/2/2015).
- . 2015z. “Tennessee representative proposes bill recognizing God’s absolute governance over his state.” *Why Evolution Is True* posting 4 March (online text at whyevolutionistrue.wordpress.com accessed 3/4/2015).
- . 2015aa. “They don’t get much crazier than this: meet Texas’s new Lieutenant Governor.” *Why Evolution Is True* posting 5 March (online text at whyevolutionistrue.wordpress.com accessed 3/5/2015).
- . 2015ab. “The disingenuousness of some British Muslims.” *Why Evolution Is True* posting 5 March (online text at whyevolutionistrue.wordpress.com accessed 3/5/2015).
- . 2015ac. “Orchid mantis: does it really mimic an orchid.” *Why Evolution Is True* posting 9 March (online text at whyevolutionistrue.wordpress.com accessed 3/9/2015).
- . 2015ad. “Long diverged fern species hybridize: dumb creationists say it violates theory of evolution.” *Why Evolution Is True* posting 12 March (online text at whyevolutionistrue.wordpress.com accessed 3/12/2015).
- . 2015ae. “Measles-virus denialist issues 100K Euro challenge to prove viral causation, science wins the dough after court hearing.” *Why Evolution Is True* posting 13 March (online text at whyevolutionistrue.wordpress.com accessed 3/13/2015).

- . 2015af. “The BBC coddles faith, falsely claims harmony between science and religion.” *Why Evolution Is True* posting 21 March (online text at whyevolutionistrue.wordpress.com accessed 3/21/2015).
- . 2015ag. “Afghan woman beaten to death for burning Qur’an didn’t even do it.” *Why Evolution Is True* posting 23 March (online text at whyevolutionistrue.wordpress.com accessed 3/23/2015).
- . 2015ah. “Crazy Sabbath restrictions for Jews leads to death of 7 children.” *Why Evolution Is True* posting 23 March (online text at whyevolutionistrue.wordpress.com accessed 3/23/2015).
- . 2015ai. “Canada’s National Post does some atheist bashing.” *Why Evolution Is True* posting 24 March (online text at whyevolutionistrue.wordpress.com accessed 3/24/2015).
- . 2015aj. “Teaching evolution in Kentucky.” *Why Evolution Is True* posting 26 March (online text at whyevolutionistrue.wordpress.com accessed 3/26/2015).
- . 2015ak. “New paper shows that Nowak et al. were wrong: kin selection remains a valuable concept in evolutionary biology.” *Why Evolution Is True* posting 27 March (online text at whyevolutionistrue.wordpress.com accessed 3/27/2015).
- . 2015al. “Cornell Dean welcomes ISIS to his campus.” *Why Evolution Is True* posting 28 March (online text at whyevolutionistrue.wordpress.com accessed 3/28/2015).
- . 2015am. “Who lobbied Indiana’s governor Pence to sign the pro-discrimination bill? He ain’t saying.” *Why Evolution Is True* posting 30 March (online text at whyevolutionistrue.wordpress.com accessed 3/30/2015).
- . 2015an. “The new family tree of birds (spot the nightjar!).” *Why Evolution Is True* posting 6 April (online text at whyevolutionistrue.wordpress.com accessed 4/6/2015).
- . 2015ao. “Australian Jehovah’s Witness (and her fetus) die after mother refuses blood transfusion.” *Why Evolution Is True* posting 7 April (online text at whyevolutionistrue.wordpress.com accessed 4/7/2015).
- . 2015ap. “How often do genes move between distantly related species?” *Why Evolution Is True* posting 10 April (online text at whyevolutionistrue.wordpress.com accessed 4/10/2015).
- . 2015aq. “Mae-Wan Ho and Suzan Mazur: the blind leading the blind about evolution.” *Why Evolution Is True* posting 12 April (online text at whyevolutionistrue.wordpress.com accessed 4/12/2015).
- . 2015ar. “David Sloan Wilson tells the BBC that the evolution of altruism in humans is ‘solved’: it’s group selection (of course).” *Why Evolution Is True* posting 15 April (online text at whyevolutionistrue.wordpress.com accessed 4/15/2015).
- . 2015as. “Brown University student op-ed claims that censorship is ‘free speech.’” *Why Evolution Is True* posting 16 April (online text at whyevolutionistrue.wordpress.com accessed 4/16/2015).
- . 2015at. “Misunderstandings about determinism.” *Why Evolution Is True* posting 27 April (online text at whyevolutionistrue.wordpress.com accessed 4/27/2015).
- . 2015au. “Dino-bat: a new flying dinosaur with membranous wings.” *Why Evolution Is True* posting 30 April (online text at whyevolutionistrue.wordpress.com accessed 4/30/2015).
- . 2015av. “Templeton invades the World Science Festival again; Dan Dennett withdraws from the field.” *Why Evolution Is True* posting 6 May (online text at whyevolutionistrue.wordpress.com accessed 5/7/2015).
- . 2015aw. “Lying and/or ignorant Republican candidates still refuse to accept evolution.” *Why Evolution Is True* posting 7 May (online text at whyevolutionistrue.wordpress.com accessed 5/7/2015).
- . 2015ax. “The kin selection argument continues, with those denying its importance holding firm. They’re wrong.” *Why Evolution Is True* posting 7 May (online text at whyevolutionistrue.wordpress.com accessed 5/7/2015).
- . 2015ay. “New fossils: the world’s earliest known bird.” *Why Evolution Is True* posting 8 May (online text at whyevolutionistrue.wordpress.com accessed 5/8/2015).
- . 2015az. “Salon pulls out all the stops in dissing New Atheists.” *Why Evolution Is True*

- posting 10 May (online text at whyevolutionistrue.wordpress.com accessed 5/10/2015).
- . 2015ba. “More nuttury from Alabama: Governor signs ‘student religious liberties act’.” *Why Evolution Is True* posting 13 May (online text at whyevolutionistrue.wordpress.com accessed 5/13/2015).
- . 2015bb. “An erstwhile creationist becomes a biologist, due in part to us!” *Why Evolution Is True* posting 18 May (online text at whyevolutionistrue.wordpress.com accessed 5/19/2015).
- . 2015bc. “Free speech on the wane in UK universities: only 20% of them don’t impose censorship.” *Why Evolution Is True* posting 19 May (online text at whyevolutionistrue.wordpress.com accessed 5/19/2015).
- . 2015bd. *Faith vs. Fact: Why Science and Religion are Incompatible*. New York: Viking Press.
- . 2015be. “Pupa in Trinidad mimics snake (and moves!).” *Why Evolution Is True* posting 21 May (online text at whyevolutionistrue.wordpress.com accessed 5/21/2015).
- . 2015bf. “Ken Ham: Atheism is ‘harmful superstition’.” *Why Evolution Is True* posting 15 June (online text at whyevolutionistrue.wordpress.com accessed 6/15/2015).
- . 2015bg. “Republicans take North Carolina to hell in a handbasket.” *Why Evolution Is True* posting 15 June (online text at whyevolutionistrue.wordpress.com accessed 6/15/2015).
- . 2015bh. “Krauss and Pinker on the Pope’s misguided climate-change bicycle.” *Why Evolution Is True* posting 19 June (online text at whyevolutionistrue.wordpress.com accessed 6/19/2015).
- . 2015bi. “A letter from an angry climate-change denialist: give your response.” *Why Evolution Is True* posting 24 June (online text at whyevolutionistrue.wordpress.com accessed 6/24/2015).
- . 2015bj. “Cameroon lake cichlids probably did not speciate sympatrically: Part 1.” *Why Evolution Is True* posting 25 June (online text at whyevolutionistrue.wordpress.com accessed 6/29/2015).
- . 2015bk. “Cameroon lake cichlids probably did not speciate sympatrically: Part 2.” *Why Evolution Is True* posting 26 June (online text at whyevolutionistrue.wordpress.com accessed 6/29/2015).
- . 2015bl. “Two critical reviews of Faith versus Fact.” *Why Evolution Is True* posting 9 July (online text at whyevolutionistrue.wordpress.com accessed 5/20/2015).
- . 2015bm. “Rabbi doubts evolution, ‘but not because of religion’.” *Why Evolution Is True* posting 29 July (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bn. “Yet another Jew refuses to sit next to a woman.” *Why Evolution Is True* posting 2 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bo. “More Catholic insanity: organ donation = euthanasia.” *Why Evolution Is True* posting 3 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bp. “Ignorant celebrities lobby U.S. Congress against GMOs.” *Why Evolution Is True* posting 5 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bq. “Adam Rutherford’s article on epigenetics invokes profusion of angry tw**ts from Deepak Chopra and his minions.” *Why Evolution Is True* posting 6 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015br. “Kudos to Arian Foster: the first active professional athlete in the U.S. to admit he’s an atheist.” *Why Evolution Is True* posting 7 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bs. “Texas judge orders man who fought with his girlfriend to marry her and write out Bible verses—or face jail.” *Why Evolution Is True* posting 8 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bt. “Good news from Oz: parents fight back against Christian proselytizing in public schools.” *Why Evolution Is True* posting 10 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bu. “Woman drowns in Dubai because her father wouldn’t let male lifeguards touch

- her.” *Why Evolution Is True* posting 10 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bv. “Why do animal species vary so much in the shape of pupils in their eyes?” *Why Evolution Is True* posting 10 August (online text at whyevolutionistrue.wordpress.com accessed 8/11/2015).
- . 2015bw. “Oklahoma homeschool ‘science fair,’ associated with state university, perverts science by making it support God.” *Why Evolution Is True* posting 14 August (online text at whyevolutionistrue.wordpress.com accessed 8/30/2015).
- . 2015bx. “Why sex? Experiments on fruit flies suggest it evolved to resist infection.” *Why Evolution Is True* posting 16 August (online text at whyevolutionistrue.wordpress.com accessed 8/30/2015).
- . 2015by. “A new criticism of science as an exclusive ‘way of knowing’.” *Why Evolution Is True* posting 17 August (online text at whyevolutionistrue.wordpress.com accessed 8/30/2015).
- . 2015bz. “Well-known science publisher Springer retracts 64 papers after discovering fake peer reviews.” *Why Evolution Is True* posting 19 August (online text at whyevolutionistrue.wordpress.com accessed 8/30/2015).
- . 2015ca. “‘Pray to Play’: Jesus-loving coaches and the pervasive religiosity of American college football.” *Why Evolution Is True* posting 27 August (online text at whyevolutionistrue.wordpress.com accessed 4/19/2016).
- . 2015cb. “Ontario school officials respond—or rather, fail to respond—to queries about why they don’t require teaching human evolution.” *Why Evolution Is True* posting 28 August (online text at whyevolutionistrue.wordpress.com accessed 8/30/2015).
- . 2015cc. “A Woo Cruise—not a joke!” *Why Evolution Is True* posting 31 August (online text at whyevolutionistrue.wordpress.com accessed 9/4/2015).
- . 2015cd. “American professors threaten grades of students who don’t conform to the Official Class Ideology.” *Why Evolution Is True* posting 31 August (online text at whyevolutionistrue.wordpress.com accessed 9/4/2015).
- . 2015ce. “Decoy calls unexpectedly change a frog’s mate preferences.” *Why Evolution Is True* posting 1 September (online text at whyevolutionistrue.wordpress.com accessed 9/4/2015).
- . 2015cf. “Another failure to replicate a much-cited study on free will and cheating.” *Why Evolution Is True* posting 2 September (online text at whyevolutionistrue.wordpress.com accessed 9/4/2015).
- . 2015cg. “On the poor reproducibility of psychology studies.” *Why Evolution Is True* posting 3 September (online text at whyevolutionistrue.wordpress.com accessed 9/4/2015).
- . 2015ch. “An author jumps the shark on evolution.” *Why Evolution Is True* posting 5 September (online text at whyevolutionistrue.wordpress.com accessed 9/5/2015).
- . 2015ci. “Ben Carson on evolution: an ignorant (or duplicitous) Presidential candidate.” *Why Evolution Is True* posting 24 September (online text at whyevolutionistrue.wordpress.com accessed 11/6/2015).
- . 2015cj. “Canadian scientist suspended, investigated after writing song criticizing the prime minister.” *Why Evolution Is True* posting 8 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).
- . 2015ck. “More creationist nonsense from Ben Carson: why we didn’t come from a ‘slimepit of promiscuous chemicals’.” *Why Evolution Is True* posting 8 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).
- . 2015cl. “Why is religion privileged over philosophy?” *Why Evolution Is True* posting 9 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).
- . 2015cm. “Agnosticism and atheism predominate among Harvard’s incoming (and virginal) students.” *Why Evolution Is True* posting 9 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).
- . 2015cn. “A new species of hominin hits the news. What is it and what does it means?” *Why Evolution Is True* posting 10 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).

- . 2015co. “Darwin confirms his nonbelief in a letter up for auction.” *Why Evolution Is True* posting 10 September (online text at whyevolutionistrue.wordpress.com accessed 9/10/2015).
- . 2015cp. “The University of California threatens freedom of expression.” *Why Evolution Is True* posting 13 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015cq. “The Discovery Institute and its religious flaks respond to Ben Goren’s critique of theodicy.” *Why Evolution Is True* posting 14 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015cr. “President Obama decries college’s ‘coddling’ of student sensitivities.” *Why Evolution Is True* posting 16 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015cs. “Quebec considering blasphemy law.” *Why Evolution Is True* posting 17 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015ct. “The humiliation of Ahmed Mohamed.” *Why Evolution Is True* posting 18 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015cu. “Are humans still evolving? Yes, both globally and locally.” *Why Evolution Is True* posting 18 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2015).
- . 2015cv. “The Atlantic ponders a weighty question: Did early hominins have souls?” *Why Evolution Is True* posting 21 September (online text at whyevolutionistrue.wordpress.com accessed 9/21/2015).
- . 2015cw. “UN screws up big time: appoints Saudi Arabian diplomat as head of human rights panel.” *Why Evolution Is True* posting 23 September (online text at whyevolutionistrue.wordpress.com accessed 9/21/2015).
- . 2015cx. “Moderate Muslim Maajid Nawaz vilified by Left for trying to reform Islam.” *Why Evolution Is True* posting 23 September (online text at whyevolutionistrue.wordpress.com accessed 9/30/2015).
- . 2015cy. “Ex-Muslim Maryam Namazie refused platform at Warwick University because criticizing Islam is ‘hate speech’.” *Why Evolution Is True* posting 25 September (online text at whyevolutionistrue.wordpress.com accessed 9/30/2015).
- . 2015cz. “America’s repugnant bootlicking of Saudi Arabia.” *Why Evolution Is True* posting 28 September (online text at whyevolutionistrue.wordpress.com accessed 9/30/2015).
- . 2015da. “Pope implicitly supports Kim Davis’s refusal to grant marriage licenses to gays.” *Why Evolution Is True* posting 28 September (online text at whyevolutionistrue.wordpress.com accessed 9/30/2015).
- . 2015db. “An updated Pascal’s Wager: Just as bad as the old one.” *Why Evolution Is True* posting 1 October (online text at whyevolutionistrue.wordpress.com accessed 10/2/2015).
- . 2015dc. Oxford University bans free speech magazine as ‘offensive’.” *Why Evolution Is True* posting 4 October (online text at whyevolutionistrue.wordpress.com accessed 10/5/2015).
- . 2015dd. “Four laws of evolutionary biology.” *Why Evolution Is True* posting 5 October (online text at whyevolutionistrue.wordpress.com accessed 10/5/2015).
- . 2015de. “Tennessee county petitions God to not destroy them for allowing gay marriages.” *Why Evolution Is True* posting 7 October (online text at whyevolutionistrue.wordpress.com accessed 10/7/2015).
- . 2015df. “A new and bizarre form of mimicry: plant seeds mimic shape and smell of animal feces to facilitate dispersal by dung beetles.” *Why Evolution Is True* posting 7 October (online text at whyevolutionistrue.wordpress.com accessed 10/7/2015).
- . 2015dg. “ISIS kills four more gay men by throwing them off a roof.” *Why Evolution Is True* posting 7 October (online text at whyevolutionistrue.wordpress.com accessed 10/7/2015).
- . 2015dh. “Canadian human biology textbook flirts with creationism.” *Why Evolution Is True* posting 10 October (online text at whyevolutionistrue.wordpress.com accessed 10/10/2015).

- 10/10/2015).
- . 2015di. “Faith-healing parents who killed infected infant through neglect to go to jail.” *Why Evolution Is True* posting 14 October (online text at whyevolutionistrue.wordpress.com accessed 10/14/2015).
 - . 2015dj. “Tenagers beaten, one fatally, by New York church members for confessions of sin.” *Why Evolution Is True* posting 16 October (online text at whyevolutionistrue.wordpress.com accessed 10/17/2015).
 - . 2015dk. “Bad science journalism: The Express reports that scientists have ‘proved’ that God didn’t create the universe.” *Why Evolution Is True* posting 18 October (online text at whyevolutionistrue.wordpress.com accessed 10/18/2015).
 - . 2015dl. “Palestinians kill and terrorize Israelis, world studiously ignores it.” *Why Evolution Is True* posting 21 October (online text at whyevolutionistrue.wordpress.com accessed 10/23/2015).
 - . 2015dm. “‘Proof of God’ Kickstarter about to expire, with a pitiful and hilarious take.” *Why Evolution Is True* posting 21 October (online text at whyevolutionistrue.wordpress.com accessed 10/23/2015).
 - . 2015dn. “Bibi puts his foot in it, blames Holocaust on Palestinians.” *Why Evolution Is True* posting 23 October (online text at whyevolutionistrue.wordpress.com accessed 10/23/2015).
 - . 2015do. “Wesleyan University student government slashes funding for their paper in retribution for publishing ‘offensive’ editorial.” *Why Evolution Is True* posting 23 October (online text at whyevolutionistrue.wordpress.com accessed 10/23/2015).
 - . 2015dp. “Canadian Jehovah’s Witnesses ordered by court not to proselytize their grandchild.” *Why Evolution Is True* posting 24 October (online text at whyevolutionistrue.wordpress.com accessed 10/24/2015).
 - . 2015dq. “More Republican madness in Iowa.” *Why Evolution Is True* posting 26 October (online text at whyevolutionistrue.wordpress.com accessed 10/26/2015).
 - . 2015dr. “Edward Feser: No dogs go to Heaven.” *Why Evolution Is True* posting 27 October (online text at whyevolutionistrue.wordpress.com accessed 10/27/2015).
 - . 2015ds. “Blogger Raif Badawi reportedly scheduled for second flogging.” *Why Evolution Is True* posting 28 October (online text at whyevolutionistrue.wordpress.com accessed 10/28/2015).
 - . 2015dt. “The ‘coywolf’: a new species of canid?” *Why Evolution Is True* posting 1 November (online text at whyevolutionistrue.wordpress.com accessed 11/1/2015).
 - . 2015du. “Wrongheaded anthropologist claims that humans aren’t apes.” *Why Evolution Is True* posting 2 November (online text at whyevolutionistrue.wordpress.com accessed 11/2/2015).
 - . 2015dv. “Absymal failure to use ‘blinding’ in population biology studies.” *Why Evolution Is True* posting 5 November (online text at whyevolutionistrue.wordpress.com accessed 11/5/2015).
 - . 2015dw. “Ben Carson’s shameful and willful scientific ignorance.” *Why Evolution Is True* posting 6 November (online text at whyevolutionistrue.wordpress.com accessed 11/6/2015).
 - . 2015dx. “A British student union defends ISIS again, no-platforms an ISIS critic.” *Why Evolution Is True* posting 6 November (online text at whyevolutionistrue.wordpress.com accessed 11/6/2015).
 - . 2015dy. “The bizarre naked man orchid.” *Why Evolution Is True* posting 6 November (online text at whyevolutionistrue.wordpress.com accessed 11/6/2015).
 - . 2015dz. “Kent Hovind and other theologians justify Biblical genocide.” *Why Evolution Is True* posting 9 November (online text at whyevolutionistrue.wordpress.com accessed 11/9/2015).
 - . 2015ea. “Bonobo gathers sticks, builds fire, toasts and eats marshmallows.” *Why Evolution Is True* posting 13 November (online text at whyevolutionistrue.wordpress.com accessed 11/13/2015).
 - . 2015eb. “France cancels dinner with French and Iranian presidents because Rouhani

- insisted it be wine free.” *Why Evolution Is True* posting 15 November (online text at whyevolutionistrue.wordpress.com accessed 11/15/2015).
- . 2015ec. “Once again, Scott Atran exculpates religion as a cause of terrorism.” *Why Evolution Is True* posting 17 November (online text at whyevolutionistrue.wordpress.com accessed 11/17/2015).
- . 2015ed. “Misleading, duplicitous, and cowardly reporting by the Guardian if ISIS’s statement on the Paris attacks.” *Why Evolution Is True* posting 17 November (online text at whyevolutionistrue.wordpress.com accessed 11/17/2015).
- . 2015ee. “The weird genome of water bears (tardigrades): more than a sixth of it swiped from distantly related species.” *Why Evolution Is True* posting 27 November (online text at whyevolutionistrue.wordpress.com accessed 12/1/2015).
- . 2015ef. “Rupert Murdoch’s National Geographic celebrates the Virgin Mary.” *Why Evolution Is True* posting 29 November (online text at whyevolutionistrue.wordpress.com accessed 12/1/2015).
- . 2015eg. “Will a new benign Qur’an help curb terrorism?” *Why Evolution Is True* posting 29 November (online text at whyevolutionistrue.wordpress.com accessed 12/1/2015).
- . 2015eh. “A religious philosopher argues that New Atheism and fundamentalism are ‘secretly sympathetic’; offers lame reconciliation between science and faith.” *Why Evolution Is True* posting 2 December (online text at whyevolutionistrue.wordpress.com accessed 12/2/2015).
- . 2015ei. “Prayer: what is it good for?; and a note on yesterday’s murders.” *Why Evolution Is True* posting 3 December (online text at whyevolutionistrue.wordpress.com accessed 12/3/2015).
- . 2015ej. “The death of liberalism: Goldsmiths feminists ally with Muslims opposing feminist speaker Maryam Namazie.” *Why Evolution Is True* posting 3 December (online text at whyevolutionistrue.wordpress.com accessed 12/3/2015).
- . 2015ek. “Hold the presses: maybe tardigrades don’t have so much horizontal gene transfer after all.” *Why Evolution Is True* posting 4 December (online text at whyevolutionistrue.wordpress.com accessed 12/4/2015).
- . 2015el. “Marco Rubio does theodicy.” *Why Evolution Is True* posting 4 December (online text at whyevolutionistrue.wordpress.com accessed 12/4/2015).
- . 2015em. “Elaine Ecklund publishes more Templeton-funded accomodationism: ‘many scientists aren’t’s atheists’.” *Why Evolution Is True* posting 6 December (online text at whyevolutionistrue.wordpress.com accessed 12/6/2015).
- . 2015en. “The irony of natural selection.” *Why Evolution Is True* posting 8 December (online text at whyevolutionistrue.wordpress.com accessed 12/8/2015).
- . 2015eo. “Iran’s forcible ‘sex-reassignment’ surgery for gays.” *Why Evolution Is True* posting 10 December (online text at whyevolutionistrue.wordpress.com accessed 12/10/2015).
- . 2015ep. “A plea for civility.” *Why Evolution Is True* posting 10 December (online text at whyevolutionistrue.wordpress.com accessed 12/10/2015).
- . 2015eq. “Why do we holler when we’re hurt? My dubious evolutionary-psychology hypothesis.” *Why Evolution Is True* posting 15 December (online text at whyevolutionistrue.wordpress.com accessed 12/15/2015).
- . 2015er. “Jesus’s house? The abysmal state of ‘Biblical archaeology’.” *Why Evolution Is True* posting 17 December (online text at whyevolutionistrue.wordpress.com accessed 12/17/2015).
- . 2015es. “Is falsifiability essential to science?” *Why Evolution Is True* posting 20 December (online text at whyevolutionistrue.wordpress.com accessed 12/20/2015).
- . 2015et. “Monday mites: the evolution of human hair mites (you have them!).” *Why Evolution Is True* posting 21 December (online text at whyevolutionistrue.wordpress.com accessed 12/21/2015).
- . 2015eu. “Cold fusion back in the spotlight (courtesy of Templeton).” *Why Evolution Is True* posting 23 December (online text at whyevolutionistrue.wordpress.com accessed 12/23/2015).

- . 2015ev. “New Scientist publishes theology, for crying out loud.” *Why Evolution Is True* posting 24 December (online text at whyevolutionistrue.wordpress.com accessed 12/24/2015).
- . 2015ew. “Big fun: Paul Nelson reviews Faith Versus Fact.” *Why Evolution Is True* posting 29 December (online text at whyevolutionistrue.wordpress.com accessed 12/29/2015).
- . 2015ex. *Faith vs. Fact: Why Science and Religion are Incompatible*. New York: Viking Press.
- . 2016a. “Plain talk about free will from a physicist: Stop saying you have it!” *Why Evolution Is True* posting 11 January (online text at whyevolutionistrue.wordpress.com accessed 1/11/2016).
- . 2016b. “Two cases of blasphemy: Muslim boy cuts off own hand after a mistake, Indian comedian arrested for mocking guru.” *Why Evolution Is True* posting 15 January (online text at whyevolutionistrue.wordpress.com accessed 1/15/2016).
- . 2016c. “In which I’m asked to promulgate woo.” *Why Evolution Is True* posting 19 January (online text at whyevolutionistrue.wordpress.com accessed 1/19/2016).
- . 2016d. “The Pope answers a vexing question: what did God do before he made the world?” *Why Evolution Is True* posting 25 January (online text at whyevolutionistrue.wordpress.com accessed 1/26/2016).
- . 2016e. “Simon Conway Morris drinks the Jesus Kool-Aid: human ability to do math proves God.” *Why Evolution Is True* posting 26 January (online text at whyevolutionistrue.wordpress.com accessed 1/26/2016).
- . 2016f. “The mosque Obama visited was segregated by sex; Muslim feminists object.” *Why Evolution Is True* posting 5 February (online text at whyevolutionistrue.wordpress.com accessed 2/7/2016).
- . 2016g. “RationalWiki guts a reader’s attempt to correct its article on female genital mutilation.” *Why Evolution Is True* posting 13 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2016).
- . 2016h. “Quilliam co-founder appears to be an evolution denialist.” *Why Evolution Is True* posting 13 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2016).
- . 2016i. “My review of Matt Ridley’s new book, ‘The Evolution of Everything’.” *Why Evolution Is True* posting 19 February (online text at whyevolutionistrue.wordpress.com accessed 2/19/2016).
- . 2016j. “PLoS ONE publishes paper giving credit to God for designing the human hand.” *Why Evolution Is True* posting 3 March (online text at whyevolutionistrue.wordpress.com accessed 3/3/2016).
- . 2016k. “A real paper on a Sokal-esque hoax? You be the judge.” *Why Evolution Is True* posting 6 March (online text at whyevolutionistrue.wordpress.com accessed 3/7/2016).
- . 2016l. “BioLogos tells ‘The Big Story’, becomes less scientific and more evangelical.” *Why Evolution Is True* posting 9 March (online text at whyevolutionistrue.wordpress.com accessed 3/9/2016).
- . 2016m. “Tennessee adopts a state gun, and it’s a big’un!” *Why Evolution Is True* posting 12 March (online text at whyevolutionistrue.wordpress.com accessed 3/12/2016).
- . 2016n. “Postmodern Glacier professor defends his dreadful study as ‘misunderstood’. It wasn’t.” *Why Evolution Is True* posting 13 March (online text at whyevolutionistrue.wordpress.com accessed 3/13/2016).
- . 2016o. “Oy! An accommodationist comic book.” *Why Evolution Is True* posting 20 March (online text at whyevolutionistrue.wordpress.com accessed 3/20/2016).
- . 2016p. “South African preacher claims he went to heaven—and took photos with his cellphone.” *Why Evolution Is True* posting 2 April (online text at whyevolutionistrue.wordpress.com accessed 4/2/2016).
- . 2016q. “Tom Todesca responds to my critique of his accommodationist comic.” *Why Evolution Is True* posting 16 April (online text at whyevolutionistrue.wordpress.com accessed 4/16/2016).

- . 2016r. “University of South Carolina dumps its football chaplain.” *Why Evolution Is True* posting 19 April (online text at whyevolutionistrue.wordpress.com accessed 4/19/2016).
- . 2016s. “National Geographic publishes article on atheism and secularism, but descends into Authoritarian Leftism and slanders against Harris and Dawkins.” *Why Evolution Is True* posting 23 April (online text at whyevolutionistrue.wordpress.com accessed 4/23/2016).
- . 2016t. “Canadian parents convicted for killing son by giving him maple syrup and other nostrums for meningitis.” *Why Evolution Is True* posting 27 April (online text at whyevolutionistrue.wordpress.com accessed 4/28/2016).
- . 2016u. “Don McLeroy responds to the evidence for whale evolution.” *Why Evolution Is True* posting 27 April (online text at whyevolutionistrue.wordpress.com accessed 4/28/2016).
- . 2016v. “Science magazine’s piece on the Giant Templeton Evolution Grant, and my response.” *Why Evolution Is True* posting 3 May (online text at whyevolutionistrue.wordpress.com accessed 5/4/2016).
- . 2016w. “The New Yorker screws up big time with science: researchers criticize the Mukherjee piece on epigenetics.” *Why Evolution Is True* posting 5 May (online text at whyevolutionistrue.wordpress.com accessed 5/6/2016).
- . 2016x. “ID advocate Eric Medin gets tenure at Ball State.” *Why Evolution Is True* posting 12 May (online text at whyevolutionistrue.wordpress.com accessed 5/12/2016).
- . 2016y. “A vulture spreads the false rumor that Hitchens accepted God at the end.” *Why Evolution Is True* posting 15 May (online text at whyevolutionistrue.wordpress.com accessed 5/16/2016).
- . 2016z. “Neil deGrasse Tyson gets epigenetics completely wrong.” *Why Evolution Is True* posting 25 May (online text at whyevolutionistrue.wordpress.com accessed 5/26/2016).
- . 2016aa. “Robert Wright’s rant against New Atheism.” *Why Evolution Is True* posting 26 May (online text at whyevolutionistrue.wordpress.com accessed 5/26/2016).
- . 2016ab. “Professor at religious college may be fired for inviting an atheist to address his class.” *Why Evolution Is True* posting 11 June (online text at whyevolutionistrue.wordpress.com accessed 6/12/2016).
- . 2016ac. “Researchers: Saying the name of ‘Allah’ while killing a chicken changes its liver and muscles.” *Why Evolution Is True* posting 12 June (online text at whyevolutionistrue.wordpress.com accessed 6/12/2016).
- . 2016ad. “The HuffPo’s ultimate DoubleSpeak: Muslim women are the true feminists.” *Why Evolution Is True* posting 1 July (online text at whyevolutionistrue.wordpress.com accessed 7/1/2016).
- . 2016ae. “Psychiatrist, a ‘man of science,’ claims to exorcise real demons.” *Why Evolution Is True* posting 4 July (online text at whyevolutionistrue.wordpress.com accessed 7/4/2016).
- . 2016af. “What’s next for National Geographic?” *Why Evolution Is True* posting 15 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2016).
- . 2016ag. “The ‘My Little Pony’ defense: GOP tarnishes its image further by refusing to admit plagiarism.” *Why Evolution Is True* posting 20 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2016).
- . 2016ah. “Do Muslim inventions and innovations validate or exculpate Islam?” *Why Evolution Is True* posting 28 July (online text at whyevolutionistrue.wordpress.com accessed 7/29/2016).
- . 2016ai. “ID advocates mock determinism, insist on libertarian free will and human exceptionalism.” *Why Evolution Is True* posting 30 July (online text at whyevolutionistrue.wordpress.com accessed 7/30/2016).
- . 2016aj. “His white suit unsullied by research, Tom Wolfe tries to take down Charles Darwin and Noam Chomsky.” *The Washington Post* posting 31 August: online text accessed 9/2/2016 (www.washingtonpost.com).
- . 2016ak. “A new paper confidently claims that there are four giraffe species rather than

- one, but I'm not so sure." *Why Evolution Is True* posting 11 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2016).
- . 2016al. "C. S. Lewis's puerile theology." *Why Evolution Is True* posting 14 September (online text at whyevolutionistrue.wordpress.com accessed 9/18/2016).
- . 2016am. "Texas blind salamander has optic nerves but no real eyes." *Why Evolution Is True* posting 22 September (online text at whyevolutionistrue.wordpress.com accessed 9/29/2016).
- . 2016an. "Readers' comments on Nature's accommodationist piece." *Why Evolution Is True* posting 19 October (online text at whyevolutionistrue.wordpress.com accessed 11/7/2016).
- . 2016ao. "Discovery Institute and Commentary laud Tom Wolfe's evolution-bashing in 'The Kingdom of Speech' (and diss Professor Ceiling Cat)." *Why Evolution Is True* posting 24 October (online text at whyevolutionistrue.wordpress.com accessed 11/7/2016).
- . 2016ap. "Maajid Nawaz and Ayaan Hirsi Ali named as 'anti-Muslim extremists' by the Southern Poverty Law Center." *Why Evolution Is True* posting 29 October (online text at whyevolutionistrue.wordpress.com accessed 11/7/2016).
- . 2016aq. "Nick Cohen and others defend Maaji Nawaz, excoriate the SPLC." *Why Evolution Is True* posting 1 November (online text at whyevolutionistrue.wordpress.com accessed 11/7/2016).
- . 2016ar. "In defense of Richard Dawkins: Elaine Ecklund and team write a pointless, Templeton-funded paper saying that Dawkins 'misrepresents science'." *Why Evolution Is True* posting 18 November (online text at whyevolutionistrue.wordpress.com accessed 11/28/2016).
- . 2016as. "Once again: misguided calls for a thorough revamping of evolutionary biology." *Why Evolution Is True* posting 23 November (online text at whyevolutionistrue.wordpress.com accessed 11/28/2016).
- . 2016at. "Seth Andrews and his colleagues (and I) review 'The Atheist Delusion', Ray Comfort's new anti-evolution and pro-God movie." *Why Evolution Is True* posting 29 November (online text at whyevolutionistrue.wordpress.com accessed 11/30/2016).
- . 2016au. "Teacher fired at ritzy British Columbia school after mentioning that he opposed abortion." *Why Evolution Is True* posting 12 December (online text at whyevolutionistrue.wordpress.com accessed 12/12/2016).
- . 2016av. "True bravery of Muslim woman: Saudi tweets picture of herself without hijab; then arrested and imprisoned." *Why Evolution Is True* posting 13 December (online text at whyevolutionistrue.wordpress.com accessed 12/13/2016).
- . 2016aw. "Robert Wright in the NYT: Evolution could have a 'higher purpose'." *Why Evolution Is True* posting 13 December (online text at whyevolutionistrue.wordpress.com accessed 12/13/2016).
- . 2016ax. "The ideological opposition to biological truth." *Why Evolution Is True* posting 14 December (online text at whyevolutionistrue.wordpress.com accessed 12/15/2016).
- . 2016ay. "From the Big Think: more confirmation bias about the benefits of religion." *Why Evolution Is True* posting 15 December (online text at whyevolutionistrue.wordpress.com accessed 12/15/2016).
- . 2016az. "The TLS osculates Christianity." *Why Evolution Is True* posting 17 December (online text at whyevolutionistrue.wordpress.com accessed 12/17/2016).
- . 2016ba. "The evolution of sexual dimorphism: Part 2." *Why Evolution Is True* posting 21 December (online text at whyevolutionistrue.wordpress.com accessed 12/22/2016).
- . 2016bb. "Petition to end teaching of evolution in public schools might have been real." *Why Evolution Is True* posting 21 December (online text at whyevolutionistrue.wordpress.com accessed 12/22/2016).
- . 2017a. "How (and how fast) do new species form?" *Why Evolution Is True* posting 4 January (online text at whyevolutionistrue.wordpress.com accessed 1/4/2017).
- . 2017b. "More Trumpish anti-science: The Donald reportedly asked anti-vaxxer to head panel on vaccine safety." *Why Evolution Is True* posting 11 January (online text at whyevolutionistrue.wordpress.com accessed 1/12/2017).

- . 2017c. “Turkish government removes evolution from nation’s high school curriculum.” *Why Evolution Is True* posting 17 January (online text at whyevolutionistrue.wordpress.com accessed 1/17/2017).
- . 2017d. “Alfred Sturtevant: a hero of genetics.” *Why Evolution Is True* posting 24 January (online text at whyevolutionistrue.wordpress.com accessed 1/28/2017).
- . 2017e. “The fox in the henhouse: Creationist leads Trump’s education task force.” *Why Evolution Is True* posting 7 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2017).
- . 2017f. “Professor of Islamic Studies in U.S. says nonconsensual sex and slavery are okay, but only when practiced by Muslims.” *Why Evolution Is True* posting 11 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2017).
- . 2017g. “New data on the religiosity of the U.S. states and its correlation with accepting evolution.” *Why Evolution Is True* posting 12 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2017).
- . 2017h. “Damn! I didn’t win Censor of the Year again.” *Why Evolution Is True* posting 12 February (online text at whyevolutionistrue.wordpress.com accessed 2/14/2017).
- . 2017i. “Discovery Institute: Materialist evolution = no love.” *Why Evolution Is True* posting 15 February (online text at whyevolutionistrue.wordpress.com accessed 2/15/2017).
- . 2017j. “Ideologically motivated teachers indoctrinate students into thinking that science and religion are compatible.” *Why Evolution Is True* posting 21 February (online text at whyevolutionistrue.wordpress.com accessed 2/21/2017).
- . 2017k. “Michio Kaku gets human evolution all wrong on The Big Think.” *Why Evolution Is True* posting 26 February (online text at whyevolutionistrue.wordpress.com accessed 2/28/2017).
- . 2017l. “An imam calls Reza Aslan ‘no true Muslim.’” *Why Evolution Is True* posting 3 March (online text at whyevolutionistrue.wordpress.com accessed 3/10/2017).
- . 2017m. “The Southern Poverty Law Center loses the plot when an African-American threatens Jews.” *Why Evolution Is True* posting 6 March (online text at whyevolutionistrue.wordpress.com accessed 3/10/2017).
- . 2017n. “When ideology trumps biology.” *Why Evolution Is True* posting 9 March (online text at whyevolutionistrue.wordpress.com accessed 3/10/2017).
- . 2017o. “Defining species: a new but problematic species concept.” *Why Evolution Is True* posting 10 March (online text at whyevolutionistrue.wordpress.com accessed 3/10/2017).
- . 2017p. “Peter Singer’s talk censored in Canada as shouting students accuse him of ‘euthanasia’.” *Why Evolution Is True* posting 10 March (online text at whyevolutionistrue.wordpress.com accessed 3/10/2017).
- . 2017q. “The saga of NASA’s grant to theologians continues, with NASA violating the Constitution and its employees apparently behaving illegally.” *Why Evolution Is True* posting 30 March (online text at whyevolutionistrue.wordpress.com accessed 4/13/2017).
- . 2017r. “Neil Gorsuch’s plagiarism—or is it plagiarism?” *Why Evolution Is True* posting 12 April (online text at whyevolutionistrue.wordpress.com accessed 4/13/2017).
- . 2017s. “Jonathan Wells’s new book attacking evolution.” *Why Evolution Is True* posting 24 April (online text at whyevolutionistrue.wordpress.com accessed 5/7/2017).
- . 2017t. “Coultergate gets more confusing.” *Why Evolution Is True* posting 27 April (online text at whyevolutionistrue.wordpress.com accessed 4/29/2017).
- . 2017u. “Saudi Arabia sentences man to death for apostasy.” *Why Evolution Is True* posting 27 April (online text at whyevolutionistrue.wordpress.com accessed 4/29/2017).
- . 2017v. “Templeton-funded issue of ‘The New Atlantis’ does down science.” *Why Evolution Is True* posting 29 April (online text at whyevolutionistrue.wordpress.com accessed 4/29/2017).
- . 2017w. “More academic madness: Published feminist analysis of squirrel diets and reproduction shows that squirrels, like marginalized human groups, are otherized, genderized, and fat-shamed.” *Why Evolution Is True* posting 8 May (online text at whyevolutionistrue.wordpress.com accessed 5/14/2017).

- . 2017x. “An evolutionary biologist misrepresents sexual selection in The New York Times.” *Why Evolution Is True* posting 8 May (online text at whyevolutionistrue.wordpress.com accessed 5/14/2017).
- . 2017y. “Portland student reporter fired for reporting public statement about Islam’s demonization of nonbelievers.” *Why Evolution Is True* posting 14 May (online text at whyevolutionistrue.wordpress.com accessed 5/14/2017).
- . 2017z. “The ludicrous ways that gay and transgender people defend Islam in the name of ‘social justice’.” *Why Evolution Is True* posting 18 May (online text at whyevolutionistrue.wordpress.com accessed 5/19/2017).
- . 2017aa. “If God really existed, this is what the Bible would have said.” *Why Evolution Is True* posting 19 May (online text at whyevolutionistrue.wordpress.com accessed 5/19/2017).
- . 2017ab. “Turkey orders secondary schools to stop teaching evolution.” *Why Evolution Is True* posting 23 June (online text at whyevolutionistrue.wordpress.com accessed 6/25/2017).
- . 2017ac. “Linda Sarsour, Authoritarian Leftist hero, gives speech in which she praises an odious imam.” *Why Evolution Is True* posting 7 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017ad. “A great Radiolab show: Robert Sapolsky on why we don’t have a free will.” *Why Evolution Is True* posting 8 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017ae. “Linda Sarsour lies again; blames ISIS on the West.” *Why Evolution Is True* posting 11 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017af. “Should one be allowed to ethanize severely deformed or doomed newborns?” *Why Evolution Is True* posting 13 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017ag. “A new paper says that belief in free will makes people more likely to criticize unethical acts and favor strong punishment.” *Why Evolution Is True* posting 16 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017ah. “Opponents of euthanizing newborns write in with strong opinions.” *Why Evolution Is True* posting 19 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- . 2017ai. “No Darwin in Turkey.” *Why Evolution Is True* posting 19 July (online text at whyevolutionistrue.wordpress.com accessed 7/20/2017).
- Coyne, Jerry A., & Andrew Berry.** 2000. “Rape as an adaptation.” *Nature* **409** (9 March): 121-122.
- Coyne, Jerry A., & Brian Charlesworth.** 1996. “Mechanisms of Punctuated Equilibrium,” with Response by **Santiago F. Elena, Vaughn S. Cooper, & Richard E. Lenski.** *Science* **274** (6 December): 1758-1750.
- Coyne, Jerry A., Soo Y. Kim, Audrey S. Chang, & Susannah Elwyn.** 2002. “Sexual Isolation Between Two Sibling Species With Overlapping Ranges: *Drosophila santomea* and *Drosophila yakuba*.” *Evolution* **56** (December): 2424-2434.
- Coyne, Jerry A., & H. Allen Orr.** 1989. “Patterns of Speciation in *Drosophila*.” *Evolution* **43** (March): 362-381.
- . 1997. “‘Patterns of Speciation in *Drosophila*’ Revisited.” *Evolution* **51** (February): 295-303.
- . 1998. “The evolutionary genetics of speciation.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **353** (February): 287-305.
- . 2004. *Speciation*. Sunderland, MA: Sinauer Associates, Inc.
- Coyne, Jerry A., & Trevor D. Price.** 2000. “Little Evidence for Sympatric Speciation in Island Birds.” *Evolution* **54** (December): 2166-2171.
- Coyt, David L., Michael Wagenbach, & Jonathon Howard.** 1999. “Kinesin Takes One 8-nm Step for Each ATP That It Hydrolyzes.” *The Journal of Biological Chemistry* **274** (5 February): 3667-3671.

- Cozen, Aaron E., Erin Quartley, Andrew D. Holmes, Eva Hrabeta-Robinson, Eric M. Phizicky, & Todd M. Lowe.** 2015. "ARM-seq: AlkB-facilitated RNA methylation sequencing reveals a complex landscape of modified tRNA fragments." *Nature Methods* **12** (September): 879-884.
- Cozens, Christopher, Vitor B. Pinheiro, Alexandra Vaisman, Roger Woodgate, & Philipp Holliger.** 2012. "A short adaptive path from DNA to RN polymerases." *Proceedings of the National Academy of Sciences* **109** (22 May): 8067-8072.
- Crabtree, Daniel D.** 2014. "MEMORANDUM AND ORDER." 2 December ruling re: *COPE (Citizens for Objective Public Education) v. Kansas State Board of Education et al.* (online pdf via *ncse.com* accessed 12/5/2014).
- Crabtree, Gerald R.** 2013a. "Our fragile intellect. Part I." *Trends in Genetics* **29** (January): 1-3.
- . 2013b. "Our fragile intellect. Part II." *Trends in Genetics* **29** (January): 3-5.
- . 2013c. "Our fragile intellect: response to Dr Mitchell." *Trends in Genetics* **29** (February): 60-62.
- . 2013d. "Rethinking our intellectual origins: response to Kalinka *et al.*" *Trends in Genetics* **29** (March): 127-129.
- Crabtree, Robert H.** 1997. "Where Smokers Rule." *Science* **276** (11 April): 222.
- Cracraft, Joel.** 1982. "Geographic Differentiation, Cladistics, and Vicariance Biogeography: Reconstructing the Tempo and Mode of Evolution." *Integrative and Comparative Biology* (AKA *American Zoologist*) **22** (February): 411-424.
- . 2001. "Gondwana Genesis." *Natural History* **110** (December): 64-73.
- Cracraft, Joel, & Michael J. Donoghue,** eds. 2004. *Assembling the Tree of Life*. Oxford: Oxford University Press.
- Cracraft, Joel, Peter Houde, Simon Y. W. Ho, David P. Mindell, Jon Fjeldså, Bent Lindow, Scott V. Edwards, Carsten Rahbek, Siavash Mirarab, Tandy Warnow, M. Thomas P. Gilbert, Guojie Zhang, Edward L. Braun, & Erich D. Jarvis.** 2015. "Response to Comment on 'Whole-genome analyses resolve early branches in the tree of life of modern birds'." *Science* **349** (25 September): 1460.
- Craddock, Robert A., & Alan D. Howard.** 2002. "The case for rainfall on a warm, wet early Mars." *Journal of Geophysical Research: Planets (1991-2012)* **107** (November): 21.1-21.36.
- Crugan, Ryan T., Barry Kosmin, Ariela Keysar, Joseph H. Hammer, & Michael Nielsen.** 2012. "On the Receiving End: Discrimination toward the Non-Religious in the United States." *Journal of Contemporary Religion* **27** (January): 105-127.
- Crugan, Ryan T., & Ronald Lawson.** 2010. "The Secular Transition: The Worldwide Growth of Mormons, Jehovah's Witnesses, and Seventh-day Adventists." *Sociology of Religion* **71** (Fall): 349-373.
- Craig, Kevin.** 2001. "Thomas Jefferson's Evangelization of the Indians." *End The Wall* 25 May posting (online text at *vftonline.org* accessed 8/22/2013).
- . 2011a. "Who Is Kevin Craig." Undated posting (online text at *www.kevincraig.info* accessed 6/18/2011).
- . 2011b. "Can a Christian Be a Politician?" Undated posting (online text at *www.kevincraig.us* accessed 6/18/2011).
- . 2011c. "Christopher Columbus: Christ-Bearer to the Americas." *End The Wall* undated posting (online text at *vftonline.org* accessed 6/18/2011).
- . 2011d. "Is America A Christian Nation?" Undated posting (online text at *isamericaachristiannation.org* accessed 6/18/2011).
- Craig, Lindsay R.** 2009. "Defending Evo-Devo: A Response to Heokstra and Coyne." *Philosophy of Science* **76** (July): 335-344.
- . 2010. "The So-Called Extended Synthesis and Population Genetics." *Biological Theory* **5** (September): 117-123.
- Craig, O. E., H. Saul, A. Lucquin, Y. Nishida, K. Taché, L. Clarke, A. Thompson, D. T. Altoft, J. Uchiyama, M. Ajimoto, K. Gibbs, S. Isaksson, C. P. Heron, & P. Jordan.**

2013. "Earliest evidence for the use of pottery." *Nature* **496** (18 April): 351-354.
- Craig, William Lane.** 1974. "Evangelicals and Evolution: An Analysis of the Debate Between the Creation Research Society and the American Scientific Affiliation." *Journal of the Evangelical Theological Society* **17** (September): 131-148.
- . 1985. "Contemporary Scholarship and the Historical Evidence for the Resurrection of Jesus Christ." *Truth* **1**: 89-95.
- . 1997. "The Indispensability of Theological Meta-Ethical Foundations for Morality." *Leadership U* posting of *Foundations* **5**: 9-12 article (online text at *leaderu.com* accessed 11/7/2001).
- . 2007a. "Question 170—So Many Atheists, So Little Time!" *Reasonable Faith* posting (online text at *reasonablefaith.org* accessed 12/29/2010).
- . 2007b. "Question 193—Overweening Ignorance." *Reasonable Faith* posting (online text at *reasonablefaith.org* accessed 12/29/2010).
- . 2013. "A Christmas gift for atheists—five reasons why God exists." *Fox News* editorial posting 13 December: online text accessed 12/18/2013 (*foxnews.com*).
- Craig, William Lane, & Bart D. Ehrman.** 2006. "Is There Historical Evidence for the Resurrection of Jesus? A Debate between William Lane Craig and Bart D. Ehrman." College of the Holy Cross (Worcester, MA) 28 March 2006 (online transcript at www.holycross.edu/departments/crec/website/resurrection-debate-transcript.pdf accessed 4/9/2009).
- Craig, William Lane, & Sam Harris.** 2011. "Is the Foundation of Morality Natural or Supernatural?" *Reasonable Faith* posting of University of Notre Dame April debate transcript (online text at *reasonablefaith.org* accessed 11/3/2014).
- Craig, William Lane, & Corey G. Washington.** 1995. "The Craig-Washington Debate: Does God Exist?" Transcript of February internet debate (online text at *leaderu.com* accessed 1/16/2002).
- Crame, Alistair.** 2008. "Numbers of species in the tropics and at the poles," in Benton (2008a, 137-140).
- Cramer, Guy.** 1998. "Code Breaker." *XWalk* posting (online text at *xwalk.ca* accessed 12/18/2014).
- Cramer, John G.** 2009. "Radioactive Decay and the Earth-Sun Distance." "*The Alternative View*" columns of *John G. Cramer* posting of *Analog Science Fiction & Fact Magazine* (May) article AV-147 (online text at www.npl.washington.edu accessed 5/7/2011).
- Cramer, Patrick, David A. Bushnell, Jianhua Fu, Averell L. Gnatt, Barbara Maier-Davis, Nancy E. Thompson, Richard R. Burgess, Aled M. Edwards, Peter R. David, & Roger D. Kornberg.** 2000. "Architecture of RNA Polymerase II and Implications for the Transcription Mechanism." *Science* **288** (28 April): 640-649.
- Cramer, Andreas, Sun-Ai Raillard, Ericka Bermudez, & Willem P. C. Stemmer.** 1998. "DNA shuffling of a family of genes from diverse species accelerates directed evolution." *Nature* **391** (15 January): 288-291.
- Crampton, James.** 2011. "What Drives Biodiversity Changes?" *Science* **334** (25 November): 1073-1074.
- Crampton, James S., Alan G. Beu, Roger A. Cooper, Craig M. Jones, Bruce Marshall, & Phillip A. Maxwell.** 2003. "Estimating the Rock Volume Bias in Paleobiodiversity Studies." *Science* **301** (18 July): 358-360.
- Crampton, James S., Rosie D. Cody, Richard Levy, David Harwood, Robert McKay, & Tim R. Naish.** 2016. "Southern Ocean phytoplankton turnover in response to stepwise Antarctic cooling over the past 15 million years." *Proceedings of the National Academy of Sciences* **113** (21 June): 6868-6873.
- Crampton, James S., Roger A. Cooper, Peter M. Sadler, & Michael Foote.** 2016. "Greenhouse—icehouse transition in the Late Ordovician marks a step change in extinction regime in the marine plankton." *Proceedings of the National Academy of Sciences* **113** (9 February): 1498-1503.
- Crampton, James S., Michael Foote, Alan G. Beu, Phillip A. Maxwell, Roger A. Cooper, Ian**

- Matcham, Bruce A. Marshall, & Craig M. Jones.** 2006. "The ark was full! Constant to declining Cenozoic shallow marine biodiversity on an isolated midlatitude continent." *Paleobiology* **32** (December): 509-532.
- Crampton, Patrick.** 1968. *Stonehenge of the Kings: A People Appear*. New York: John Day.
- Crampton, W. Gary.** 1990. "Does the Bible Contain Paradox?" *The Trinity Review* (November-December): 1-4.
- . 1993. "A Biblical Perspective on Steve Allen." *The Trinity Review* (November): 1-5.
- . 1994. "Man as Created in God's Image." *The Trinity Review* (June): 1-7.
- . 1995. "The Biblical Doctrine of the Trinity." *The Trinity Review* (January): 1-5.
- . 1997a. "The Biblical View of Science." *The Trinity Review* (January): 1-5.
- . 1997b. "The Days of Creation." *The Trinity Review* (February): 1-6.
- . 1997c. "The Threat of Promise Keepers." *The Trinity Review* (September): 1-5.
- . 1999. "A Biblical Theodicy." *The Trinity Review* (January): 1-6.
- . 2001. "A Call for Christian Rationality." *The Trinity Review* (June): 1-4.
- Crandall, Dave.** 2015. "Why Racism, and Reverse Racism Can't Coexist With the Bible." *Davecrandallme* 12 March posting (online text at davecrandall.me/ accessed 3/13/2015).
- Crane, K., & E. Bonatti.** 1987. "The role of fracture zones during early Red Sea rifting: structural analysis using Space Shuttle radar and LANDSAT imagery." *Journal of the Geological Society, London* **144** (June): 407-420.
- Crane, Peter R., & Patrick S. Herendeen.** 2009. "Bennettitales from the Grisethorpe Bed (Middle Jurassic) at Cayton Bay, Yorkshire, UK." *American Journal of Botany* **96** (January): 284-295.
- Crane, Peter R., Patrick Herendeen, & Else Marie Friis.** 2004. "Fossils and plant phylogeny." *American Journal of Botany* **91** (October): 1683-1699.
- Crane, Tim.** 2010. "Mystery and Evidence." The New York Times *The Stone* posting 5 September: online text accessed 9/21/2010 (opinionator.blogs.nytimes.com).
- Cranney, Stephen.** 2013. "Do People Who Believe in God Report More Meaning in Their Lives? The Existential Effects of Belief." *Journal for the Scientific Study of Religion* **52** (September): 638-646.
- Craven, Greg.** 2009. *What's the Worst that Could Happen? A Rational Response to the Climate Change Debate*. New York: Perigee Books.
- Craw, Robin C.** 1984. "Léon Croizat's Biogeographic Work: A Personal Appreciation." *Tuatara* **27** (August): 8-13.
- Crawford, Alan Pell.** 2012. "A Still Unsettling Founding Figure." *The Wall Street Journal* posting 13 April: online text accessed 6/12/2012 (online.wsj.com).
- Crawford, D. J., R. T. Kimball, & Mesfin Tadesse.** 2001. "The generic placement of a morphologically enigmatic species in Asteraceae: evidence from ITS sequences." *Plant Systematics and Evolution* **228** (August): 63-69.
- Crawford, Gary W.** 2009. "Agricultural origins in North China pushed back to the Pleistocene-Holocene boundary." *Proceedings of the National Academy of Sciences* **106** (5 May): 7271-7272.
- Crawford, Ian.** 2013. "The Moon and the early Earth." *Astronomy & Geophysics* **54** (February): 1.31-1.34.
- Crawford, Katherine.** 2011. "The Foundation of the Roman Imperial Cult." Harvard University *Center for Hellenic Studies* posting (online pdf at wp.chs.harvard.edu accessed 9/22/2014).
- Crawford, Nicholas G., Brant C. Faircloth, John E. McCormack, Robb T. Brumfield, Kevin Winker, & Travis C. Glenn.** 2012. "More than 1000 ultraconserved elements provide evidence that turtles are the sister group of archosaurs." Royal Society *Biology Letters* **8** (October): 783-786.
- Crawley, William.** 2007. "Norman Nevin defends Truth in Science." *Will & Testament* posting 3 January: online text accessed 12/28/2010 (news.bbc.co.uk).
- . 2010. "Was B. B. Warfield an evolutionist?" *Will & Testament* posting 17 August: online text accessed 5/22/2011 (news.bbc.co.uk).
- Crayton, Mack E., Bradford C. Powell, Todd J. Vision, & Morgan C. Giddings.** 2006.

- “Tracking the evolution of alternatively spliced exons within the Dscam family.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **6** (16 February): 16.
- Creager, Charles Jr.** 2003. “So called transition from synapsid reptiles to mammals.” *Genesis Mission* undated posting (online text at *genesission.4t.com* accessed 9/23/2003, not available as of 10/21/2014).
- . 2008a. “Mars, a Testament to Catastrophe.” *Answers in Genesis Research Journal* **1**: 89-93.
- . 2008b. “Transition from synapsid reptiles to mammals (Talk.Origins).” Entry last modified 24 June (online text at *creationwiki.org* accessed 9/23/2016).
- . 2012. “The Slowing of Earth Rotation and Lunar Recession.” *Genesis Science Mission* posting (online text at *gscim.com* accessed 7/13/2015).
- . 2013. “Human Chromosome 2 Fusion Theory Shown Wrong.” *Genesis Science Mission* undated posting (online text at *gscim.com* accessed 12/11/2013).
- . 2014. “Speciation, Species and Created Kinds.” *Genesis Mission* undated posting (online text at *genesission.4t.com* accessed 10/21/2014).
- Creanza, Nicole, Oren Kolodny, & Marcus W. Feldman.** 2017. “Cultural evolutionary theory: How culture evolves and why it matters.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7782-7789.
- Creanza, Nicole, Merritt Ruhlen, Trevor J. Pemberton, Noah A. Rosenberg, Marcus W. Feldman, & Sohini Ramachandran.** 2015. “A comparison of worldwide phonemic and genetic variation in human populations.” *Proceedings of the National Academy of Sciences* **112** (3 February): 1265-1272.
- Creasey, Elizabeth A., & Ralph R. Isberg.** 2012. “The protein SdhA maintains the integrity of the *Legionella*-containing vacuole.” *Proceedings of the National Academy of Sciences* **109** (28 February): 3481-3486.
- Creasman, Pearce Paul.** 2014. “Tree Rings and the Chronology of Ancient Egypt.” *Radiocarbon* **56** (4): S85-S92.
- Creation.* 2004. “Broadcasts and meetings.” *Creation Science Movement (UK) Creation* **14** (January): 3.
- Creation Education Center.* 2014. “Where We’ve Been.” *Creation Education Center* undated posting (online text at *www.cecwisc.org* accessed 7/24/2014).
- Creation/Evolution.* 1981. “New Creationist Bills, Resolutions, and Court Cases Appear Nationwide.” *Creation/Evolution* **2** (Spring): 27-34.
- Creation Facts.* 2009. “Paul Amos Moody.” *Creation Facts* 2 August posting (online text at *www.creation-facts.org* accessed 7/8/2014).
- Creationism’s Trojan Horse.* 2014. “Creation Science and Intelligent Design Common Arguments and Themes.” *Creationism’s Trojan Horse* undated posting (online pdf at *creationismstrojanhorse.com* accessed 10/22/2014).
- Creation Research.* 2010a. “A World Full of Living Fossils.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/5/2013).
- . 2010b. “Biblical Thorns.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/6/2013).
- . 2010c. “The Descent of a Man.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/6/2013).
- . 2011. “Biblical Biology: Questions of Life and Death.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/6/2013).
- . 2012a. “Australian Rainfall Cycles.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/6/2013).
- . 2012b. “Fossil Ink Should Make You Think.” *Creation Research* posting (online pdf at *www.evidencweb.net* accessed 3/6/2013).
- . 2012c. “Mesosaur.” *Creation Research* posting (online text at *www.creationresearch.net* accessed 3/3/2013).
- CreationRevolution.* 2011. “Who Built the Great Pyramid, and Why?” *CreationRevolution: Transforming the World with the Truth of Creation* 7 April anonymous posting (online text

- at *creationrevolution.com* accessed 3/27/2014).
- . 2013. “Albert Flesichmann on the Theory of Evolution.” *CreationRevolution: Transforming the World with the Truth of Creation* 11 February anonymous posting (online text at *creationrevolution.com* accessed 6/21/2014).
- Creation Science and Earth History*. 2001. “Coal Deposits and the ‘Noah’s Flood Model’.” *Creation Science and Earth History* undated posting (online text at *www.geocities.ws/pgspears/* accessed 3/16/2015).
- Creation Science Fellowship*. 2014. “Past Events, beginning with the most recent.” *Creation Science Fellowship* posting (online text at *csf.cccm.com* accessed 8/2/2014).
- Creation Science Hall of Fame*. 2013. “Louis Pasteur.” *Creation Science Hall of Fame* posting of Henry M. Morris *Men of Science, Men of God* (1982) excerpt (online text at *creationscienceshalloffame.org/* accessed 7/10/2014).
- Creation Science Movement*. 2006. “Interview with Dr. Leonard Loose—longest serving member of CSM.” *Creation Science Movement* 3 July posting (online text at *www.csm.org.uk* accessed 1/8/2008).
- . 2011. “Who we are.” *Creation Science Movement* undated posting (online text at *www.csm.org.uk* accessed 5/12/2011).
- Creation Sensation*. 2013. “A New Theory for the Pre-Flood Canopy.” *Creation Sensation* link posting to 12 October 2012 video lecture by Edward Boudreaux (online text at *creationsensation.blogspot.com* accessed 12/23/2013).
- Creation Studies Institute*. 2009. “Tom DeRosa—Biography.” *Creation Studies Institute* posting (online text at *www.creationstudies.org* accessed 9/14/2009).
- Creation Summit*. 2014. “Meet the Board...” *Creation Summit* undated posting (online text at *www.creationsummit.com* accessed 10/27/2014).
- CreationSundays*. 2011. “The Northwest Creation Conference Will Take Place in Portland, Oregon on Feb 12th of Creation Weekend 2011.” Web posting 1 February (online text at *creationsunday.wordpress.com* accessed 5/30/2011).
- Creation Tips*. 2008a. “The great platypus and echidna mystery.” *Creation Tips* 9 November updated posting (online text at *www.creationtips.com* accessed 4/29/2013).
- . 2008b. “Dogs and finch-beaks don’t prove evolution!” *Creation Tips* 10 November updated posting (online text at *www.creationtips.com* accessed 4/29/2013).
- . 2009a. “Did dinosaurs ever really exist?” *Creation Tips* 17 July updated posting (online text at *www.creationtips.com* accessed 4/25/2013).
- . 2009b. “Evolution assignments: How to handle them if you are a creationist...” *Creation Tips* 17 July updated posting (online text at *www.creationtips.com* accessed 2/2/2014).
- . 2009c. “What should Christian teens believe about creation science?” *Creation Tips* 20 July updated posting (online text at *www.creationtips.com* accessed 2/2/2014).
- . 2009d. “Is evolution a fact, like gravity?” *Creation Tips* 20 July updated posting (online text at *www.creationtips.com* accessed 2/19/2014).
- . 2009e. “The baby born with a tail is no evidence of evolution.” *Creation Tips* 3 August updated posting (online text at *www.creationtips.com* accessed 4/29/2013).
- . 2009f. “Bats—1000 species but not one evolutionary link.” *Creation Tips* 21 August updated posting (online text at *www.creationtips.com* accessed 4/25/2013).
- . 2009g. “Did bats go on Noah’s Ark?” *Creation Tips* 21 August updated posting (online text at *www.creationtips.com* accessed 4/25/2013).
- . 2009h. “What was the date of Noah’s Flood?” *Creation Tips* 25 September updated posting (online text at *www.creationtips.com* accessed 4/25/2013).
- . 2009i. “How could legs and feet evolve?” *Creation Tips* 28 December updated posting (online text at *www.creationtips.com* accessed 4/29/2013).
- . 2010a. “Problems for atheistic evolutionists.” *Creation Tips* 18 January updated posting (online text at *www.creationtips.com* accessed 4/29/2013).
- . 2010b. “Humans are not descended from apes.” *Creation Tips* 18 January updated posting (online text at *www.creationtips.com* accessed 4/25/2013).
- . 2010c. “Were Neanderthals human? Or were they ape-man?” *Creation Tips* 8 May updated posting (online text at *www.creationtips.com* accessed 4/25/2013).

- . 2011. “Was behemoth in Job 40:15 a dinosaur?” *Creation Tips* 25 September updated posting (online text at www.creationtips.com accessed 4/25/2013).
- Creation Today*. 2010. “Fossils Found Through Layers of Sediment.” *Creation Today* 7 May posting (online text at www.creationtoday.org accessed 7/30/2016).
- . 2012a. “Points To Ponder About Noah’s Flood.” *Creation Today* undated posting (online text at www.creationtoday.org accessed 3/10/2012).
- . 2012b. “Eric Hovind.” *Creation Today* undated posting (online text at www.creationtoday.org accessed 3/10/2012).
- CreationWiki*. 2007a. “Malachite man was found in Cretaceous sandstone (Talk.Origins).” Entry last modified 16 April (online text at creationwiki.org accessed 5/28/2009).
- . 2007b. “The bombardier beetle is too complex to have evolved (Talk.Origins).” Entry last modified 17 April (online text at creationwiki.org accessed 9/7/2015).
- . 2007c. “There is a law of conservation of information (Talk.Origins).” Entry last modified 19 April (online text at creationwiki.org accessed 8/25/2011).
- . 2007d. “Transition from primitive jawless fish to bony fish (Talk.Origins).” Entry last modified 19 April (online text at creationwiki.org accessed 2/23/2013).
- . 2007e. “International Journal for Creation Research.” Entry last modified 2 August (online text at creationwiki.org accessed 3/5/2009).
- . 2007f. “T.H. Huxley was racist (Talk.Origins).” Entry last modified 1 June (online text at creationwiki.org accessed 3/13/2015).
- . 2007g. “Cambrian explosion contradicts evolutionary ‘tree’ pattern (Talk.Origins).” Entry last modified 18 October (online text at creationwiki.org accessed 8/25/2008).
- . 2007h. “William Jennings Bryan.” Entry last modified 27 December (online text at creationwiki.org accessed 2/11/2009).
- . 2008a. “Michael Oard.” Entry last modified 20 March (online text at creationwiki.org accessed 7/10/2008).
- . 2008b. “Perissodactyls (Talk.Origins).” Entry last modified 25 March (online text at creationwiki.org accessed 1/13/2009, not available as of 1/20/2013).
- . 2008c. “Bombardier beetle chemicals would explode if mixed without an inhibitor (Talk.Origins).” Entry last modified 24 June (online text at creationwiki.org accessed 9/7/2015).
- . 2008d. “Footprints in Coconino sandstone appear to have been made underwater (Talk.Origins).” Entry last modified 25 June (online text at creationwiki.org accessed 9/11/2013).
- . 2008e. “Creation Truth Foundation.” Entry last modified 10 November (online text at creationwiki.org accessed 8/4/2013).
- . 2008f. “Rapid coal formation.” Entry last modified 30 November (online text at creationwiki.org accessed 1/13/2009, not available as of 7/30/2012).
- . 2009a. “Public education.” Entry last modified 17 January (online text at creationwiki.org accessed 7/14/2009).
- . 2009b. “Creation Studies Institute.” Entry last modified 4 April (online text at creationwiki.org accessed 9/14/2009).
- . 2009c. “Tom DeRosa.” Entry last modified 4 April (online text at creationwiki.org accessed 9/14/2009).
- . 2009d. “Legal controversy.” Entry last modified 29 April (online text at creationwiki.org accessed 5/2/2009).
- . 2009e. “Transitions among reptiles (Talk.Origins).” Entry last modified 23 August (online text at creationwiki.org accessed 10/20/2013).
- . 2009f. “Rocky Mountain Creation Fellowship.” Entry last modified 18 October (online text at creationwiki.org accessed 12/23/2013).
- . 2010a. “Glendive Dinosaur and Fossil Museum.” Entry last modified 15 January (online text at creationwiki.org accessed 2/21/2013).
- . 2010b. “Creation Science Movement.” Entry last modified 18 March (online text at creationwiki.org accessed 5/12/2011).
- . 2010c. “E-coli mutation and evolution.” Entry last modified 23 March (online text at

- creationwiki.org* accessed 2/18/2013).
- . 2010d. “Joseph Meert.” Entry last modified 4 June (online text at *creationwiki.org* accessed 12/20/2011).
 - . 2010e. “Heinz Lycklama.” Entry last modified 5 June (online text at *creationwiki.org* accessed 9/16/2013).
 - . 2010f. “Irreducible complexity.” Entry last modified 6 June (online text at *creationwiki.org* accessed 9/26/2011).
 - . 2010g. “Nancy Bryson.” Entry last modified 8 June (online text at *creationwiki.org* accessed 1/30/2014).
 - . 2010h. “Tasmanian devil.” Entry last modified 9 June (online text at *creationwiki.org* accessed 6/20/2014).
 - . 2010i. “Ray Bohlin.” Entry last modified 19 June (online text at *creationwiki.org* accessed 3/1/2012).
 - . 2010j. “Edward Boudreaux.” Entry last modified 19 June (online text at *creationwiki.org* accessed 12/23/2013).
 - . 2010k. “Ashby Camp.” Entry last modified 19 June (online text at *creationwiki.org* accessed 11/9/2011).
 - . 2010l. “Roger DeHart.” Entry last modified 19 June (online text at *creationwiki.org* accessed 1/23/2014).
 - . 2010m. “John Mackay.” Entry last modified 19 June (online text at *creationwiki.org* accessed 1/6/2013).
 - . 2010n. “Bruce Malone.” Entry last modified 19 June (online text at *creationwiki.org* accessed 3/10/2012).
 - . 2010o. “Joseph Mastropaolo.” Entry last modified 19 June (online text at *creationwiki.org* accessed 3/23/2013).
 - . 2010p. “John Meyer.” Entry last modified 19 June (online text at *creationwiki.org* accessed 6/11/2014).
 - . 2010q. “Australian marsupial.” Entry last modified 11 August (online text at *creationwiki.org* accessed 7/27/2011).
 - . 2010r. “Creation in secular science journal (geology).” Entry last modified 16 August (online text at *creationwiki.org* accessed 9/23/2013).
 - . 2010s. “Transitional fossils are lacking (Talk.Origins).” Entry last modified 18 December (online text at *creationwiki.org* accessed 12/29/2012).
 - . 2011a. “Coal formation.” Entry last modified 21 January (online text at *creationwiki.org* accessed 7/30/2012).
 - . 2011b. “Antediluvian civilization.” Entry last modified 7 May (online text at *creationwiki.org* accessed 5/28/2011).
 - . 2011c. “Creation in secular journal (biology).” Entry last modified 13 April (online text at *creationwiki.org* accessed 9/24/2013).
 - . 2011d. “Paleoanthropology.” Entry last modified 21 April (online text at *creationwiki.org* accessed 5/28/2011).
 - . 2011e. “Pisco formation.” Entry last modified 30 May (online text at *creationwiki.org* accessed 3/5/2012).
 - . 2011f. “John Woodmorappe.” Entry last modified 12 July (online text at *creationwiki.org* accessed 5/27/2012).
 - . 2011g. “Intelligent Design Network.” Entry last modified 14 July (online text at *creationwiki.org* accessed 1/26/2014).
 - . 2010h. “Van Andel Creation Research Center.” Entry last modified 16 July (online text at *creationwiki.org* accessed 6/11/2014).
 - . 2011i. “Michael Brown.” Entry last modified 17 July (online text at *creationwiki.org* accessed 2/14/2013).
 - . 2011j. “Epigenetic inheritance.” Entry last modified 22 July (online text at *creationwiki.org* accessed 8/1/2011).
 - . 2011k. “Haldane’s Dilemma.” Entry last modified 31 July (online text at *creationwiki.org* accessed 10/12/2011).

- . 2011l. “Talk: Haldane’s Dilemma.” Entry last modified 7 September (online text at *creationwiki.org* accessed 10/31/2011).
- . 2011m. “Suboptimal design (EvoWiki).” Entry last modified 31 October (online text at *creationwiki.org* accessed 4/16/2015).
- . 2011n. “Criticism of RATE’s helium diffusion data.” Entry last modified 1 November (online text at *creationwiki.org* accessed 10/11/2013).
- . 2011o. “Ron Wyatt.” Entry last modified 11 December (online text at *creationwiki.org* accessed 8/23/2013).
- . 2011p. “Apple snail.” Entry last modified 24 December (online text at *creationwiki.org* accessed 3/5/2013).
- . 2012a. “Malachite man was found in Cretaceous sandstone.” Entry last modified 20 March (online text at *creationwiki.org* accessed 9/7/2013).
- . 2012b. “Richard Sternberg.” Entry last modified 28 March (online text at *creationwiki.org* accessed 12/10/2012).
- . 2012c. “Earl M. J. Aagaard.” Entry last modified 18 April (online text at *creationwiki.org* accessed 11/27/2013).
- . 2012d. “Robert Carter.” Entry last modified 28 April (online text at *creationwiki.org* accessed 5/16/2013).
- . 2012e. “Transitional form.” Entry last modified 19 July (online text at *creationwiki.org* accessed 1/20/2013).
- . 2012f. “Kelly Hollowell.” Entry last modified 26 July (online text at *creationwiki.org* accessed 5/6/2014).
- . 2012g. “Neanderthal.” Entry last modified 23 September (online text at *creationwiki.org* accessed 12/12/2012).
- . 2012h. “Dark-winged fungus gnat.” Entry last modified 3 October (online text at *creationwiki.org* accessed 6/6/2014).
- . 2012i. “Speciation.” Entry last modified 7 October (online text at *creationwiki.org* accessed 12/3/2012).
- . 2013a. “Catastrophic plate tectonics.” Entry last modified 2 January (online text at *creationwiki.org* accessed 10/19/2014).
- . 2013b. “Carl Werner.” Entry last modified 7 April (online text at *creationwiki.org* accessed 5/16/2013).
- . 2013c. “David Down.” Entry last modified 7 April (online text at *creationwiki.org* accessed 12/2/2013).
- . 2013d. “John K. G. Kramer.” Entry last modified 8 April (online text at *creationwiki.org* accessed 9/22/2013).
- . 2013e. “Jonathan Wells.” Entry last modified 18 April (online text at *creationwiki.org* accessed 11/27/2013).
- . 2013f. “Walter ReMine.” Entry last modified 30 May (online text at *creationwiki.org* accessed 10/17/2013).
- . 2013g. “Missoula flood.” Entry last modified 30 May (online text at *creationwiki.org* accessed 10/9/2014).
- . 2013h. “Moon dust.” Entry last modified 31 May (online text at *creationwiki.org* accessed 6/8/2014).
- . 2013i. “Lenny Flank.” Entry last modified 9 June (online text at *creationwiki.org* accessed 11/2/2013).
- . 2013j. “Diego Rodriguez.” Entry last modified 9 July (online text at *creationwiki.org* accessed 6/19/2014).
- . 2013k. “Stan Lutz.” Entry last modified 9 July (online text at *creationwiki.org* accessed 6/19/2014).
- . 2013l. “A Case Against Accident and Self-Organization.” Entry last modified 6 August (online text at *creationwiki.org* accessed 8/12/2013).
- . 2013m. “Louis Pasteur was a creationist (Talk.Origins).” Entry last modified 19 October (online text at *creationwiki.org* accessed 7/9/2014).
- . 2013n. “Darwin’s work refers to ‘preservation of favoured races’.” Entry last modified 3

- November (online text at *creationwiki.org* accessed 3/13/2015).
- . 2013o. “Brent Carter.” Entry last modified 8 December (online text at *creationwiki.org* accessed 6/25/2014).
- . 2014a. “Spike Psarris.” Entry last modified 12 January (online text at *creationwiki.org* accessed 6/7/2014).
- . 2014b. “Segraves vs. State of California.” Entry last modified 24 January (online text at *creationwiki.org* accessed 8/10/2014).
- . 2014c. “Bombardier beetle.” Entry last modified 5 February (online text at *creationwiki.org* accessed 9/7/2015).
- . 2014d. “Star of Bethlehem.” Entry last modified 5 February (online text at *creationwiki.org* accessed 6/5/2014).
- . 2014e. “Created Kinds.” Entry last modified 11 April (online text at *creationwiki.org* accessed 10/22/2014).
- . 2014f. “Brad Harrub.” Entry last modified 27 May (online text at *creationwiki.org* accessed 8/11/2014).
- . 2014g. “Synapsid.” Entry last modified 26 July (online text at *creationwiki.org* accessed 7/25/2016).
- . 2014h. “Fire breathing dragon.” Entry last modified 2 September (online text at *creationwiki.org* accessed 9/7/2015).
- . 2014i. “Hydroplate theory.” Entry last modified 2 September (online text at *creationwiki.org* accessed 7/15/2015).
- . 2014j. “Unfossilized dinosaur bone.” Entry last modified 25 December (online text at *creationwiki.org* accessed 3/18/2016).
- . 2015a. “Evolution is racist (Talk.Origins).” Entry last modified 19 February (online text at *creationwiki.org* accessed 3/13/2015).
- . 2015b. “Darwin himself was racist (Talk.Origins).” Entry last modified 21 February (online text at *creationwiki.org* accessed 3/13/2015).
- . 2015c. “Moon recession.” Entry last modified 28 February (online text at *creationwiki.org* accessed 7/13/2015).
- . 2015d. “Allosaur.” Entry last modified 4 August (online text at *creationwiki.org* accessed 2/6/2017).
- . 2015e. “Creation vs. evolution.” Entry last modified 29 October (online text at *creationwiki.org* accessed 7/2/2016).
- . 2015f. “David Prentice.” Entry last modified 29 October (online text at *creationwiki.org* accessed 12/3/2015).
- Creechan, Henry James.** 2002. “A Brief Analysis of the Scientific/Natural Laws and Phenomena Undermining Current *Theories of Evolution* and the *Origins of Life*.” *Catholic Forum* undated posting of work “based upon a series of lectures by the late James Wallace Godschall Johnson” (online text at *www.catholic-forum.com/catholicteacher/evolutionTEXT.htm* accessed 4/16/2002, not available as of 10/18/2014).
- Creeley, William.** 2010. “FIRE Files Friend-of-the-Court Brief with Eleventh Circuit in Augusta State University Case.” *Foundation for Individual Rights in Education* article 2 December (online text at *www.thefire.org* accessed 12/8/2010).
- Creigh, Brian.** 2012. The origins of consciousness: An interview with Graham Hancock.” *Veritas* (September/October): 2-9.
- Creighton, Thomas C., Bob Bastian, Kerry A. Benninghoff, Scott W. Boyd, Paul I. Clymer, Brian L. Ellis, Arthur D. Hershey, Dennis Leh, Joseph A. Petrarca, Samuel E. Rohrer, & Jerry A. Stern.** 2005. “House Bill No. 1007.” Pennsylvania House of Representatives legislative posting (online text at *www.legis.state.pa.us* accessed 4/14/2013).
- Cremona, Michael A.** 2001. “Paleobotanical Anomalies Bearing on the Age of the Salt Range Formation of Pakistan: A Historical Survey of an Unresolved Scientific Controversy.” *Michael Cremona* posting (online text at *www.mcremona.com* accessed 6/14/2015).
- Cremona, Michael A., & Richard L. Thompson.** 1993. *Forbidden Archaeology: The Hidden History of the Human Race*. San Diego, CA: Bhaktiveda Institute.

- Crepet, William L.** 1998. "The Abominable Mystery." *Science* **282** (27 November): 1653-1654.
- . 2000. "Progress in understanding angiosperm history, success, and relationships: Darwin's abominably 'perplexing phenomenon.'" *Proceedings of the National Academy of Sciences* **97** (21 November): 12939-12941.
- Crepet, William L., & Karl J. Niklas.** 2009. "Darwin's Second 'Abominable Mystery': Why Are There So Many Angiosperm Species?" *American Journal of Botany* **96** (January): 366-381.
- Cresko, William A.** 2008. "Armor Development and Fitness." *Science* **322** (10 October): 204-206.
- Cresko, William A., Angel Amores, Catherine Wilson, Joy Murphy, Mark Currey, Patrick Phillips, Michael A. Bellt, Charles B. Kimmel, & John H. Postlethwait.** 2004. "Parallel genetic basis for repeated evolution of armor loss in Alaskan threespine stickleback populations." *Proceedings of the National Academy of Sciences* **101** (20 April): 6050-6055.
- Crespi, Bernard J.** 2004. "Vicious circles: positive feedback in major evolutionary and ecological transitions." *Trends in Ecology & Evolution* **19** (December): 627-633.
- . 2006. "The natural selection of psychosis." *Behavioral and Brain Sciences* **29** (August): 410-411.
- Crespi, Bernard, & Christopher Babcock.** 2008. "Psychosis and autism as diametrical disorders of the social brain." *Behavioral and Brain Sciences* **31** (June): 241-320.
- Crespi, Bernard, & Kyle Summers.** 2014. "Inclusive fitness theory for the evolution of religion." *Animal Behaviour* **92** (June): 313-323.
- Crespi, Bernard, Kyle Summers, & Steve Dorus.** 2007. "Adaptive evolution of genes underlying schizophrenia." *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 November): 2801-2810.
- Cressey, Daniel.** 2012. "'Arsenic-life' bacterium prefers phosphorus after all." *Nature News* (3 October) posting (online text at *nature.com* accessed 10/5/2012).
- Cressler, Walter L. III, & Hermann W. Pfefferkorn.** 2005. "A Late Devonian isoetalean lycopsid, *Otzinachsonia beerboweri*, gen. et sp. nov., from north-central Pennsylvania, USA." *American Journal of Botany* **92** (July): 1131-1140.
- Cressler, Walter L. III, Cyrille Prestianni, & Ben A. LePage.** 2010. "Late Devonian spermatophyte diversity and paleoecology at Red Hill, north-central Pennsylvania, USA." *International Journal of Coal Geology* **83** (August): 91-102.
- Cresswell, James E., & Helen M. Thompson.** 2012. "Comment on 'A Common Pesticide Decreases Foraging Success and Survival in Honey Bees'." *Science* **337** (21 September): 1453.
- Cresswell, P., & R. P. Nelson.** 2006. "On the evolution of multiple protoplanets embedded in a protostellar disc." *Astronomy & Astrophysics* **450** (1 May): 833-853.
- Creswell, J. David, William T. Welch, Shelley E. Taylor, David K. Sherman, Tara L. Gruenewald, & Traci Mann.** 2005. "Affirmation of Personal Values Buffers Neuroendocrine and Psychological Stress Responses." *Psychological Science* **16** (November): 846-851.
- Cretekos, Chris J., Ying Wang, Eric D. Green, NISC Comparative Sequencing Program, James F. Martin, John J. Rasweiler IV, & Richard R. Behringer.** 2008. "Regulatory divergence modifies limb length between mammals." *Genes & Development* **22** (15 January): 141-151.
- Creuzet, Sophie, Gérard Couly, Christine Vincent, & Nicole M. Le Douarin.** 2002. "Negative effect of Hox gene expression on the development of the neural crest-derived facial skeleton." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **129** (15 September): 4301-4313.
- Crew, Bruce R.** 2006. "Why Not Nabatea? The Flight of Joseph's Family from Bethlehem to Egypt and Migration to the Town of Nazareth in Galilee." *Bible and Spade* **19** (Fall): 119-125.
- Crews, David, Ross Gillette, Samuel V. Scarpino, Mohan Manikkam, & Marina I.**

- Savenkova.** 2012. “Epigenetic transgenerational inheritance of altered stress responses.” *Proceedings of the National Academy of Sciences* **109** (5 June): 9143-9148.
- Crews, David, Andrew C. Gore, Timothy S. Hus, Nygerma L. Dangleben, Michael Spinetta, Timothy Schallert, Matthew D. Anway, & Michael K. Skinner.** 2007. “Transgenerational epigenetic imprints on mate preference inheritance of altered stress responses.” *Proceedings of the National Academy of Sciences* **104** (3 April): 5942-5946.
- Crews, Frederick.** 2001a. “Saving Us from Darwin.” *The New York Review of Books* (4 October): 24, 26-27.
- . 2001b. “Saving Us from Darwin, Part II.” *The New York Review of Books* (18 October): 51-52, 54-55.
- Creyghton, Menno P., Albert W. Cheng, G. Grant Welstead, Tristan Kooistra, Bryce W. Carey, Eveline J. Steine, Jacob Hanna, Michael A. Lodato, Garrett M. Frampton, Phillip A. Sharp, Laurie A. Boyer, & Richard A. Young.** 2010. “Histone H3K27ac separates active from poised enhancers and predicts developmental state.” *Proceedings of the National Academy of Sciences of the United States of America* **107** (14 December): 21931–21936.
- Crézé, M., E. Chereul, O. Bienaymé, & C. Pichon.** 1998. “The distribution of nearby stars in phase space mapped by Hipparcos.” *Astronomy & Astrophysics* **329** (February): 920-936.
- Cribari-Neto, Francisco, & Tatiane C. Souza.** 2013. “Religious belief and intelligence: Worldwide evidence.” *Intelligence* **41** (September-October): 482-489.
- Cribiu, E. P., D. Di Berardino, G. P. Di Meo, A. Eggen, D. S. Gallagher, I. Gustavsson, H. Hayes, I. Iannuzzi, C. P. Popescu, J. Rubes, S. Schmutz, C. Stranzinger, A. Vaiman, & J. Womack.** 2001. “International System for Chromosome Nomenclature of Domestic Bovids (ISCNDB 2000).” *Cytogenetic and Genome Research (AKA Cytogenetics and Cell Genetics)* **92** (3-4): 283-299.
- Cribiu, E. P., M. Matejka, R. Darre, V. Durand, H. M. Berland, & A. Bouvet.** 1989. “Identification of chromosomes involved in a Robertsonian translocation in cattle.” *Genetics Selection Evolution (AKA Annales de Génétique et de Sélection Animale)* **21**: 555–560.
- Crick, Francis.** 1994. *The Astonishing Hypothesis: The Scientific Search for the Soul*. New York: Charles Scribner’s Sons.
- Crick, Francis, & Christof Koch.** 1992. “The Problem of Consciousness.” *Scientific American* **267** (September): 152-159.
- . 1995. “Why Neuroscience May Be Able to Explain Consciousness.” *Scientific American* **273** (December): 84-85.
- . 1998. “Consciousness and Neuroscience.” *Cerebral Cortex* **8** (March): 97-107.
- . 2005. “What is the function of the claustrum?” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **360** (29 June): 1271-1279.
- Crick, F. H. C., & L. E. Orgel.** 1973. “Directed Panspermia.” *Icarus* **19** (July): 341-346.
- Crida, Aurélien, & Sébastien Charnoz.** 2010. “Recipe for making Saturn’s rings.” *Nature* **468** (16 Decedwyer, cember): 903-905.
- Crippen, Gordon M., & Vladimir N. Maiorov.** 1995. “How Many Protein Folding Motifs are There?” *Journal of Molecular Biology* **252** (8 September): 144-151.
- Cripps, John Thomas.** 1994. “A Biography of R.L. Dabney.” *Point South* November lecture posting (online text at www.pointsouth.com accessed 7/2/2002, not available as of 11/25/2015).
- Crisuolo, Alexis, & Simonetta Gribaldo.** 2011. “Large-Scale Phylogenomic Analyses Indicate a Deep Origin of Primary Plastids within Cyanobacteria.” *Molecular Biology and Evolution* **28** (November): 3019-3032.
- Crisp, Alastair, Chiara Boschetti, Malcolm Perry, Alan Tunnacliffe, & Gos Micklem.** 2015. “Expression of multiple horizontally acquired genes is a hallmark of both vertebrate and invertebrate genomes.” *Genome Biology* (online @ genomebiology.com) **16** (13 March: 50.
- Crisp, Michael D., & Lyn G. Cook.** 2009. “Explosive Radiation or Cryptic Mass Extinction? Interpreting Signatures in Molecular Phylogenies.” *Evolution* **63** (September): 2257-2265.

- Crisp, Oliver D.** 2009. “On Analytic Theology,” in Rea & Crisp (2009, 33-53).
- Crisp, Peter A., Diep Ganguly, Steven R. Eichten, Justin O. Borevitz, & Barry J. Pogson.** 2016. “Reconsidering plant memory: Intersections between stress recovery, RNA turnover, and epigenetics.” *Science Advances* **2** (19 February): e1501340 (online at *sciencemag.org*).
- Crisp, Thomas M.** 2009. “On Believing that the Scriptures are Divinely Inspired,” in Rea & Crisp (2009, 187-213).
- Cristiani, Emanuela, Anita Radini, Marija Edinborough, & Dušan Borić.** 2016. “Dental calculus reveals Mesolithic foragers in the Balkans consumed domesticated plant foods.” *Proceedings of the National Academy of Sciences* **113** (13 September): 10298-10303.
- Cristino, Alexandre S., Erica D. Tanaka, Mercedes Rubio, Maria-Dolors Piulachs, & Xavier Belles.** 2011. “Deep Sequencing of Organ- and Stage-Specific microRNAs in the Evolutionarily Basal Insect *Blattella germanica* (L.) (Dictyoptera, Blattellidae).” *PLoS ONE* (online @ *plosone.org*) **6** (April): e19350.
- Criswell, C. William.** 1987. “Chronology and pyroclastic stratigraphy of the May 18, 1980, Eruption of Mount St. Helens, Washington.” *Journal of Geophysical Research* **92** (10 September): 10237-10266.
- Criswell, Daniel C.** 1995. “Ancient Civilizations and Modern Man: Were Ancient Cultures More Advanced than Many Evolutionists Believe?” Answers in Genesis *Creation ex Nihilo* posting for 1 March (online text at *www.answersingenesis.org* accessed 2/22/2014).
- . 2004. “No. 378—The ‘Evolution’ of Antibiotic Resistance.” Institute for Creation Research *Impact* (December): i-iv.
- . 2007. “Adam and Eve, Vitamin C, and Pseudogenes.” *Institute for Creation Research* article posting, identified as *Acts & Facts* (May) original (online text at *icr.org* accessed 5/4/2012).
- . 2009a. “Neandertal DNA and Modern Humans.” *Creation Research Society Quarterly* **45** (March): 246-254.
- . 2009b. “A Review of Mitoribosome Structure and Function Does not Support the Serial Endosymbiotic Theory.” Answers in Genesis *Answers Research Journal* **2**: 107-115.
- Critchlow, Donald T.** 2005. *Phyllis Schlafly and Grassroots Conservatism*. Princeton, NJ: Princeton University Press.
- Crittenden, Peter.** 1997. “Ending a Historical Taboo.” *American Renaissance* February article posting (online text at *www.amren.com* accessed 7/3/2015).
- Crocker, Caroline.** 2011. “Working for Integrity in Science.” Home page posting (online text at *intellectualhonesty.info* accessed 4/4/2012).
- . 2013. “Evolution of Brain Chemicals? The Taming of the Fox.” *American Institute for Technology and Science* 27 May posting (online text at *www.aitse.org* accessed 8/2/2014).
- Crockett, Molly J., Luke Clark, Marc D. Hauser, & Trevor W. Robbins.** 2010. “Serotonin selectively influences moral judgment and behavior through effects on harm aversion.” *Proceedings of the National Academy of Sciences* **107** (5 October): 17433-17438.
- Crockett, Molly J., Luke Clark, Golnaz Tabibnia, Matthew D. Lieberman, & Trevor W. Robbins.** 2008. “Serotonin Modulates Behavioral Reactions to Unfairness.” *Science* **320** (27 June): 1739.
- Crockett, Molly J., Zeb Kurth-Nelson, Jenifer Z. Siegel, Peter Dayan, & Raymond J. Doland.** 2014. “Harm to others outweighs harm to self in moral decision making.” *Proceedings of the National Academy of Sciences* **111** (2 December): 17320-17325.
- Crockford, Susan J.** 2003. “Thyroid rhythm phenotypes and hominid evolution: a new paradigm implicates pulsatile hormone secretion in speciation and adaptation changes.” *Comparative Biochemistry and Physiology Part A* (Molecular & Integrative Physiology) **135** (May): 105-129.
- . 2009. “Evolutionary roots of iodine and thyroid hormones in cell-cell signaling.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **49** (August): 155-166.
- Crofoot, Margaret Chatham, & Ian C. Gilby.** 2012. “Cheating monkeys undermine group strength in enemy territory.” *Proceedings of the National Academy of Sciences* **109** (10 January): 501-505.

- Croft, Darin A.** 2008. “Why do deer have antlers: fighting or display?” in Benton (2008a, 237-240).
- Croft, Martin T., Martin J. Warren, & Alison G. Smith.** 2006. “Algae Need Their Vitamins.” *Eukaryotic Cell* **5** (August): 1175-1183.
- Croissant, Ann B., & Gerald L. Croissant.** 1997. *Science 1001 Taxonomy: Key to Organization*. Rock Rapids, IA: Alpha Omega LIFEPAC.
- Cromer, Alan.** 1993. *Uncommon Sense: The Heretical Nature of Science*. New York: Oxford University Press.
- Crompton, A. W.** 1963. “The Evolution of the Mammalian Jaw.” *Evolution* **17** (December): 431-439.
- . 1972. “The evolution of the jaw articulation of cynodonts,” in Joysey & Kemp (1972, 231-251).
- Crompton, A. W., & F. A. Jenkins Jr.** 1979. “Origin of Mammals,” in Lillegraven *et al.* (1979, 59-73).
- Crompton, Alfred W., & Zhe-Xi Luo.** 1993. “Relationships of the Liassic mammals *Sinoconodon*, *Morganucodon oehleri*, and *Dinnetherium*,” in Szalay *et al.* (1993, 30-44).
- Crompton, A. W., & Pamela Parker.** 1978. “Evolution of the Mammalian Masticatory Apparatus.” *American Scientist* **66** (March-April): 192-201.
- Crompton, A. W., & Ai-Lin Sun.** 1985. “Cranial structure and relationships of the Liassic mammal *Sinoconodon*.” *Zoological Journal of the Linnean Society* **85** (October): 99-119.
- Crompton, A. W., C. Richard Taylor, & James A. Jagger.** 1978. “Evolution of homeothermy in mammals.” *Nature* **272** (23 March): 333-336.
- Crompton, Robin Huw, William I. Sellers, & Susannah K. S. Thorpe.** 2010. “Arboreality, terrestriality and bipedalism.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 October): 3301-3314.
- Crompton, Robin Huw, & Todd C. Pataky.** 2009. “Stepping Out.” *Science* **323** (27 February): 1174-1175.
- Crompton, R. H., & S. K. S. Thorpe.** 2007. “Response to Comment on ‘Origin of Human Bipedalism As an Adaptation for Locomotion on Flexible Branches’.” *Science* **318** (16 November): 1066.
- Crompton, R. H., E. E. Vereecke, & S. K. S. Thorpe.** 2008. “Locomotion and posture from the common hominoid ancestor to full modern hominins, with special reference to the last common panin/hominin ancestor.” *Journal of Anatomy* **212** (April): 501-543.
- Crone, Billy.** 2015. “Intelligent Design of Symbiotic Relationships & Genetic Similarities” *Get A Life Ministriess* undated posting (online pdf at www.getalifemedia.com accessed 7/29/2015).
- Crônier, Catherine.** 2003. “Systematic relationships of the blind phacopine trilobite *Trimerocephalus*, with a new species from Causses-et-Veyran, Montagne Noire.” *Acta Palaeontologica Polonica* **48** (1): 55-70.
- Crônier, Catherine, Raimund Feist, & Jean-Christophe Auffray.** 2004. “Variation in the Eye of *Acuticryphops* (Phacopina, Trilobita) and Its Evolutionary Significance: A Biometric and Morphometric Approach.” *Paleobiology* **30** (Summer): 471-481.
- Cronin, John R., & Sandra Pizzarello.** 1997. “Enantiomeric Excesses in Meteoritic Amino Acids.” *Science* **275** (14 February): 951-955.
- Cronin, Katherine A.** 2016. “Unnatural paradigm calls into question whether macaques’ social decisions represent empathy.” *Proceedings of the National Academy of Sciences* **113** (8 March): E1331.
- Cronin, Katherine A., Kori K. E. Schroeder, & Charles T. Snowden.** 2010. “Prosocial behaviour emerges independent of reciprocity in cottontop tamarins.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 December): 3845-3851.
- Cronin, Katherine A., Edwin J. C. van Leeuwen, Innocent Chitalu Mulenga, & Mark D. Bodamer.** 2011. “Behavioral response of a chimpanzee mother toward her dead infant.” *American Journal of Primatology* **73** (May): 415-421.
- Cronin, Leroy, & Sara Imari Walker.** 2016. “Beyond prebiotic chemistry.” *Science* **352** (3

- June): 1174-1175.
- Cronin, Melissa.** 2013. "Neil deGrasse Tyson Explains The Origins Of Atomic Elements In Our Bodies (VIDEO)." *Huffpost Science* posting 23 March (online text at huffingtonpost.com accessed 6/5/2014).
- Cronin, Thomas W., & Megan L. Porter.** 2008. "Exceptional Variation on a Common Theme: The Evolution of Crustacean Compound Eyes." *Evolution: Education & Outreach* **1** (October): 463-475.
- Cronin, Timothy W., & Eli Tziperman.** 2015. "Low clouds suppress Arctic air formation and amplify high-latitude continental winter warming." *Proceedings of the National Academy of Sciences* **112** (15 September): 11490-11495.
- Cronstein, Bruce.** 2005. "Response to RFP: 'Rigorous Test of Intelligent Design'." Federation of American Societies for Experimental Biology *The FASEB Journal* **19** (December): 1936-1937.
- Crosland, Maurice.** 1992. *Science Under Control: The French Academy of Sciences 1795-1914*. Cambridge: Cambridge University Press.
- Cross, Frank Moore Jr.** 1968. "The Phoenician Inscription from Brazil: A Nineteenth-Century Forgery." *Orientalia* **37**: 437-460.
- Cross, Ian.** 2001. "Music, Mind and Evolution." *Psychology of Music* **29** (April): 95-102.
- Cross, John.** 2007. "Was Louis Pasteur Anti-Evolution?" *Skeptic* **13** (March): 13.
- Cross, Richard L.** 2004. "Turning the ATP motor." *Nature* **427** (29 January): 407-408.
- Crossan, John Dominic.** 1991. *The Historical Jesus: The Life of a Mediterranean Jewish Peasant*. 1992 pb ed. San Francisco: HarperSanFrancisco.
- Crossey, Laura J., & Karl E. Karlstrom.** 2012. "Travertines and travertine springs in eastern Grand Canyon: What they tell us about ground water, paleoclimate, and incision of Grand Canyon." *The Geological Society of America Special Papers* **489**: 131-143.
- Crossland, Michael R., Takashi Haramura, Amgela A. Salim, Robert J. Capon, & Richard Shine.** 2012. "Exploiting intraspecific competitive mechanisms to control invasive cane toads (*Rhinella marina*)." *Proceedings of the Royal Society of London B* (Biological Sciences) **269** (13 June): 20120821.
- Crossman, Josh.** 1999. "Strategic Majors." Focus on the Family *Boundless* posting (online text at www.boundless.org accessed 10/6/1999, 23 February 2003 reposting accessed 11/10/2014).
- Crossroads of Science and Faith.* 2015. "Resources." *The Crossroads of Science and Faith Astronomy* undated posting (online text at www.glimpseofhissplendor.com accessed 11/12/2015).
- Crottini, Angelica, Ole Madsen, Celine Poux, Axel Strauß, David R. Vieites, & Miguel Vences.** 2012. "Vertebrate time-tree elucidates the biogeographic pattern of a major biotic change around the K-T boundary in Madagascar." *Proceedings of the National Academy of Sciences* **109** (3 April): 5358-5363.
- Crotty, Darragh, Gary Silkstone, Soumya Poddar, Richard Ranson, Adriele Prina-Mello, Michael T. Wilson, & J. M. D. Coey.** 2012. "Reexamination of magnetic isotope and field effects on adenosine triphosphate production by creatine kinase." *Proceedings of the National Academy of Sciences* **109** (31 January): 1437-1442.
- Crouch, Paul Jr.** 2011. *First to Know* Trinity Broadcasting Network cable TV series (viewed on airing 1/7/2011).
- Crouch, Robert A., Richard B. Miller, & Lisa H. Sideris.** 2006. "Intelligent Design, Science Education, and Public Reason." Indiana University *The Poynter Center for the Study of Ethics and American Institutions* October posting (online pdf at poynter.indiana.edu accessed 1/23/2014).
- Crouse, Bill.** 2001. "It's a Postmodern World After All, Isn't It?" *RAPID RESPONSE REPORT* 1 October posting (online text at www.fni.com accessed 10/18/2002, not available as of 10/26/2014).
- Crouse, Bill, & Gordon Franz.** 2006. "Mount Cudi—True Mountain of Noah's Ark." *Bible and Spade* **19** (Fall): 99-111.

- Crouse, Gray F.** 2010. “An end for mismatch repair.” *Proceedings of the National Academy of Sciences* **107** (7 December): 20851-20852.
- Crow, Deserai Anderson, & J. Richards Stevens.** 2012. “Local Science Reporting Relies on Generalists, Not Specialists.” *Newspaper Research Journal* **33** (Summer): 35-48.
- Crow, James F.** 1997. “The high spontaneous mutation rate: a health risk?” *Proceedings of the National Academy of Sciences* **94** (5 August): 8380-8386.
- . 1999a. “The odds of losing at genetic roulette.” *Nature* **397** (28 January): 293-294.
- . 1999b. “The omnipresent process of sex.” *Journal of Evolutionary Biology* **12** (November): 1023-1025.
- . 2005a. “I. Childhood, Religion, and Family; Undergraduate Education at Friends University.” UCLA & Johns Hopkins University *Oral History of Human Genetics Project* 1-3 June interview (online text at ohhgp.pendari.com accessed 1/9/2012).
- . 2005b. “VIII. Progress in the Evolution Debate; Eugenics; Miscellaneous.” UCLA & Johns Hopkins University *Oral History of Human Genetics Project* 1-3 June interview (online text at ohhgp.pendari.com accessed 1/9/2012).
- Crow, Karen D., Chris T. Amemiya, Jutta Roth, & Günter P. Wagner.** 2009. “Hypermutability of *HoxA13a* and Functional Divergence from its Paralog are Associated with the Origin of a Novel Developmental Feature in Zebrafish and Related Taxa.” *Evolution* **63** (June): 1574-1592.
- Crow, Karen D., & Günter Wagner.** 2006. “What Is the Role of Genome Duplication in the Evolution of Complexity and Diversity?” *Molecular Biology and Evolution* **23** (May): 887-892.
- Crow, Ryan S., Karl E. Karlstrom, William McIntosh, Lisa Peters, Laura Crossey, & Athena Eyster.** 2015. “A new model for Quaternary lava dams in Grand Canyon based on $^{40}\text{Ar}/^{39}\text{Ar}$ dating, basalt geochemistry, and field mapping.” *Geosphere* **11** (October): 1305-1342.
- Crow, Ryan, Karl E. Karlstrom, William McIntosh, Lisa Peters, & Nelia Dunbar.** 2008. “History of Quaternary volcanism and lava dams in western Grand Canyon based on lidar analysis, $^{40}\text{Ar}/^{39}\text{Ar}$ dating, and field studies: Implications for flow stratigraphy, timing of volcanic events, and lava dams.” *Geosphere* **4** (February): 183-206.
- Crowdy, Terry.** 2007. *Military Misdemeanors: Corruption, incompetence, lust and downright stupidity*. Oxford, UK: Osprey Publishing.
- Crowe, Rebecca, & Lee Niswander.** 1998. “Disruption of Scale Development by *Delta-1* Misexpression.” *Developmental Biology* **195** (1 March): 70-74.
- Crowe, Sean A., Lasse N. Døssing, Nicolas J. Beukes, Michael Bau, Stephanus J. Kruger, Robert Frei, & Donald E. Canfield.** 2013. “Atmospheric oxygenation three billion years ago.” *Nature* **501** (26 September): 534-538.
- Crowe, Sean A., CarriAyne Jones, Sergei Katsev, Cédric Magan, Andrew H. O’Neill, Arnie Sturm, Donald E. Canfield, G. Douglas Haffner, Alfonso Mucci, Bjørn Sundby, & David A. Fowle.** 2008. “Photoferrotrophs thrive in an Archean Ocean analogue.” *Proceedings of the National Academy of Sciences* **105** (14 October): 15938-15943.
- Crowe, Sean A., Guillaume Paris, Sergei Katsev, CarriAyne Jones, Sang-Tae Kim, Aubrey L. Zerkle, Sulung Nomosatryo, David A. Fowle, Jess F. Adkins, Alex L. Sessions, James Farquhar, & Donald E. Canfield.** 2014. “Sulfate was a trace constituent of Archean seawater.” *Science* **346** (7 November): 735-739.
- Crowl, Adam.** 2003. “The Case Against Perloff.” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 1/7/2003).
- Crowley, Kevin, Maureen A. Callanan, Harriet R. Tenenbaum, & Elizabeth Allen.** 2001. “Parents Explain More Often to Boys Than to Girls During Shared Scientific Thinking.” *Psychological Science* **12** (May): 258-261.
- Crowley, Thomas J., G. Zielinski, B. Vinther, R. Udisti, K. Kreutz, J. Cole-Dai, & Elizabeth Allen.** 2008. “Volcanism and the Little Ice Age.” *Past Global Changes PAGES News* **16** (April): 22-23.
- Crowther, Robert.** 2005. “Scrappleface Breaks News on Dover Trial Tragedy.” *Discovery*

- Institute *Evolution News & Views* for 27 September (online text at *evolutionnews.org* accessed 9/28/2005).
- . 2006a. “Intelligent Design Group Urges California High School to Change Course or Remove Intelligent Design.” Discovery Institute *Evolution News & Views* for 11 January (online text at *evolutionnews.org* accessed 3/10/2014).
 - . 2006b. “Discovery Institute Statement to El Tejon School Board About Teaching Intelligent Design and Evolution.” Discovery Institute *Evolution News & Views* for 14 January (online text at *evolutionnews.org* accessed 3/10/2014).
 - . 2006c. “Discovery Institute Praises School District for Withdrawing Class Misrepresenting Intelligent Design.” Discovery Institute *Evolution News & Views* for 17 January (online text at *evolutionnews.org* accessed 3/10/2014).
 - . 2006d. “Reporting on South Carolina Evolution Debate is Wrongly Trying To Make the Debate About Intelligent Design.” Discovery Institute *Evolution News & Views* for 23 January (online text at *evolutionnews.org* accessed 1/3/2013).
 - . 2006e. “South Carolina Reporting on Evolution Has Hits and Misses.” Discovery Institute *Evolution News & Views* for 8 March (online text at *evolutionnews.org* accessed 1/3/2013).
 - . 2006f. “South Carolina Set to Join Four Other States Calling for Critical Analysis of Evolution.” Discovery Institute *Evolution News & Views* for 8 June (online text at *evolutionnews.org* accessed 1/3/2013).
 - . 2006g. “Q&A About South Carolina Science Standards and Critical Analysis of Evolution.” Discovery Institute *Evolution News & Views* for 9 June (online text at *evolutionnews.org* accessed 3/20/2014).
 - . 2006h. “South Carolina Praised for Requiring Students to Critically Analyze Evolutionary Theory.” Discovery Institute *Evolution News & Views* for 12 June (online text at *evolutionnews.org* accessed 1/3/2013).
 - . 2007a. “New York Times’ Cornelia Dean: Wrong on Evolution, Intelligent Design and Expelled.” Discovery Institute *Evolution News & Views* for 27 February (online text at *evolutionnews.org* accessed 3/5/2013).
 - . 2007b. “Academic Freedom Expelled from Baylor University.” Discovery Institute *Evolution News & Views* for 5 September (online text at *evolutionnews.org* accessed 7/30/2014).
 - . 2007c. “ALT _ CTRL + SCOPES = New York Times Bias.” Discovery Institute *Evolution News & Views* for 2 October (online text at *evolutionnews.org* accessed 3/5/2013).
 - . 2007d. “Secret Emails Reveal How ISU Faculty Plotted to Deny Distinguished Astronomer Tenure.” Discovery Institute *Evolution News & Views* for 3 December (online text at *evolutionnews.org* accessed 12/11/2007).
 - . 2007e. “Iowa State Scandal, Cover Up Top Local News.” Discovery Institute *Evolution News & Views* for 4 December (online text at *evolutionnews.org* accessed 12/11/2007).
 - . 2007f. “Ames Tribune Not Interested in News.” Discovery Institute *Evolution News & Views* for 6 December (online text at *evolutionnews.org* accessed 12/11/2007).
 - . 2008a. “Doubts About Darwin Stem from Science Not Religion.” Discovery Institute *Evolution News & Views* for 23 January (online text at *evolutionnews.org* accessed 1/23/2008).
 - . 2008b. “In Florida the Debate over How to Teach Evolution Is One of Science.” Discovery Institute *Evolution News & Views* for 4 February (online text at *evolutionnews.org* accessed 5/5/2008).
 - . 2008c. “Darwinist Activists at Florida Citizens for Science Think Academic Freedom Is ‘Smelly Crap’.” Discovery Institute *Evolution News & Views* for 5 March (online text at *evolutionnews.org* accessed 3/10/2008).
 - . 2008d. “Video: An Interview with Biologist Dean Kenyon.” Discovery Institute *Evolution News & Views* for 16 May (online video at *evolutionnews.org* accessed 10/25/2014).
 - . 2008e. “New York Times Gets It Wrong: Teaching Strengths and Weaknesses Is Nothing

- New.” Discovery Institute *Evolution News & Views* for 5 June (online text at *evolutionnews.org* accessed 9/17/2013).
- . 2008f. “What Part of ‘Shall Not Be Construed to Promote Any Religious Doctrine’ Does the Darwin-only Lobby Not Understand?” Discovery Institute *Evolution News & Views* for 17 June (online text at *evolutionnews.org* accessed 6/19/2008).
- . 2008g. “Advocate Newspaper Knowingly Publishes False Information About Louisiana Law Regarding Teaching of Evolution.” Discovery Institute *Evolution News & Views* for 3 July (online text at *evolutionnews.org* accessed 3/5/2013).
- . 2008h. “*Fort Worth Weekly* factually challenged when it comes to intelligent design and Darwinian evolution.” Discovery Institute *Evolution News & Views* for 2 September (online text at *evolutionnews.org* accessed 11/3/2011).
- . 2009a. “European scientists working in conjunction with Biologic Institute.” Discovery Institute *Evolution News & Views* for 7 August (online text at *evolutionnews.org* accessed 12/12/2012).
- . 2009b. “Did the Smithsonian Bully the California Science Center to Expel Intelligent Design Film?” Discovery Institute *Evolution News & Views* for 10 October (online text at *evolutionnews.org* accessed 9/20/2010).
- . 2009c. “Ouch. Intelligent Design Guys Put the Sleeperhold on Darwin’s Defenders.” Discovery Institute *Evolution News & Views* for 1 December (online text at *evolutionnews.org* accessed 12/4/2009).
- . 2010a. “Meyer Responds to Stephen Fletcher’s Attack Letter in the *Times Literary Supplement*.” Discovery Institute *Evolution News & Views* for 26 March (online text at *evolutionnews.org* accessed 3/27/2015).
- . 2010b. “Which Steve said ‘design is an excellent and irrefutable explanation’?” Discovery Institute *Evolution News & Views* for 17 May (online text at *evolutionnews.org* accessed 6/9/2010).
- . 2010c. “Did Zimmerman Argument Crash And Burn By Design Or By Chance?” Discovery Institute *Evolution News & Views* for 12 May (online text at *evolutionnews.org* accessed 10/22/2011).
- . 2010d. “Believing Life’s ‘Signature in the Cell’ an Interview with Stephen Meyer.” Discovery Institute *Evolution News & Views* 19 June posting (online text at *evolutionnews.org* accessed 5/5/2014).
- . 2011a. “Meyer Responds to Stephen Fletcher’s Attack Letter in the *Times Literary Supplement*.” Discovery Institute *Evolution News & Views* posting for 26 March (online text at *evolutionnews.org* accessed 8/20/2011).
- . 2011b. “A New Voice in the Debate Over Evolution and Intelligent Design.” Discovery Institute *Evolution News & Views* posting for 25 October (online text at *evolutionnews.org* accessed 12/21/2012).
- . 2012a. “Center for Science & Culture Announces 2012 Summer Seminars on Intelligent Design.” Discovery Institute *Evolution News & Views* for 5 January (online text at *evolutionnews.org* accessed 1/13/2012)Cruciani, Fulvio,
- . 2012b. “Discovery Institute Condemns Passage of Creationism Bill by Indiana Senate as Bad Science and Bad Education.” Discovery Institute *Evolution News & Views* for 1 February (online text at *evolutionnews.org* accessed 2/3/2012).
- . 2012c. “Republicans and Science (as Opposed to Liberals and the Science They’ve Politicized).” Discovery Institute *Evolution News & Views* for 2 February (online text at *evolutionnews.org* accessed 2/4/2012).
- . 2012d. “Trial to Begin in Intelligent Design Discrimination Lawsuit against NASA’s Jet Propulsion Lab.” Discovery Institute *Evolution News & Views* for 5 March (online text at *evolutionnews.org* accessed 3/8/2012).
- Crowther, S. A., J. A. Whitby, A. Busfield, G. Holland, H. Busemann, & J. D. Gilmour.** 2009. “Collisional modification of the acapulcoite/lodranite parent body revealed by the iodine-xenon system in lodranites.” *Meteoritics & Planetary Science* **44** (August): 1151-1159.
- Crozier, Ross H.** 2006. “Charting uncertainty about ant origins.” *Proceedings of the National*

- Academy of Sciences* **103** (28 November): 18029-18030.
- Cruciano, Fulvio, Beniamino Trombetta, Andrea Massala, Giovanni Destro-Bisol, Daniele Sellito, & Rosaria Scozzari.** 2011. "A Revised Root for the Human Y Chromosomal Phylogenetic Tree: The Origin of Patrilineal Diversity in Africa." *The American Journal of Human Genetics* **88** (19 May): 814-818.
- Crucifix, Michel.** 2016. "Earth's narrow escape from a big freeze." *Nature* **529** (14 January): 162-163.
- Crumb, R.** 2009. *The Book of Genesis Illustrated*. New York: W. W. Norton & Co.
- Crump, David.** 2008. "Natural Selection, Irreducible Complexity, and the Bacterial Flagellum: A Contrarian Approach to the Intelligent Design Debate." *Pepperdine Law Review* **36** (1): 1-57.
- Crusade Magazine.* 2005a. "Crusade Magazine Outreach Survey Results." *Crusade* (July/August): 14.
- . 2005b. "Crusade Magazine Outreach Survey Results." *Crusade* (November/December): 16.
- Cruz, Nicky.** 1973. *Satan on the Loose*. Old Tappan, NJ: Fleming H. Revell Company.
- Cryan, Jason R., & Julie M. Urban.** 2012. "Higher-level phylogeny of the insect order Hemiptera: is Auchenorrhyncha really paraphyletic?" *Systematic Entomology* **37** (January): 7-21.
- Cryan, John F., & Timothy G. Dinan.** 2012. "Mind-altering microorganisms: the impact of the gut microbiota on brain and behaviour." *Nature Reviews Neuroscience* **13** (October): 701-712.
- Cryan, Paul M., P. Marcos Gorresh, Cris D. Hein, Michael R. Schirmacher, Robert H. Diehl, Manuela M. Huso, David T. S. Hayman, Paul D. Fricker, Frank J. Bonaccorso, Douglas H. Johnson, Kevin Heist, & David C. Dalton.** 2014. "Behavior of bats at wind turbines." *Proceedings of the National Academy of Sciences* **111** (2 October): 15126-15131.
- Cryosphere Today.* 2015. "A Response to Forbes.com article." University of Illinois *The Department of Atmospheric Sciences* posting (online pdf at www.atmos.illinois.edu accessed 5/27/2017).
- Csaba, G., P. Kovács, & E. Pállinger.** 2007. "Increased hormone levels in Tetrahymena after long-lasting starvation." *Cell Biology International* **31** (September): 924-928.
- Csabai, István, & Eörs Szathmáry.** 2011. "Comment on 'A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus'." *Science* **332** (3 June): 1149.
- CSAMA. 1994. "1994 Meeting Announcements." *The Creation Science Association For Mid-America* posting (online text at www.csama.org accessed 4/8/2002).
- . 2000. "Local Events of Interest." *The Creation Science Association For Mid-America* posting (online text at www.csama.org accessed 6/5/2001).
- Csanády, László, Paola Vergani, & David C. Gadsby.** 2010. "Strict coupling between CFTR's catalytic cycle and gating of its Cl⁻ ion pore revealed by distributions of open channel burst durations." *Proceedings of the National Academy of Sciences* **107** (19 January): 1241-1246.
- Csatho, Beata M.** 2015. "A history of Greenland's ice loss." *Nature* **528** (17 December): 341-343.
- Cserepes, László, & David A. Yuen.** 1997. "Dynamical consequences of mid-mantle viscosity stratification on mantle flows with an endothermic phase transition." *Geophysical Research Letters* **24** (15 January): 181-184.
- Cserhádi, Mátyás.** 2007. "Creation aspects of conserved non-coding sequences." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **21** (2): 101-108.
- Csete, Marie E., & John C. Doyle.** 2002. "Reverse Engineering of Biological Complexity." *Science* **295** (1 March): 1664-1669.
- Csiki, Zoltán, Mátyás Vremir, Stephen L. Brusatte, & Mark A. Norell.** 2010. "An aberrant island-dwelling theropod dinosaur from the Late Cretaceous of Romania." *Proceedings of the National Academy of Sciences* **107** (31 August): 15357-15361.

- Csordas, Attila.** 2008. “The fingerprints of a mighty creator in Proteomics, impact factor >5.” *Scordas* 6 February posting (online text at *pimm.wordpress.com* accessed 2/10/2014).
- Cubillos-Ruiz, Andres, Jessie W. Berta-Thompson, Jamie W. Becker, Wilfred A. van der Donk, & Sallie W. Chisholm.** 2017. “Evolutionary radiation of lanthipeptides in marine cyanobacteria.” *Proceedings of the National Academy of Sciences* **114** (3 July): E5424-E5433.
- Čuboňová, L’ubomíra, Kathleen Sandman, Steven J. Hallam, Edward F. DeLong, & John N. Reeve.** 2005. “Histones in *Crenarchaea*.” *Journal of Bacteriology* **187** (August, No. 15): 5482-5485.
- Cudworth, Thomas.** 2011a. “Why Were So Many Darwin Defenders No-Shows at the World’s Premier Evolutionary Conference?” *Uncommon Descent* posting 9 July (online text at *www.uncommondescent.com* accessed 8/21/2011).
- . 2011b. “Why Jeff Shallit Doesn’t Attend Evolutionary Biology Conferences—And Why That’s Not the Point.” *Uncommon Descent* posting 10 July (online text at *www.uncommondescent.com* accessed 8/22/2011).
- . 2012a. “Theology at BioLogos: The Curious Case of the ‘Wesleyan Maneuver’ – Part 1.” *Uncommon Descent* posting 27 May (online text at *www.uncommondescent.com* accessed 4/28/2013).
- . 2012b. “Theology at BioLogos: The Curious Case of the Wesleyan Maneuver – Part 2A.” *Uncommon Descent* posting 27 May (online text at *www.uncommondescent.com* accessed 4/28/2013).
- . 2012c. “Theology at BioLogos: The Curious Case of the Wesleyan Maneuver – Part 2B.” *Uncommon Descent* posting 28 May (online text at *www.uncommondescent.com* accessed 4/28/2013).
- . 2012d. “Theology at BioLogos: The Curious Case of the Wesleyan Maneuver – Part 3.” *Uncommon Descent* posting 29 May (online text at *www.uncommondescent.com* accessed 4/28/2013).
- . 2012e. “Theology at BioLogos: An Invitation to Drs. Falk and Venema.” *Uncommon Descent* posting 15 June (online text at *www.uncommondescent.com* accessed 4/28/2013).
- Cuenca-Bescós, Gloria, José I. Canudo, José M. Gasca, Miguel Moreno-Azanza, & Richard L. Cifelli.** 2014. “Spalacotheriid ‘symmetrodonts’ from the Early Cretaceous of Spain.” *Journal of Vertebrate Paleontology* **34** (November): 1427-1436.
- Cuervo, Rodrigo, Rocío Hernández-Martínez, Jesús Chimal-Monroy, Horacio Merchant-Larios, & Luis Covarrubias.** 2012. “Full regeneration of the tribasal *Polypterus* fin.” *Proceedings of the National Academy of Sciences* **109** (6 March): 3838-3843.
- Cuffey, Kurt M.** 2011. “Antarctic Ice Flow Revealed.” *Science* **333** (9 September): 1386-1387.
- Cuffey, Kurt M., Gary D. Clow, Eric J. Steig, Christo Buizert, T. J. Fudge, Michelle Koutnik, Edwin D. Waddington, Richard B. Alley, & Jeffery P. Severinghaus.** 2016. “Deglacial temperature history of West Antarctica.” *Proceedings of the National Academy of Sciences* **113** (13 December): 14249-14254.
- Cui, Chang-Yi, & David Schlessinger.** 2015. “Eccrine sweat gland development and sweat secretion.” *Experimental Dermatology* **24** (September): 644-650.
- Cui, Fangshu, & Bo Yuan.** 2012. “Analysis of Morphological Evolution in a Long-term Experiment with *Escherichia coli*.” *IEEE 6th International Conference on Systems Biology* Xi’an, China (18-20 August): 211-215.
- Cui, Futong, & David Dolphin.** 1992. “Iron porphyrin catalyzed oxidation of lignin model compounds: the oxidation of veratryl alcohol and veratryl acetate.” *Canadian Journal of Chemistry* **70** (August): 2314-2318.
- . 1995. “Iron porphyrin catalyzed oxidation of lignin model compounds: oxidation of phenylpropane and phenylpropene model compounds.” *Canadian Journal of Chemistry* **73** (December): 2153-2157.
- Cui, Guohong, Sang Beom Jun, Xin Jin, Michael D. Pham, Steven S. Vogel, David M. Lovinger, & Rui M. Costa.** 2013. “Concurrent activation of striatal direct and indirect pathways during action initiation.” *Nature* **494** (14 February): 238-242.

- Cui, He.** 2014. “From Intention to Action: Hierarchical Sensorimotor Transformation in the Posterior Parietal Cortex.” *eNeuro* (online @ eneuro.org) **1** (November/December): e0017-14.
- Cui, Jie, Yi-Hsuan Pan, Yijian Zhang, Gareth Jones, & Shuyi Zhang.** 2011. “Progressive Pseudogenization: Vitamin C Synthesis and Its Loss in Bats.” *Molecular Biology and Evolution* **28** (February): 1025-1031.
- Cui, Jie, Xinqu Yuan, Lina Wang, Gareth Jones, & Shuyi Zhang.** 2011. “Recent Loss of Vitamin C Biosynthesis Ability in Bats.” *PLoS ONE* (online @ plosone.org) **6** (November): e27114.
- Cui, Jike, Temple Smith, Phillips W. Robbins, & John Samuelson.** 2009. “Darwinian selection for sites of Asn-linked glycosylation in phylogenetically disparate eukaryotes and viruses.” *Proceedings of the National Academy of Sciences* **106** (11 August): 13421-13426.
- Cui, Liying, P. Kerr Wall, James H. Leebens-Mack, Bruce G. Lindsay, Douglas E. Soltis, Jeff J. Doyle, Pamela S. Soltis, John E. Carlson, Kathiravetpilla Arumuganathan, Abdelali Barakat, Victor A. Albert, Hong Ma, & Claude W. DePamphilis.** 2006. “Widespread genome duplications throughout the history of flowering plants.” *Genome Research* **16** (June): 738-749.
- Cui, Longzhu, Hui-min Neoh, Akira Iwamoto, & Keiichi Hiramatsu.** 2012. “Coordinated phenotype switching with large-scale chromosome flip-flop inversion observed in bacteria.” *Proceedings of the National Academy of Sciences* **109** (19 June): E1647-E1656.
- Cui, Yan, Run Sheng Chen, & Wing Hung Wong.** 2000. “The coevolution of cell senescence and diploid sexual reproduction in unicellular organisms.” *Proceedings of the National Academy of Sciences* **97** (28 March): 3330-3335.
- Cui, Yan, Wing Hung Wong, Erich Bornberg-Bauer, & Hue Sun Chen.** 2002. “Recombinatoric exploration of novel folded structures: A heteropolymer-based model of protein evolutionary landscapes.” *Proceedings of the National Academy of Sciences* **99** (22 January): 809-814.
- Ćuk, Matija, Douglas P. Hamilton, Simon J. Lock, & Sarah T. Stewart.** 2016. “Tidal evolution of the Moon from a high-obliquity, high angular-momentum Earth.” *Nature* **539** (17 November): 402-406.
- Ćuk, Matija, & Sarah T. Stewart.** 2012. “Making the Moon from a Fast-Spinning Earth: A Giant Impact Followed by Resonant Despinning.” *Science* **338** (23 November): 1047-1052.
- Culberson, Joseph C.** 1998. “On the Futility of Blind Search: An Algorithmic View of ‘No Free Lunch’.” *Evolutionary Computation* **6** (2): 109-127.
- Cullen, Heidi.** 2010. *The Weather of the Future: Heat Waves, Extreme Storms, and Other Scenes from a Climate-Changed Planet.* New York: HarperCollins Publishers.
- Cullen, H. M., P. B. deMenocal, S. Hemming, G. Hemming, F. H. Brown, T. Guilderson, & F. Sirocko.** 2000. “Climate change and the collapse of the Akkadian empire: Evidence from the deep sea.” *Geology* **28** (April): 379-382.
- Cullen, Thomas M., & David C. Evans.** 2016. “Palaeoenvironmental drivers of vertebrate community composition in the Belly River Group (Campanian) of Alberta, Canada, with implications for dinosaur biogeography.” *BMC Ecology* (online @ bmcecol.biomedcentral.com) **16** (15 November): 52.
- Cullen, Thomas W., & M. Stephen Trent.** 2010. “A link between the assembly of flagella and lipooligosaccharide of the Gram-negative bacterium *Campylobacter jejuni*.” *Proceedings of the National Academy of Sciences* **107** (16 March): 5160-5165.
- Culleton, Brendan J.** 2008. “Crude demographic proxy reveals nothing about Paleoindian population.” *Proceedings of the National Academy of Sciences* **105** (16 December): E110.
- Culligan, Kevin M., Gilbert Meyer-Gauen, James Lyons-Weiler, & John B. Hays.** 2000. “Evolutionary origin, diversification and specialization of eukaryotic MutS homolog mismatch repair proteins.” *Nucleic Acids Research* **28** (15 January): 463-471.
- Cullis, C. A.** 1981. “Environmental Induction of Heritable Changes in Flax: Defined Environments Inducing Changes in rDNA and Peroxidase Isozyme Band Pattern.” *Heredity* **47** (August): 87-94.

- Cullis, C. A., B. J. Vorster, C. Van Der Vyver, & K. J. Kunert.** 2009. “Streptophyte algae and the origin of embryophytes.” *Annals of Botany* **103** (February): 625-633.
- Cully, Antoine, Jeff Clune, Danesh Tarapore, & Jean-Baptiste Mouret.** 2015. “Robots that can adapt like animals.” *Nature* **521** (28 May): 503-507.
- Culotta, Elizabeth.** 1992. “Forcing the Evolution of an RNA Enzyme in the Test Tube.” *Science* **257** (31 July): 613
- . 1999a. “A New Human Ancestor?” *Science* **284** (23 April): 572-573.
- . 1999b. “Neanderthals Were Cannibals, Bones Show.” *Science* **286** (1 October): 18-19.
- . 2005. “What Genetic Changes Made Us Uniquely Human?” *Science* **309** (1 July): 91.
- . 2007a. “The Fellowship of the Hobbit.” *Science* **317** (10 August): 740-742.
- . 2007b. “Ancient DNA Reveals Neandertals With Red Hair, Fair Complexions.” *Science* **318** (26 October): 546-547.
- . 2009a. “Did Humans Learn From Hobbits?” *Science* **324** (24 April): 447.
- . 2009b. “On the Origin of Religion.” *Science* **326** (6 November): 784-787.
- . 2010. “Did Modern Humans Get Smart Or Just Get Together?” *Science* **328** (9 April): 164.
- . 2012. “Roots of Racism.” *Science* **336** (18 May): 825-827.
- . 2013a. “Latest Skirmish Over Ancestral Violence Strikes Blow for Peace.” *Science* **341** (19 July): 224.
- . 2013b. “Brain Simulation Sparks ‘Machiavellian’ Choices.” *Science* **342** (4 October): 25.
- . 2015. “New life for old bones.” *Science* **349** (24 July): 358-361.
- . 2016. “Likely hobbit ancestors lived 600,000 years earlier.” *Science* **352** (10 June): 1260-1261.
- Culotta, Elizabeth, & Ann Gibbons.** 2016. “Aborigines and Eurasians rode one migration wave.” *Science* **353** (23 September): 1352-1353.
- Culotta, Elizabeth, & Brooks Hanson.** 2004. “First Words.” *Science* **303** (27 February): 1315.
- Culver, Billy W., & Philip K. Morton.** 2015. “The Evolutionary History of Daphniid α -Carbonic Anhydrase within Animalia.” *International Journal of Evolutionary Biology* (online @ ncbi.nlm.nih.gov) **2015**: 538918.
- Cumberworth, Alexander, Guillaume Lamour, M. Madan Babu, & Jörg Gsponer.** 2013. “Promiscuity as a functional trait: intrinsically disordered regions as central players of the interactomes.” *Biochemical Journal* **454** (15 September): 361-369.
- Cumming, G. L.** 1969. “A recalculation of the age of the solar system.” *Canadian Journal of Earth Sciences* **6** (August): 719-735.
- Cumming, Kenneth B.** 1991. “On the Changing Definition of the Term ‘Species’.” Institute for Creation Research *Acts & Facts* (January) posting (online text at *icr.org* accessed 1/24/2014).
- . 1997. “Reticulate evolution.” Institute for Creation Research *Acts & Facts* (July) posting (online text at *icr.org* accessed 7/10/2008).
- . 2001. “911 Rang Again – A Review of the PBS Video Series ‘Evolution’.” *Institute for Creation Research* article posting (online text at *icr.org* accessed 10/23/2001).
- Cummings, A. C., E. C. Stone, B. C. Heikkila, N. Lal, W. R. Webber, G. Jóhannesson, I. V. Moskalenko, E. Orlando, & T. A. Porter.** 2016. “Galactic Cosmic Rays in the Local Interstellar Medium: *Voyager 1* Observations and Model Results.” *The Astrophysical Journal* **831** (1 November): 18.
- Cummings, Frederick W.** 2006. “On the origin of pattern and form in early Metazoans.” *International Journal of Developmental Biology* **50** (2/3): 193-208.
- Cummings, Michael P., Sarah P. Otto, & John Wakeley.** 1999. “Genes and Other Samples of DNA Sequence Data for Phylogenetic Inference.” *The Biological Bulletin* **196** (June): 345-350.
- Cummings, Richard D.** 2014. “If it is methylated it must be Tectonic.” *Proceedings of the National Academy of Sciences* **111** (8 July): 9669-9670.
- Cummins, Catherine L., Sherry S. Demastes, & Mark S. Hafner.** 1994. “Evolution: Biological Education’s Under-Researched Unifying Theme.” *Journal of Research in*

- Science Teaching* **31** (May): 445-448.
- Cummins, Dan.** 2016. "What CNN and Fox Won't Tell You About the Move of God." *Charisma News* 18 August posting (online text at www.charismanews.com accessed 8/18/2016).
- Cummins, Robert Hays.** 1994. "Taphonomic processes in modern freshwater molluscan death assemblages: Implications for the freshwater fossil record." *Palaeogeography, Palaeoclimatology, Palaeoecology* **108** (March): 55-73.
- Cunha, Ana, Ricardo B. R. Azevedo, Scott W. Emmons, & Armand M. Leroi.** 1999. "Variable cell number in nematodes." *Nature* **402** (18 November): 253.
- Cunningham, Deborah L.** 1999. "Creationist Tornado Rips Evolution out of Kansas Science Standards." *Reports of the National Center for Science Education* **19** (July-August): 10-15.
- Cunningham, Deborah L., & Daniel J. Wescott.** 2009. "Still More 'Fancy' and 'Myth' than 'Fact' in Students' Conceptions of Evolution." *Evolution: Education & Outreach* **2** (September): 505-517.
- Cunningham, J. A., Martin Rücklin, Henning Blom, Hector Botella, & Philip C. J. Donoghue.** 2012. "Testing models of dental development in the earliest bony vertebrates, *Andreolepis* and *Lophosteus*." *Royal Society Biology Letters* **8** (October): 833-837.
- Cunningham, John A., Ceri-Wyn Thomas, Stefan Bengtson, Stuart L. Kearns, Shuhai Xiao, Federica Marone, Marco Stampanoni, & Philip C. J. Donoghue.** 2012. "Distinguishing geology from biology in the Ediacaran Doushantuo biota relaxes constraints on the timing of the origin of bilaterians." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 June): 2369-2376.
- Cunningham, J. A., C.-W. Thomas, S. Bengtson, F. Marone, M. Stampanoni, F. R. Turner, J. V. Bailey, R. A. Raff, E. C. Raff, & P. C. J. Donoghue.** 2012. "Experimental taphonomy of giant sulphur bacteria: implications for the interpretation of the embryo-like Ediacaran Doushantuo fossils." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 May): 1857-1864.
- Cunningham, Jason.** 2010. "Evolutionists deny the obvious." *Los Angeles creationism* posting 20 February (online text at www.examiner.com accessed 5/6/2011).
- Cunnington, R., C. Windischberger, L. Deecke, & E. Moser.** 2002. "The Preparation and Execution of Self-Initiated and Externally-Triggered Movement: A Study of Event-Related fMRI." *NeuroImage* **15** (February): 373-385.
- Cuozzo, Frank P., Emilienna Rasoazanabary, Laurie R. Godfrey, Michelle L. Sauther, Ibrahim Antho Youssouf, & Marni M. LaFleur.** 2013. "Biological variation in a large sample of mouse lemurs from Amboasary, Madagascar: Implications for interpreting variation in primate biology and paleobiology." *Journal of Human Evolution* **64** (January): 1-20.
- Cuozzo, Jack.** 1998. *Buried Alive: The Startling Truth about Neanderthal Man*. Green Forest, AR: Master Books.
- . 2001a. "New remains from Swanscombe discovered by Dr. Jack Cuozzo." Undated posting (online text at jackcuozzo.angelfire.com accessed 6/8/2011).
- . 2001b. "Swanscombe Page 2: Response to the find." Undated posting (online text at jackcuozzo.angelfire.com accessed 6/8/2011).
- . 2001c. "Swanscombe Page 3: Dr. Cuozzo responds." Undated posting (online text at jackcuozzo.angelfire.com accessed 6/2/2011).
- . 2001d. "Swanscombe Page 4: Comments from Chris Stringer." 27 June posting (online text at jackcuozzo.angelfire.com accessed 6/8/2011).
- . 2001e. "Page 5: Further evidence that the new Swanscombe material is bone." Posting last updated 16 November (online text at jackcuozzo.angelfire.com accessed 6/8/2011).
- . 2002. "Neanderthals and Dinosaurs at Bernifal cave." Undated posting (online text at www.angelfire.com accessed 4/19/2002).
- Cupello, Camila, Paulo M. Brito, Marc Herbin, François J. Meunier, Philippe Janvier, Hugo Dutel, & Gaël Clément.** 2015. "Allometric growth in the extent coelacanth lung during ontogenetic development." *Nature Communications* (online @ nature.com) **6** (15

- September): 8222.
- Cupps, Vernon R.** 2014a. “Proton Problems: Faith in Theories or Reality?” Institute for Creation Research *Acts & Facts* (April): 9.
- . 2014b. “Order Points to a Recent Creation.” Institute for Creation Research *Acts & Facts* (June): 16-17.
- . 2014c. “Is Every Fossil in its (Evolutionary) Place?” Institute for Creation Research *Acts & Facts* (June): 21.
- . 2014d. “Hijacking the Scientific Method.” Institute for Creation Research *Acts & Facts* (August): 13-15.
- . 2015. “No Bones About It! There’s No Evidence Humans Evolved.” Institute for Creation Research *Acts & Facts* (August): 14.
- . 2016. “Earth’s Young Magnetic Field.” Institute for Creation Research *Acts & Facts* (February): 9-11.
- Cupps, Vernon R., & Brian Thomas.** 2014. “Zircon: Earth’s Oldest Crystal?” *Institute for Creation Research* posting 28 March (online text at www.icr.org accessed 5/11/2015).
- Curcio, Christine A., & Kimberly A. Allen.** 1990. “Topography of ganglion cells in human retina.” *The Journal of Comparative Neurology* **300** (1 October): 5-25.
- Curet, Oscar M., Sharon M. Swartz, & Kenneth S. Breuer.** 2013. “An aeroelastic instability provides a possible basis for the transition from gliding to flapping flight.” *Journal of the Royal Society Interface* **10** (March): 20120940.
- Curfman, Gregory D., Brendan S. Abel, & Renée M. Landers.** 2012. “Supreme Court Review of the Health Care Reform Law.” *The New England Journal of Medicine* (29 February) posting (online text at www.nejm.org accessed 3/2/2012).
- Curnoe, Darren.** 2003. “Problems with the use of cladistic analysis in palaeoanthropology.” *HOMO—Journal of Comparative Human Biology* **53** (3): 225-234.
- Curnow, Alan W., Debra L. Tumbula, Joanne T. Pelaschier, Bokkee Min, & Dieter Söll.** 1998. “Glutamyl-tRNA^{Gln} amidotransferase in *Deinococcus radiodurans* may be confined to asparagine biosynthesis.” *Proceedings of the National Academy of Sciences* **95** (27 October): 12838-12843.
- Curran, Edward Lodge.** 1940. “WAR—A Moral Analysis.” *Origins* posting of *International Catholic Truth Society* 2008 reprint (online pdf at www.alcazar.net accessed 6/15/2011).
- Curran, Mark A. J., Tas D. van Ommen, & Vin Morgan.** 1998. “Seasonal characteristics of the major ions in the high-accumulation Dome Summit South ice core, Law Dome, Antarctica.” *Annals of Glaciology* **27**: 385-390.
- Currat, Mathias, & Laurent Excoffier.** 2011. “Strong reproductive isolation between humans and Neanderthals inferred from observed patterns of introgression.” *Proceedings of the National Academy of Sciences* **108** (13 September): 15129-15134.
- Currey, John D.** 2005. “Hierarchies in Biomineral Structures.” *Science* **309** (8 July): 253-254.
- Currie, Pete.** 2004. “Muscling in on hominid evolution.” *Nature* **428** (25 March): 373-374.
- Currie, Philip J.** 1998. “Possible evidence of gregarious behavior in tyrannosaurids.” *Gaia* **15** (December): 271-277.
- Currie, Philip J., Jørn H. Hurum, & Karol Sabath.** 2003. “Skull structure and evolution in tyrannosaurid dinosaurs.” *Acta Palaeontologica Polonica* **48** (2): 227-234.
- Currie, Philip J., & Kevin Padian,** eds. 1997. *Encyclopedia of Dinosaurs*. San Diego, CA: Academic Press.
- Currie, Thomas E., & Ruth Mace.** 2009. “Political complexity predicts the spread of ethnolinguistic groups.” *Proceedings of the National Academy of Sciences* **106** (5 May): 7339-7344.
- Curry, Andrew.** 2008. “Seeking the Roots of Ritual.” *Science* **319** (18 January): 278-280
- . 2009a. “Creationist Beliefs Persist in Europe.” *Science* **323** (27 February): 1159
- . 2009b. “Deadly Flights.” *Science* **325** (24 July): 386-387.
- . 2012. “Coming to America.” *Nature* **485** (3 May): 30-32.
- . 2013. “The milk revolution.” *Nature* **500** (1 August): 20-22.
- Curry, K. A., & J. A. Wilson,** eds. 2005. *The Sauropods: Evolution and Paleobiology*.

- Berkeley, CA: University of California Press.
- Curry, Oliver Scott.** 2008. "Selfish-gene theory," in Benton (2008a, 113-115).
- . 2014. "The relationship between Islam and female genital mutilation." *Why Evolution Is True* guest posting 18 October (online text at whyevolutionistrue.wordpress.com accessed 10/18/2014).
- Cursiefen, Claus, Lu Chen, Megali Saint-Geniez, Pedram Hamrah, Yiping Jin, Saadia Rashid, Bronislaw Pytowski, Kris Persaud, Yan Wu, J. Wayne Streilein, & Reza Dana.** 2006. "Nonvascular VEGF receptor 3 expression by corneal epithelium maintains avascularity and vision." *Proceedings of the National Academy of Sciences* **103** (25 July): 11405-11410.
- Cursino, Marina Suzuki, Mauricio Barbosa Salviano, Vanessa Veltrini Abril, Eveline dos Santos Zanetti, & José Maurício Barbanti Duarte.** 2014. "The role of chromosome variation in the speciation of the red brocket deer complex: the study of reproductive isolation in females." *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (4 March): 40.
- Curtis, Bruce A., Goro Tanifuji, Fabien Burki, Ansgar Gruber, Manuel Irimia, Shinichiro Maruyama, Maria C. Arias, Steven G. Ball, Gillian H. Gile, Yoshihisa Hirakawa, Julia F. Hopkins, Alan Kuo, Stefan A. Rensing, Jeremy Schmutz, Aikaterini Symeonidi, Marek Elias, Robert J. M. Eveleigh, Emily K. Herman, Mary J. Klute, Takuro Nakayama, Miroslav Obornik, Adrian Reyes-Prieto, E. Virginia Armbrust, Stephen J. Aves, Robert G. Beiko, Pedro Coutinho, Joel B. Dacks, Dion G. Durnford, Naomi M. Fast, Beverley R. Green, Cameron J. Gridale, Franziska Hempel, Bernard Henrissat, Marc P. Höppner, Ken-Ichiro Ishida, Eunsoo Kim, Luděk Kořený, Peter G. Kroth, Yuan Liu, Shehre-Banoo Malik, Uwe G. Maier, Darcy McRose, Thomas Mock, Jonathan A. D. Neilson, Naoko T. Onodera, Anthony M. Poole, Ellen J. Pritham, Thomas A. Richards, Gabrielle Rocap, Scott W. Roy, Chihiro Sarai, Sarah Schaack, Claudio H. Slamovits, David F. Spencer, Shigekatsu Suzuki, Alexandra Z. Worden, Stefan Zauner, Kerrie Barry, Callum Bell, Arvind K. Bharti, John A. Crow, Jane Grimwood, Robin Kramer, Erika Lindquist, Susan Lucas, Asaf Salamov, Geoffrey I. McFadden, Christopher E. Lane, Patrick J. Keeling, Michael W. Gray, Igor V. Grigoriev, & John M. Archibald.** 2012. "Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs." *Nature* **492** (6 December): 59-65.
- Curtis, Carl, & Deborah Huff.** 1986. "Today's Music: From Whence Did It Rock, and Where Will It Roll?" *Fundamentalist Journal* **5** (February): 17.
- Curtis, J. D.** 2011. "The Fairy Tale of the Walking Whale." *Trees For Lunch* 20 October posting (online text at treesforlunch.blogspot.com accessed 7/12/2012).
- Curtis, J. Thomas, & Zuoxin Wang.** 2005. "Ventral tegmental area involvement in pair bonding in male prairie voles." *Physiology & Behavior* **86** (15 October): 338-346.
- Curtis, Thomas P., Ian M. Head, Mary Lunn, Stephen Woodcock, Patrick D. Schloss, & William T. Sloan.** 2006. "What is the extent of prokaryotic diversity?" *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (November): 2023-2037.
- Curtis, Thomas P., William T. Sloan, & Jack W. Scannell.** 2002. "Estimating prokaryotic diversity and its limits." *Proceedings of the National Academy of Sciences* **99** (6 August): 10494-10499.
- Curtiss, Charles.** 2015. "Why Do I Not Believe In Evolution? It Requires Faith And My Faith Is In God!" *Facebook* page 6 June posting (online text at www.facebook.com/ accessed 6/6/2015).
- Cushman, Candi.** 2001. "Heresy trials." *World Magazine* posting 18 August (online text at www.worldmag.com accessed 10/31/2001).
- . 2009. "Intelligent Design Belongs With Darwin in Classrooms; Political Correctness Does Not." *US News and World Report News Opinion* posting 10 February (online text at usnews.com accessed 4/6/2014).
- Cushman, Fiery, & Joshua D. Greene.** 2012a. "Finding faults: How moral dilemmas illuminate cognitive structure." *Social Neuroscience* **7** (3): 269-279.

- . 2012b. “The Philosopher in the Theater,” in Mikulincer & Shaver (2012, 33-50).
- Cushman, Fiery, Dylan Murray, Shauna Gordon-McKeon, Sophie Wharton, & Joshua D. Greene.** 2012. “Judgment before principle: engagement of the frontoparietal control network in condemning harms of omission.” *Social Cognitive & Affective Neuroscience* 7 (November): 888-895.
- Cuskin, Fiona, James E. Flint, Tracey M. Gloster, Carl Morland, Arnaud Baslé, Bernard Henrissat, Pedro M. Coutinho, Andrea Strazzulli, Alexandra S. Solovyova, Gideon J. Davies, & Harry J. Gilbert.** 2012. “How nature can exploit nonspecific catalytic and carbohydrate binding modules to create enzymatic specificity.” *Proceedings of the National Academy of Sciences* 109 (18 December): 20889-20894.
- Custance, Arthur C.** 1975. *Genesis and Early Man*. Grand Rapids, MI: Zondervan Publishing House.
- Custers, Ruud, & Henk Aarts.** 2010. “The Unconscious Will: How the Pursuit of Goals Operates Outside of Conscious Awareness.” *Science* 329 (2 July): 47-50.
- Cuthill, Innes C., William L. Allen, Kevin Arbuckle, Barbara Caspers, George Chaplin, Mark E. Hauber, Geoffrey E. Hill, Nina G. Jablonski, Chris D. Jiggins, Almut Kelber, Johanna Mappes, Justin Marshall, Richard Merrill, Daniel Osorio, Richard Prum, Nicholas W. Roberts, Alexandre Roulin, Hannah M. Rowland, Thomas N. Sherratt, John Skelhorn, Michael P. Speed, Martin Stevens, Mary Caswell Stoddard, Devi Stuart-Fox, Laszlo Talas, Elizabeth Tibbetts, & Tim Caro.** 2017. “The biology of color.” *Science* 357 (4 August): eaan0221 (online at sciencemag.org).
- Cuthill, Jennifer F. Hoyal, Simon J. Braddy, & Philip C. J. Donoghue.** 2010. “A formula for maximum possible steps in multistate characters: isolating matrix parameter effects on measures of evolutionary convergence.” *Cladistics* 26 (February): 98-102.
- Cutler, Alan H.** 2009. “Nicolaus Steno and the problem of deep time.” *The Geological Society of America Memoirs* 203: 143-148.
- Cutter, Asher D.** 2008. “Divergence Times in *Caenorhabditis* and *Drosophila* Inferred from Direct Estimates of the Neutral Mutation Rate.” *Molecular Biology and Evolution* 25 (April): 778-786.
- Cutting, Fred.** 2008a. “Minority Report Florida Science Standards.” *Texas Citizens for Science* 24 May updated posting of blogs.tampabay.com/schools/files/minority_report.doc text (online text at texscience.org accessed 4/6/2014).
- . 2008b. “Teach critiques of Darwin, too.” *Texas Citizens for Science* 24 May updated posting of 4 February *Tallahassee Democrat* editorial (online text at texscience.org accessed 4/6/2014).
- Cuzzi, J. N., J. A. Burns, S. Charnoz, R. N. Clark, J. E. Colwell, L. Dones, L. W. Esposito, G. Filacchione, R. G. French, M. M. Hedman, S. Kempf, E. A. Marouf, C. D. Murray, P. D. Nicholson, C. C. Porco, J. Schmidt, M. R. Showalter, L. J. Spilker, J. N. Spitale, R. Srama, M. Sremčević, M. S. Tiscareno, & J. Weiss.** 2010. “An Evolving View of Saturn’s Dynamic Rings.” *Science* 327 (19 March): 1470-1475.
- Cvekl, Aleš, & Ruth Ashery-Padan.** 2014. “The cellular and molecular mechanisms of vertebrate lens development.” *Development (AKA Journal of Embryology and Experimental Morphology)* 141 (December): 4432-4447.
- Cvekl, A., & K. P. Mitton.** 2010. “Epigenetic regulatory mechanisms in vertebrate eye development and disease.” *Heredity* 105 (July): 135-151.
- Cvijovic, Icana, Benjamin H. Good, Elizabeth R. Jerison, & Michael M. Desar.** 2015. “Fate of a mutation in a fluctuating environment.” *Proceedings of the National Academy of Sciences* 112 (8 September): E5021-E5028.
- Cyranoski, David.** 2012a. “The mind reader.” *Nature* 486 (14 June): 178-180.
- . 2012b. “Stem-cell transplant claims debunked.” *Nature* (12 October) posting (online text at nature.com accessed 10/15/2012).
- . 2013. “Stem cells in Texas: Cowboy culture.” *Nature* 494 (14 February): 166-168.
- Cyrklaff, Marek, Cecilia P. Sanchez, Nicole Kilian, Cyrille Bisseye, Jacques Simpore, Friedrich Frischknecht, & Michael Lanzer.** 2011. “Hemoglobins S and C Interfere with

- Actin Remodeling in *Plasmodium falciparum*-infected Erythrocytes.” *Science* **334** (2 December): 1283-1286.
- Cysouw, Michael, Dan Dediu, & Steven Moran.** 2012. “Comment on ‘Phenomic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa’.” *Science* **335** (10 February): 657.
- Czaja, Andrew D., Anatoliy B. Kudryaavtsev, George D. Cody, & J. William Schopf.** 2009. “Characterization of permineralized kerogen from an Eocene fossil fern” *Organic Geochemistry* **40** (March): 353-364.
- Czapkay, Michael L.** 1993. “Are Baptist Rational?” *The Trinity Review* (January-February-March): 1-14.
- Czech, Benjamin, Colin D. Malone, Rui Zhou, Alexander Stark, Catherine Schlingeheyde, Monica Dus, Norbert Perrimon, Manolis Kellis, James A. Wohlschlegel, Ravi Sachidanandam, Gregory J. Hannon, & Juliua Brennecke.** 2008. “An endogenous small interfering RNA pathway in *Drosophila*.” *Nature* **453** (5 June): 798-802.
- Czechowski, Leszek.** 2014. “Some remarks on the early evolution of Enceladus.” *Planetary and Space Science* **104** (December): 185-199.
- Czerkas, Sylvia J., & Stephen A. Czerkas.** 1991. *Dinosaurs: A Global View*. New York: Mallard Press.
- Czerkas, Stephen A., & Alan Feduccia.** 2014. “Jurassic archosaur is a non-dinosaurian bird.” *Journal of Ornithology* **155** (October): 841-851.
- Czerkas, Stephen A., & Chongxi Yuan.** 2002. “An arboreal maniraptoran from northeast China.” Dinosaur Museum (Blanding, Utah) *The Dinosaur Museum Journal* **1**: 63-95.
- Cziko, Paul A., Arthur L. DeVries, Clive W. Evans, & Chi-Hing Christine Cheng,.** 2014. “Antifreeze protein-induced superheating of ice inside Antarctic notothenioid fishes inhibits melting during summer warming.” *Proceedings of the National Academy of Sciences* **111** (7 October): 14583-14588.

- Dabney, Robert L.** 1867. *Defence of Virginia, [and Through Her, of the South,] in Recent and Pending Contests Against the Sectional Party*. 2009 reprint. Colorado Springs, CO: Portage Publications.
- Dabney, Virginus.** 1926. "Virginia." *The American Mercury* **8** (November): 349-356.
- D'Abrera, Bernard.** 2011. "Mimicry and Protective Resemblance: A Philosophical Appreciation," in Klinghoffer (2011t, 40-48).
- Dabrowski-Tumanski, Pawel, & Joanna I. Sulkowska.** 2017. "Topological knots and links in proteins." *Proceedings of the National Academy of Sciences* **114** (28 March): 3415-3420.
- Dace, Ted.** 2011a. "The False Dilemma between Neo-Darwinism and Intelligent Design." *Skeptical Investigations* undated posting (online text at www.skepticalinvestigations.org accessed 8/23/2011).
- . 2011b. "The Mind of Michael Shermer." *Skeptical Investigations* undated posting (online text at www.skepticalinvestigations.org accessed 8/23/2011).
- Dacey, Austin.** 2008. *The Secular Conscience: Why Belief Belongs in Public Life*. Amherst, NY: Prometheus Books.
- . 2011a. "There is No Religious Freedom: A Lesson from a 'Pastafarian' Stunt." *Religion Dispatches* 27 July posting (online text at religiondispatches.org accessed 7/30/2011).
- . 2011b. "United Nations Affirms the Human Right to Blaspheme." *Religion Dispatches* 11 August posting (online text at religiondispatches.org accessed 8/14/2011).
- . 2012a. "'Religious Freedom' for Atheists." *Religion Dispatches* 24 May posting (online text at religiondispatches.org accessed 5/29/2012).
- . 2012b. "New Reports Reveal Global Persecution of Nonbelievers." *Religion Dispatches* 20 December posting (online text at religiondispatches.org accessed 12/24/2012).
- . 2013a. "Why is the State Department Opening an Office of 'Religious Engagement'?" *Religion Dispatches* 7 August posting (online text at religiondispatches.org accessed 9/9/2013).
- . 2013b. "Bangladesh's Atheist Blogger Still Wants to Talk." *Religion Dispatches* 27 August posting (online text at religiondispatches.org accessed 10/1/2013).
- . 2014a. "Does Secularism Have a Role in Egyptian Struggle?" *Religion Dispatches* 13 May posting (online text at religiondispatches.org accessed 5/16/2014).
- . 2014b. "At the UN, Conservative Christian Agenda Cloaked in Human Rights Language." *Religion Dispatches* 23 September posting (online text at religiondispatches.org accessed 9/24/2014).
- . 2015. "Religious Freedom Is Impossible... Compared To What?" *Religion Dispatches* 2 March posting (online text at religiondispatches.org accessed 3/3/2015).
- Dachi, Stephen F., & Francis V. Howell.** 1961. "A survey of 3,874 routine full-mouth radiographs: II. A study of impacted teeth." *Oral Surgery, Oral Medicine, Oral Pathology* **14** (October): 1165-1169.
- Dack, Rick.** 2002. "Bible Skeptics and God Haters." *Jesus is Savior* posting (online text at www.jesus-is-savior.com accessed 6/24/2013).
- Dacks, Joel B., & Mark C. Field.** 2007. "Evolution of the eukaryotic membrane-trafficking system: origin, tempo and mode." *Journal of Cell Science* **120** (1 September): 2977-2985.
- Dacks, Joel B., Pak P. Poon, & Mark C. Field.** 2008. "Phylogeny of endocytic components yields insight into the process of nonendosymbiotic organelle evolution." *Proceedings of the National Academy of Sciences* **105** (15 January): 588-593.
- Daegling, David J., Stefan Judex, Engin Ozcivici, Matthew J. Ravosa, Andrea B. Taylor, Frederick E. Grine, Mark F. Teaford, & Peter S. Ungar.** 2013. "Viewpoints: Feeding Mechanics, Diet, and Dietary Adaptations in Early Hominins." *American Journal of Physical Anthropology* **151** (July): 356-371.
- Daëron, Mathieu, Yann Klinger, Paul Tapponnier, Ata Elias, Eric Jacques, & Alexandre Sursock.** 2007. "12,000-Year-Long Record of 10 to 13 Paleoearthquakes on the Yammouneh Fault, Levant Fault System, Lebanon." *Bulletin of the Seismological Society of America* **97** (June): 749-771.
- Daeschler, Edward B., & Neil Shubin.** 1998. "Fish with fingers?" *Nature* **391** (8 January): 133.

- Daeschler, Edward B., Neil H. Shubin, & Farish A. Jenkins Jr.** 2006. "A Devonian tetrapod-like fish and the evolution of the tetrapod body plan." *Nature* **440** (6 April): 757-763.
- Dagan, Tal, Yael Artzy-Randrup, & William Martin.** 2008. "Modular networks and cumulative impact of lateral transfer in prokaryotic genome evolution." *Proceedings of the National Academy of Sciences* **105** (22 July): 10039-10044.
- Dagan, Tal, & William Martin.** 2006. "The tree of one percent." *Genome Biology* (online @ genomebiology.com) **7** (1 November): 118.
- . 2009a. "Seeing Green and Red in Diatom Genomes." *Science* **324** (26 June): 1651-1652.
- . 2009b. "Getting a better picture of microbial evolution en route to a network of genomes." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2187-2196.
- Dagan, Tal, Mayo Roettger, David Bryant, & William Martin.** 2010. "Genome Networks Root the Tree of Life between Prokaryotic Domains." *Genome Biology and Evolution* **2** (30 July): 379-392.
- Dagan, Tal, Mayo Roettger, Karina Stucken, Giddy Landan, Robin Koch, Peter Major, Sven B. Gould, Vadim V. Goremykin, Rosmarie Rippka, Nicole Tandeau de Marsac, Muriel Gugger, Peter J. Lockhart, John F. Allen, Iris Brune, Irena Maus, Alfred Pühler, & William F. Martin.** 2013. "Genomes of Stigonematalean Cyanobacteria (Subsection V) and the Evolution of Oxygenic Photosynthesis from Prokaryotes to Plastids." *Genome Biology and Evolution* **5** (1): 31-44.
- Dagg, Joachim L.** 2011. "Exploring Mouse Trap History." *Evolution: Education & Outreach* **4** (September): 397-414.
- D'Agostino, Joseph A.** 2005. "Population Research Institute: Exposing Global Underpopulation." *Crusade* (November/December): 18-20.
- D'Agostino, Michelangelo.** 2006. "In the matter of Berkeley v. Berkeley." *Berkeley Science Review* (Spring): 31-35.
- Dahl, Tais W., Emma U. Hammarlund, Ariel D. Anbar, David P. G. Bond, Benjamin C. Gill, Gwyneth W. Gordon, Andrew H. Knoll, Arne T. Nielsen, Niels H. Schovsbo, & Donald E. Canfield.** 2010. "Devonian rise in atmospheric oxygen correlated to the radiations of terrestrial plants and large predatory fish." *Proceedings of the National Academy of Sciences* **107** (19 October): 17911-17915.
- Dahlberg, Albert E.** 2001. "The Ribosome in Action." *Science* **292** (4 May): 868-869.
- Dahm, Raif.** 2010. "A slip in the date of DNA's discovery." *Nature* **468** (16 December): 897.
- Dahn, Randall D., & John F. Fallon.** 2000. "Interdigital Regulation of Digit Identity and Homeotic Transformation by Modulated BMP Signaling." *Science* **289** (21 July): 438-441.
- Dai, Fei, Eviator Nevo, Dezhi Wu, Jordi Comadran, Meixue Zhou, Long Qiu, Zhonghua Chen, Avigdor Beiles, Guoxiong Chen, & Guoping Zhang.** 2012. "Tibet is one of the centers of domestication of cultivated barley." *Proceedings of the National Academy of Sciences* **109** (16 October): 16969-16973.
- Dai, Hongzheng, Ying Chen, Sidi Chen, Qiyan Mao, David Kennedy, Patrick Landback, Adam Eyre-Walker, Wei Du, & Manyuan Long.** 2008. "The evolution of courtship behaviors through the origination of a new gene in *Drosophila*." *Proceedings of the National Academy of Sciences* **105** (27 May): 7478-7483.
- Dai, Jianxing, Lei Zhao, Haiou Yang, Huaizu Guo, Kexing Fan, Huaqing Wang, Weizhu Qian, Dapeng Zhang, Bohua Li, Hao Wang, & Yajun Guo.** 2011. "Identification of a Novel Functional Domain of Ricin Responsible for Its Potent Toxicity." *The Journal of Biological Chemistry* **286** (8 April): 12166-12171.
- Dai, Jiapei, Zhuo Wang, Zehua Li, & Fangyan Xiao.** 2016. "Reply to Salari et al.: Toward understanding the deep mechanisms regarding the biophotons related to human intelligence." *Proceedings of the National Academy of Sciences* **113** (20 September): E5542-E5543.
- Dai, Lei, Daan Vorselen, Kirill S. Korolev, & Jeff Gore.** 2012. "Generic Indicators for Loss of Resilience Before a Tipping Point Leading to Population Collapse." *Science* **336** (1 June): 1175-1177.

- Dai, Mengyao, Yao Wang, Lu Fang, David M. Irwin, Tengteng Zhu, Junpeng Zhang, Shuyi Zhang, & Zhe Wang.** 2014. “Differential Expression of *Meis2*, *Mab2112* and *Tbx3* during Limb Development Associated with Diversification of Limb Morphology in Mammals.” *PLoS ONE* (online @ plosone.org) **9** (August): e106100.
- Dai, MingHua, Julie Bull Rogers, Joseph R. Warner, & Shelley D. Copley.** 2003. “A Previously Unrecognized Step in Pentachlorophenol Degradation in *Sphingobium chlorophenolicum* Is Catalyzed by Tetrachlorobenzoquinone Reductase (PcpD).” *Journal of Bacteriology* **185** (January, No. 1): 302-310.
- Dai, Xiachang, Alain De Mesmaeker, & Gerald F. Joyce.** 1995. “Cleavage of an Amide Bond by a Ribozyme.” *Science* **267** (13 January): 237-240.
- Daily, H.** 2010a. “Accuracy in Genesis.” *Accuracy in Genesis* April posting (online pdf at www.accuracyingenesis.com accessed 9/7/2013).
- . 2010b. “Bible Dragons!” *Accuracy in Genesis* undated posting (online text at www.accuracyingenesis.com accessed 9/7/2013).
- Daily Beast.* 2016. “Creationist Lawmaker Says Noah’s Ark Was Found, Rocks Prove God Created Earth.” *The Daily Beast* 1 April (online text at www.thedailybeast.com accessed 4/1/2016).
- Daily Kos.* 2005. “Paul Mirecki.” *Daily Kos* December postings (online text at www.dailykos.com accessed 12/12/2005).
- . 2009. “I Went to High School with Ann Coulter.” *Daily Kos* 14 March posting by **bluainsight** (online text at www.dailykos.com accessed 5/21/2016).
- . 2016. “Georgia Senator prays for Obama’s death – in public.” *Daily Kos* 10 June posting by **It’s the Supreme Court Stupid** (online text at www.dailykos.com accessed 6/13/2016).
- Daily Mail.* 2014. “Freedom at last? Judge rules Justina Pelletier held for almost a YEAR in Boston hospital against her parents wishes should be moved to another clinic.” *Daily Mail Mail Online* posting 11 January: online text accessed 5/22/2014 (dailymail.co.uk).
- Daily Record.* 2013. “Parents’ outrage as extremist US religious sect hand out creationist books and preach to kids at Scottish school.” *Daily Record* (Scotland) posting 6 September: online text accessed 8/4/2016 (www.dailyrecord.co.uk).
- Daines, Stuart J., Benjamin J. W. Mills, & Timothy M. Lenton.** 2017. “Atmospheric oxygen regulation at low Proterozoic levels by incomplete oxidative weathering of sedimentary organic carbon.” *Nature Communications* (online @ nature.com) **8** (2 February): 14379.
- Daish, Tasman J., Aaron E. Casey, & Frank Grutzner.** 2015. “Lack of sex chromosome specific meiotic silencing in platypus reveals origin of MSCI in therian mammals.” *BMC Biology* (online @ biomedcentral.com) **13** (10 December): 106.
- Daitch, Amy L., Brett L. Foster, Jessica Schrouff, Vinitha Rangarajan, Itur Kaşikçi, Sandra Gattas, & Josef Parvizi.** 2016. “Mapping the human temporal and parietal neuronal population activity and functional coupling during mathematical cognition.” *Proceedings of the National Academy of Sciences* **113** (15 November): E7277-E7286.
- Daiyasu, Hiromi, Kazuya Osaka, Yoshizumi Ishino, & Hiroyuki Toh.** 2001. “Expansion of the zinc metallo-dydrrolase family of the β -lactamase fold.” *Federation of European Biochemical Societies FEBS Letters* **503** (10 August): 1-6.
- Dajani, Rana.** 2015. “Why I teach evolution to Muslim students.” *Nature* **520** (23 April): 420.
- Dakin, Roslyn, & Robert Montgomerie.** 2009. “Peacocks orient their courtship displays towards the sun.” *Behavioral Ecology and Sociobiology* **63** (April): 825-834.
- . 2011. “Peahens prefer peacocks displaying more eyespots, but rarely.” *Animal Behaviour* **82** (July): 21-28.
- . 2013. “Eye for an eyespot: how iridescent plumage ocelli influence peacock mating success.” *Behavioral Ecology* **24** (5): 1048-1057.
- . 2014. “Condition-dependent mate assessment and choice by peahens: implications for sexual selection.” *Behavioral Ecology* **25** (September-October): 1097-1104.
- Dakin, Steven C., Marc S. Tibber, John A. Greenwood, Frederick A. A. Kingdom, & Michael J. Morgan.** 2011. “A common visual metric for approximate number and density.” *Proceedings of the National Academy of Sciences* **108** (6 December): 19552-

- 19557.
- Dakos, Vasilis, & Jordi Bascompte.** 2014. “Critical slowing down as early warning for the onset of collapse in mutualistic communities.” *Proceedings of the National Academy of Sciences* **111** (9 December): 17546-17551.
- Dakos, Vasilis, Marten Scheffer, Egbert H. van Nes, Victor Brovkin, Vladimir Petoukhov, & Hermann Held.** 2008. “Slowing down as an early warning signal for abrupt climate change.” *Proceedings of the National Academy of Sciences* **105** (23 September): 14308-14312.
- Dale, Christopher W., Kevin W. Butron, Richard G. Greenwood, Abdelmouhcine Gannoun, Jonathan Wade, Bernard J. Wood, & D. Graham Pearson.** 2012. “Late Accretion on the Earliest Planetesimals Revealed by the Highly Siderophile Elements.” *Science* **336** (6 April): 72-75.
- Dale, Colin, Gordon R. Plague, Ben Wang, Howard Ochman, & Nancy A. Moran.** 2002. “Type III secretion systems and the evolution of mutualistic endosymbiosis.” *Proceedings of the National Academy of Sciences* **99** (17 September): 12397-12402.
- Dale, Colin, Ben Wang, Nancy Moran, & Howard Ochman.** 2003. “Loss of DNA Recombinational Repair Enzymes in the Initial Stages of Genome Degeneration.” *Molecular Biology and Evolution* **20** (August): 1188-1194.
- Dale, James, Cody J. Dey, Kaspar Delhey, & Bart Kempnaers.** 2015. “The effects of life history and sexual selection on male and female plumage colouration.” *Nature* **527** (19 November): 367-370.
- D’Aleo, Joseph S., Harold H. Doiron, Don J. Easterbrook, Theodore R. Eck, Neil Frank, Gordon J. Fulks, William M. Gray, Art Horn, Thomas P. Sheahan, S. Fred Singer, Anthony R. Lupo, Madhav Khandekar, George Taylor, James P. Wallace III, & George T. Wolff.** 2014. “Scientists Respond to the Obama Administration’s National Climate Assessment—2014.” Letter (15 May) posting (online pdf at www.scribd.com accessed 3/24/2015).
- D’Alessio, Giuseppe.** 1999. “Evolution of oligomeric proteins: The unusual case of a dimeric ribonuclease.” *European Journal of Biochemistry* **266** (December, No. 3): 699-708.
- Daley, Beth.** 2007. “Biologist fired for beliefs, suit says.” *The Boston Globe* posting 7 December: online text accessed 5/28/2014 (www.boston.com).
- Daley, Daniel O., Rachel Clifton, & James Whelan.** 2002. “Intracellular gene transfer: Reduced hydrophobicity facilitates gene transfer for subunit 2 of cytochrome *c* oxidase.” *Proceedings of the National Academy of Sciences* **99** (6 August): 10510-10515.
- Daley, David.** 2015a. “Camille Paglia: How Bill Clinton is like Bill Cosby.” *Salon.com* 28 July (online text at salon.com accessed 8/11/2015).
- . 2015b. “Camille Paglia takes on Jon Stewart, Trump, Sanders: ‘Liberals think of themselves as very open-minded, but that’s simply not true!’” *Salon.com* 29 July (online text at salon.com accessed 8/11/2015).
- . 2015c. “‘Ted Cruz gives me the willies’: Camille Paglia analyzes the Gop field—and takes on Hillary Clinton.” *Salon.com* 30 July (online text at salon.com accessed 8/11/2015).
- Daley, Edward L.** 2005. “The Problem with Natural Selection.” *RenewAmerica* 25 September posting (online text at www.renewamerica.com accessed 4/9/2014).
- . 2006. “If I could choose the president, vice president, and cabinet in 2008.” *RenewAmerica* 7 December posting (online text at www.renewamerica.com accessed 4/9/2014).
- . 2011. “Good religion, as I see it.” *RenewAmerica* 16 February posting (online text at www.renewamerica.com accessed 4/9/2014).
- Daley, Jason.** 2017. “‘Faceless’ Fish Found off the Coast of Australia.” *Smithsonian SMARTNEWS* 1 June posting (online text at smithsonian.com accessed 6/10/2017).
- Dallas, Joe.** 1992. “Born Gay?” *Christianity Today* **36** (22 June): 20-23.
- Dallas, Mary Elizabeth.** 2013. “Could Brain Thickness Point to Stronger Religious Belief?” *HealthDay* 26 December posting (online text at consumer.healthday.com accessed

- 1/20/2014).
- Dalla Valle, Luisa, Alessia Nardi, Mattia Toni, Deena Emera, & Lorenzo Alibardi.** 2009. "Beta-keratins of turtle shell are glycine-proline-tyrosine rich proteins similar to those of crocodylians and birds." *Journal of Anatomy* **214** (February): 284-300.
- Dalla Vecchia, Fabio M.** 2013. "Triassic pterosaurs." *Geological Society, London, Special Publications* **379**: 119-155.
- Dalla Vecchia, Fabio M., & Paul A. Selden.** 2013. "A Triassic spider from Italy." *Acta Palaeontologica Polonica* **58** (2): 325-330.
- Dallegge, Todd A., Michael H. Ort, William C. McIntosh, & Michael Perkins.** 2001. "Age and Depositional Basin Morphology of the Bidahochi Formation and Implications for the Ancestral Upper Colorado River," in R. Young & Spamer (2001, 47-51).
- Dallos, Peter, & Bernd Fakler.** 2002. "Prestin, a new type of motor protein." *Nature Reviews Molecular Cell Biology* **3** (February): 104-111.
- Dally, Joanna M., Nathan J. Emery, & Nicola S. Clayton.** 2006. "Food-Caching Western Scrub-Jays Keep Track of Who Was Watching When." *Science* **312** (16 June): 1662-1665.
- Dalmasso, J., G. Barci-Funel, & G. J. Ardisson.** 1992. "Reinvestigation of the decay of the long-lived odd-odd ^{176}Lu nucleus." *International Journal of Radiation (Applications and Instrumentation. Part A. Applied Radiation and Isotopes)* **43** (January-February): 69-76.
- Dalrymple, G. Brent.** 1969. " $^{40}\text{Ar}/^{36}\text{Ar}$ analyses of historic lava flows." *Earth and Planetary Science Letters* **6** (1): 47-55.
- . 1984. "How Old is the Earth: A Response to 'Scientific' Creationism," in Awbrey & Thwaites (1984, 66-131).
- . 1991. *The Age of the Earth*. Stanford, CA: Stanford University Press.
- . 2000. "Radiometric Dating Does Work!" *Reports of the National Center for Science Education* **20** (May-June): 14-19.
- . 2007. "The Ages of the Earth, Solar System, Galaxy, and the Universe," in Petto & Godfrey (2007, 150-179).
- Dalrymple, G. Brent, & W. K. Hamblin.** 1998. "K-Ar ages of Pleistocene lava dams in the Grand Canyon in Arizona." *Proceedings of the National Academy of Sciences* **95** (18 August): 9744-9749.
- Dalrymple, G. Brent, & James G. Moore.** 1968. "Argon-40: Excess in Submarine Pillow Basalts from Kilauea Volcano, Hawaii." *Science* **161** (13 September): 1132-1135.
- Dalrymple, Robert W., Yasuhiko Makino, & Brian A. Zaitlin.** 1991. "Temporal and Spatial Patterns of Rhythmite Depositions on Mud Flats in the Macrotidal Cobequid Bay-Salmon River Estuary, Bay of Funday, Canada." *Canadian Society of Petroleum Geologists Memoir 16*: 137-160.
- Dal Sasso, Cristiano, & Marco Signore.** 1998. "Exceptional soft-tissue preservation in a theropod dinosaur." *Nature* **392** (26 March): 383-387.
- Dalton, Brian.** 2011. "My Journey into 'Formonism'." *Free Inquiry* **31** (October/November): 22-24.
- Dalton, Rex.** 1999. "Kansas kicks evolution out the classroom." *Nature* **400** (19 August): 701.
- . 2000a. "Feathers fly over Chinese fossil bird's legality and authenticity." *Nature* **403** (17 February): 689-690.
- . 2000b. "Fake bird fossil highlights the problem of illegal trading." *Nature* **404** (13 April): 696.
- . 2000c. "Chasing the dragons." *Nature* **406** (31 August): 930-932.
- . 2000d. "Doubts grow over discovery of fossilized 'dinosaur heart.'" *Nature* **407** (21 September): 275-276.
- . 2002. "Squaring up over ancient life." *Nature* **417** (20 June): 782-784.
- . 2003. "The coast road." *Nature* **422** (6 March): 10-12.
- . 2004. "True Colours." *Nature* **428** (8 April): 596-597.
- . 2005a. "Ancient 'footprints' found in Mexico." *Nature* (4 July) posting (online text at nature.com accessed 12/28/2010).
- . 2005b. "More evidence for hobbit unearthed as diggers are refused access to cave."

- Nature* **437** (13 October): 934.
- . 2006. “Neanderthal genome sees first light.” *Nature* **444** (16 November): 254.
- . 2007. “Blast in the past?” *Nature* **447** (17 May): 256-257.
- . 2009a. “Fossil rewrites early human evolution.” *Nature* **461** (8 October): 705.
- . 2009b. “Aping the anthropoids.” *Nature* **461** (22 October): 1040.
- . 2010a. “Discovery pushes back date of first four-legged animal.” *Nature* (6 January) posting (online text at *nature.com* accessed 11/20/2014).
- . 2010b. “Fossil finger points to new human species.” *Nature* **464** (25 March): 472.
- . 2010c. “Ancient DNA set to rewrite human history.” *Nature* **465** (13 May): 148-149.
- Daltrop, Oliver, James W. A. Allen, Anthony C. Willis, & Stuart J. Ferguson.** 2002. “*In vitro* formation of a *c*-type cytochrome.” *Proceedings of the National Academy of Sciences* **99** (11 June): 7872-7876.
- Daly, Michael.** 2012. “Importance of accurately measuring spatial abilities.” *Proceedings of the National Academy of Sciences* **109** (6 March): E584.
- . 2013. “Personality may explain the association between cannabis use and neurophysiological impairment.” *Proceedings of the National Academy of Sciences* **110** (12 March): E979.
- Dalziel, Ian W. D.** 1995. “Earth before Pangea.” *Scientific American* **272** (January): 58-63.
- . 1997. “Neoproterozoic-Paleozoic geography and tectonics: Review, hypothesis, environmental speculation.” *The Geological Society of America GSA Bulletin* **109** (January): 16-42.
- . 2014. “Cambrian transgression and radiation linked to an Iapetus-Pacific oceanic connection?” *Geology* **42** (November): 979-982.
- Damaševičius, Robertas.** 2010. “Complexity Estimation of Genetic Sequences Using Information-Theoretic and Frequency Analysis Methods.” *Informatica* **21** (January): 13-30.
- Damasio, Antonio R.** 1994a. *Descartes’ Error: Emotion, Reason, and the Human Brain*. New York: G. P. Putnam’s Sons.
- . 1994b. “Descartes’ Error and the Future of Human Life.” *Scientific American* **271** (October): 144.
- . 1999a. *The Feeling of What Happens: Body and Emotion in the Making of Consciousness*. New York: Harcourt Brace & Company.
- . 1999b. “How the Brain Creates the Mind.” *Scientific American* **281** (December): 112-117.
- . 2002. “Remembering When.” *Scientific American* **287** (September): 66-73.
- . 2003. “The person within.” *Nature* **423** (15 May): 227-228.
- Damasio, Antonio R., & Hanna Damasio.** 1992. “Brain and Language.” *Scientific American* **267** (September): 88-95.
- D’Ambrosio, Beatriz, Marilyn Frankenstein, Rochelle Gutiérrez, Signe Kastberg, Danny Martin, Judit Moschkovich, Edd Taylor, & David Barnes.** 2010a. “Introduction to the *JRME* Equity Special Issue.” National Council of Teachers of Mathematics *Journal for Research in Mathematics Education* posting (online pdf at *www.nctm.org* accessed 10/24/2011).
- . 2010b. “Positioning Oneself in Mathematics Education Research.” National Council of Teachers of Mathematics *Journal for Research in Mathematics Education* posting (online pdf at *www.nctm.org* accessed 10/24/2011).
- Damen, Wim G. M.** 2004. “Arthropod Segmentation: Why Centipedes Are Odd.” *Current Biology* **14** (27 July): R557-R559.
- Damen, Wim G. M., Monika Hausdorf, Ernst-August Seyfarth, & Diethard Tautz.** 1998. “A conserved mode of head segmentation in arthropods revealed by the expression pattern of Hox genes in a spider.” *Proceedings of the National Academy of Sciences* **95** (1 September): 10665-10670.
- Damen, Wim G. M., Theodora Saridaki, & Michalis Averof.** 2002. “Diverse Adaptations of an Ancestral Gill: A Common Evolutionary Origin for Wings, Breathing Organs, and Spinnerets.” *Current Biology* **12** (1 October): 1711-1716.

- Damen, Wim G. M., Mathias Weller, & Diethard Tautz.** 2000. "Expression patterns of *hairy*, *even-skipped*, and *runt* in the spider *Cupiennius salei* imply that these genes were segmentation genes in a basal arthropod." *Proceedings of the National Academy of Sciences* **97** (25 April): 4515-4519.
- Damholt, Tove, & Finn Surlyk.** 2004. "Laminated–bioturbated cycles in Maastrichtian chalk of the North Sea: oxygenation fluctuations within the Milankovitch frequency band." *Sedimentology* **51** (December): 1323-1342.
- Damian, Rodica Ioana, & Brent W. Roberts.** 2015. "Settling the debate on birth order and personality." *Proceedings of the National Academy of Sciences* **112** (17 November): 14119-14120.
- Damiani, Ross J.** 2001. "A systematic revision and phylogenetic analysis of Triassic mastodonsauroids (Temnospondyli: Stereospondyli)." *Zoological Journal of the Linnean Society* **133** (November): 379-482.
- . 2004. "Cranial anatomy and relationships of *Microposaurus casei*, a temnospondyl from the Middle Triassic of South Africa." *Journal of Vertebrate Paleontology* **24** (10 September): 533-541.
- Damiani, R. J., & B. S. Rubidge.** 2003. "A review of the South African temnospondyl amphibian record." *Palaeontologica Africana* **39** (December): 21-36.
- Damiani, R. J., & Adam M. Yates.** 2003. "The Triassic Amphibian *Thoosuchus yakovlevi* and the Relationships of the Trematosauroida (Temnospondyli: Stereospondyli)." *Records of the Australian Museum* **55** (3): 331-342.
- Damon, Alex.** 2004. "Case for a Creator." Undated posting (online text at angelfire.com/realm3/creation1 accessed 4/4/2014).
- Damon, William.** 1999. "The Moral Development of Children." *Scientific American* **281** (August): 72-78.
- D'Amore, Domenic C.** 2009. "A Functional Explanation for Denticulation in Theropod Dinosaur Teeth." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1297-1314.
- Da Mota, Lígia Souza Lima Silveira, & Rosana Ap. Bicudo da Silva.** 1998. "Centric fusion in goats (*Capra hircus*): Identification of a 6/15 translocation by high resolution chromosome banding." *Genetics and Molecular Biology (AKA Brazilian Journal of Genetics)*, online @ scielo.br **21** (1): S1415-47571998000100012.
- Dana, Maryann McKibben.** 2011. "Presbyterians, Change Hearts & Minds, Begin Ordaining Gays." *Religion Dispatches* 8 July (online text at religiondispatches.org accessed 7/12/2011).
- D'Anastasio, Ruggero, Stephen Wroe, Claudio Tuniz, Lucia Mancini, Deneb T. Cesana, Diego Dreossi, Mayoorendra Ravichandiran, Marie Attard, William C. H. Parr, Anne Agur, & Luigi Capasso.** 2013. "Micro-Biomechanics of the Kebara 2 Hyoid and Its Implications for Speech in Neanderthals." *PLoS ONE* (online @ plosone.org) **8** (December): e82261.
- Danchin, Antoine,** trans. Alison Quayle. 1998. *The Delphic Boat: What Genomes Tell Us*. 2002 English ed. Cambridge, MA: Harvard University Press.
- Danchen, Etienne G. J., Marie-Noëlle Rosso, Paulo Vieira, Janice de Almeida-Engler, Pedro M. Continho, Bernard Henrissat, & Pierre Abad.** 2010. "Multiple lateral gene transfers and duplications have promoted plant parasitism ability in nematodes." *Proceedings of the National Academy of Sciences* **107** (12 October): 17651-17656.
- Dando, Marc.** 1996. "Marine Invertebrates," in Waller (1996, 113-190).
- Danforth, John.** 2006. *Faith and Politics: How the "Moral Values" Debate Divides America and How to Move Forward Together*. New York: Viking Press.
- Dang, Hung-Quang, & Ziyin Li.** 2011. "The Cdc45•Mem2—7•GINS Protein Complex in Trypanosomes Regulates DNA Replication and Interacts with Two Orc1-like Proteins in the Origin Recognition Complex." *The Journal of Biological Chemistry* **286** (15 September): 32424-32435.
- Dangel, Andrew W., Bradley J. Baker, Anna R. Mendoza, & C. Yung Yu.** 1995.

- “Complement component *C4* gene intron 9 has a phylogenetic marker for primates: long terminal repeats of the endogenous retroviruses ERV-K(C4) are a molecular clock of evolution.” *Immunogenetics* **42** (May): 41-52.
- Dangendorf, Sönke, Marta Marcos, Guy Wöppelmann, Clinton P. Conrad, Thomas Frederikse, & Riccardo Riva.** 2017. “Reassessment of 20th century global mean sea level rise.” *Proceedings of the National Academy of Sciences* **114** (6 June): 5946-5951.
- Dang-Vu, Thien Thanh, Maxime Bonjean, Manuel Schabus, Mélanie Boly, Annabelle Darsaud, Martin Desseilles, Christian Degueldre, Evelyne Balteau, Christophe Phillips, André Luxen, Terrence J. Sejnowski, & Pierre Maquet.** 2011. “Interplay between spontaneous and induced brain activity during human non-rapid eye movement sleep.” *Proceedings of the National Academy of Sciences* **108** (13 September): 15438-15443.
- Dang-Vu, Thien Thanh, Manuel Schabus, Martin Desseilles, Geneviève Albouy, Mélanie Boly, Annabelle Darsaud, Steffen Gais, Géraldine Rauchs, Virginie Sterpenich, Gilles Vandewalle, Julie Carrier, Gustave Moonen, Evelyne Balteau, Christian Degueldre, André Luxen, Christophe Phillips, & Pierre Maquet.** 2008. “Spontaneous neural activity during human slow wave sleep.” *Proceedings of the National Academy of Sciences* **105** (30 September): 15160-15165.
- Daniel, Chammiran, Gilad Silberberg, Mikaela Behm, & Marie Öhman.** 2014. “Alu elements shape the primate transcriptome by *cis*-regulation of RNA editing.” *Genome Biology* (online @ genomebiology.com) **15** (3 February): R28.
- Daniel, Frank Jack.** 2011. “Chavez says capitalism may have ended life on Mars.” *Reuters* 22 March posting (online text at www.reuters.com accessed 3/10/2013).
- Daniel, Lynda.** 2017. Martin County, Florida 10 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Daniell, Sarah J., Robin M. Delahay, Robert K. Shaw, Elizabeth L. Hartland, Mark J. Pallen, Frank Booy, Frank Ebel, Stuart Knutton, & Gad Frankel.** 2001. “Coiled-Coil Domain of Enteropathogenic *Escherichia coli* Type III Secreted Protein EspD Is Involved in EspA Filament-Mediated Cell Attachment and Hemolysis.” *Infection and Immunity* **69** (June): 4055-4064.
- Daniels, Bryan C., David C. Krakauer, & Jessica C. Flack.** 2012. “Sparse code of conflict in a primate society.” *Proceedings of the National Academy of Sciences* **109** (28 August): 14259-14264.
- Daniels, Christopher B., Sandra Orgeig, Lucy C. Sullivan, Nicholas Ling, Michael B. Bennett, Samuel Schürch, Adalberto Luis Val, & Colin J. Brauner.** 2004. “The Origin and Evolution of the Surfactant System in Fish: Insights into the Evolution of Lungs and Swim Bladders.” *Physiological and Biochemical Zoology* **77** (September-October): 732-749.
- Daniels, Frank J., & Richard D. Dayvault.** 2006. *Ancient Forests: A Closer Look at Fossil Wood*. Grand Junction, CO: Western Colorado Publishing Company.
- Daniels, Savel R., Neil Cumberlidge, Marcos Pérez-Losada, Saskia A. E. Marijnissen, & Keith A. Crandall.** 2006. “Evolution of Afrotropical freshwater crab lineages obscured by morphological convergence.” *Molecular Phylogenetics and Evolution* **40** (July): 227-235.
- Danielson, Dennis R.** 2009. “Myth 6: That Copernicanism Demoted Humans From the Center of the Cosmos,” in *Numbers* (2009a, 50-58).
- Danielson, Sheldon.** 2005. “Divine Farce: A Scientific/Philosophic Romp Through Intelligent Design.” *Talk Reason* posting 17 November (online text at talkreason.org accessed 11/10/2005).
- Danielsson, Olle, & Hans Jörnvall.** 1992. “‘Enzymogenesis’: Classical liver alcohol dehydrogenase origin from the glutathione-dependent formaldehyde dehydrogenase line.” *Proceedings of the National Academy of Sciences* **89** (1 October): 9247-9251.
- Danilov, Igor G., & Vladimir B. Sukhanov.** 2001. “New data on lindholmemydid turtle *Lindholmemyx* from the Late Cretaceous of Mongolia.” *Acta Palaeontologica Polonica* **46** (1): 125-131.

- . 2006. “A basal eucryptodiran turtle ‘*Sinemys efremovi* (= *Wuguia efremovi*) from the Early Cretaceous of China.” *Acta Palaeontologica Polonica* **51** (1): 105-110.
- Danisman, Evin, Redouan Bshary, & Ralph Bergmüller.** 2010. “Do cleaner fish learn to feed against their preference in a reverse reward contingency task?” *Animal Cognition* **13** (January): 41-49.
- Dann, Kevin.** 1991. “From Degeneration to Regeneration: The Eugenics Survey of Vermont, 1925-1936.” *Vermont History: The Proceedings of the Vermont Historical Society* **59** (Winter): 5-29.
- Dannemann, Michael, Aida M. Andrés, & Janet Kelso.** 2016. “Introgression of Neandertal- and Denisovan-like Haplotypes Contributes to Adaptive Variation in Human Toll-like Receptors.” *The American Journal of Human Genetics* **98** (January): 22-23.
- Danovaro, Roberto, Antonio Dell’Anno, Cinzia Corinaldesi, Eugenio Rastelli, Ricardo Cavicchioli, Mart Krupovic, Rachel T. Noble, Takuro Nunoura, & David Prangishvili.** 2016. “Virus-mediated archaeal hecatomb in the deep seafloor.” *Science Advances* **2** (12 October): e1600492 (online at sciencemag.org).
- Danowitz, Melinda, Aleksandr Vasilyev, Victoria Kortlandt, & Nikos Solounias.** 2015. “Fossil evidence and stages of elongation of the *Giraffa camelopardalis* neck.” *Royal Society Open Science* **2** (October): 150393.
- Dantzer, Ben.** 2015. “Mothers shape ecological communities.” *Science* **347** (20 February): 822-823.
- Danziger, Shai, Jonathan Levav, & Liora Avnaim-Pesso.** 2011. “Extraneous factors in judicial decisions.” *Proceedings of the National Academy of Sciences* **108** (26 April): 6889-6892.
- Dao, Anh H., & Martin G. Netsky.** 1984. “Human tails and pseudotails.” *Human Pathology* **15** (May): 449-453.
- Dao, Christine.** 2008a. “Man of Science, Man of God: William Kirby.” Institute for Creation Research *Acts & Facts* (July): 8.
- . 2008b. “Man of Science, Man of God: Michael Faraday.” Institute for Creation Research *Acts & Facts* (August): 8.
- . 2008c. “Man of Science, Man of God: Gregor Mendel.” Institute for Creation Research *Acts & Facts* (October): 8.
- . 2008d. “Man of Science, Man of God: Louis Pasteur.” Institute for Creation Research *Acts & Facts* (November): 8.
- . 2008e. “Man of Science, Man of God: George Washington Carver.” Institute for Creation Research *Acts & Facts* (December): 8.
- . 2010a. “Walking with Giant Puppets.” *Institute for Creation Research* posting 19 April (online text at www.icr.org accessed 4/27/2010).
- . 2010b. “NASA Lab Violates Free Speech Rights of Acts & Facts Author.” *Institute for Creation Research* posting 20 April (online text at www.icr.org accessed 4/27/2010).
- . 2010c. “The Critical Importance of Teaching the Teachers.” Institute for Creation Research *Acts & Facts* (May): 17.
- . 2011. “ICR’s Modern-Day Noah.” Institute for Creation Research *Acts & Facts* (January): 19.
- Dao, James.** 2011. “Atheists Seek Chaplain Role in Military.” *The New York Times* posting 16 April: online text accessed 4/29/2011 (www.nytimes.com).
- D’Août, K. D., E. Vereecke, K. Schoonaert, D. De Clercq, L. Van Elsacker, & P. Aerts.** 2004. “Locomotion in bonobos (*Pan paniscus*): differences and similarities between bipedal and quadrupedal terrestrial walking, and a comparison with other locomotor modes.” *Journal of Anatomy* **204** (May): 353-361.
- Dar, Gali, Youssef Masharawi, Smadar Peleg, Nili Steinberg, Hila May, Bahaa Medlej, Natad Peled, & Israel HersHKovitz.** 2010. “Schmorl’s nodes distribution in the human spine and its possible etiology.” *European Spine Journal* **19** (April): 670-675.
- D’arc, Mirela, Ahidjo Ayouba, Amandine Esteban, Gerald H. Learn, Vanina Boué, Florian Liegeois, Lucie Etienne, Nikki Tagg, Fabian H. Leendertz, Christophe Bosech, Nadège F. Madinda, Martha M. Robbins, Maryke Gray, Amandine Cournil, Marcel Ooms,**

- Michael Letko, Viviana A. Simon, Paul M. Sharp, Beatrice H. Hahn, Eric Delaporte, Eitel Mpoudi Ngole, & Martine Peeters.** 2015. "Origin of the HIV-1 group 0 epidemic in western lowland gorillas." *Proceedings of the National Academy of Sciences* **112** (17 March): E1343-E1352.
- Darchen, Roger, & Bernadette Delage-Darchen.** 1986. "Societies of Spiders Compared to the Societies of Insects." *The Journal of Arachnology* **14** (2): 227-238.
- D'Ardenne, Kimberlee, Neir Eshel, Joseph Luka, Agatha Lenartowicz, Leigh E. Nystrom, & Jonathan D. Cohen.** 2012. "Role of prefrontal cortex and the midbrain dopamine system in working memory updating." *Proceedings of the National Academy of Sciences* **109** (4 December): 19900-19909.
- D'Argembeau, Arnaud, Perrine Ruby, Fabienne Collette, Christian Degueldre, Evelyne Baiteau, André Luxen, Pierre Maquet, & Eric Salmon.** 2007. "Distinct Regions of the Medial Prefrontal Cortex Are Associated with Self-referential Processing and Perspective Taking." *Journal of Cognitive Neuroscience* **19** (June): 935-944.
- Dark, Ken.** 2015. "Has Jesus' Nazareth House Been Found?" *Biblical Archaeology Review* **4** (March/April): 02.
- Darling, Kate F., Ellen Thomas, Simone A. Kasemann, Heidi A. Seears, Christopher W. Smart, & Christopher M. Wade.** 2009. "Surviving mass extinction by bridging the benthic/planktic divide." *Proceedings of the National Academy of Sciences* **106** (4 August): 12629-12633.
- Darlington, C. D.** 1959. "The Origin of Darwinism." *Scientific American* **200** (May): 60-66.
- Darlington, P. J. Jr.** 1975. "Group selection, altruism, reinforcement, and throwing in human evolution." *Proceedings of the National Academy of Sciences* **72** (1 September): 3748-3752.
- Darnell, James E. Jr.** 2013. "Reflections on the history of pre-mRNA processing and highlights of current knowledge: A unified picture." *RNA* **19** (April): 443-460.
- Darnley, M. J., M. Henze, I. A. Steele, M. F. Bode, V. A. R. M. Ribeiro, P. Rodríguez-Gil, A. W. Shafter, S. C. Williams, D. Baer, I. Hachisu, M. Hernanz, R. Hounsell, M. Kato, S. Kiyota, H. Kučáková, H. Maehara, J.-U. Ness, A. S. Piascik, G. Sala, I. Skillen, R. J. Smith, & M. Wolf.** 2014. "A remarkable recurrent nova in M 31: Discovery and optical/UV observations of the predicted 2014 eruption." *Astronomy & Astrophysics* **563** (March): L9.
- Darrall, Nancy M.** 1999. "Earliest Modern Tree lived '360 million years ago'." *Biblical Creation Society* (UK) posting (online text at www.biblicalcreation.org.uk accessed 5/2/2015).
- D'Arrigo, Rosanne, Richard Seager, Jason E. Smerdon, Allegra N. LaGrande, & Edward R. Cook.** 2011. "The anomalous winter of 1783-1784: Was the Laki eruption or an analog of the 2009-2010 winter to blame?" *Geophysical Research Letters* **38**: L05706.
- Darrigol, Olivier.** 2004. "The Mystery of the Einstein-Poincaré Connection." *Isis* **95** (December): 614-626.
- . 2005. "The Genesis of the Theory of Relativity." *Séminaire Poincaré* **2005** (April): 1-22.
- Darroch, Simon A. F., Marc Laflamme, & Matthew E. Clapham.** 2013. "Population structure of the oldest known macroscopic communities from Mistaken Point, Newfoundland." *Paleobiology* **39** (September): 591-608.
- Darroch, Simon A. F., Imran A. Rahman, Brandt Gibson, Rachel A. Racicot, & Marc Laflamme.** 2017. "Inference of facultative mobility in the enigmatic Ediacaran organism *Parvancorina*." *Royal Society Biology Letters* **13** (May): 20170033.
- Darrow, Clarence.** 1926. "The Eugenics Cult." *The American Mercury* **8** (June): posted 3 September by John Pieret at *Thoughts in a Haystack* (online text at dododreams.blogspot.com accessed 9/5/2011).
- Darrow, Emily M., Miriam H. Huntley, Olga Dudchenko, Elena K. Stamenova, Neva C. Durand, Zhuo Sun, Su-Chen Huang, Adrian L. Sanborn, Ido Machol, Muhammad Shamim, Andrew P. Seberg, Eric S. Lander, Brian P. Chadwick, & Erez Lieberman Aiden.** 2016. "Deletion of *DXZ4* on the human inactive X chromosome alters higher-order

- genome architecture.” *Proceedings of the National Academy of Sciences* **113** (2 August): E4504-E4512.
- Dart, Tom.** 2015. “Bobby Jindal—the Republican who brought creationism into public schools—to announce presidential run.” *The Raw Story* 24 June posting (online text at www.rawstory.com accessed 6/24/2015).
- Darwin, Charles,** ed. 2008 David Quammen. 1859. *On the Origin of Species: The Illustrated Edition*. New York: Sterling.
- . 1860. *On the Origin of Species by Means of Natural Selection or the Preservation of Favored Races in the Struggle for Life*. Undated reprint of 2nd ed. with *The Descent of Man*. New York: The Modern Library.
- . 1864. “Darwin, C. R., to Wallace, A. R.” *Darwin Correspondence Project* 15 June letter posting (online text at www.darwinproject.ac.uk accessed 7/11/2014).
- . 1871. *The Descent of Man and Selection in Relation to Sex*. Undated reprint with *The Origin of Species*. New York: The Modern Library.
- . 1879. *The Descent of Man and Selection in Relation to Sex*. 2007 “Concise Edition” with Carl Zimmer commentary of 2004 rev. ed. reprint. New York: Plume Books (Penguin Group).
- . 1880. “Charles DARWIN to J.-H. FEBRE of January 31, 1880.” *Jean-Henri Fabre* letter posting (online text at www.e-fabre.com accessed 4/20/2015).
- Darwin, Charles, & Alfred Wallace.** 1858. “The Darwin-Wallace Paper (Complete).” *The Linnean Society* posting (online text at www.linnean.org accessed 3/26/2009).
- Darwin, Leonard.** 1932. *What Is Eugenics?* New York: The Third International Congress of Eugenics.
- Darwin Days.* 2014. Discovery Institute *Evolution News & Views* posting of *New Mexico Museum of Natural History and Science* lecture series flyer (online pdf at evolutionnews.org accessed 6/25/2014).
- Darwin’s Failed Predictions.* 2007. “A Response to the Online Materials of PBS-NOVA’s Judgment Day: Intelligent Design On Trial.” *Darwin’s Failed Predictions* posting (online text at www.judgingpbs.com accessed 11/3/2011).
- Darwin Voyage.* 2009. *Darwin: The Voyage That Shook The World*. Creation Ministries DVD produced by Fathom Media.
- Daryanani, Nikita.** 2015. “Polar Bears: Climate Change Cliché or Disaster?” National Center for Science Education *Science League of America* 12 August posting (online text via ncse.com accessed 9/4/2015).
- Das, Aparup, & Aditya Prasad Dash.** 2007. “Evolutionary paradigm of chloroquine-resistant malaria in India.” *Trends in Parasitology* **23** (April): 132-135.
- Das, Jayatri, Stephen T. Miller, & David L. Stern.** 2004. “Comparison of Diverse Protein Sequences of the Nuclear-Encoded Subunits of Cytochrome C Oxidase Suggests Conservation of Structure Underlies Evolving Functional Sites.” *Molecular Biology and Evolution* **21** (August): 1572-1582.
- Das, Sabyasachi.** 2009. “Evolutionary Origin and Genomic Organization of Micro-RNA Genes in Immunoglobulin Lambda Variable Region Gene Family.” *Molecular Biology and Evolution* **26** (May): 1179-1189.
- Das, Sabyasachi, Masayuki Hirano, Narges Aghaallaei, Baubak Bajoghli, Thomas Boehm, & Max D. Cooper.** 2013. “Organization of lamprey *variable lymphocyte receptor c* locus and repertoire development.” *Proceedings of the National Academy of Sciences* **110** (9 April): 6043-6048.
- Das, Sabyasachi, Uzra Mohamedy, Masayuki Hirano, Masatoshi Nei, & Nikolas Nikolaidis.** 2010. “Analysis of the Immunoglobulin Light Chain Genes in Zebra Finch: Evolutionary Implications.” *Molecular Biology and Evolution* **27** (January): 113-120.
- Das, Sarah B., & Richard B. Alley.** 2005. “Characterization and formation of melt layers in polar snow: observations and experiments from West Antarctica.” *Journal of Glaciology* **51** (173): 307-312.
- Das, Saurya, & Rajat K. Bhaduri.** 2015. “Dark matter and dark energy from a Bose-Einstein

- condensate.” *Classical and Quantum Gravity* **741** (4 February): 276-279.
- Das, Sudeshna, & Temple F. Smith.** 2000. “Identifying nature’s protein Lego set.” *Advances in Protein Chemistry* **54**: 159-183.
- D’Ascenzo, Luigi, Filip Leonarski, Quentin Vicens, & Pascal Auffinger.** 2016. “‘Z-DNA like’ fragments in RNA: a recurring structural motif with implications for folding, RNA/protein recognition and immune response.” *Nucleic Acids Research* **44** (8 July): 5944-5956.
- DasGupta, Shamik, Clara Howcraft Ferreira, & Gero Miesenböck.** 2014. “FoxP influences the speed and accuracy of a perceptual decision in *Drosophila*.” *Science* **344** (23 May): 901-904.
- Dashzeveg, D., & Z. Kielan-Jaworowska.** 1984. “The lower jaw of an aegialodontid mammal from the Early Cretaceous of Mongolia.” *Zoological Journal of the Linnean Society* **82** (September): 217-227.
- Dashzeveg, Demberelyn.** 1975. “New primitive therian from the early Cretaceous of Mongolia.” *Nature* **256** (31 July): 402-403.
- . 1994. “Two Previously Unknown Eupantotheres (Mammalia, Eupanthrotheria).” *American Museum Novitates* **3433** (February): 1-76.
- Dasilva, Corinne, Hajer Hadji, Catherine Ozouf-Costaz, Sophie Nicaud, Olivier Jaillon, Jean Weissenbach, & Hugues Roest Crollius.** 2002. “Remarkable compartmentalization of transposable elements and pseudogenes in the heterochromatin of the *Tetraodon nigroviridis* genome.” *Proceedings of the National Academy of Sciences* **99** (15 October): 13636-13641.
- Da Silva, Jack.** 2012. “BRCA1/2 mutations, fertility and the grandmother effect.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 August): 2926-2929.
- Dassi, Erik, Paola Zuccotti, Sara Leo, Alessandro Provenzani, Michael Assfalg, Mariapina D’Onofrio, Paola Riva, & Alessandro Quattrone.** 2013. “Hyper conserved elements in vertebrate mRNA 3’-UTRs reveal a translational network of RNA-binding proteins controlled by HuR.” *Nucleic Acids Research* **41** (March #5): 3201-3216.
- Dastjerdi, Mohammad, Brett L. Foster, Sharmin Nasrullah, Andreas M. Rauschecker, Robert F. Dougherty, Jennifer D. Townsend, Catie Chang, Michael D. Greicius, Vinod Menon, Daniel P. Kennedy, & Josef Parvizi.** 2011. “Differential electrophysiological response during rest, self-referential, and non-self-referential tasks in human posteromedial cortex.” *Proceedings of the National Academy of Sciences* **108** (15 February): 3023-3028.
- Dastmalchian, Amir.** 2013. “Margaret Thatcher: A Muslim’s Perspective.” *Religion Dispatches* 12 April (online text at religiondispatches.org accessed 4/27/2013).
- Datavo, Aléssio, & Richard P. Vari.** 2013. “The Jaw Adductor Muscle Complex in Teleostean Fishes: Evolution, Homologies and Revised Nomenclature (Osteichthyes: Actinopterygii).” *PLoS ONE* (online @ plosone.org) **8** (April): e60846.
- Datta, Kausiki, Neil P. Johnson, Arne T. Nielsen, & Peter H. von Hippel.** 2010. “DNA conformational changes at the primer-template junction regulate the fidelity of replication by DNA polymerase.” *Proceedings of the National Academy of Sciences* **107** (19 October): 17980-17985.
- Datta-Roy, Aniruddha, & K. Praveen Karanth.** 2009. “The Out-of-India hypothesis: What do molecules suggest?” *Indian Academy of Sciences Journal of Biosciences* **34** (November): 687-697.
- Daubin, Vincent, Nancy A. Moran, & Howard Ochman.** 2003. “Phylogenetics and the Cohesion of Bacterial Genomes.” *Science* **301** (8 August): 829-832.
- Daufresne, Martin, Kathrin Lengfellner, & Ulrich Sommer.** 2009. “Global warming benefits the small in aquatic ecosystems.” *Proceedings of the National Academy of Sciences* **106** (4 August): 12788-12793.
- Daughton, Christian G., & Ilene S. Ruhoy.** 1981. “Plate tectonics and the problem of anthropoid origins.” *American Journal of Physical Anthropology* **24** (Yearbook Supplement S2): 139-172.
- Daulton, Tyrone L.** 2012. “Suspect cubic diamond ‘impact’ proxy and a suspect lonsdaleite identification.” *Proceedings of the National Academy of Sciences* **109** (21 August): E2242.

- Daulton, Tyrone L., Nicholas Pinter, & Andrew C. Scott.** 2010. “No evidence of nanodiamonds in Younger-Dryas sediments to support an impact event.” *Proceedings of the National Academy of Sciences* **107** (7 September): 16043-16047.
- Daumke, Oliver, & Gerrit J. K. Praefcke.** 2011. “Structural insights into membrane fusion at the endoplasmic reticulum.” *Proceedings of the National Academy of Sciences* **108** (8 February): 2175-2176.
- Dauphas, Nicolas.** 2017. “The isotopic nature of the Earth’s accreting material through time.” *Nature* **541** (26 January): 521-524.
- Dauphas, Nicolas, Christoph Burkhardt, Paul H. Warren, & Teng Fang Zhen.** 2014. “Geochemical arguments for an Earth-like Moon-forming impactor.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **372** (13 September): 20130244.
- Daura, Joan, Monteserrat Sanz, Juan Luis Arsuaga, Dirk L. Hoffmann, Rolf M. Quam, María Cruz Ortega, Elena Santos, Sandra Gómez, Angel Rubio, Lucía Villaescusa, Pedro Souto, João Mauricio, Filipa Rodrigues, Artur Ferreira, Paulo Godinho, Erik Trinkaus, & João Zilhão.** 2017. “New Middle Pleistocene hominin cranium from Gruta da Aroeira (Portugal).” *Proceedings of the National Academy of Sciences* **114** (28 March): 3397-3402.
- Dávalos, Liliana M., Andrea L. Cirranello, Jonathan H. Geisler, & Nancy B. Simmons.** 2012. “Understanding phylogenetic incongruence: lessons from phyllostomid bats.” *Biological Reviews of the Cambridge Philosophical Society* **87** (November): 991-1024.
- DaveLoneRanger.** 2005. “These Quotes Reveal The Credulity Of Evolutionists.” *Free Republic* 2 July posting (online text at www.freerepublic.com accessed 11/23/2013).
- Davenas, E., F. Beauvais, J. Amara, M. Oberbaum, B. Robinzon, A. Miadonna, A. Tedeschi, B. Pomeranz, P. Fortner, P. Belon, J. Sainte-Laudy, B. Poitevin, & J. Benveniste.** 1988. “Human basophil degranulation triggered by very dilute antiserum against IgE.” *Nature* **335** (30 June): 816-818.
- Davenport, R. John.** 2001. “Making Copies in the RNA World.” *Science* **292** (18 May): 1278.
- . 2005. “What Controls Organ Regeneration?” *Science* **309** (1 July): 84.
- Davey, Andrew J. H., & Donald J. Jellyman.** 2005. “Sex Determination in Freshwater Eels and Management Options for Manipulation of Sex.” *Reviews in Fish Biology and Fisheries* **15** (February): 37-52.
- David, A. Rosalie, & Michael R. Zimmerman.** 2010. “Cancer: an old disease, a new disease or something in between?” *Nature Reviews Cancer* **10** (October): 728-733.
- David, Charles N., Nikola Schmidt, Marsha Schade, Barbara Pauly, Olga Alexandrova, & Angelika Böttger.** 2005. “Hydra and the Evolution of Apoptosis.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **45** (April): 631-638.
- David, Lawrence A., & Eric J. Alm.** 2011. “Rapid evolutionary innovation during an Archaean genetic expansion.” *Nature* **469** (6 January): 93-96.
- David, Lior, Shula Blum, Marcus W. Feldman, Uri Lavi, & Jossi Hillel.** 2003. “Recent Duplication of the Common Carp (*Cyprinus carpio* L.) Genome as Revealed by Analyses of Microsatellite Loci.” *Molecular Biology and Evolution* **20** (September): 1425-1434.
- Dávid-Barrett, Tamás, & Robin I. M. Dunbar.** 2016. “Bipedality and hair loss in human evolution revisited: The impact of altitude and activity scheduling.” *Journal of Human Evolution* **94** (May): 72-82.
- Davidescu, F. D., A. Țenu, & Ana Slăvescu.** 1991. “Environmental isotopes in karst hydrology: a layout of problems with exemplifications in Romania.” *Theoretical and Applied Karstology* (Bucharest) **4**: 77-86.
- David-Gray, Z. K., J. Bellingham, M. Munoz, A. Avivi, E. Nevo, & R. G. Foster.** 2002. “Adaptive loss of ultraviolet sensitive/violet sensitive (UVS/VS) cone opsin in the blind mole rat (*Spalax ehrenbergi*).” *European Journal of Neuroscience* **16** (October): 1186-1194.
- David Icke.** 2011. “The Demonic Theory of UFOs.” *David Icke’s Official Forums* August discussion thread (online text at www.davidicke.com accessed 11/9/2013).

- Dauids, Keith, & Duarte Araújo.** 2010. “Perception of Affordances in Multi-Scale Dynamics as an Alternative Explanation for Equivalence of Analogical and Inferential Reasoning in Animals and Humans.” *Theory & Psychology* **20** (February): 125-134.
- Dauids, Wagied, Hans-Henrik Fuxelius, & Siv G. E. Andersson.** 2003. “The journey to smORFland.” *Comparative and Functional Genomics* **4** (October): 537-541.
- Davidson, Alan R., Kevin J. Lumb, & Robert T. Sauer.** 1995. “Cooperatively folded proteins in random sequence libraries.” *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **2** (October): 856-864.
- Davidson, Alan R., & Robert T. Sauer.** 1994. “Folded proteins occur frequently in libraries of random amino acid sequences.” *Proceedings of the National Academy of Sciences* **91** (15 March): 2146-2150.
- Davidson, Ana D., Alison G. Boyer, Hwahwan Kim, Sandra Pompa-Mansilla, Marcus J. Hamilton, Daniel P. Costa, Gerardo Ceballos, & James H. Brown.** 2012. “Drivers and hotspots of extinction risk in marine mammals.” *Proceedings of the National Academy of Sciences* **109** (28 February): 3395-3400.
- Davidson, Brad, & Michael Levine.** 2003. “Evolutionary origins of the vertebrate heart: Specification of the cardiac lineage in *Ciona intestinalis*.” *Proceedings of the National Academy of Sciences* **100** (30 September): 11469-11473.
- Davidson, Brad, Weiyang Shi, Jeni Beh, Lionel Christiaen, & Mike Levine.** 2006. “FGF signaling delineates the cardiac progenitor field in the simple chordate, *Ciona intestinalis*.” *Genes & Development* **20** (1 October): 2728-2738.
- Davidson, C. J., E. G. Tuddenham, & J. H. McVey.** 2003. “450 Million Years of Hemostasis.” *Journal of Thrombosis and Haemostasis* **1** (July): 1487-1494.
- Davidson, Eric H.** 2011. “Evolutionary bioscience as regulatory systems biology.” *Developmental Biology* **357** (1 September): 35-40.
- Davidson, Eric H., & Douglas H. Erwin.** 2006a. “Gene Regulatory Networks and the Evolution of Animal Body Plans.” *Science* **311** (10 February): 796-800.
- . 2006b. “Response to Comment on ‘Gene Regulatory Networks and the Evolution of Animal Body Plans.’” *Science* **313** (11 August): 761c.
- . 2009. “An Integrated View of Precambrian Eumetazoan Evolution.” *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 65-80.
- Davidson, Eric H., K. J. Peterson, & R. Andrew Cameron.** 1995. “Origin of Bilaterian Body Plans: Evolution of Developmental Regulatory Mechanisms.” *Science* **270** (24 November): 1319-1325.
- Davidson, Eric H., Jonathan P. Rast, Paola Oliveri, Andrew Ransick, Cristina Calestani, Chiou-Hwa Yuh, Takuya Minokawa, Gabriele Amore, Veronica Hinman, César Arenas-Mena, Ochan Otim, C. Titus Brown, Carolina B. Livi, Pei Yun Lee, Roger Revilla, Alistair G. Rust, Zheng jun Pan, Maria J. Schilstra, Peter J. C. Clarke, Maria I. Arnone, Lee Rowan, R. Andrew Cameron, David R. McClay, Leroy Hood, & Hamid Bolouri.** 2002. “A Genomic Regulatory Network for Development.” *Science* **295** (1 March): 1669-1678.
- Davidson, Iain.** 1999. “The Game of the Name: Continuity and Discontinuity in Language Origins,” in King (1999, 229-268).
- . 2010. “The archaeology of cognitive evolution.” *Wiley Interdisciplinary Reviews: Cognitive Science* **1** (March/April): 214-229.
- Davidson, James D.** 1998. “Why Churches Cannot Endorse or Oppose Political Candidates.” *Review of Religious Research* **40** (September): 16-34.
- Davidson, Jon, Bruce Charlier, John M. Hora, & Rebecca Perlroth.** 2005. “Mineral isochrons and isotopic fingerprinting: Pitfalls and promises.” *Geology* **33** (January): 29-32.
- Davidson, Lance A.** 2012. “No strings attached: new insights into epithelial morphogenesis.” *BMC Biology* (online @ biomedcentral.com) **10** (20 December): 105.
- Davidson, Lance A., Sagar D. Joshi, Hye Young Kim, Michelangelo von Dassow, Lin Zhang, & Jian Zhou.** 2010. “Emergent morphogenesis: elastic mechanics of a self-deforming tissue.” *Journal of Biomechanics* **43** (5 January): 63-70.

- Davidson, Lance A., Michelangelo von Dassow, & Jian Zhou.** 2009. “Multi-scale mechanics from molecules to morphogenesis.” *The International Journal of Biochemistry & Cell Biology* **41** (November): 2147-2162.
- Davidson, Lawrence.** 2013. “Fundamentalists Christians, Science, and the Democracy.” *Logos* **12** (Spring): online text accessed 6/16/2013 (logosjournal.com).
- Davidson College.* 2003. “The Cephalopod Eye.” Animal Physiology class project posting (online text at www.bio.davidson.edu accessed 2/27/2011).
- Davies, G., A. Tenesa, A. Payton, J. Yang, S. E. Harris, D. Liewald, X. Ke, S. Le Hellard, A. Christoforou, M. Luciano, K. McGhee, L. Lopez, A. J. Gow, J. Corley, P. Redmond, H. C. Fox, P. Haggarty, L. J. Whalley, G. McNeill, M. E. Goddard, T. Espeseth, A. J. Lundervold, I. Reinvang, A. Pickles, V. M. Steen, W. Ollier, D. J. Porteous, M. Horan, J. M. Starr, N. Pendleton, P. M. Visscher, & I. J. Deary.** 2011. “Genome-wide association studies establish that human intelligence is highly heritable and polygenic.” *Molecular Psychiatry* **16** (October): 996-1005.
- Davies, Julian, & Dorothy Davies.** 2010. “Origins and Evolution of Antibiotic Resistance.” *Microbiology and Molecular Biology Reviews* **74** (September): 417-433.
- Davies, Julian, Walter Gilbert, & Luigi Gorini.** 1964. “Streptomycin, Suppression, and the Code.” *Proceedings of the National Academy of Sciences* **51** (1 May): 883-890.
- Davies, Kalina T. J., Ibnu Maryanto, & Stephen J. Rossiter.** 2013. “Evolutionary origins of ultrasonic hearing and laryngeal echolocation in bats inferred from morphological analyses of the inner ear.” *Frontiers in Zoology* (online @ frontiersinzoology.com) **10** (30 January): 2.
- Davies, Kyle L.** 1987. “Duck-bill Dinosaurs (Hadrosauridae, Ornithischia) from the North Slope of Alaska.” *Journal of Paleontology* **61** (January): 198-200.
- Davies, L. M.** 1944. “Age of the Saline Series in the Salt Range of the Punjab.” *Nature* **154** (8 July): 53-54.
- Davies, Nicholas B., & Justin A. Welbergen.** 2009. “Social Transmission of a Host Defense Against Cuckoo Parasitism.” *Science* **324** (5 June): 1318-1320.
- Davies, Nigel.** 1979. *Voyagers to the New World*. New York: William Morrow & Co.
- Davies, Paul.** 1983. *God and the New Physics*. Pb ed. New York: Touchstone.
- . 1992. *The Mind of God: The Scientific Basis for a Rational World*. Pb ed. New York: Touchstone.
- . 1999. *The Fifth Miracle: The Search for the Origin and Meaning of Life*. New York: Simon & Schuster.
- . 2007. *Cosmic Jackpot: Why Our Universe Is Just Right for Life*. Boston: Houghton Mifflin Company.
- . 2010. *The Eerie Silence: Renewing Our Search for Alien Intelligence*. Boston: Houghton Mifflin Company.
- Davies, P. C. W., Tamara M. Davis, & Charles H. Lineweaver.** 2002. “Black holes constrain varying constants.” *Nature* **418** (8 August): 602-603.
- Davies, Peter L., Jason Baarsnes, Michael J. Kuiper, & Virginia K. Walker.** 2002. “Structure and function of antifreeze proteins.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **337** (29 July): 927-935.
- Davies, Roy.** 2008. *The Darwin Conspiracy: Origins of a Scientific Crime*. London: Goldensquare Books.
- Davies, Simon.** 2014. “The Evolutionary Tree of Myth & Religion v1.0.” *Believers non Believers* posting (online jpg at believersnonbelievers.files.wordpress.com accessed 9/15/2014).
- Davies, T. Jonathan, Timothy G. Barraclough, Mark W. Chase, Pamela S. Soltis, Douglas E. Soltis, & Vincent Savolainen.** 2004. “Darwin’s abominable mystery: Insights from a supertree of the angiosperms.” *Proceedings of the National Academy of Sciences* **101** (17 February): 1904-1909.
- Davies, William.** 2014. “The time of the last Neanderthals.” *Nature* **512** (21 August): 260-261.
- Davila, Jaime I., Maria P. Arrieta-Montiel, Yashitola Wamboldt, Jun Cao, Jorg Hagman,**

- Vikas Shedge, Ying-Zhi Xu, Detlef Weigel, & Sall A. Mackenzie.** 2011. “Double-strand break repair processes drive evolution of the mitochondrial genome in Arabidopsis.” *BMC Biology* (online @ biomedcentral.com) **9** (27 September): 64.
- Davila, Jim.** 2003. “Does the Talmud Prove the Gospel of Matthew to be Early?” *PaleoJudaica* 14 December posting (online text at *paleojudaica.blogspot.com* accessed 1/7/2004).
- Dávila López, Marcela, Juan José Martínez Guerra, & Tore Samuelsson.** 2010. “Analysis of Gene Order Conservation in Eukaryotes Identifies Transcriptionally and Functionally Linked Genes.” *PLoS ONE* **5** (May): e10654.
- Dávila López, Marcela, Magnus Alm Rosenblad, & Tore Samuelsson.** 2008. “Computational screen for spliceosomal RNA genes aids in defining the phylogenetic distribution of major and minor spliceosomal components.” *Nucleic Acids Research* **36** (May #9): 3001-3010.
- Davis, Andrew M.** 2011. “Stardust in meteorites.” *Proceedings of the National Academy of Sciences* **108** (29 November): 19142-19146.
- Davis, Bill, & Deborah Davis.** 1985. “Former leaders of the Children of God find newness of life in Christ.” *Fundamentalist Journal* **4** (October): 22-24.
- Davis, Brad H., Art F. Y. Poon, & Michael C. Whitlock.** 2009. “Compensatory mutations are repeatable and clustered within proteins.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 May): 1823-1827.
- Davis, Brian K.** 2002. “Molecular evolution before the origin of species.” *Progress in Biophysics and Molecular Biology* **79** (May-July): 77-133.
- Davis, Brian M.** 2007. “A revision of ‘pediomyid’ marsupials from the Late Cretaceous of North America.” *Acta Palaeontologica Polonica* **52** (2): 217-256.
- . 2011. “Evolution of the Tribosphenic Molar Pattern in Early Mammals, with Comments on the ‘Dual-Origin’ Hypothesis.” *Journal of Mammalian Evolution* **18** (December): 227-244.
- . 2012. “Micro-computed tomography reveals a diversity of Peramuran mammals from the Purbeck Group (Berriasian) of England.” *Palaeontology* **55** (July): 789-817.
- Davis, Brian M., & Richard L. Cifelli.** 2011. “Reappraisal of the tribosphenidan mammals from the Trinity Group (Aptain-Albian) of Texas and Oklahoma.” *Acta Palaeontologica Polonica* **56** (3): 441-462.
- Davis, Charles C., & William R. Anderson.** 2010. “A complete generic phylogeny of Malpighiaceae inferred from nucleotide sequence data and morphology.” *American Journal of Botany* **97** (December): 2031-2048.
- Davis, Charles C., Charles D. Bell, Sarah Mathews, & Michael J. Donoghue.** 2002. “Laurasian migration explains Gondwanan disjunctions: Evidence from Malpighiaceae.” *Proceedings of the National Academy of Sciences* **99** (14 May): 6833-6837.
- Davis, Charles C., Peter W. Fritsch, Charles D. Bell, & Sarah Mathews.** 2004. “High-Latitude Tertiary Migrations of an Exclusive Tropical Clade: Evidence from Malpighiaceae.” *International Journal of Plant Sciences* **165** (July Supplement): S107-S121.
- Davis, Charles C., Hanno Schaefer, Zhenxiang Xi, David A. Baum, Michael C. Donoghue, & Luke J. Harmon.** 2014. “Long-term morphological stasis maintained by a plant-pollinator mutualism.” *Proceedings of the National Academy of Sciences* **111** (22 April): 5914-5919.
- Davis, Charles C., Zhenxiang Xi, & Sarah Mathews.** 2014. “Plastid phylogenomics and green plant phylogeny: almost full circle but not quite there.” *BMC Biology* (online @ biomedcentral.com) **12** (17 February): 11.
- Davis, David Brion.** 1984. *Slavery and Human Progress*. New York: Oxford University Press.
- . 2006. *Inhuman Bondage: The Rise and Fall of Slavery in the New World*. Oxford: Oxford University Press.
- Davis, Donald W.** 2008. “Sub-million-year age resolution of Precambrian igneous events by thermal extraction-thermal ionization mass spectrometer Pb dating of zircon: Application to crystallization of the Sudbury impact melt sheet.” *Geology* **36** (May): 383-386.
- Davis, Edward B.** 1999. “Edward Davis Replies.” *Reports of the National Center for Science Education* **19** (July-August): 25-26.

- . 2005. “Science and Religious Fundamentalism in the 1920s.” *American Scientist* **93** (May-June): 253-260.
- . 2009. “Myth 13: That Isaac Newton’s Mechanistic Cosmology Eliminated the Need for God,” in *Numbers* (2009a, 115-122).
- Davis, Edward B., & Michael P. Winship.** 2002. “Early Modern Protestantism,” in Ferngren (2002, 117-129).
- Davis, George E., Kayla J. Bayless, & Anil Mavila.** 2002. “Molecular Basis of Endothelial Cell Morphogenesis in Three-Dimensional Extracellular Matrices.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 252-275.
- Davis, George H.** 1975. “Gravity-induced folding off a gneiss dome complex, Rincon Mountain, Arizona.” *The Geological Society of America GSA Bulletin* **86** (July): 979-990.
- . 1980. “Structural characteristics of metamorphic core complexes, southern Arizona.” *The Geological Society of America Memoirs* **153**: 35-77.
- . 1987. “A shear-zone model for the structural evolution of metamorphic core complexes in southeastern Arizona.” *Geological Society, London, Special Publications* **28**: 247-266.
- Davis, G. H., K. N. Constenius, E. P. R. Ornelas, & L. J. Cox.** 2011. “Structural-Geologic Map Relationships in the Salcito Ranch Area, Rincon Mountains, Southern Arizona.” Arizona Geological Survey *Contributed Report* (March) CR-11-C (online pdf at www.azgs.az.gov accessed 6/16/2015).
- Davis, G. H., G. J. Eliopoulos, E. G. Frost, R. C. Goodmundson, R. B. Knapp, R. B. Liming, M. M. Swan, & J. C. Wynn.** 1974. “Recumbent folds—focus of an investigative workshop in tectonics.” *Journal of Geological Education* **22**: 204-208.
- Davis, G. H., & C. H. Thorman.** 1977. “Gravity-induced folding off a gneiss dome complex, Rincon Mountain, Arizona: Discussion and reply.” *The Geological Society of America GSA Bulletin* **88** (August): 1211-1216.
- Davis, Glenn.** 2011. “Bill Maher Debates Climate Change With GOP Politician, Turns It Into Heated Evolution Debate.” *Mediaite* 29 January posting (online text at www.mediaite.com accessed 2/10/2011).
- Davis, James.** 2014. “Atheist activist in a foxhole.” *Freethought Today* **31** (April): 15.
- Davis, Jamie K., Josh J. Lowman, Pamela J. Thomas, Boudewijn F. H. ten Hallers, Maxim Koriabine, Lynn Y. Huynh, Donna L. Maney, Pieter J. de Jong, Christa L. Martin, NISC Comparative Sequencing Program, & James W. Thomas.** 2010. “Evolution of a Bitter Taste Receptor Gene Cluster in a New World Sparrow.” *Genome Biology and Evolution* **2** (21 May): 358-370.
- Davis, John Jefferson.** 1999a. “Response to Paul Nelson and John Mark Reynolds,” in Moreland & Reynolds (1999, 80-84).
- . 1999b. “Response to Robert C. Newman,” in Moreland & Reynolds (1999, 137-141).
- Davis, Kay, & Buddy Davis.** 2014. “Hippo.” *Answers in Genesis* “Kids answers” 19 August updated posting (online text at www.answersingenesis.org accessed 10/18/2014).
- Davis, Kingsley.** 1974. “The Migrations of Human Populations.” *Scientific American* **231** (September): 92-105.
- . 1986. “Low Fertility in Evolutionary Perspective.” *Population and Development Review* **12** (Supplement): 48-65.
- Davis, Lauren.** 2012. “Jim Bakker’s Christian amusement park is now a post-apocalyptic ghost town.” *io9* 5 February posting (online text at io9.gizmodo.com accessed 7/7/2016).
- Davis, Luther, & Nancy Maizels.** 2014. “Homology-directed repair of DNA nicks via pathways distinct from canonical double-strand break repair.” *Proceedings of the National Academy of Sciences* **111** (11 March): E924-E932.
- Davis, Marc, Piet Hut, & Richard A. Muller.** 1984. “Extinction of species by periodic comet showers.” *Nature* **308** (19 April): 715-717.
- Davis, Marcus C., Randall D. Dahn, & Neil H. Shubin.** 2007. “An autopodial-like pattern of Hox expression in the fins of a basal actinopterygian fish.” *Nature* **447** (24 May): 473-476.
- Davis, Matthew P., John S. Sparks, & W. Leo Smith.** 2016. “Repeated and Widespread Evolution of Bioluminescence in Marine Fishes.” *PLoS ONE* (online @ plosone.org) **11**

(June): e0155154.

- Davis, Oliver S. P., Gavin Band, Matti Pirinen, Claire M. A. Haworth, Emma L. Meaburn, Yulia Kovas, Nicole Harlaar, Sophia J. Docherty, Ken B. Hanscombe, Maciej Trzaskowski, Charles J. C. Curtis, Amy Strange, Colin Freeman, Céline Bellenguez, Zhan Su, Richard Pearson, Damjan Vukcevic, Cordelia Langford, Panos Deloukas, Sarah Hunt, Emma Gray, Serge Dronov, Simon C. Potter, Avazeh Tashakkori-Ghanbaria, Sarah Edkins, Suzannah J. Bumpstead, Jenefer M. Blackwell, Elvira Bramon, Matthew A. Brown, Juan P. Casas, Aiden Corvin, Audrey Duncanson, Janusz A. Z. Jankowski, Hugh S. Markus, Christopher G. Mathew, Colin N. A. Palmer, Anna Rautanen, Stephen J. Sawcer, Richard C. Trembath, Ananth C. Viswanathan, Nicholas W. Wood, Ines Barroso, Leena Peltonen, Philip S. Dale, Stephen A. Petrill, Leonard S. Schalkwyk, Ian W. Craig, Cathryn M. Lewis, Thomas S. Price, The Welcome Trust Case Control Consortium 2, Peter Donnelly, Robert Plomin, & Chris C. A. Spencer.** 2014. “The correlation between reading and mathematics ability at age twelve has a substantial genetic component.” *Nature Communications* (online @ nature.com) **5** (8 July): 4204.
- Davis, Percival, & Dean H. Kenyon.** 1989. *Of Pandas and People: The Central Question of Biological Origin*. Dallas, TX: Houghton Publishing Co.
- . 1993. *Of Pandas and People: The Central Question of Biological Origin*. 2nd ed. Dallas, TX: Houghton Publishing Co.
- Davis, Peter, Mike Williams, & Karl Karlstrom.** 2011. “Structural evolution and timing of deformation along the Proterozoic Spring Creek Shear Zone of the northern Tusas Mountains, New Mexico.” New Mexico Geological Society Guidebook *Geology of the Tusas Mountains – Ojo Caliente*: 177-190.
- Davis, Robert B., David B. Nicholson, Emily L. R. Saunders, & Peter J. Mayhew.** 2011. “Fossil gaps inferred from phylogenies alter the apparent nature of diversification in dragonflies and their relatives.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (14 September): 252.
- Davis, Rowenna.** 2011. “London imam subjected to death threats for supporting evolution.” *The Guardian* posting 6 March (online text at guardian.co.uk accessed 3/13/2011).
- Davis, Samuel P., John A. Finarelli, & Michael I. Coates.** 2012. “*Acanthodes* and shark-like conditions in the last common ancestor of modern gnathostomes.” *Nature* **486** (14 June): 247-250.
- Davis, Sean.** 2014a. “Climate Change Is Real. Too Bad Accurate Climate Models Aren’t.” *The Federalist* 6 May (online text at salon.com accessed 9/18/2014).
- . 2014b. “Super Scientist Neil deGrasse Tyson Doesn’t Understand Statistics.” *The Federalist* 10 September (online text at salon.com accessed 9/18/2014).
- . 2014c. “Did Neil deGrasse Tyson Just Try To Justify Blatant Quote Fabrication?” *The Federalist* 15 September (online text at salon.com accessed 9/18/2014).
- . 2014d. “Another Day, Another Quote Fabricated By Neil deGrasse Tyson.” *The Federalist* 16 September (online text at salon.com accessed 9/18/2014).
- Davis, Steven R., & Michael S. Engel.** 2010. “Antiquity and Evolution of Prosternal Horns in Baridine Weevils (Coleoptera: Curculionidae).” *Journal of Paleontology* **84** (September): 918-926.
- Davis, Tom.** 2001. “The Credibility of Evolution.” *The Mathematical Intelligencer* **23** (September): 4-5.
- Davis, Tom (a).** 2012. “Religious Liberty...For Bishops.” *Religion Dispatches* 15 February posting (online text at religiondispatches.org accessed 2/17/2012).
- Davis, W. Sumner.** 2002. “Noah and his Ark: A critical examination.” *The Skeptic Report* 1 December posting (online text at www.skepticreport.com accessed 1/23/2014).
- Davis, William C.** 1987. *Brother Against Brother: The War Begins*. Rev. ed. of *The Civil War* series Vol. 1 (1983). Alexandria, VA: Time-Life Books.
- Davison, Angus, & Mark Blaxter.** 2005. “Ancient Origin of Glycosyl Hydrolase Family 9 Cellulase Genes.” *Molecular Biology and Evolution* **22** (May): 1273-1284.
- Davison, Gordon E.** 1996. “Are There 800 Billion Vertebrate Fossils Buried in the Karoo

- Formation?” *Creation Research Society Quarterly* **32** (March): 201.
- Davison, John A.** 2005. “A Prescribed Evolutionary Hypothesis.” *Theoretical Biology Forum* (AKA *Rivista di Biologia—Biology Forum*) **98**: 155-166.
- Davis-Stober, Clinton P., Sanghyuk Park, Nicholas Brown, & Michel Regenwetter.** 2016. “Reported violations of rationality may be aggregation artifacts.” *Proceedings of the National Academy of Sciences* **113** (16 August): E4761-E4763.
- Davit-Béal, Tiphaine, Abigail S. Tucker, & Jean-Yves Sire.** 2009. “Loss of teeth and enamel in tetrapods: fossil record, genetic data and morphological adaptations.” *Journal of Anatomy* **214** (April): 477-501.
- Dawes, Christopher T., Peter John Loewen, Darren Schreiber, Alan N. Simmons, Taru Flagan, Richard McElreath, Scott E. Bokemper, James H. Fowler, & Martin P. Paulus.** 2012. “Neural basis of egalitarian behavior.” *Proceedings of the National Academy of Sciences* **109** (24 April): 6479-6483.
- Dawkins, Marian Stamp.** 2000. “Animal minds and animal emotions.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 883-888.
- Dawkins, Richard.** 1982. *The Extended Phenotype: The Long Reach of the Gene*. 1989 pb ed. Oxford: Oxford University Press.
- . 1986. *The Blind Watchmaker: Why the Evidence of Evolution Reveals a Universe Without Design*. 1996 pb ed. New York: W. W. Norton & Co.
- . 1989. *The Selfish Gene*. Rev. ed. of 1976 work. Oxford: Oxford University Press.
- . 1991. *Growing Up in the Universe*. 2007 DVD of BBC *Royal Institution Christmas Lecture* telecast, produced by Richard Dawkins Foundation.
- . 1994. “The eye in a twinkling.” *Nature* **368** (21 April): 690-691.
- . 1995a. “Reply to Michael Poole.” *Templeton Foundation Science & Christian Belief* **7** (1): 45-50.
- . 1995b. *River Out of Eden: A Darwinian View of Life*. New York: Basic Books.
- . 1996. *Climbing Mount Improbable*. New York: W. W. Norton & Co.
- . 1997a. “Science, Delusion and the Appetite for Wonder.” *Reports of the National Center for Science Education* **17** (January-February): 8-14.
- . 1997b. “Errors of Omission.” *Boston Review* **22** (February/March): online text accessed 2/15/2002 (bostonreview.net).
- . 1997c. “Human Chauvinism.” *Evolution* **51** (June): 1015-1020.
- . 1998a. “Science, Delusion, and the Appetite for Wonder.” *Skeptical Inquirer* **22** (March/April): 28-33, 58.
- . 1998b. *Unweaving the Rainbow: Science, Delusion and the Appetite for Wonder*. Boston: Houghton Mifflin Company.
- . 2002a. “Young Earth Creationists teach bad science and worse religion.” *London Telegraph* posting 18 March: online text accessed 3/3/2003 (portal.telegraph.co.uk).
- . 2002b. “Letter to William Dembski.” Ohio Citizens for Science August *Evolutionary Intelligence* letter posting (online text at ecology.cwru.edu/ohioscience/ accessed 8/8/2002, not available as of 2/11/2014).
- . 2003. *A Devil’s Chaplain: Reflections on Hope, Lies, Science, and Love*. 2004 pb ed. Boston: Mariner Books.
- . 2006a. “Why I Won’t Debate Creationists.” *The Richard Dawkins Foundation* 14 May posting (online text at old.richarddawkins.net accessed 3/24/2013).
- . 2006b. *Root of All Evil?* Extended DVD edition of Channel 4 (UK) telecast, produced by Richard Dawkins Foundation.
- . 2006c. *The God Delusion*. 2008 pb ed. Boston: Mariner Books.
- . 2007a. “Inferior Design.” *The New York Times* posting 1 July: online text accessed 8/14/2014 (www.nytimes.com).
- . 2007b. “The ‘Information Challenge.’” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 11/28/2011).
- . 2008a. “Gods and earthlings.” *Los Angeles Times* posting 18 April: online text accessed 5/15/2008 (www.latimes.com).

- . 2008b. *The Genius of Charles Darwin*. IWC Media DVD produced by Rachel Bell.
- . 2009a. “Dawkins on Darwin.” *The Times Literary Supplement Times Online* posting 11 February accessed 2/17/2009 (entertainment.timesonline.co.uk).
- . 2009b. *The Greatest Show on Earth: The Evidence for Evolution*. 2010 pb ed. New York: The Free Press.
- . 2010a. “Atheist doctors ‘more likely to hasten death’ - Comments.” *The Richard Dawkins Foundation* 26 August posting (online text at richarddawkins.net accessed 3/27/2012).
- . 2010b. “George C. Williams (1926-2010).” *Science* **330** (1 October): 49.
- . 2011a. “Should employers be blind to private beliefs?” *The Richard Dawkins Foundation* 24 January posting (online text at richarddawkins.net accessed 8/16/2012).
- . 2011b. *The Magic of Reality: How We Know What’s Really True*. New York: The Free Press.
- . 2012a. “The descent of Edward Wilson.” *Prospect* (June) 24 May posting: online text accessed 11/6/2014 (www.prospectmagazine.co.uk).
- . 2012b. “Emperor Has No Clothes Award acceptance speech: Dawkins instructs crowd on Mormons, metaphors.” *Freethought Today* **29** (November): 11-13.
- . 2013. “Child Abuse: a misunderstanding. w/Polish translation.” *RichardDawkins.net* 12 September posting (online text at richarddawkins.net accessed 7/29/2014).
- Dawkins, Richard, & Jerry Coyne.** 2005. “One side can be wrong.” *The Guardian* posting 1 September (online text at guardian.co.uk accessed 12/28/2010).
- Dawkins, Richard, & Steve Jones.** 2008. “Would you Adam and Eve It? Quarter of science teachers would teach creationism.” *RichardDawkins.net* posting of *The Guardian* 23 December article (online text at richarddawkins.net accessed 6/3/2009).
- Dawkins, R., & J. R. Krebs.** 1979. “Arms races between and within species.” *Proceedings of the Royal Society of London B* (Biological Sciences) **205** (21 September): 489-511.
- Dawkins, Richard, & Steven Pinker.** 1999. “Is Science Killing the Soul?” *EDGE* 8 April “EDGE 53” discussion chaired by Tim Radford (online text accessed 12/30/2014 at edge.org).
- Dawson, James P.** 1998. “Creation and Evolution.” *Dawson* posting (online text at www.drjpdawson.com accessed 1/11/2014).
- . 2000. “Oral History Transcript.” *NASA Johnson Space Center Oral History Project* posting of 9 November Dawson interview by Chick Bergen (online pdf at www.jsc.nasa.gov accessed 1/11/2014).
- Dawson, Mary R., Laurent Marivaux, Chuan-kui Li, K. Christopher Beard, & Grégoire Métais.** 2006. “*Laonastes* and the ‘Lazarus Effect’ in Recent Mammals.” *Science* **311** (10 March): 1456-1458.
- Dawson, Neal V., & Frederick Gregory.** 2009. “Correspondence in science: A brief historical perspective.” *Judgment and Decision Making* **4** (March): 126-133.
- Dawson, W. Bell.** 1937. “Evolution and Its Danger.” *The Evangelical Student* **XII** (April): 13-14.
- Daxner-Höck, Gudrun.** 2004. “Flying Squirrels (Pteromyinae, Mammalia) from the Upper Miocene of Austria.” *Annalen des Naturhistorischen Museums in Wien* **106** (November): 387-423.
- Day, Alfred Ely.** 1915a. “Dragon.” *International Standard Bible Encyclopedia* posting (online text at www.bible-history.com accessed 9/7/2013).
- . 1915a. “Jackal.” *International Standard Bible Encyclopedia* posting (online text at www.biblestudytools.com accessed 9/7/2013).
- Day, James M.** 2016. “Extraordinary world.” *Nature* **537** (15 September): 310-311.
- Day, Jed.** 1998. “Distribution of latest Givetian-Frasnian Atrypida (Brachiopoda) in central and western North America.” *Acta Palaeontologica Polonica* **43** (2): 205-240.
- Day, Jed, & Paul Copper.** 1998. “Revision of latest Givetian-Frasnian Atrypida (Brachiopoda) from central North America.” *Acta Palaeontologica Polonica* **43** (2): 155-204.
- Day, Jed, & Jeffrey Over.** 2002. “Post-extinction survivor fauna from the lowermost Famennian

- of eastern North America.” *Acta Palaeontologica Polonica* **47** (2): 189-202.
- Day, Jerry L.** 2000. “The Search for Noah’s Ark in the Science Curriculum?” *Reports of the National Center for Science Education* **20** (January-April): 7.
- Day, Michael O., Saniye Güven, Fernando Abdala, Sifelani Jirah, Bruce Rubidge, & John Almond.** 2015. “Youngest dinocephalian fossils extend the *Tapinocephalus* Zone, Karoo Basin, South Africa.” *South African Journal of Science* (online @ www.scielo.org.za) **111** (March/April): 2014-0309.
- Day, Richard.** 2013. “Science Standards Advance, Cothran Whines.” *Kentucky School News and Commentary* 9 August posting (online text at *theprincipial.blogspot.com* accessed 9/18/2013).
- Dayel, Mark J., Rosanna A. Alegado, Stephen R. Fairclough, Tara C. Levin, Scott A. Nichols, Kent McDonald, & Nicole King.** 2011. “Cell differentiation and morphogenesis in the colony-forming choanoflagellate *Salpingoeca rosetta*.” *Developmental Biology* **357** (1 September): 73-82.
- Dayrat, Benoît.** 2003. “The Roots of Phylogeny: How Did Haeckel Build His Trees?” *Systematic Biology* **52** (August): 515-527.
- Dayrat, Benoît, Michele Conrad, Shaina Balayan, Tracy R. White, Christian Albrecht, Rosemary Golding, Suzete R. Gomes, M. G. Harasewych, & António Manuel de Frias Martins.** 2011. “Phylogenetic relationships and evolution of pulmonate gastropods (Mollusca): New insights from increased taxon sampling.” *Molecular Phylogenetics and Evolution* **59** (May): 425-437.
- Dayrat, B., & S. Tillier.** 2002. “Evolutionary relationships of euthyneuran gastropods (Mollusca): a cladistic re-evaluation of morphological characters.” *Zoological Journal of the Linnean Society* **135** (August): 403-470.
- Dayraud, Cyrielle, Alexandre Alié, Muriel Jager, Patrick Chang, Hervé Le Guyader, Michaël Manuel, & Eric Quéinnec.** 2012. “Independent specilisation of myosin II paralogues in muscle vs. non-muscle functions during early animal evolution: a ctenophore perspective.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **12** (2 July): 107.
- Dayton, Leigh.** 2001. “Mass Extinctions Pinned on Ice Age Hunters.” *Science* **292** (8 June): 1819.
- Dayton, Leigh, & Lex Hall.** 2010. “Oldest rock painting showed megafauna.” *The Australian* posting 1 June: online text accessed 6/16/2010 (*www.theaustralian.com.au*).
- Dayton, Paul K., Stacy Kim, Shannon C. Jarrell, John S. Oliver, Kamille Hammerstrom, Jennifer L. Fisher, Kevin O’Connor, Julie S. Barber, Gordon Robilliard, James Barry, Andrew R. Thurber, & Kathy Conland.** 2013. “Recruitment, Growth and Mortality of an Antarctic Hexactinellide Sponge, *Anoxycalyx joubini*.” *PLoS ONE* (online @ plosone.org) **8** (February): e56939.
- Daza, Juan D., Virginia Abdala, J. Salvador Arias, Daniel García-López, & Pablo Ortiz.** 2012. “Cladistic Analysis of Iguania and a Fossil Lizard from the Late Pliocene of Northwestern Argentina.” *Journal of Herpetology* **46** (March): 104-119.
- Daza, Juan D., Aaron M. Bauer, Philipp Wagner, & Wolfgang Böhme.** 2013. “A reconsideration of *Sphaerodactylus dommeli* Böhme, 1984 (Squamata: Gekkota: Sphaerodactylidae), a Miocene lizard in amber.” *Journal of Zoological Systematics and Evolutionary Research* **51** (February): 55-63.
- Daza, Juan D., Edward L. Stanley, Philipp Wagner, Aaron M. Bauer, & David A. Grimaldi.** 2016. “Mid-Cretaceous amber fossils illuminate the past diversity of tropical lizards.” *Science Advances* **2** (4 March): e1501080 (online at *sciencemag.org*).
- D’Costa, Vanessa M., Christine E. King, Lindsay Kalan, Mariya Morar, Wilson W. L. Sung, Carsten Schwarz, Duane Froese, Grant Zazula, Fabrice Calmels, Regis Debruyne, G. Brian Golding, Hendrick N. Poinar, & Gerard D. Wright.** 2011. “Antibiotic resistance is ancient.” *Nature* **477** (22 September): 457-461.
- De, Sandip, & Judith A. Kassis.** 2017. “Passing epigenetic silence to the next generation.” *Science* **356** (7 April): 28-29.
- De, Subhajyoti, & M. Madan Babu.** 2010. “A time-invariant principle of genome evolution.”

- Proceedings of the National Academy of Sciences* **107** (20 July): 13004-13009.
- Deacon, Brett J., Amanda M. Vincent, & Annie R. Zhang.** 2013. "Lutheran clergy members' responses to scrupulosity: The effects of moral thought-action fusion and liberal vs. conservative denomination." *Journal of Obsessive-Compulsive and Related Disorders* **2** (April): 71-77.
- Deacon, Terrence W.** 2012. *Incomplete Nature: How Mind Emerged from Matter*. New York: W. W. Norton & Co.
- De Aguiar, M. A. M., M. Baranger, E. M. Baptestini, L. Kaufman, & Y. Bar-Yam.** 2009. "Global patterns of speciation and diversity." *Nature* **460** (16 July): 384-387.
- Deakin, Janine E., Margaret I. Delbridge, Edda Koina, Nerida Harley, Amber E. Alsop, Chenwei Wang, Vidushi S. Patel, & Jennifer A. Marshall Graves.** 2013. "Reconstruction of the ancestral marsupial karyotype from comparative gene maps." *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (21 November): 258.
- Deakin, Michael A. B.** 1994. "Hypatia and Her Mathematics." *The American Mathematical Monthly* **101** (March): 234-243.
- De Almeida, Ana Maria Rocha, Roxana Yockteng, James Schnable, Elena R. Alvarez-Buylla, Michael Freeling, & Chelsea D. Specht.** 2014. "Co-option of the polarity gene network shapes filament morphology in angiosperms." *Scientific Reports* (online @ www.nature.com/srep/) **4** (29 August): 6194.
- Deamer, David W.** 1997. "The First Living Systems: a Bioenergetic Perspective." *Microbiology and Molecular Biology Reviews* **61** (June): 239-261.
- . 1999. "How Dit It All Begin? The Self-Assembly of Organic Molecules and the Origin of Cellular Life." Posting of Palaeontological Society Special Publication *Evolution: Investigating the Evidence* article (online text at www.ucmp.berkeley.edu accessed 2/21/2016).
- Deamer, David, Jason P. Dworkin, Scott A. Sandford, Max P. Bernstein, & Louis J. Allamandola.** 2002. "The First Cell Membranes." *Astrobiology* **2** (Winter): 371-381.
- Deamer, David, Sara Singaram, Sudha Rajamani, Vladimir Kompanichenko, & Stephen Guggenheim.** 2006. "Self-assembly processes in the prebiotic environment." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1809-1818.
- Deamer, David, & Arthur L. Weber.** 2010. "Bioenergetics and Life's Origins." *Cold Spring Harbor Perspectives in Biology* **2** (February): a004929.
- Dean, Antony M., & G. Brian Golding.** 1997. "Protein engineering reveals ancient adaptive replacements in isocitrate dehydrogenase." *Proceedings of the National Academy of Sciences* **94** (1 April): 3104-3109.
- Dean, Antony M., Claudia Neuhauser, Elise Grenier, & G. Brian Golding.** 2002. "The Pattern of Amino Acid Replacements in α/β -Barrels." *Molecular Biology and Evolution* **19** (November): 1846-1864.
- Dean, Christopher.** 2000. "Progress in understanding hominoid dental development." *Journal of Anatomy* **197** (July): 77-101.
- Dean, Christopher, Isabelle De Grotte, & Chris Stringer.** 2016. "Arthur Smith Woodward and his involvement in the study of human evolution." *Geological Society, London, Special Publications* **430**: 321-335.
- Dean, Christopher, Meave G. Leakey, Donald Reid, Friedemann Schrenk, Gary T. Schwartz, Christopher Stringer, & Alan Walker.** 2001. "Growth processes in teeth distinguish modern humans from *Homo erectus* and earlier hominins." *Nature* **414** (6 December): 628-631.
- Dean, Cornelia.** 2005. "Evolution Takes a Back Seat in U.S. Classes." *The New York Times* posting 1 February: online text accessed 1/31/2011 (www.nytimes.com).
- . 2006. "Scientists Endorse Candidate Over Teaching of Evolution." *The New York Times* posting 26 October: online text accessed 2/25/2014 (www.nytimes.com).
- . 2007. "Believing Scripture but Playing by Science's Rules." *The New York Times* posting 12 February: online text accessed 9/17/2014 (www.nytimes.com).

- Dean, Dennis R.** 2009. "Benjamin Franklin and geology." *The Geological Society of America Memoirs* **203**: 209-223.
- Dean, Geoffrey.** 2002. "Is the Mars Effect a Social Effect?" *Skeptical Inquirer* **26** (May/June): 33-38.
- . 2003. "Response to Ertel." *Skeptical Inquirer* **27** (January/February): 59, 65.
- Dean, Geoffrey, & Arthur Mather.** 2000. "Sun Sign Columns: Response to an Invitation." *Skeptical Inquirer* **24** (September/October): 36-40.
- Dean, Jana.** 2014. "Carbon Matters: Middle school students get carbon cycle literate." *Rethinking Schools* **28** (Summer): online text accessed 7/17/2015 (www.rethinkingschools.org).
- Dean, Jeffrey.** 1980. "Encounters between bombardier beetles and two species of toads (*Bufo americanus*, *B. marinus*): Speed of prey-capture does not determine success." *Journal of Comparative Physiology* **135** (March): 41-50.
- Dean, J., D. J. Aneshansley, H. E. Edgerton, & T. Eisner.** 1990. "Defensive Spray of the Bombardier Beetle: A Biological Pulse Jet" *Science* **248** (8 June): 1219-1221.
- Dean, Kristy.** 1998. "Molecular Motors and Paddle Boats." Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **15** (November/December): 3.
- Dean, L. G., R. L. Kendal, S. J. Schapiro, B. Thierry, & K. N. Laland.** 2012. "Identification of the Social and Cognitive Processes Underlying Human Cumulative Culture." *Science* **335** (2 March): 1114-1118.
- Dean, M. Christopher.** 2006. "Tooth microstructure tracks the pace of life-history evolution." *Proceedings of the Royal Society of London B* (Biological Sciences) **273** (22 November): 2799-2808.
- . 2010. "Retrieving chronological age from dental remains of early fossil hominins to reconstruct human growth in the past." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 October): 3397-3410.
- Dean, M. Christopher, & Tim J. Cole.** 2013. "Human Life History Evolution Explains Dissociation between the Timing of Tooth Eruption and Peak Rates of Root Growth." *PLoS ONE* (online @ plosone.org) **8** (January): e54534.
- Dean, Samuel, Matthew K. Gould, Caroline E. Dewar, & Achim C. Schnauffer.** 2013. "Single point mutations in ATP synthase compensate for mitochondrial genome loss in trypanosomes." *Proceedings of the National Academy of Sciences* **110** (3 September): 14741-14746.
- De Andrade, Marco Brandalise, Richard Edmonds, Michael J. Benton, & Remmert Schouten.** 2011. "A new Berriasian species of Goniopholis (Mesoeucrocodylia, Neosuchia) from England, and a review of the genus." *Zoological Journal of the Linnean Society* **163** (December Supplement 1): S66-S108.
- DeAngelis, Paul L.** 2002. "Evolution of Glycosaminoglycans and Their Glycosyltransferases: Implications for the Extracellular Matrices of Animals and the Capsules of Pathogenic Bacteria." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 317-326.
- Dearden, Peter K., Cameron Donly, & Miodrag Grbić.** 2002. "Expression of pair-rule gene homologues in a chelicerate: early patterning of the two-spotted spider mite *Tetranychus urticae*." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **129** (December): 5461-5472.
- Deatherage, Daniel E., Jamie L. Kepner, Albert F. Bennett, Richard E. Lenski, & Jeffrey E. Barrick.** 2017. "Specificity of genome evolution in experimental populations of *Escherichia coli* evolved at different temperatures." *Proceedings of the National Academy of Sciences* **114** (7 March): E1904-E19128.
- Deaton, Angus.** 2014. "Inevitable inequality?" *Science* **344** (23 May): 783.
- De Baets, Kenneth, Christian Klug, & Dieter Korn.** 2011. "Devonian pearls and ammonoid-endoparasite co-evolution." *Acta Palaeontologica Polonica* **56** (1): 159-180.
- De Baets, Kenneth, Christian Klug, Dieter Korn, & Neil H. Landman.** 2012. "Early Evolutionary Trends in Ammonoid Embryonic Development." *Evolution* **66** (June): 1788-

1806.

- Debaille, V., Q.-Z. Yin, & Y. Amelin.** 2011. “The role of phosphates for the Lu-Hf chronology of meteorites.” Lunar and Planetary Institute posting of *Formation of the First Solids in the Solar System* paper 9066 (online pdf at www.lpi.usra.edu accessed 5/4/2015).
- De Bakker, Merijn A. G., Donald A. Fowler, Kelly den Oude, Esther M. Dondorp, M. Carmen Garrido Navas, Jaroslaw O. Horbanczuk, Jean-Yves Sire, Danuta Szczerbińska, & Michael K. Richardson.** 2013. “Digit loss in archosaur evolution and the interplay between selection and constraints.” *Nature* **500** (22 August): 445-448.
- Debas, Karen, Julie Carrier, Pierre Orban, Marc Barakat, Ovidiu Lungu, Gilles Vandewalle, Abdallah Hadj Tahar, Pierre Bellec, Avi Karni, Habib Benali, & Julien Doyon.** 2010. “Brain plasticity related to the consolidation of motor sequence learning and motor adaptation.” *Proceedings of the National Academy of Sciences* **107** (12 October): 17839-17844.
- Debets, Alfons J. M., Henk J. P. Dalstra, Marijke Slakhorst, Bertha Koopmanschap, Rolf F. Hoekstra, & Sven J. Saupe.** 2012. “High natural prevalence of a fungal prion.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10432-10437.
- Debiec, Jacek, & Regina Marie Sullivan.** 2014. “Intergenerational transmission of emotional trauma through amygdala-dependent mother-to-infant transfer of specific fear.” *Proceedings of the National Academy of Sciences* **111** (19 August): 12222-12227.
- Deblieux, Donald D., James I. Kirkland, Joshua A. Smith, Jennifer McGuire, & Vincent L. Santucci.** 2006. “An overview of the paleontology of Upper Triassic and Lower Jurassic rocks in Zion National Park, Utah.” *New Mexico Museum of History and Science Bulletin* **37**: 490-501.
- De Blij, H. J.** 1994. *Nature on the Rampage*. Washington, D.C.: Smithsonian Institution.
- De Bodt, Stefanie, Steven Maere, & Yves Van de Peer.** 2005. “Genome duplication and the origin of angiosperms.” *Trends in Ecology & Evolution* **20** (November): 591-597.
- De Boer, Erik J., Maria I. Vélez, Kenneth F. Rijdsdijk, Perry G. B. de Louw, Tamara J. J. Vernimmen, Petra M. Visser, Rik Tjallingii, & Henry Hooghiemstra.** 2015. “A deadly cocktail: How a drought around 4200 ca. yr BP caused mass mortality events at the infamous ‘dodo swamp’ in Mauritius.” *The Holocene* **25** (May): 758-771.
- DeBruine, Lisa M., Benedict C. Jones, Christopher D. Watkins, S. Craig Roberts, Anthony C. Little, Finlay G. Smith, & Michelle C. Quist.** 2011. “Opposite-sex siblings decrease attraction, but not prosocial attributions, to self-resembling opposite-sex faces.” *Proceedings of the National Academy of Sciences* **108** (12 July): 11710-11714.
- De Bruyn, Mark, Lukas Rüber, Stephan Nylander, Björn Stelbrink, Nathan R. Lovejoy, Sébastien Lavoué, Heok Hui Tan, Estu Nugroho, Daisy Wowor, Peter K. L. Ng, M. N. Siti Azizah, Thomas von Rintelen, Robert Hall, & Gary R. Carvalho.** 2013. “Paleo-Drainage Basin Connectivity Predicts Evolutionary Relationships across Three Southeast Asian Biodiversity Hotspots.” *Systematic Biology* **62** (May): 398-410.
- Debuyschere, M., E. Gheerbrant, & R. Allain.** 2015. “Earliest known European mammals: a review of the Morganucodonta from Saint-Nicholas-de-Port (Upper Triassic, France).” *Journal of Systematic Palaeontology* **13** (10): 825-855.
- De Camp, L. Sprague.** 1963. *The Ancient Engineers*. Garden City, NY: Doubleday.
- . 1970. *Lost Continents: The Atlantis Theme in History, Science, and Literature*. Rev. pb ed. of 1954 work. New York: Dover Publications, Inc.
- De Carvalho, Gledson Barbosa, & Glauber Barbosa de Carvalho.** 2011. “Duffy Blood Group System and the malaria adaptation process in humans.” *Revista Brasileira de Hematologia e Hemoterapia* **33** (1): 55-64.
- Deccan Herald.* 2010. “Xavier was aware of the brutality of the Inquisition.” *The New York Times* posting 12 August: online text accessed 11/26/2013 (www.nytimes.com).
- Dececchi, T. Alexander, & Hans C. E. Larsson.** 2011. “Assessing Arboreal Adaptations of Bird Antecedents: Testing the Ecological Setting of the Origin of the Avian Flight Stroke.” *PLoS ONE* (online @ plosone.org) **6** (August): e22292.
- . 2013. “Body and Limb Size Dissociation at the Origin of Birds: Uncoupling Allometric

- Constraints Across a Macroevolutionary Transition.” *Evolution* **67** (September): 2741-2752.
- Decechi, T. Alexander, Hans C. E. Larsson, & Michael B. Habib.** 2016. “The wings before the bird: an evaluation of flapping-based locomotory hypotheses in bird antecedents.” *PeerJ* (online @ peerj.com) **4** (7 July): 2159.
- DeCelles, P. G.** 2004. “Late Jurassic to Eocene evolution of the Cordilleran thrust belt and Foreland Basin System, western U.S.A.” *American Journal of Science* **304** (February): 105-168.
- Decety, Jean, Jason M. Cowell, Kang Lee, Randa Mahasneh, Susan Malcolm-Smith, Bilge Selcuk, & Xinyue Zhou.** 2015. “The Negative Association between Religiousness and Children’s Altruism across the World.” *Current Biology* **25** (16 November): 1-5.
- Decher, David.** 2013. “6 Terryfying Mutations With Awesome Historical Explanations.” *Cracked* 11 February posting (online text at www.cracked.com accessed 6/1/2014).
- Dechow, Paul C., Qian Wang, & Jill Peterson.** 2010. “Edentulation Alters Material Properties of Cortical Bone in the Human Craniofacial Skeleton: Functional Implications for Craniofacial Structure in Primate Evolution.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **293** (April): 618-629.
- DeChiara, Thomas M., & Jürgen Brosius.** 1987. “Neural BCl RNA: cDNA clones reveal nonrepetitive sequence content.” *Proceedings of the National Academy of Sciences* **84** (1 May): 2624-2628.
- Decin, L., M. Agúndez, M. J. Barlow, F. Daniel, J. Cernicharo, R. Lombaert, E. De Beck, P. Royer, B. Vandebussche, R. Wesson, E. T. Polehampton, J. A. D. L. Blommaert, W. De Meester, K. Exter, H. Feuchtgruber, W. K. Gear, H. L. Gomez, M. A. T. Groenewegen, M. Guélin, P. C. Hargrave, R. Huygen, P. Imhof, R. J. Ivison, C. Jean, & C. Kahane.** 2010. “Warm water vapour in the sooty outflow from a luminous carbon star.” *Nature* **467** (2 September): 64-67.
- Deckard, Steve.** 1996. “Planning and implementing a Creationist Based Field Trip.” Institute for Creation Research *Acts & Facts* (November): online text accessed 7/29/2015 (icr.org).
- Decker, Jared E., J. Chris Pires, Gavin C. Conant, Stephanie D. McKay, Michael P. Heaton, Kefei Chen, Alan Cooper, Johanna Vilkki, Christopher M. Seabury, Alexandre R. Caetano, Gary S. Johnson, Rick A. Brenneman, Olivier Hanotte, Lori S. Eggert, Pamela Wiener, Jong-Joo Kim, Kwan Suk Kim, Tad S. Sonstegard, Curt P. Van Tassell, Holly L. Neibergs, John C. McEwan, Rudiger Brauning, Luiz L. Coutinho, Masroor E. Babar, Gregory A. Wilson, Matthew C. McClure, Megan M. Rolf, JaeWoo Kim, Robert D. Schnabel, & Jeremy F. Taylor.** 2009. “Resolving the evolution of extant and extinct ruminants with high-throughput phylogenomics.” *Proceedings of the National Academy of Sciences* **106** (3 November): 18644-18649.
- Decker, Ronald, Thierry Depaulis, & Michael Dummett.** 1996. *A Wicked Game of Cards: The Origin of the Occult Tarot*. New York: St. Martin’s Press.
- Deckert, Annika, Christopher A. Waudby, Tomasz Wlodarski, Anne S. Wentink, Xiaolin Wang, John P. Kirkpatrick, Jack F. S. Paton, Carlo Camilloni, Predrag Kukic, Christopher M. Dobson, Michele Vendruscolo, Lisa D. Cabrita, & John Christodoulou.** 2016. “Structural characterization of the interaction of α -synuclein nascent chains with the ribosomal surface and trigger factor.” *Proceedings of the National Academy of Sciences* **113** (3 May): 5012-5017.
- Deckert, Curt.** 2004. “Links to Other Web Sites on Intelligent Design.” *Eye Design Book* entry (online text at www.eyedesignbook.com accessed 1/22/2004).
- Declerck, Paul J., Maria De Mol, Douglas E. Vaughan, & Désiré Collen.** 1992. “Identification of a conformationally distinct form of plasminogen activator inhibitor-1, acting as a noninhibitory substrate for tissue-type plasminogen activator.” *The Journal of Biological Chemistry* **267** (15 June): 11693-11696.
- Declercq, Georges.** 2005. “Comment on ‘How Science Survived: Medieval Manuscripts’ ‘Demography’ and Classic Texts’ Extinction’.” *Science* **307** (9 December): 1618.
- Decombeix, Anne-Laure, Benjamin Bomfleur, Edith L. Taylor, & Thomas N. Taylor.** 2014.

- “New insights into the anatomy, development, and affinities of corystosperm trees from the Triassic of Antarctica.” *Review of Palaeobotany and Palynology* **203** (April): 22-34.
- Decombeix, Anne-Laure, Brigitte Meyer-Berthaud, & Jean Galtier.** 2011. “Transitional changes in arborescent lignophytes at the Devonian-Carboniferous boundary.” *Journal of the Geological Society, London* **168** (March): 547-557.
- . 2014. “Secondary phloem in Early Carboniferous seed plants: anatomical diversity and evolutionary implications.” *International Journal of Plant Sciences* **175** (October): 891-910.
- DeConto, Robert M., Simone Galeotti, Mark Pagani, David Tracy, Kevin Schaefer, Tingjun Zhang, David Pollard, & David J. Beerling.** 2012. “Past extreme warming events linked to massive carbon release from thawing permafrost.” *Nature* **484** (5 April): 87-91.
- De Costa, B. F.** 1901. *The Pre-Columbian Discovery of America by the Northmen, with Translations from the Icelandic Sagas*. Rev. ed. Albany, NY: Joel Munsell’s Sons.
- De Cruz, Helen, & Johan De Smedt.** 2013. “The value of epistemic disagreement in scientific practice. The case of *Homo floresiensis*.” *Studies in History and Philosophy of Science Part A* **44** (June): 169-177.
- De Cunha, Violette, Morgan Gaia, Daniele Gadelle, Arshan Nasir, & Patrick Forterre.** 2017. “Lokiarchaea are close relatives of Euryarchaeota, not bridging the gap between prokaryotes and eukaryotes.” *PLoS Genetics* (online @ plosgenetics.org) **13** (June): e1006810.
- Dediu, Dan, & D. Robert Ladd.** 2007. “Linguistic tone is related to the population frequency of the adaptive haplogroups of two brain size genes, *ASPM* and *Microcephalin*.” *Proceedings of the National Academy of Sciences* **104** (26 June): 10944-10949.
- De Dora, Michael.** 2010. “Should Biology Textbooks Include ‘Biblical Myth’ Language.” Center for Inquiry *Democratic Discourse* 12 April blog posting (online text at www.centerforinquiry.net accessed 10/24/2013).
- . 2011a. “Egyptian man sentenced to 3 years in jail for blasphemy.” Center for Inquiry *Democratic Discourse* 24 October blog posting (online text at www.centerforinquiry.net accessed 2/3/2011).
- . 2011b. “Morality can—and should—be legislated.” Center for Inquiry *Democratic Discourse* 7 November blog posting (online text at www.centerforinquiry.net accessed 2/3/2011).
- . 2012a. “Poland fines pop music star for blasphemy.” Center for Inquiry *Democratic Discourse* 23 January blog posting (online text at www.centerforinquiry.net accessed 2/3/2011).
- . 2012b. “Indiana Senate OKs Amended, but Still Flawed, Creationist Bill.” Center for Inquiry *Democratic Discourse* 1 February blog posting (online text at www.centerforinquiry.net accessed 2/3/2011).
- . 2016. “Secular Activists Are Being Murdered In Bangladesh: An Ongoing Crisis Causes Many To Flee.” *Religion Dispatches* 7 June (online text at religiondispatches.org accessed 6/8/2016).
- De Dreu, Carsten K. W., Lindred L. Greer, Gerben A. Van Kleef, Shaul Shalvi, & Michel J. J. Handgraaf.** 2011a. “Oxytocin promotes human ethnocentrism.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1262-1266.
- . 2011b. “Reply to Chen et al.: Perhaps goodwill is unlimited but oxytocin-induced goodwill is not.” *Proceedings of the National Academy of Sciences* **108** (29 March): E46.
- . 2012. “Oxytocin modulates selection of allies in intergroup conflict.” *Proceedings of the Royal Society of London B (Biological Sciences)* **279** (22 March): 1150-1154.
- De Dreu, Carsten K. W., Lindred L. Greer, Michel J. J. Handgraaf, Shaul Shalvi, Gerben A. Van Kleef, Matthijs Baas, Femke S. Ten Velden, Eric Van Dijk, & Sander W. W. Feith.** 2010. “The Neuropeptide Oxytocin Regulates Parochial Altruism in Intergroup Conflict Among Humans.” *Science* **328** (11 June): 1408-1411.
- De Duve, Christian.** 1995. *Vital Dust: Life as a Cosmic Imperative*. New York: Basic Books.
- . 1996. “The Birth of Complex Cells.” *Scientific American* **274** (April): 50-57.
- Dee, Michael, David Wengrow, Andrew Shortland, Alice Stevenson, Fiona Brock, Linus**

- Girdland Flink, & Christopher Bronk Ramsey.** 2013. “An absolute chronology for early Egypt using radiocarbon dating and Bayesian statistical modelling.” *Proceedings of the Royal Society of London B (Biological Sciences)* **469** (8 November): 20130395.
- Deecke, Lüder, & Surjo R. Soekadar.** 2016. “Beyond the point of no return: Last-minute changes in human motor performance.” *Proceedings of the National Academy of Sciences* **113** (24 May): E2876.
- Deeds, Eric J., Hooman Hennessey, & Eugene I. Shakhnovich.** 2005. “Prokaryotic phylogenies inferred from protein structural domains.” *Genome Research* **15** (March): 393-402.
- Deem, Angela, Andrea Keszthelyi, Tiffany Blackgrove, Alexandra Vayl, Barbara Coffey, Ruchi Mathur, Andrei Chabes, & Anna Malkova.** 2011. “Break-Induced Replication Is Highly Inaccurate.” *PLoS Biology* (online @ plosbiology.org) **9** (February): e1000594.
- Deem, Rich.** 2005. “Demise of the ‘Birds are Dinosaurs’ Theory.” *God and Science* posting updated 2 January (online text at www.godandscience.org accessed 2/16/2011).
- . 2006. “No Proof for the Exodus?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2007a. “Scientific Evidence for Answered Prayer and the Existence of God.” *God and Science* posting (online text at www.godandscience.org accessed 5/4/2009).
- . 2007b. “Science and the Bible: Does the Bible Contradict Scientific Principles?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2007c. “‘Junk’ DNA: Why non-coding DNA Isn’t Really Junk.” *God and Science* posting revised 12 June (online text at www.godandscience.org accessed 12/12/2011).
- . 2008a. “Bad Designs in Biology? Why the ‘Best’ Examples Are Bad.” *God and Science* posting (online text at www.godandscience.org accessed 10/29/2009).
- . 2008b. “Is the Biblical Flood Account a Modified Copy of the Epic of Gilgamesh?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2008c. “The Genesis Flood: Why the Bible Says It *Must* be Local.” *God and Science* posting revised 8 October (online text at www.godandscience.org accessed 8/27/2012).
- . 2010a. “Why are Most Scientists Atheists If There is Evidence for Belief in God?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2010b. “Did Albert Einstein Believe in a Personal God?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2010c. “Did God Commit Atrocities by Ordering the Killing of Entire Cities of People?” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2010d. “Genetics and Homosexuality: Are People Born Gay? The Biological Basis for Sexual Orientation.” *God and Science* posting (online text at www.godandscience.org accessed 11/10/2010).
- . 2011. “Pseudogenes: Argument for Evolution and Against Design?” *God and Science* posting revised 22 June (online text at www.godandscience.org accessed 12/12/2011).
- DeFalco, Tony, & Blanche Capel.** 2009. “Gonad Morphogenesis in Vertebrates: Divergent Means to a Convergent End.” *Annual Review of Cell and Developmental Biology* **25**: 457-482.
- Défarge, Christian.** 2011. “Organomineralization,” in Reitner & Thiel (2011, 697-701).
- Defechereux, Thierry, V. Albert, J. Alexandre, Pierre Bonnet, Etienne Hamoir, & Michel Meurisse.** 2000. “The inferior non recurrent laryngeal nerve: a major surgical risk during thyroidectomy.” *Acta Chirurgica Belgica* **100** (March-April): 62-67.
- DeFelipe, Javier.** 2010. “From the Connectome to the Synaptome: An Epic Love Story.” *Science* **330** (26 November): 1198-1201.
- Defensedefumer.** 2010a. “Huh what?: What is differences between operational and origin science?” *Defensedefumer’s amateur scientific blog* 6 June posting (online text at defensedefumer.wordpress.com accessed 5/30/2012).
- . 2010b. “That can’t be true: 12 Arguments Evolutionists Should Avoid.” *Defensedefumer’s amateur scientific blog* 5 July posting (online text at defensedefumer.wordpress.com accessed 5/30/2012).

- . 2010c. “Huh what?: Why do animals still look the same since the Cambrian?” *Defensedefumer’s amateur scientific blog* 10 July posting (online text at defensedefumer.wordpress.com accessed 5/30/2012).
- . 2010d. “That can’t be true: Hasn’t the bacterial flagellum shown to be irreducibly complex?” *Defensedefumer’s amateur scientific blog* 17 July posting (online text at defensedefumer.wordpress.com accessed 5/30/2012).
- De Filippo, Carlotta, Duccio Cavalieri, Monica Di Paola, Matteo Ramazzotti, Jean Baptiste Poulet, Sebastien Massart, Silvia Collini, Giuseppe Pieraccini, & Paulo Lionetti.** 2010. “Impact of diet in shaping gut microbiota revealed by a comparative study in children from Europe and rural Africa.” *Proceedings of the National Academy of Sciences* **107** (17 August): 14691-14696.
- Defler, Thomas R.** 2009. “Some Evolutionary Tendencies of Neotropical Primates.” *Acta Biológica Colombiana* **14** (4 Supplement): 399-414.
- Defleur, Alban, Tim White, Patricia Valensi, Ludovic Slimak, & Evelyne Crégut-Bonnoure.** 1999. “Neanderthal Cannibalism at Moula-Guercy, Ardèche, France.” *Science* **286** (1 October): 128-131.
- De Freitas, C. R.** 2002. “Are observed changes in the concentration of carbon dioxide in the atmosphere really dangerous?” *Bulletin of Canadian Petroleum Geology* **50** (June): 297-327.
- DeGiorgio, Michael, Mattias Jakobsson, & Noah A. Rosenberg.** 2009. “Explaining worldwide patterns of human genetic variation using a coalescent-based serial founder model of migration outward from Africa.” *Proceedings of the National Academy of Sciences* **106** (22 September): 16057-16062.
- Degnan, Bernard M., Sally P. Leys, & Claire Larroux.** 2005. “Sponge Development and Antiquity of Animal Pattern Formation.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **45** (April): 335-341.
- Degnan, James H., & Noah A. Rosenberg.** 2006. “Discordance of Species Trees with Their Most Likely Gene Trees.” *PLoS ONE* (online @ plosone.org) **2** (May): e68.
- . 2009. “Gene tree discordance, phylogenetic inference and the multispecies coalescent.” *Trends in Ecology & Evolution* **24** (June): 332-340.
- Degnan, Patrick H., Yeisoo Yu, Nicholas Sisneros, Rod A. Wing, & Nancy A. Moran.** 2009. “*Hamiltonella defensa*, genome evolution of protective bacterial endosymbiont from pathogenic ancestors.” *Proceedings of the National Academy of Sciences* **106** (2 June): 9063-9068.
- Degnan, Sandie M., & Bernard M. Degnan.** 2010. “The initiation of metamorphosis as an ancient polyphenic trait and its role in metazoan life-cycle evolution.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 February): 641-651.
- De Gómez-Puyou, Marietta Tuena, Gerardo Pérez-Hernández, & Armando Gómez-Puyou.** 1999. “Synthesis and hydrolysis of ATP and the phosphate-ATP exchange reaction in soluble mitochondrial F₁ in the presence of dimethylsulfoxide.” *European Journal of Biochemistry* **266** (December, No. 2): 691-696.
- De Gómez-Puyou, M. Tuena, Francisca Sandoval, & A. Gómez-Puyou.** 1995. “Synthesis of Medium Pyrophosphate by Soluble Mitochondrial F₁ through Dimethyl Sulfoxide-Water Transitions.” *The Journal of Biological Chemistry* **270** (14 July): 16820-16825.
- De Grasse Tyson, Neil.** 1996. “Cosmic Menagerie: Some Underpublicized Truths about the Constellations.” *Skeptical Inquirer* **20** (November/December): 43-46.
- . 1999. “Holy Wars.” *Natural History* **108** (October): 80-82.
- . 2002. “On Being Baffled.” *Natural History* **111** (May): 22-25.
- . 2003. “The Rise and Fall of Planet X.” *Natural History* **112** (June): 18-21.
- De Grave, Sammy, N. Dean Pentcheff, Shane T. Ah Yong, Tin-Yam Chan, Keith A. Crandall, Peter C. Dworschak, Darryl L. Felder, Rodney M. Feldmann, Charles H. J. M. Fransen, Laura Y. D. Goulding, Rafael Lemaitre, Martyn E. Y. Low, Joel W. Martin, Peter K. I. Ng, Carrie E. Schweitzer, S. H. Tan, Dale Tshudy, & Regina Wetzler.** 2009.

- “A Classification of Living and Fossil Genera of Decapod Crustaceans.” Lee Kong Chian Natural History Museum (Singapore) *Raffles Bulletin of Zoology* **Supplement 21**: 1-109.
- De Grazia, Alfred, Ralph E. Juergens, & Livio Stecchini**, eds. 1966. *The Velikovsky Affair: Scientism vs. Science*. New Hyde Park, NY: University Press.
- De Greeff, Joachim, & Stefano Nolfi**. 2014. “Evolution of Communication in Robots,” in Vargas *et al.* (2014, 179-201).
- De Groot, Isabelle, Linus Girdland Flink, Rizwaan Abbas, Silvia M. Bello, Lucia Burgia, Laura Tabitha Buck, Christopher Dean, Alison Freyne, Thomas Higham, Chris G. Jones, Robert Kruszynski, Adrian Lister, Simon A. Parfitt, Matthew M. Skinner, Karolyn Shindler, & Chris B. Stringer**. 2016. “New genetic and morphological evidence suggests a single hoaxer created ‘Piltdown man’.” *Royal Society Open Science* **3** (August): 160328.
- Deguchi, Hiroshi, José Fernández, & John H. Griffin**. 2002. “Neutral Glycosphingolipid-dependent Inactivation of Coagulation Factor Va by Activated Protein C and Protein S.” *The Journal of Biological Chemistry* **277** (15 March): 8861-8865.
- DeGusta, David, W. Henry Gilbert, & Scott P. Turner**. 1999. “Hypoglossal canal size and hominid speech.” *Proceedings of the National Academy of Sciences* **96** (16 February): 1800-1804.
- DeHaan, Robert F.** 1997a. “Introduction to the Phylo-Developmental Framework.” *MacroDevelopment* 11 May article (online text at www.macrodevelopment.org accessed 10/16/2011).
- . 1997b. “A Brief Critique of Evolution from the Developmental Perspective.” *MacroDevelopment* 7 October article (online text at www.macrodevelopment.org accessed 10/18/2011).
- . 1998. “Do Phyletic Lineages Evolve from the Bottom Up or Develop from the Top Down?” *Perspectives on Science and Christian Faith (AKA Journal of the ASA)* **50** (December): 260-271.
- DeHaan, Robert F., & John L. Wiester**. 1999. “The Cambrian Explosion: The Fossil Record & Intelligent Design.” *Touchstone* (July/August): 65-69.
- Dehaene, Stanislas, Felipe Pegado, Lucia W. Braga, Paulo Ventura, Gilberto Nunes Filho, Antoinette Jobert, Ghislaine Dehaene-Lambertz, Régine Kolinsky, José Morais, & Laurent Cohen**. 2010. “How Learning to Read Changes The Cortical Networks for Vision and Language.” *Science* **330** (3 December): 1359-1364.
- Dehaene, Stanislas, Claire Sergent, & Jean-Pierre Changeux**. 2003. “A neuronal network model linking subjective reports and objective physiological data during conscious perception.” *Proceedings of the National Academy of Sciences* **100** (8 July): 8520-8525.
- Dehaene, S., E. Spelke, P. Pinel, R. Stanescu, & S. Tsivkin**. 1999. “Sources of Mathematical Thinking: Behavioral and Brain-Imaging Evidence.” *Science* **284** (7 May): 970-974.
- Dehaene-Lambertz, G., L. Hertz-Pannier, J. Dubois, & S. Dehaene**. 2008. “How Does Early Brain Organization Promote Language Acquisition in Humans?” *European Review* **16** (4): 399-411.
- Dehal, Paramvir, & Jeffrey L. Boore**. 2005. “Two Rounds of Whole Genome Duplication in the Ancestral Vertebrate.” *PLoS Biology* (online @ plosbiology.org) **3** (October): e314.
- Dehal, Paramvir, Yutaka Satou, Robert K. Campbell, Jarrod Chapman, Bernard Degnan, Anthony De Tomaso, Brad Davidson, Anna Di Gregorio, Maarten Gelpke, David M. Goodstein, Naoe Harafuji, Kenneth E. M. Hastings, Isaac Ho, Kohji Hotta, Wayne Huang, Takeshi Kawashima, Patrick Lemaire, Diego Martinez, Ian A. Meinertzhagen, Simona Necula, Masaru Nonaka, Nik Putnam, Sam Rash, Hidetoshi Saiga, Masanobu Satake, Astrid Terry, Lixy Yamada, Hong-Gang Wang, Satoko Awazu, Kaoru Azumi, Jeffrey Boore, Margherita Branno, Stephen Chin-Bow, Rosaria DeSantis, Sharon Doyle, Pilar Francino, David N. Keys, Shinobu Haga, Hiroko Hayashi, Kyosuke Hino, Kaoru S. Imai, Kazuo Inaba, Shungo Kano, Kenji Kobayashi, Mari Kobayashi, Byung-In Lee, Kazuhiro W. Makabe, Chitra Manohar, Giorgio Matassi, Monica Medina, Yasuaki Mochizuki, Steve Mount, Tomomi Morishita, Sachiko Miura, Akie Nakayama, Satoko Nishizaka, Hisayo Nomoto, Fumiko Ohta, Kazuko Oishi, Isidore**

- Rigoutsos, Masako Sano, Akane Sasaki, Yasunori Sasakura, Eiichi Shoguchi, Tadasu Shin-i, Antoinetta Spagnuolo, Didier Stainier, Miho M. Suzuki, Olivier Tassy, Naohito Takatori, Miki Tokuoka, Kasumi Yagi, Fumiko Yoshizaki, Shuichi Wada, Cindy Zhang, P. Douglas Hyatt, Frank Larimer, Chris Detter, Norman Doggett, Tijana Glavina, Trevor Hawkins, Paul Richardson, Susan Lucas, Yuji Kohara, Michael Levine, Nori Satoh, & Daniel S. Rokhsar.** 2002. "The Draft Genome of *Ciona intestinalis*: Insights into Chordate and Vertebrate Origins." *Science* **298** (13 December): 2157-2167.
- De Hamel, Christopher.** 2001. *The Book: A History of the Bible*. London: Phaidon Press Limited.
- DeHart, Roger.** 1997. "Official Response from Roger DeHart." *Paranormal Northwest* 27 August letter posting (online text at www.eskimo.com/~pierres/atlas/dehart.html accessed 7/13/2001, not available as of 1/23/2014).
- . 2004. "Icons of Evolution—A Study Guide." *Center for Science & Culture* posting 1 July (online text at discovery.org accessed 11/6/2010).
- . 2012a. "Old Class Files—Biology." *Yongsan International School of Seoul* posting (online text at sites.google.com/a/yisseoul.org/mr-dehart/ accessed 1/24/2014).
- . 2012b. "Worksheet to accompany Specified Complexity Keynote." *Yongsan International School of Seoul* 11 March posting (online text at sites.google.com/a/yisseoul.org/mr-dehart/ accessed 1/24/2014).
- DeHaseth, Pieter L., & Timothy W. Nilsen.** 2004. "When a Part Is as Good as the Whole." *Science* **303** (27 February): 1307-1308.
- De Heinzelin, Jean, W. Desmond Clark, Tim White, William Hart, Paul Renne, Giday WoldeGabriel, Yonas Beyene, & Elisabeth Vrba.** 1999. "Environment and Behavior of 2.5-Million-Year-Old Bouri Hominids." *Science* **284** (23 April): 625-629.
- De Hevia, Maria Dolores, Véronique Izard, Aurélie Coubart, Elizabeth S. Spelke, & Arlette Streri.** 2014. "Representations of space, time, and number in neonates." *Proceedings of the National Academy of Sciences* **111** (1 April): 4809-4813.
- Dehghani, Morteza, Scott Atran, Rumen Iliev, Sonya Sachdeva, Douglas Medin, & Jeremy Ginges.** 2010. "Sacred values and conflict over Iran's nuclear program." *Judgment and Decision Making* **5** (December): 540-546.
- Dehghani, Morteza, Rumen Iliev, Sonya Sachdeva, Scott Atran, Jeremy Ginges, & Douglas Medin.** 2009. "Emerging sacred values: Iran's nuclear program." *Judgment and Decision Making* **4** (December): 930-933.
- Dehler, Carol M., Maya Elrick, Karl E. Karlstrom, Gary A. Smith, Laura J. Crossey, & J. Michael Timmons.** 2001. "Neoproterozoic Chuar Group (~800-742 Ma), Grand Canyon: a record of cyclic marine deposition during global colling and supercontinent rifting." *Sedimentary Geology* **141-142** (1 June): 465-499.
- Dehler, Carol M., Susannah M. Porter, & Michael Timmons.** 2012. "The Neoproterozoic Earth system revealed from the Chuar Group of Grand Canyon." *The Geological Society of America Special Papers* **489**: 49-72.
- Deichmann, Ute.** 2011. "Early 20th-century research at the interfaces of genetics, development, and evolution: Reflections on progress and dead ends." *Developmental Biology* **357** (1 September): 3-12.
- . 2016. "Interview with Eric Davidson." *Developmental Biology* **412** (15 April): S20-S29.
- Deighton, Rick.** 2007. *Ready to Give an Answer*. NorthWest Science Museum (Nampa, ID) publication (online pdf at www.northwestsciencemuseum.com accessed 8/29/2011).
- . 2011. *Is the Bible Without Any Errors?* Search for the Truth (Nampa, ID) publication (online pdf at www.northwestsciencemuseum.com accessed 8/29/2011).
- Deininger, Prescott.** 2011. "Alu elements: know the SINEs." *Genome Biology* (online @ genomebiology.com) **12** (28 December): 236.
- Deitsch, Kirk W., & Chetan E. Chitnis.** 2012. "Molecular basis of severe malaria." *Proceedings of the National Academy of Sciences* **109** (26 June): 10130-10131.
- De Jager, Philip L., Clare Baecher-Allan, Lisa M. Maier, Ariel T. Arthur, Linda Ottoboni,**

- Lisa Barcellos, Jacob L. McCauley, Stephen Sawcer, An Goris, Janna Saarela, Roman Yelensky, Alkes Price, Virpi Leppa, Nick Patterson, Paul I. W. de Bakker, Dong Tran, Cristin Aubin, Susan Pobywajlo, Elizabeth Rossin, Xinli Hu, Charles W. Ashley, Edwain Choy, John D. Rioux, Margaret A. Pericak-Vance, Adrian Ivinson, David R. Booth, Graeme J. Stewart, Aarno Palotie, Leena Peltonen, Bénédicte Dubois, Jonathan L. Haines, Howard L. Weiner, Alastair Compston, Stephen L. Hauser, Mark J. Daly, David Reich, Jorge R. Oksenberg, & David A. Hafler.** 2009. “The role of the *CD58* locus in multiple sclerosis.” *Proceedings of the National Academy of Sciences* **106** (31 March): 5264-5269.
- Dejka, Joe.** 2012a. “Social studies standards creating Nebraska’s own Mason-Dixon line.” *Omaha World-Herald* posting 16 November: online text accessed 12/14/2012 (www.omaha.com).
- . 2012b. “State Board of Ed adopts social studies standards.” *Omaha World-Herald* posting 7 December: online text accessed 12/14/2012 (www.omaha.com).
- De Jong, Danielle, Michael Eitel, Wolfgang Jakob, Hans-Juergen Osigus, Heike Hadrys, Rob DeSalle, & Bernd Schierwater.** 2009. “Multiple *Dicer* Genes in the Early-Diverging Metazoa.” *Molecular Biology and Evolution* **26** (June): 1333-1340.
- De Jong, Gerdien, & Gert Korthof.** 2006. “Claim of bias against critics is refuted by publication.” *Nature* **444** (7 December): 679.
- DeJong, Grant D.** 2003. “The Fungus Gnat *Sciara*—A Survivor?” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (July/August): 3.
- De Jong, Norman.** 2010. “The Book of Mormon: Fact or Fiction?” Orthodox Presbyterian Church *New Horizons* (June): online text accessed 8/22/2012 (www.opc.org).
- De Jong, Wilfried W.** 1998. “Molecules remodel the mammalian tree.” *Trends in Ecology & Evolution* **13** (July): 270-275.
- Dejosez, Marion, Stuart S. Levine, Garrett M. Frampton, Warren A. Whyte, Sabrina A. Stratton, Michelle C. Barton, Preethy H. Gunaratne, Richard A. Young, & Thomas P. Zwaka.** 2010. “Ronin/Hcf-1 binds to a hyperconserved enhancer element and regulates genes involved in the growth of embryonic stem cells.” *Genes & Development* **24** (15 July): 1479-1484.
- De Juana, S., A. P. Galán, & M. Domínguez-Rodrigo.** 2010. “Taphonomic identification of cut marks made with lithic handaxes: an experimental study.” *Journal of Archaeological Science* **37** (August): 1841-1850.
- Dekel, Erez, & Uri Alon.** 2005. “Optimality and evolutionary tuning of the expression level of a protein.” *Nature* **436** (28 July): 588-592.
- Dekel, Yaron, Yossy Machluf, Rachel Brand, Oshrat Noked Partouche, Izhar Ben-Shlomo, & Dani Bercovich.** 2017. “Mammal domestication and the symbiotic spectrum.” *Proceedings of the National Academy of Sciences* **114** (3 July): E5280.
- Dekker, Carien, Keith R. Willison, & William R. Taylor.** 2011. “On the evolutionary origin of the chaperonins.” *Proteins: Structure, Function, and Bioinformatics* **79** (April): 1172-1192.
- Dekker, Job.** 2008. “Gene Regulation in the Third Dimension.” *Science* **319** (28 March): 1793-1794.
- Dekker, Job, & Tom Misteli.** 2015. “Long-Range Chromatin Interactions.” *Cold Spring Harbor Perspectives in Biology* **7** (October): a019356.
- De Knijff, Peter.** 2014. “How carrion and hooded crows defeat Linnaeus’s curse.” *Science* **344** (20 June): 1345-1346.
- De Koker, Nico, Gerd Steinle-Neumann, & Vojtěch Vlček.** 2012. “Electrical resistivity and thermal conductivity of liquid Fe alloys at high *P* and *T*, and heat flux in Earth’s core.” *Proceedings of the National Academy of Sciences* **109** (13 March): 4070-4073.
- De Kruif, Paul.** 1926. *Microbe Hunters*. San Diego, CA: Harcourt Brace Jovanovich.
- De la Bédoyère, Guy.** 2006. *Roman Britain: A New History*. New York: Thames & Hudson.
- De la Cruz-López, Azarhel, Ebelia del Ángel-Meraz, María Colín-García, & Sergio Ramos-Bernal.** 2017. “Ultraviolet irradiation of glycine in presence of pyrite as a model of

- chemical evolution: an experimental and molecular modelling approach.” *International Journal of Astrobiology* **16** (July): 237-243.
- De Laeter, J. R., B. J. Allen, G. C. Lowenthal, & J. W. Boldeman.** 1988. “Constraints on the ¹⁷⁶Lu Cosmochronometer.” *Indian Academy of Sciences Journal of Astrophysics and Astronomy* **9** (March): 7-15.
- De Laeter, J. R., & N. Bukilic.** 2006. “Solar abundance of ¹⁷⁶Lu and s-process nucleosynthesis.” *Physical Review C (nuclear physics)* **73** (April): 045806.
- De Lafuente, Victor, & Ranulfo Romo.** 2011. “Dopamine neurons code subjective sensory experience and uncertainty of perceptual decisions.” *Proceedings of the National Academy of Sciences* **108** (6 December): 19767-19771.
- De la Fuente-Fernández, Raúl, Thomas J. Ruth, Vesna Sossi, Michael Schulzer, Donald B. Calne, & A. Jon Stoessl.** 2001. “Expectation and Dopamine Release: Mechanism of the Placebo Effect in Parkinson’s Disease.” *Science* **293** (10 August): 1164-1166.
- Delahay, Robin M., Stuart Knutton, Robert K. Shaw, Elizabeth L. Hartland, Mark J. Pallen, & Gad Frankel.** 1999. “The Coiled-coil Domain of EspA Is Essential for the Assembly of the Type III Secretion Translocon on the Surface of Enteropathogenic *Escherichia coli*.” *The Journal of Biological Chemistry* **274** (10 December): 35969-35974.
- Delalez, Nicolas J., George H. Wadhams, Gabriel Rosser, Quan Xue, Mostyn T. Brown, Ian M. Dobbie, Richard M. Berry, Mark C. Leake, & Judith P. Armitage.** 2010. “Signal-dependent turnover of the bacterial flagellar switch protein FliM.” *Proceedings of the National Academy of Sciences* **107** (22 June): 11347-11351.
- De Lama, George.** 1993. “Creationism gets toehold in class.” *Chicago Tribune* posting 25 August: online text accessed 3/3/2003 (articles.chicagotribune.com).
- De Lame, Frédérique, & Heather Eisthen.** 2003. “Like that new perfume you’re wearing!” *The Journal of Experimental Biology* **206** (1 March): 789.
- De la Monte, Suzanne M., Kasra Ghanbari, William H. Frey, Iraj Beheshti, Paul Averbach, Stephen L. Hauser, Hossein A. Ghanbari, & Jack R. Wands.** 1997. “Characterization of the AD7C-NTP cDNA expression in Alzheimer’s disease and measurement of a 41-kD protein in cerebrospinal fluid.” *The Journal of Clinical Investigation* **100** (15 December): 3093-3104.
- Delaney, James C., Paul T. Henderson, Sandra A. Helquist, Juan C. Morales, John M. Essigmann, & Eric T. Kool.** 2003. “High-fidelity *in vivo* replication of DNA base shape mimics without Watson-Crick hydrogen bonds.” *Proceedings of the National Academy of Sciences* **100** (15 April): 4469-4473.
- De Lange, Titia.** 2009. “How Telomeres Solve the End-Protection Problem.” *Science* **326** (13 November): 948-952.
- Delannoy, Etienne, Sota Fujii, Catherine Colas des Francs-Small, Mark Brundrett, & Ian Small.** 2011. “Rampant Gene Loss in the Underground Orchid *Rhizanthella gardneri* Highlights Evolutionary Constraints on Plastid Genomes.” *Molecular Biology and Evolution* **28** (July): 2077-2086.
- Delano, John W.** 2001. “Redox History of the Earth’s Interior since ~3900 Ma: Implications for Prebiotic Molecules.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **31** (August-October): 311-341.
- De la Peña, Paloma.** 2013. “The transition in southern Iberia: Insights from paleoclimatology and the Early Upper Palaeolithic.” *Proceedings of the National Academy of Sciences* **110** (4 June): E2086.
- Delarue, Marc.** 2007. “An asymmetric underlying rule in the assignment of codons: Possible clue to a quick early evolution of the genetic code via successive binary choices.” *RNA* **13** (February): 161-169.
- De Last, Wouter, & Denis Duboule.** 2013. “Topology of mammalian developmental enhancers and their regulatory landscapes.” *Nature* **502** (24 October): 499-506.
- De Lau, Wim, Nick Barker, Teck Y. Low, Bon-Kyoung Koo, Vivian S. W. Li, Hans Teunissen, Pekka Kujala, Andrea Haegbarth, Peter J. Peters, Marc van de Wetering, D. E. Stange, J. van Es, Daniele Guardavaccaro, Richard B. M. Schasfoort, Yasuaki**

- Mohri, Katsuhiko Nishimori, Shabaz Mohammed, Albert J. R. Heck, & Hans Clevers.** 2011. “Lgr5 homologues associate with Wnt receptors and mediate R-spondin signalling.” *Nature* **476** (18 August): 293-297.
- Delaux, Pierre-Marc, Guru V. Radhakrishnan, Dhileepkumar Jayaraman, Jitender Cheema, Mathilde Malbreil, Jeremy D. Volkening, Hiroyuki Sekimoto, Tomoaki Nishiyama, Michael Melkonian, Lisa Pokorny, Carl J. Rothfels, Heike Winter Sederoff, Dennis W. Stevenson, Barbara Surek, Yong Zhang, Michael R. Sussman, Christophe Dunand, Richard J. Morris, Christophe Roux, Gane Ka-Shu Wong, Giles E. D. Oldroyd, & Jean-Michel Ané.** 2015. “Algal ancestor of land plants was preadapted for symbiosis.” *Proceedings of the National Academy of Sciences* **112** (27 October): 13390-13395.
- Delavat, François, Sara Mitri, Serge Pelet, & Jan Roelof van der Meer.** 2016. “Highly variable individual donor cell fates characterize robust horizontal gene transfer of an integrative and conjugative element.” *Proceedings of the National Academy of Sciences* **113** (14 June): E3375-E3383.
- Delaye, Luis, & Arturo Becerra.** 2012. “Cenancestor, the Last Universal Common Ancestor.” *Evolution: Education & Outreach* **5** (September): 382-388.
- Delaye, Luis, & Andrés Moya.** 2010. “Evolution of reduced prokaryotic genomes and the minimal cell concept: Variations on a theme.” *BioEssays* **32** (April): 281-287.
- De Lazaro, Enrico.** 2014. “Pelagornis sandersi: Paleontologist Discovers Largest-Ever Flying Bird.” *Sci-News* 8 July posting (online text at www.sci-news.com accessed 7/26/2014).
- Del Bianco, Cristina, & Sheref S. Mansy.** 2012. “Nonreplicating Protocells.” *Accounts of Chemical Research* **45** (December): 2125-2130.
- Delbridge, Margaret L., Hardip R. Patel, Paul D. Waters, Daniel A. McMillan, & Jennifer A. Marshall Graves.** 2009. “Does the human X contain a third evolutionary block? Origin of genes on human Xp11 and Xq28.” *Genome Research* **19** (August): 1350-1360.
- Delcourt, Matthieu, Mark W. Blows, J. David Aguirre, & Howard D. Rundle.** 2012. “Evolutionary optimum for male sexual traits characterized using the multivariate Robertson-Price Identity.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10414-10419.
- DeLeo, Frank R., Liang Chen, Stephen F. Porcella, Craig A. Martens, Scott D. Kobayashi, Adeline R. Porter, Kalyan D. Chavda, Michael R. Jacobs, Barun Mathema, Randall J. Olsen, Robert A. Bonomo, James M. Musser, & Barry N. Kreiswirth.** 2014. “Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 *Klebsiella pneumoniae*.” *Proceedings of the National Academy of Sciences* **111** (1 April): 4988-4993.
- De Leon, Jessica Cruz, Nicole Scheumann, Wandy Beatty, Josh R. Beck, Johnson Q. Tran, Candace Yau, Peter J. Bradley, Keith Gull, Bill Wickstead, & Naomi S. Morrisette.** 2013. “A SAS-6-Like Protein Suggests that the *Toxoplasma* Conoid Complex Evolved from Flagellar Components.” *Eukaryotic Cell* **12** (July): 1009-1019.
- De Leuw, Simone, Alan E. Rubin, Axel K. Schmitt, & John T. Wasson.** 2009. “⁵³Mn-⁵³Cr systematics of carbonates in CM chondrites: Implications for the timing and duration of aqueous alteration.” *Geochimica et Cosmochimica Acta* **73** (15 December): 7433-7442.
- Delezone, Lucas K., Melissa S. Zolnierz, Mark F. Teaford, William H. Kimbel, Frederick E. Grine, & Peter S. Ungar.** 2013. “Premolar microwear and tooth use in *Australopithecus afarensis*.” *Journal of Human Evolution* **65** (September): 282-293.
- DeLattore, Joan.** 1992. *What Johnny Shouldn't Read: Textbook Censorship in America*. New Haven, CT: Yale University Press.
- . 2004. *The Fourth R: Conflicts Over Religion in America's Public Schools*. New Haven, CT: Yale University Press.
- . 2007. “Speaking of Evolution: The Historical Context of *Kitzmiller v. Dover Area School District*.” *Rutgers Journal of Law and Religion* (online @ org.law.rutgers.edu) **9.1**.
- Delgado, Estevan.** 2012. “The vestigial human tail.” *The Facts and Theories of Evolution* posting 21 March (online text at evolutionbloc334.blogspot.com accessed 6/1/2014).
- Delgado, Pedro L., Lawrence H. Price, Helen L. Miller, Ronald M. Salomon, George K.**

- Aghajanian, George R. Heninger, & Dennis S. Charney.** 1994. "Serotonin and the Neurobiology of Depression." *Archives of General Psychiatry* **51** (November): 865-874.
- Delgado, Sidney, Didier Casane, Laure Bonnaud, Michel Laurin, Jean-Yves Sire, & Marc Girondot.** 2001. "Molecular Evidence for Precambrian Origin of Amelogenin, the Major Protein of Vertebrate Enamel." *Molecular Biology and Evolution* **18** (December): 2146-2153.
- Delgaudio, Eugene.** 2011. "Congress to mandate homosexual indoctrination?" *Townhall Daily* for 9 June (online text via *townhall.com* accessed 6/11/2011).
- . 2012. "Obama to mandate immoral education in schools." *Townhall Daily* for 15 May (online text via *townhall.com* accessed 5/15/2012).
- Del Giudice, Emilio, Giuliano Preparata, & Giuseppe Vitiello.** 1988. "Water as a Free Electric Dipole Laser." *Physical Review Letters* **61** (29 August): 1085-1088.
- Del Giudice, Emilio, Paola Rosa Spinetti, & Alberto Tedeschi.** 2010. "Water Dynamics at the Root of Metamorphosis in Living Organisms." *Water* **2** (September): 566-586.
- Del Giudice, Richard A. Lippa, David A. Puts, Drew H. Bailey, J. Michael Bailey, & David P. Schmitt.** 2016. "Joel et al.'s method systematically fails to detect large, consistent sex differences." *Proceedings of the National Academy of Sciences* **113** (5 April): E1965.
- Delile, Hugo, Janne Blichert-Toft, Jean-Philippe Goiran, Simon Keay, & Francis Albarède.** 2014. "Lead in ancient Rome's city waters." *Proceedings of the National Academy of Sciences* **111** (6 May): 6594-6599.
- De Lima Tavares, Marina, María-Pilar Jiménez-Aleixandre, & Eduardo F. Mortimer.** 2010. "Articulation of Conceptual Knowledge and Argumentation Practices by High School Students in Evolution Problems." *Science & Education* **19** (June): 573-598.
- Delingpole, James.** 2012. "The Eco-Fascists." *Ricochet* 26 October podcast posting (online text at *richochet.com* accessed 1/4/2014).
- Dell' Amore, Christine.** 2012. "A new tyrannosaur is the largest feathered animal ever found." *National Geographic* **222** (October): 20-21.
- Dellaporte, Stephen L., Anthony Xu, Sven Sagasser, Wolfgang Jakob, Maria A. Moreno, Leo W. Buss, & Bernd Schierwater.** 2006. "Mitochondrial genome of *Trichoplax adhaerens* supports Placozoa as the basal lower metazoan phylum." *Proceedings of the National Academy of Sciences* **103** (6 June): 8751-8756.
- Della Sala, Sergio,** ed. 1999. *Mind Myths: Exploring Popular Assumptions About the Mind and Brain*. Chichester, UK: John Wiley & Sons.
- Delmer, Cyrille.** 2009. "Reassessment of the generic attribution of *Numidotherium savagei* and the homologies of lower incisors in proboscideans." *Acta Palaeontologica Polonica* **54** (4): 561-580.
- Delmonte Corrado, Maria Umberta, Huguette Politi, Marzia Ognibene, Cristiano Angelini, Francesca Trielli, Patrizia Ballarini, & Carla Falugi.** 2001. "Synthesis of the signal molecule acetylcholine during the developmental cycle of *Paramecium primaurelia* (Protista, Ciliophora) and its possible function in conjugation." *The Journal of Experimental Biology* **204** (June): 1901-1907.
- Delneri, Daniela, Isabelle Colson, Sofia Grammenoudi, Ian N. Roberts, Edward J. Louis, & Stephen G. Oliver.** 2003. "Engineering evolution to study speciation in yeasts." *Nature* **422** (6 March): 68-72.
- DeLong, Brad.** 1997. "Conservative Fear of Albert Einstein." *Bradford DeLong* 16 June posting (online text at *j-bradford-delong.net* accessed 4/16/2016).
- DeLong, Edward F.** 2012. "Microbial Evolution in the Wild." *Science* **336** (27 April): 422-424.
- DeLong, Edward F., Christa Schleper, Robert Feldman, & Ronald V. Swanson.** 1999. "Application of Genomics for Understanding the Evolution of Hyperthermophilic and Nonthermophilic Crenarchaeota." *The Biological Bulletin* **196** (June): 363-366.
- DeLong, John P., Jordan G. Okie, Melanie E. Moses, Richard M. Sibly, & James H. Brown.** 2010. "Shifts in metabolic scaling, production, and efficiency across major evolutionary transitions in life." *Proceedings of the National Academy of Sciences* **107** (20 July): 12941-12945.

- Deloria, Vine Jr.** 1973. *God Is Red*. New York: Grosset & Dunlap.
- . 1974. “Myth and the Origin of Religion.” *Pensée* (Fall): 45-50.
- . 1995. *Red Earth, White Lies: Native Americans and the Myth of Scientific Facts*. New York: Scribner.
- , ed. Barbara Deloria, Kristen Foehner, and Sam Scinta. 1999. *Spirit & Reason: The Vine Deloria, Jr., Reader*. Golden, CO: Fulcrum Publishing.
- . 2002. *Evolution, Creationism, and Other Modern Myths*. Golden, CO: Fulcrum Publishing.
- Delport, Wayne, Timothy M. Crowe, Penn Lloyd, & Paulette Bloomer.** 2007. “Population Growth Confounds Phylogeographic Inference in Namaqua Sandgrouse.” *Journal of Heredity* **100** (March-April): 158-164.
- Del-Prado, Ruth, Oscar Blanco, H. Thorsten Lumbsch, Pradeep K. Divakar, John A. Elix, M. Carmen Molina, & Ana Crespo.** 2013. “Molecular phylogeny and historical biogeography of the lichen-forming fungal genus *Flavoparmelia* (Ascomycota: Parmeliaceae).” *Taxon* **62** (October): 928-939.
- Del Rey, Lester.** 1960. *Rockets Through Space*. Rev. ed. Philadelphia: Winston.
- Delsemme, Armand H.** 1998. *Our Cosmic Origins: From the Big Bang to the Emergence of Life and Intelligence*. 2000 pb ed. Cambridge: Cambridge University Press.
- . 2001. “An Argument for the Cometary Origin of the Biosphere.” *American Scientist* **89** (September-October): 432-441.
- Delson, Eric.** 1997. “One skull does not a species make.” *Nature* **389** (2 October): 445-446.
- Delsuc, Frédéric, Henner Brinkmann, Daniel Chourrout, & Hervé Philippe.** 2006. “Tunicates and not cephalochordates are the closest living relatives of vertebrates.” *Nature* **439** (23 February): 965-968.
- Delsuc, Frédéric, François M. Catzeflis, Michael J. Stanhope, & Emmanuel J. P. Douzery.** 2001. “The evolution of armadillos, anteaters and sloths depicted by nuclear and mitochondrial phylogenies: implications for the status of the enigmatic fossil *Eurotamandua*.” *Proceedings of the Royal Society of London B* (Biological Sciences) **268** (7 August): 1605-1615.
- Delsuc, Frédéric, Gillian C. Gibb, Melanie Kuch, Guillaume Billet, Lionel Hautier, John Southon, Jean-Marie Rouillard, Juan Carlos Fernicola, Sergio F. Vizcaino, Ross D. E. MacPhee, & Hendrik N. Poinar.** 2016. “The phylogenetic affinities of the extinct glyptodonts.” *Current Biology* **26** (22 February): R155-R156.
- Delsuc, Frédéric, Matthew J. Phillips, & David Penny.** 2003. “Comment on ‘Hexapod Origins: Monophyletic or Paraphyletic?’” *Science* **301** (12 September): 1482.
- Delsuc, Frédéric, Georgia Tsagkogeorga, Nicolas Lartillot, & Hervé Philippe.** 2008. “Additional Molecular Support for the New Chordate Phylogeny.” *Genesis: The Journal of Genetics and Development (AKA Developmental Genetics)* **46** (November): 592-604.
- Deltshev, Christo, & Pavel Stoev,** eds. 2005. *European Arachnology 2005*. Sofia, Bulgaria: *Acta zoologica bulgarica* (Suppl. No. 1).
- De Luca, Filomena, Manuela Benvenuti, Filippo Carboni, Cecilia Pozzi, Gian Maria Rossolini, Stefano Mangani, & Jean-Denis Docquier.** 2011. “Evolution to carbapenem-hydrolyzing activity in noncarbapenemase class D β -lactamase OXA-10 by rational protein design.” *Proceedings of the National Academy of Sciences* **108** (8 November): 18424-18429.
- DeLuca, William V., Bradley K. Woodworth, Christopher C. Rimmer, Peter P. Marra, Philip D. Taylor, Kent P. McFarland, Stuart A. Mackenzie, & D. Ryan Norris.** 2015. “Transoceanic migration by a 12 g songbird.” *Royal Society Biology Letters* **11** (April): 20141045.
- Del Vicario, Michela, Alessandro Bessi, Fabiana Zollo, Fabio Petroni, Antonio Scala, Guido Caldarelli, H. Eugene Stanley, & Walter Quattrociocchi.** 2016. “The spreading of misinformation online.” *Proceedings of the National Academy of Sciences* **113** (19 January): 554-559.
- Delwiche, Charles F., Robert E. Andersen, Debashish Bhattacharya, Brent D. Mischler, &**

- Richard M. McCourt.** 2004. “Algal Evolution and the Early Radiation of Green Plants,” in Cracraft & Donoghue (2004, 121-137).
- Delwiche, Charles Francis, & Endymion Dante Cooper.** 2015. “The Evolutionary Origin of a Terrestrial Flora.” *Current Biology* **25** (5 October): R899-R910.
- DeMaere, Matthew Z., Timothy J. Williams, Michelle A. Allen, Mark V. Brown, John A. E. Gibson, John Rich, Federico M. Lauro, Michael Dyall-Smith, Karen W. Davenport, Tanja Woyke, Nikos C. Kyrpides, Susannah G. Tringe, & Ricardo Cavicchioli.** 2013. “High level of intergenera gene exchange shapes the evolution of haloarchaea in an isolated Antarctic lake.” *Proceedings of the National Academy of Sciences* **110** (15 October): 16939-16944.
- De Manuel, Marc, Martin Kuhlwil, Peter Frandsen, Vitor C. Sousa, Tariq Desai, Javier Prado-Martinez, Jessica Hernandez-Rodriguez, Isabelle Dupanloup, Oscar Lao, Pille Hallast, Joshua M. Schmidt, José Maria Heredia-Genestar, Andrea Benazzo, Guido Barbujani, Benjamin M. Peter, Lukas F. K. Kuderna, Ferran Casals, Samuel Angedakin, Mimi Arandjelovic, Christophe Boesch, Hjalmar-Kühl, Linda Vigilant, Kevin Langergraber, John Novembre, Marta Gut, Ivo Gut, Arcadi Navarro, Frands Carlsen, Aida M. Andrés, Hans R. Siegismund, Aylwyn Scally, Laurent Excoffier, Chris Tyler-Smith, Sergi Castellano, Yali Xue, Christina Hvilsom, & Tomas Marques-Bonet.** 2016. “Chimpanzee genomic diversity reveals ancient admixture with bonobos.” *Science* **354** (28 October): 477-481.
- De Mar, David G. Jr.** 2012. “An Illustrated Guide to latest Cretaceous Vertebrate Microfossils of the Hell Creek Formation of northeastern Montana.” University of Washington Burkh Museum “Discoveries in Geosciences” *DIG Field School* 28 June posting (online pdf at digfieldschool.org accessed 4/10/2015).
- DeMar, Gary.** 2004a. “And They Call This Science.” *American Vision* 18 September posting (online text at americanvision.org accessed 9/5/2011).
- . 2004b. “An Answer to an Evolutionist.” *American Vision* 23 November posting (online text at americanvision.org accessed 2/15/2011).
- . 2005. “The Constitution is No More.” *American Vision* 3 November posting (online text at americanvision.org accessed 9/5/2011).
- . 2006. “The Recovery of Biblical Creationism.” *American Vision* 3 March posting (online text at americanvision.org accessed 2/15/2011).
- . 2007. “The Atheist Debate.” *American Vision* 7 May posting (online text at americanvision.org accessed 2/15/2011).
- . 2008a. “Philosophy is Not Science.” *American Vision* 4 March Admin posting (online text at americanvision.org accessed 9/5/2011).
- . 2008b. “The Complete Biblical Picture.” *American Vision* 31 March Admin posting (online text at americanvision.org accessed 2/15/2011).
- . 2010. “Evolutionist Deniers, Bananas, and Zucchini.” *American Vision* 20 July posting (online text at americanvision.org accessed 2/15/2011).
- . 2011. “Rick Perry Questioned About Evolution and Science.” *American Vision* 22 August posting (online text at americanvision.org accessed 9/5/2011).
- . 2013a. “Magicians ‘Penn & Teller’ Are Atheistic Frauds.” *Political Outcast* 25 February posting (online text at politicaloutcast.com accessed 9/17/2013).
- . 2013b. “Atheists Bully School to Remove ‘You Shall Not Murder’ from School.” *Political Outcast* 15 April posting (online text at politicaloutcast.com accessed 9/17/2013).
- . 2013c. “Atheist Monument Opposes Ten Commandments with no Alternative.” *Political Outcast* 18 June posting (online text at politicaloutcast.com accessed 9/17/2013).
- DeMar, R., & H. R. Barghusen.** 1972. “Mechanics and the Evolution of the Synapsid Jaw.” *Evolution* **26** (April): 622-637.
- De Marcellus, Pierre, Cornelia Meinert, Juliia Mygorodska, Laurent Nahon, Thomas Buhse, Louis Le Sergeant d’Hendecourt, & Uwe J. Meierhenrich.** 2015. “Aldehydes and sugars from evolved precometary ice analogs: Importance of ices in astrochemical and prebiotic evolution.” *Proceedings of the National Academy of Sciences* **112** (27 January): 967-970.

- De Marcellus, Pierre, Cornelia Meinert, Michel Nuevo, Jean-Jacques Filippi, Grégoire Danger, Dominique Deboffe, Laurent Nahon, Louis Le Sergeant d'Hendecourt, & Uwe J. Meierhenrich.** 2011. "Non-racemic Amino Acid Production by Ultraviolet Irradiation of Achiral Interstellar Ice Analogs with Circularly Polarized Light." *The Astrophysical Journal Letters* **727** (February): L27.
- DeMarini, David M., Melissa L. Shelton, Amal Abu-Shakra, Akos Szakmary, & Jessie G. Levine.** 1998. "Spectra of Spontaneous Frameshift Mutations at the *hisD3052* Allele of *Salmonella typhimurium* in Four DNA Repair Backgrounds." *Genetics* **149** (May): 17-36.
- DeMarco, Emily.** 2015. "How spiders got their knees." *Science* posting 6 October (online text at sciencemag.org accessed 10/9/2015).
- Demarest, Arthur A.** 1993. "The Violent Saga of a Maya Kingdom." *National Geographic* **183** (February): 94-111.
- De Martino, Benedetto, Colin F. Camerer, & Ralph Adolphs.** 2010. "Amygdala damage eliminates monetary loss aversion." *Proceedings of the National Academy of Sciences* **107** (23 February): 3788-3792.
- De Martino, Benedetto, Dharshan Kumaran, Ben Seymour, & Raymond J. Dolan.** 2006. "Frames, Biases, and Rational Decision-Making in the Human Brain." *Science* **313** (4 August): 684-687.
- Demastes, Sherry S., John Settlege Jr., & Ron Good.** 1995. "Students' Conceptions of Natural Selection and Its Role in Evolution: Cases of Replication and Comparison." *Journal of Research in Science Teaching* **32** (May): 535-550.
- Dembo, Mana, Nicholas J. Matzke, Arne Ø. Mooers, & Mark Collard.** 2015. "Bayesian analysis of a morphological supermatrix sheds light on controversial fossil hominin relationships." *Proceedings of the Royal Society of London B* (Biological Sciences) **282** (7 August): 20150943.
- Demboski, John R., & Jack Sullivan.** 2003. "Extensive mtDNA variation within the yellow-pine chipmunk, *Tamias amoenus* (Rodentia: Sciuridae), and phylogeographic inferences for northwest North America." *Molecular Phylogenetics and Evolution* **26** (March): 389-408.
- Dembski, William A.** 1990. "Converting Matter Into Mind: Alchemy and the Philosopher's Stone in Cognitive Science." *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **42** (December): 202-226.
- . 1998a. "The Intelligent Design Movement." *Cosmic Pursuit* **1** (Spring): 22-26.
- . 1998b. "The Bible by Numbers." *First Things* (August/September): 61-64.
- . 1998c. "Science and Design." *First Things* (October): 21-27.
- . 1998d. *The Design Inference: Eliminating Chance Through Small Probabilities*. Cambridge: Cambridge University Press.
- . 1999a. *Intelligent Design: The Bridge Between Science & Theology*. Downers Grove, IL: InterVarsity Press.
- . 1999b. "Signs of Intelligence: A Primer on the Discernment of Intelligent Design." *Touchstone* (July/August): 76-84.
- . 1999c. "Are We Spiritual Machines?" *First Things* (October): 25-31.
- . 2000. "Intelligent Design Coming Clean." *Leadership U* posting 17 November of Metaviews 098 (online text at leaderu.com accessed 10/20/2010).
- . 2001a. "Is Intelligent Design Testable?" *Access Research Network* 24 January press release (online text at www.arn.org accessed 8/11/2008).
- . 2001b. "Teaching Intelligent Design: What Happened When?" *Access Research Network Meta* 27 February posting (online text at www.arn.org accessed 2/19/2014).
- . 2001c. "Why Natural Selection Can't Design Anything." *Leadership U* posting of Fall address (online pdf at leaderu.com accessed 9/22/2011).
- . 2001d. "What Have Butterflies to Do with Darwin?" *Discovery Institute* 12 December posting (online text at discovery.org accessed 1/20/2017).
- . 2002a. *No Free Lunch: Why Specified Complexity Cannot Be Purchased without Intelligence*. Lanham, MD: Rowman & Littlefield Publishers, Inc.
- . 2002b. "Edward Kennedy—Expert on Science?" *Access Research Network* 21 March

- press release (online text at www.arn.org accessed 6/14/2002).
- . 2002c. “Detecting Design in the Natural Sciences.” *Natural History* **111** (April): 76.
- . 2002d. “Obsessively criticized but scarcely refuted: A response to Richard Wein.” *Design Inference* posting last modified 23 April (online text at www.designinference.com accessed 8/25/2011).
- . 2002e. “Does Evolution Even Have a Mechanism?” *Design Inference* posting of 23 April American Museum of Natural History talk (online text at www.designinference.com accessed 9/22/2011).
- . 2002f. “The fantasy life of Richard Wein: A response to a response.” *Design Inference* posting (online text at www.designinference.com accessed 8/25/2011).
- . 2002g. “Skepticism’s Prospects for Unseating Intelligent Design.” *International Society For Complexity, Information, and Design* posting of *CSICOP Fourth World Skeptics Conference* (Burbank, California) 21 June presentation (online pdf at iscid.org accessed 8/9/2002).
- . 2002h. “Addicted to Caricatures: A Response to Brian Charlesworth.” *International Society For Complexity, Information, and Design* posting (online pdf at iscid.org accessed 8/9/2002).
- . 2002i. “Sheer versus Real Possibilities.” *Boston Review* **27** (October/November): online text accessed 5/6/2009 (bostonreview.net).
- . 2002j. “Becoming a Disciplined Science: Prospects, Pitfalls, and a Reality Check for ID.” *Access Research Network* posting (online text at www.arn.org accessed 4/14/2013).
- . 2003a. “Still Spinning Just Fine: A Response to Ken Miller.” *Design Inference* 17 February posting (online text at www.designinference.com accessed 9/22/2011).
- . 2003b. “Project Steve – Establishing the Obvious: A Response to the NCSE.” *Center for Science & Culture* posting 19 March (online text at discovery.org accessed 3/21/2003).
- . 2003c. “Gauging Intelligent Design’s Success.” *Design Inference* posting of Ian Ramsey Centre (Oxford) 30 October address (online pdf at www.designinference.com accessed 8/25/2011).
- . 2003d. “Paul Gross’s Dilemma: An Open Letter to the National Association of Scholars in Response to Paul Gross’s Article on Intelligent Design in the NAS’s September 2003 Issue of *Science Insights*.” *Design Inference* posting (online pdf at www.designinference.com accessed 11/3/2014).
- . 2004a. *The Design Revolution: Answering the Toughest Questions about Intelligent Design*. Downers Grove, IL: InterVarsity Press.
- . 2004b. “The Logical Underpinnings of Intelligent Design,” in Dembski & Ruse (2004, 311-330).
- . 2004c. “Ten Questions to Ask Your Biology Teacher about Design.” *Design Inference* posting (online text at www.designinference.com accessed 1/25/2011).
- , ed. 2004d. *Uncommon Dissent: Intellectuals Who Find Darwinism Unconvincing*. Wilmington, DE: ISI Books.
- . 2004e. “Introduction: The Myths of Darwinism,” in Dembski (2004d, xvii-xxxv).
- . 2004f. “The new age of information.” *World Magazine* posting 3 April (online text at www.worldmag.com accessed 3/31/2004).
- . 2004g. “Irreducible Complexity Revisited.” *Progress in Complexity, Information, and Design* **3.1** (November): online pdf accessed 9/22/2011 (designinference.com).
- . 2004h. “Unintelligent Evolution.” *Design Inference* posting of 22 November American Academy of Religion talk (online text at www.designinference.com accessed 9/22/2011).
- . 2004i. “Winning by Design.” *Touchstone* (July/August): online text accessed 11/5/2010 (www.touchstonemag.com).
- . 2005a. “Intelligent Design’s Contribution to the Debate Over Evolution: A Reply to Henry Morris.” *Freedom, Technology, Education* posting (online text at billdembski.com accessed 1/1/2016).
- . 2005b. “The Vise Strategy: Squeezing the Truth out of Darwinists.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 11 May article (online text at www.4truth.net accessed 11/27/2013).

- . 2005c. “The Extravagant Design of Nature.” *Uncommon Descent* posting 14 May (online text at *uncommondescent.com* accessed 5/10/2012).
- . 2005d. “Jeffrey Shallit.” *Uncommon Descent* posting 23 June (online text at *uncommondescent.com* accessed 1/30/2011).
- . 2005e. “Jeffrey Shallit, Part II.” *Uncommon Descent* posting 8 July (online text at *uncommondescent.com* accessed 1/30/2011).
- . 2005f. “Specification: The Pattern That Signifies Intelligence.” *Design Inference* posting of 15 August text (online pdf at *www.designinference.com* accessed 8/4/2013).
- . 2005g. “What Have Butterflies Got to Do with Darwin?” *Uncommon Descent* posting 22 November (online text at *uncommondescent.com* accessed 4/5/2013).
- . 2005h. “‘Science Wars’—transcripts now available.” *Uncommon Descent* posting 29 November (online text at *uncommondescent.com* accessed 8/27/2012).
- . 2005i. “Leo Kadanoff on Complexity.” *Uncommon Descent* posting 30 November (online text at *uncommondescent.com* accessed 8/21/2012).
- . 2005j. “Fundamentalists Beat Up Mr. Anti-ID, Paul Mirecki.” *Uncommon Descent* posting 7 December (online text at *uncommondescent.com* accessed 12/12/2005).
- . 2006a. “In Defense of Intelligent Design,” in Clayton & Simpson (2006, 715-731).
- . 2006b, ed. *Darwin’s Nemesis*. Downers Grove, IL: IVP Books (InterVarsity Press).
- . 2006c. “Preface,” in Dembski (2006c, 11-24).
- . 2006d. “Dealing with the Backlash Against Intelligent Design,” in Dembski (2006b, 81-104).
- . 2006e. “Roger Ebert: Film Critic, Expert on Evolution, ID Basher, and Overall Supergenius....” *Uncommon Descent* posting 23 April (online text at *uncommondescent.com* accessed 4/6/2013).
- . 2006f. “Ann Coulter weighs in on Darwinism.” *Uncommon Descent* posting 26 April (online text at *uncommondescent.com* accessed 7/7/2016).
- . 2006g. “Intelligent Design: Are We Here By Accident?” North Carolina Family Policy Council *Findings* June policy posting (online pdf at *www.ncfc.org* accessed 3/16/2014).
- . 2006h. “For sheer smarminess, this one is hard to beat....” *Uncommon Descent* posting 10 July (online text at *uncommondescent.com* accessed 7/13/2006).
- . 2006i. “Marsupials and Placentals: a case of front-loaded, pre-programmed, designed evolution?” *Uncommon Descent* posting 13 July (online text at *uncommondescent.com* accessed 7/13/2006).
- . 2006j. “‘I take all responsibility for any errors in those chapters’,” *Uncommon Descent* posting 24 July (online text at *uncommondescent.com* accessed 4/5/2011).
- . 2006k. “Troll-of-the-month award.” *Uncommon Descent* posting 2 August (online text at *uncommondescent.com* accessed 3/22/2011).
- . 2006l. “Unveiling overwhelming evidence.com—give us your young people....” *Uncommon Descent* posting 30 September (online text at *uncommondescent.com* accessed 6/28/2014).
- . 2006m. “Evolution—No longer inspiring the confidence it once did.” *Uncommon Descent* posting 15 October (online text at *uncommondescent.com* accessed 5/5/2013).
- . 2006n. “Ken Poppe’s RECLAIMING SCIENCE FROM DARWINISM.” *Uncommon Descent* posting 30 December (online text at *uncommondescent.com* accessed 4/7/2009).
- . 2007. “J. Scott Turner in the Chronicle of Higher Education—ID is asking the right questions!” *Uncommon Descent* posting 27 January (online text at *uncommondescent.com* accessed 12/28/2010).
- . 2008a. “Merely a Theory.” *Uncommon Descent Scordova* posting 21 February (online text at *www.uncommondescent.com* accessed 10/12/2011).
- . 2008b. “Dinesh D’Souza speaks out against ID.” *Uncommon Descent* posting 1 April (online text at *uncommondescent.com* accessed 5/4/2011).
- . 2008c. “What’s wrong with uttering ‘Darwin’ and ‘Hitler’ in the same breath?” *Uncommon Descent* posting 18 April (online text at *uncommondescent.com* accessed 7/18/2010).
- . 2008d. “Text Questions at Second Baptist Houston.” *Uncommon Descent* posting 6

- August (online text at *uncommondescent.com* accessed 8/11/2008).
- . 2009a. “Intelligent Design: A Brief Introduction.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at *www.4truth.net* accessed 11/27/2013).
- . 2009b. “Discovery Commissions Zogby Poll—Design Trumps Darwin.” *Uncommon Descent* posting 30 June (online text at *uncommondescent.com* accessed 2/4/2012).
- . 2009c. *The End of Christianity: Finding a Good God in an Evil World*. Nashville, TN: B&H Publishing Group.
- . 2009d. “*The End of Christianity* now available at Amazon.com.” *Uncommon Descent* posting 13 October (online text at *uncommondescent.com* accessed 10/20/2010).
- . 2009e. “RationalWiki copyright infringement.” *Uncommon Descent* posting 15 November (online text at *uncommondescent.com* accessed 8/26/2011).
- . 2009f. “Meyer’s SIGNATURE IN THE CELL—one of Thomas Nagel’s top two books of 2009.” *Uncommon Descent* posting 25 November (online text at *uncommondescent.com* accessed 1/13/2010).
- . 2010a. “What Have Butterflies Got to Do with Darwin? Part II.” *Uncommon Descent* posting 6 March (online text at *uncommondescent.com* accessed 4/5/2013).
- . 2010b. “BEACON comes home with the bacon!” *Uncommon Descent* posting 30 May (online text at *uncommondescent.com* accessed 5/31/2010).
- . 2010c. “Saving Our Freedoms from Darwin.” *A Voice of Sanity* 19 November guest posting by Robert Ringer (online text at *avoicesofsanity.com* accessed 8/9/2014).
- . 2011a. “Libertarians Against Darwin.” *Uncommon Descent* posting 13 January (online text at *uncommondescent.com* accessed 9/9/2014).
- . 2011b. “Ants Solve Steiner Problem.” *Uncommon Descent* posting 18 February (online text at *uncommondescent.com* accessed 2/19/2011).
- . 2011c. “Elsevier publishes Granville Sewell’s latest on the Second Law.” *Uncommon Descent* posting 19 February (online text at *uncommondescent.com* accessed 3/5/2011).
- . 2011d. “Craig Venter denies common descent—Dawkins incredulous.” *Uncommon Descent* posting 10 March (online text at *uncommondescent.com* accessed 8/9/2015).
- . 2012a. “Is James Shapiro a Design Theorist?” *Discovery Institute Evolution News & Views* for 12 January (online text at *evolutionnews.org* accessed 7/22/2012).
- . 2012b. “Is James Shapiro a Darwinist After All?” *Discovery Institute Evolution News & Views* for 25 January (online text at *evolutionnews.org* accessed 7/22/2012).
- . 2012c. “Southern Baptist Voices: Is Darwinism Theologically Neutral?” *The BioLogos Foundation* 30 April posting (online text at *biologos.org* accessed 5/10/2012).
- . 2012d. “Southern Baptist Voices: Is Darwinism Theologically Neutral? Part II.” *The BioLogos Foundation* 30 April posting (online text at *biologos.org* accessed 5/10/2012).
- . 2012e. “Is Darwinism Theologically Neutral? A Reply to Darrell Falk.” *Discovery Institute Evolution News & Views* for 9 May (online text at *evolutionnews.org* accessed 5/10/2012).
- . 2012f. “Defecting from Darwinian Naturalism: A Review of Thomas Nagel’s *Mind & Cosmos*.” *Discovery Institute Evolution News & Views* for 5 November (online text at *evolutionnews.org* accessed 12/13/2012).
- . 2012g. “Rational Justification as Detailed Articulation: A Reply to Barham and Nagel.” *Discovery Institute Evolution News & Views* for 6 December (online text at *evolutionnews.org* accessed 12/13/2012).
- . 2013a. “Pummeled with Pom Poms: Thomas Nagel and His Critics.” *Discovery Institute Evolution News & Views* for 6 February (online text at *evolutionnews.org* accessed 2/6/2013).
- . 2013b. “Before They’ve Even Seen Stephen Meyer’s New Book, Darwinists Waste No Time in Criticizing *Darwin’s Doubt*.” *Discovery Institute Evolution News & Views* for 4 April (online text at *evolutionnews.org* accessed 4/8/2013).
- . 2014a. *Being As Communion: A Metaphysics of Information*. Farnham, UK: Ashgate.
- . 2014b. “Responding to My Talk at the University of Chicago, Joe Felsenstein’s Argument by Misdirection.” *Discovery Institute Evolution News & Views* 7 October posting (online

- text at *evolutionnews.org* accessed 10/8/2014).
- . 2015a. “A Design Theorist’s Brief Guide to Rupert Sheldrake.” Discovery Institute *Evolution News & Views* 12 May posting (online text at *evolutionnews.org* accessed 5/15/2015).
- . 2015b. “A New Day.” *Freedom, Technology, Education* 9 November posting (online text at *billdembski.com* accessed 1/1/2016).
- Dembski, William A., Winston Ewert, & Robert J. Marks II.** 2013. “A General Theory of Information Cost Incurred by Successful Search,” in Marks *et al.* (2013a, 26-63).
- Dembski, William A., & James M. Kushiner,** eds. 2001. *Signs of Intelligence: Understanding Intelligent Design*. Grand Rapids, MI: Brazos Press (Baker Book House).
- Dembski, William A., & Michael R. Licona,** eds. 2010. *Evidence for God: 50 Arguments for Faith from the Bible, History, Philosophy, and Science*. Grand Rapids, MI: Baker Books.
- Dembski, William A., & Robert J. Marks II.** 2009a. “Conservation of Information in Search: Measuring the Cost of Success.” *IEEE Transactions on Systems, Man, and Cybernetics A* (Systems and Humans) **39** (September): 1051-1061.
- . 2009b. “Bernoulli’s *Principle of Insufficient Reason* and Conservation of Information in Computer Search.” *Proceedings of the 2009 IEEE International Conference on Systems, Man, and Cybernetics* San Antonio, Texas (October): 2647-2652.
- . 2009c. “Life’s Conservation Law: Why Darwinian Evolution Cannot Create Biological Information,” in Gordon & Dembski (2009, online pdf at *evoinfo.org* accessed 8/25/2011).
- . 2010. “The Search for a Search: Measuring the Information Cost of Higher Level Search.” *Journal of Advanced Computational Intelligence and Intelligent Informatics* **14** (July): 475-485.
- Dembski, William A., & Michael Ruse,** eds. 2004. *Debating Design: From Darwin to DNA*. Cambridge: Cambridge University Press.
- Dembski, William, Robert Russell, & Eugenie Scott.** 2001. “IN WHOSE IMAGE? Evolution and Spirituality.” Hoover Institute *Uncommon Knowledge* 7 December posting (online text at *www.hoover.org* accessed 4/8/2012).
- Dembski, William, & Eugenie Scott.** 2001. “DARWIN UNDER THE MICROSCOPE: Questioning Darwinism.” Hoover Institute *Uncommon Knowledge* 7 December posting (online text at *www.hoover.org* accessed 4/8/2012).
- Dembski, William A., & Jonathan Wells.** 2008. *The Design of Life: Discovering Signs of Intelligence in Biological Systems*. Dallas, TX: Foundation for Thought and Ethics.
- . 2016a. “The Challenge of Adaptational Packages.” Discovery Institute *Evolution News & Views* 22 June posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016b. “Why Fossils Cannot Demonstrate Darwinian Evolution.” Discovery Institute *Evolution News & Views* 6 July posting (online text at *evolutionnews.org* accessed 7/7/2016).
- Demby, Gene.** 2013. “Boy Scouts’ Repeal Of Gay Ban Mirrors Its Approach To Racial Integration.” *WBUR* NPR 30 January posting (online text at *www.wbur.org* accessed 2/7/2013).
- De Meaux, Juliette, Jin-Yong Hu, Ute Tartler, & Ulrike Goebel.** 2008. “Structurally different alleles of the ath-*MIR824* microRNA precursor are maintained at high frequency in *Arabidopsis thaliana*.” *Proceedings of the National Academy of Sciences* **105** (1 July): 8994-8999.
- De Mendoza, Alex, & Iñaki Ruiz-Trillo.** 2011. “The Mysterious Evolutionary Origin for the GNE Gene and the Root of Bilateria.” *Molecular Biology and Evolution* **28** (November): 2987-2991.
- De Mendoza, Alex, Arnau Sebé-Pedrós, Martin Sebastijan Šestak, Marija Matejčić, Guifré Torruella, Tomislav Domazet-Lošo, & Iñaki Ruiz-Trillo.** 2013. “Transcription factor evolution in eukaryotes and the assembly of the regulatory toolkit in multicellular lineages.” *Proceedings of the National Academy of Sciences* **110** (10 December): E4858-E4866.
- De Mendoza, Alex, Hiroshi Suga, & Iñaki Ruiz-Trillo.** 2010. “Evolution of the MAGUK protein gene family in premetazoan lineages.” *BMC Evolutionary Biology* (online @

- biomedcentral.com) **10** (1 April): 93.
- DeMenocal, Peter B.** 2001. “Cultural Responses to Climate Change During the Late Holocene.” *Science* **292** (27 April): 667-673.
- . 2011. “Climate and Human Evolution.” *Science* **331** (4 February): 540-542.
- DeMenocal, Peter, Joseph Ortiz, Tom Guilderson, & Michael Sarnthein.** 2000. “Coherent High- and Low-Latitude Climate Variability During the Holocene Warm Period.” *Science* **288** (23 June): 2198-2202.
- DeMenocal, Peter B., & Chris Stringer.** 2016. “Climate and the peopling of the world.” *Nature* **538** (6 October): 49-50.
- Deméré, Thomas A., & Annalisa Berta.** 2008. “Skull anatomy of the Oligocene toothed mysticete *Aetiocetus weltoni* (Mammalia; Cetacea): implications for mysticete evolution and functional anatomy.” *Zoological Journal of the Linnean Society* **154** (October): 308-352.
- Deméré, Thomas A., Michael R. McGowen, Annalisa Berta, & John Gatesy.** 2008. “Morphological and Molecular Evidence for a Stepwise Evolutionary Transition from Teeth to Baleen in Mysticete Whales.” *Systematic Biology* **57** (February): 15-37.
- Demeshkina, Natalia, Lasse Jenner, Eric Westhof, Marat Yusupov, & Gulnara Yusupova.** 2012. “A new understanding of the decoding principle on the ribosome.” *Nature* **484** (12 April): 256-259.
- Demeter, Fabrice, Laura L. Shackelford, Anne-Marie Bacon, Philippe Durringer, Kira Westaway, Thongsay Sayavongkhamdy, José Braga, Phonephanh Sichanthongtip, Phimmasaeng Khamdalavong, Jean-Luc Ponche, Hong Wang, Craig Lundstrom, Elise Patole-Edoumba, & Anne-Marie Karpoff.** 2012. “Anatomically modern human in Southeast Asia (Laos) by 46 ka.” *Proceedings of the National Academy of Sciences* **109** (4 September): 14375-14380.
- Demeter, Fabrice, Laura L. Shackelford, Kira Westaway, Philippe Durringer, Thongsay Sayavongkhamdy, & Anne-Marie Bacon.** 2012. “Reply to Pierret et al.: Stratigraphic and dating consistency reinforces the status of Tam Pa Ling fossil.” *Proceedings of the National Academy of Sciences* **109** (18 December): E3525.
- D’Emic, M. D.** 2015. “Comment on ‘Evidence for mesothermy in dinosaurs’.” *Science* **348** (29 May): 982.
- Demick, David.** 1999a. “No. 308—The Blind Gunman.” Institute for Creation Research *Impact* (February): i-iv.
- . 1999b. “The Blind Gunman.” Institute for Creation Research *Acts & Facts* (February) posting (online text at *icr.org* accessed 6/12/2014).
- . 2001. “Cancer and the Curse.” Institute for Creation Research *Acts & Facts* (January) posting (online text at *icr.org* accessed 6/12/2014).
- . 2005a. “Lessons from the Scopes Trial.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **22** (March/April): 3.
- . 2005b. “Macroevolution vs. Microevolution.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **22** (November/December): 3.
- . 2008. “Chaperone Proteins: Another Obstacle to Darwinism.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **25** (March/April): 3.
- DeMiguel, Daniel, Mikael Fortelius, Beatriz Azanza, & Jorge Morales.** 2008. “Ancestral feeding state of ruminants reconsidered: earliest grazing adaptation claims a mixed condition for Cervidae.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (18 January): 13.
- Deming, David.** 2004. “Can a Single Bubble Sink a Ship?” *Journal of Scientific Exploration* **18** (2): 307-312.
- Deming, Drake.** 2013. “An infernal Earth.” *Nature* **503** (21 November): 344-345.
- . 2015. “A small star with an Earth-like planet.” *Nature* **527** (12 November): 169-170.
- DeMint, Jim.** 2011. “Ohio Showdown.” *Townhall Daily* for 26 August (online text via *townhall.com* accessed 8/26/2011).
- . 2013. “My First Day as Heritage’s President.” *The Heritage Foundation* email newsletter posting 4 May (online text via *heritage.org* accessed 4/4/2013).

- Demirtas-Tatlidede, Asli, & Jeremy D. Schmahmann.** 2013. “Morality: incomplete without the cerebellum?” *Brain* **136** (August): e244.
- Demise of the USA.** 2012. “Non believer.” *Demise of the USA* undated posting (online text at www.demiseoftheusa.com accessed 8/27/2012).
- Demko, Timothy M., Kathleen Nicoll, Joseph J. Beer, Stephen T. Hasiotis, & Lisa E. Park.** 2005. “Mesozoic Lakes of the Colorado Plateau,” in Pederson & Dehler (2005, 329-356).
- Demko, Timothy M., Judith Totman Parrish, & Russell F. Dubiel.** 1998. “Plant taphonomy in incised valleys: Implications for interpreting paleoclimate from fossil plants.” *Geology* **26** (December): 1119-1122.
- Démonet, Jean-François, Guillaume Thierry, & Dominique Cardebat.** 2005. “Renewal of the Neurophysiology of Language: Functional Neuroimaging.” *Physiological Reviews* **85** (January): 49-95.
- De Moor, Alexander.** 2010. “The Lower Cantwell Formation and Its Fossils.” National Park Service (Denver) *Geosciences In the Parks* posting (online text at www.nature.nps.gov accessed 6/13/2015).
- De Moraes, Lisa.** 2001. “PBS’s ‘Evolution’ Prompts a New Sort of Trial.” *The Washington Post* posting 27 July: online text accessed 8/2/2001 (www.washingtonpost.com) not available as of 10/9/2014.
- DeMott, Drew.** 2001. “*Freiler v. Tangipahoa Parish Board of Education*: Disclaiming t’The Gospel of Modern Science’.” *Regent University Law Review* **13** (Spring): 597-617.
- Demouchy, Sylvie, Steven D. Jacobsen, Fabrice Gaillard, & Charles R. Stern.** 2006. “Rapid magma ascent recorded by water diffusion profiles in mantle olivine.” *Geology* **34** (June): 429-432.
- Demoulin, Vincent.** 1979. “Protein and Nucleic Acid Sequence Data and Phylogeny,” with Response by **Robert M. Schwartz & Margaret O. Dayhoff.** *Science* **205** (7 September): 1036-1039.
- Dempster, W. T.** 1935. “The Brain Case and Endocranial Cast of *Eryops megacephalus* (Cope).” *The Journal of Comparative Neurology* **62** (August): 171-196.
- De Muizon, Christian.** 2001. “Walking with whales.” *Nature* **413** (20 September): 259-260.
- . 2011. “Fresh light on southern early mammals.” *Nature* **479** (3 November): 51-52.
- Demuth, Jeffery P., Tijn De Bie, Jason E. Stajich, Nello Cristianini, & Matthew W. Hahn.** 2006. “The Evolution of Mammalian Gene Families.” *PLoS ONE* (online @ plosone.org) **1** (December): e85.
- Denby, Charles M., Joo Hyun Im, Richard C. Yu, C. Gustavo Pesce, & Rachel B. Brem.** 2012. “Negative feedback confers mutational robustness in yeast transcription factor regulation.” *Proceedings of the National Academy of Sciences* **109** (6 March): 3874-3878.
- Denby, David.** 2013. “How Could Harvard Have Published Ben Urwand’s ‘The Collaboration’?” *The New Yorker* (23 September): online text accessed 5/29/2014 (newyorker.com).
- Denef, Vincent J., & Jillian F. Banfield.** 2012. “In Situ Evolutionary Rate Measurements Show Ecological Success of Recently Emerged Bacterial Hybrids.” *Science* **336** (27 April): 462-466.
- Denegre, James M., James M. Valles Jr., Kevin Lin, W. B. Jordan, & Kimberly L. Mowry.** 1998. “Cleavage planes in frog eggs are altered by strong magnetic fields.” *Proceedings of the National Academy of Sciences* **95** (8 December): 14729-14732.
- Denes, Alexandru S., Gáspár Jékely, Patrick R. H. Steinmetz, Florian Raible, Heidi Snyman, Benjamin Prud’homme, David E. K. Ferrier, Guillaume Balavoine, & Detlev Arendt.** 2007. “Molecular Architecture of Annelid Nerve Cord Supports Common Origin of Nervous System Centralization in Bilateria.” *Cell* **129** (20 April): 277-288.
- De Neys, Wim.** 2010. “Heuristic Bias, Conflict, and Rationality in Decision-Making,” in Glatzeder *et al.* (2010, 23-33).
- De Neys, Wim, Elke Moyens, & Dora Vansteenwegen.** 2010. “Feeling we’re biased: Autonomic arousal and reasoning conflict.” *Cognitive, Affective, & Behavioral Neuroscience* **10** (June): 208-216.

- De Neys, Wim, Oshin Vartanian, & Vinod Goel.** 2008. “Smarter Than We Think: When Our Brains Detect That We Are Biased.” *Psychological Science* **19** (May): 483-489.
- Deng, Boer.** 2015. “The Robot’s Dilemma.” *Nature* **523** (2 July): 24-26.
- Deng, Cheng, C.-H. Christina Cheng, Hua Ye, Ximiao He, & Liangbiao Chen.** 2010. “Evolution of an antifreeze protein by neofunctionalization under escape from adaptive conflict.” *Proceedings of the National Academy of Sciences* **107** (14 December): 21593-21598.
- Deng, Huimin, Jialing Zhang, Yong Li, Sichen Zheng, Lin Liu, Lihua Huang, Wei-Hua Xu, Subba R. Palli, & Qili Feng.** 2012. “Homeodomain POU and Abd-A proteins regulate the transcription of pupal genes during metamorphosis of the silkworm, *Bombyx mori*.” *Proceedings of the National Academy of Sciences* **109** (31 July): 12598-12603.
- Deng, Tao.** 2008. “Comparison between woolly rhino forelimbs from Longdan, Northwestern China and Tologoi, Transbaikalian region.” *Quaternary International* **179** (March): 196-207.
- Deng, Tao, Ze-Long Nie, Bryan T. Drew, Sergei Volis, Changkyun Kim, Chun-Lei Xiang, Jian-Wen Zhang, Yue-Hua Wang, & Hang Sun.** 2015. “Does the Arcto-Tertiary Biogeographic Hypotheses Explain the Disjunct Distribution of Northern Hemisphere Herbaceous Plants? The Case of *Meehania* (Lamiaceae).” *PLoS ONE* (online @ plosone.org) **10** (February): e0117171.
- Deng, Tao, Xiaoming Wang, Mikael Fortelius, Qiang Li, Yang Wang, Zhijie J. Tseng, Gary T. Takeuchi, Joel E. Saylor, Laura K. Säilä, & Guangpu Xie.** 2011. “Out of Tibet: Pliocene Woolly Rhino Suggests High-Plateau Origin of Ice Age Megaherbivores.” *Science* **333** (2 September): 1285-1288.
- Deng, Wen-Tao, Keisuke Sakurai, Jianwen Liu, Astra Dinculescu, Jie Li, Jijing Pang, Seok-Hong Min, Vince A. Chiodo, Sanford L. Boye, Bo Chang, Vladimir J. Kefalov, & William W. Hauswirth.** 2009. “Functional interchangeability of rod and cone transducin α -subunits.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17681-17686.
- Denham, Charles R., & Alan D. Chave.** 1982. “Detrital remanent magnetization: Viscosity theory of the lock-in zone.” *Journal of Geophysical Research* **87** (10 August): 7126-7130.
- Denham, Tim.** 2013. “Ancient and historic dispersals of sweet potato in Oceania.” *Proceedings of the National Academy of Sciences* **110** (5 February): 1982-1983.
- Denham, Tim, & Mark Donohue.** 2012. “Lack of correspondence between Asian-Papuan genetic admixture and Austronesian language dispersal in eastern Indonesia.” *Proceedings of the National Academy of Sciences* **109** (25 September): E2577.
- Denham, T. P., S. G. Haberle, C. Lentfer, R. Fullagar, J. Field, N. Porch, & B. Winsborough.** 2003. “Origins of Agriculture at Kuk Swamp in the Highlands of New Guinea.” *Science* **301** (11 July): 189-193.
- Denhoed, Andrea.** 2015. “Tom Wolfe Looks Over His Notes.” *The New Yorker* (28 February): online text accessed 1/2/2016 ([newyorker.com](http://www.newyorker.com)).
- Denion, Eric, Martin Hitier, Vincent Guyader, Audrey-Emmanuelle Dugué, & Frédéric Mouriaux.** 2015. “Unique human orbital morphology compared with that of apes.” *Scientific Reports* (online @ www.nature.com/srep/) **5** (25 June): 11528.
- Denison, R. Ford, & Katherine Muller.** 2016. “The Evolution of Cooperation.” *The Scientist* posting 1 January (online text at the-scientist.com accessed 1/4/2016).
- Denisov, Alexei Yu, Anne M. Noronha, Christopher J. Wilds, Jean-François Trempe, Richard T. Pon, Kalle Gehring, & Masad J. Damha.** 2001. “Solution structure of an arabinonucleic acid (ANA)/RNA duplex in a chimeric hairpin: comparison with 2’-fluoro-ANA/RNA and DNA/RNA hybrids.” *Nucleic Acids Research* **29** (1 November): 4284-4293.
- Denk, Thomas, Friðgeir Gímsson, Reinhard Zetter, & Leifur A. Simonarson.** 2011. “The Biogeographic History of Iceland—The North Atlantic Land Bridge Revisited.” *Topics in Geobiology* **35** (23 February): 647-688.
- Denlinger, R. P., & D. R. H. O’Connell.** 2010. “Simulations of cataclysmic outburst floods

- from Pleistocene Glacial Lake Missoula.” The Geological Society of America *GSA Bulletin* **122** (May/June): 678-689.
- Dennehy, John J.** 2012. “What Can Phages Tell Us about Host-Pathogen Coevolution?” *International Journal of Evolutionary Biology* (online @ ncbi.nlm.nih.gov) **2012**: 396165.
- Dennell, Robin.** 2010. “Early *Homo sapiens* in China.” *Nature* **468** (25 November): 512-513.
- . 2011. “An Earlier Acheulian Arrival in South Asia.” *Science* **331** (25 March): 1532-1533.
- . 2015. “*Homo sapiens* in China 80,000 years ago.” *Nature* **526** (29 October): 647-648.
- Dennett, Daniel C.** 1991. *Consciousness Explained*. Boston: Little, Brown & Co.
- . 1995. *Darwin’s Dangerous Idea: Evolution and the Meanings of Life*. 1996 pb ed. New York: Touchstone.
- . 1996. “The Scope of Natural Selection.” *Boston Review* **21** (October/November): online text accessed 2/15/2002 (*bostonreview.net*).
- . 1997a. “A Scientific Snow Job.” *Boston Review* **22** (February/March): online text accessed 2/15/2002 (*bostonreview.net*).
- . 1997b. “‘Darwinian Fundamentalism’: An Exchange.” *The New York Review of Books* (14 August): online text accessed 3/16/2015 (*nybooks.com*).
- . 1999. “Why Getting It Right Matters.” *Free Inquiry* **20** (Winter): 40-43.
- . 2003. *Freedom Evolves*. New York: Viking Press.
- . 2006. *Breaking the Spell: Religion As A Natural Phenomenon*. New York: Viking Press.
- . 2009. “Darwin’s ‘strange inversion of reasoning.’” *Proceedings of the National Academy of Sciences* **106** (16 June): 10061-10065.
- Dennett, Daniel C., & Alvin Plantinga.** 2011. *Science and Religion: Are They Compatible?* New York: Oxford University Press.
- Dennis, Carina.** 2002. “The brave new world of RNA.” *Nature* **418** (11 July): 122-124.
- Dennis, John C., Timothy D. Smith, Kunwar P. Bhatnagar, Christopher J. Bonar, Anne M. Burrows, & Edward E. Morrison.** 2004. “Expression of Neuron-Specific Markers by the Vomeronasal Neuroepithelium in Six Species of Primates.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1190-1200.
- Dennis, Jonathan, Yu Qiang, Tang Huajin, Tran Huy Dat, & Li Haizhou.** 2013. “Temporal Coding of Local Spectrogram Features for Robust Sound Recognition.” *Proceedings of ICASSP (Acoustics, Speech and Signal Processing) 2013 IEEE International Conference Vancouver, BC (26-31 May)* article posting (online pdf at www3.ntu.edu.sg accessed 11/13/2013): 803-807.
- Dennis, Kingsley.** 2010. “Quantum Consciousness: The Way to Reconcile Science and Spirituality.” *Huffington Post* posting 17 July (online text at huffingtonpost.com accessed 7/18/2010).
- Dennis, Megan Y., Xander Nuttle, Peter H. Sudmant, Francesca Antonacci, Tina A. Graves, Mikhail Nefedov, Jill A. Rosenfeld, Saba Sajjadian, Maika Malig, Holland Kotkiewicz, Cynthia J. Curry, Susan Shafer, Lisa G. Shaffer, Pieter J. de Jong, Richard K. Wilson, & Evan E. Eichler.** 2012. “Evolution of Human-Specific Neural *SRGAP2* Genes by Incomplete Segmental Duplication.” *Cell* **149** (11 May): 912-922.
- Denny, Mark W., Brent L. Lockwood, & George N. Somero.** 2009. “Can the giant snake predict palaeoclimate?” *Nature* **460** (30 July): E3-E4.
- Denoeud, France, Lorenzo Carretero-Paulet, Alexis Dereeper, Gaëtan Droc, Romain Guyot, Marco Pietrella, Chunfang Zheng, Adriana Alberti, François Anthony, Giuseppe Aprea, Jean-Marc Aury, Pascal Bento, Maria Bernard, Stéphanie Bocs, Claudine Campa, Alberto Cenci, Marie-Christine Combes, Dominique Cruzillat, Corinne Da Silva, Loretta Daddiego, Fabien De Bellis, Stéphane Dussert, Olivier Garsmeur, Thomas Gayraud, Valentin Guignon, Katharina Jahn, Véronique Jamilloux, Thierry Joët, Karine Labadie, Tianying Lan, Julie Leclercq, Maud Lepelley, Thierry Leroy, Lei-Ting Li, Pablo Librado, Loredana Lopez, Adriana Muñoz, Benjamin Noel, Alberto Pallavicini, Gaetano Perrotta, Valérie Poncet, David Pot, Priyono, Michel Rigoreau, Mathieu Rouard, Julio Rozas, Christine Tranchant-Dubreuil, Robert VanBuren, Qiong Zhang, Alan C. Andrade, Xavier Argout, Benoit Bertrand,**

- Alexandre de Kochko, Giorgio Graziosi, Robert J. Henry, Jayarama, Ray Ming, Chifumi Nagai, Steve Rounsley, David Sankoff, Giovanni Giuliano, Victor A. Albert, Patrick Wincker, & Philippe Lashermes.** 2014. “The coffee genome provides insight into the convergent evolution of caffeine biosynthesis.” *Science* **345** (5 September): 1181-1184.
- Denoeud, France, Simon Henriet, Sutada Mungpakdee, Jean-Marc Aury, Corinne Da Silva, Henner Brinkman, Jana Mikhaleva, Lisbeth Charlotte Olsen, Claire Jubin, Cristian Cañestro, Jean-Marie Bouquet, Gemma Danks, Julie Poulain, Coen Campsteijn, Marcin Adamski, Ismael Cross, Fekadu Yadetie, Matthieu Muffato, Alexandra Louis, Stephen Butcher, Georgia Tsagkogeorga, Anke Konrad, Sarabdeep Singh, Marit Flo Jensen, Evelyne Huynh Cong, Helen Eikeseth-Otteraa, Benjamin Noel, Véronique Anthouard, Betina M. Porcel, Rym Kachouri-Lafond, Atsuo Nishino, Matteo Ugolini, Pascal Chourrout, Hiroki Nishida, Rein Aasland, Snehalata Huzurbazar, Eric Westhof, Frédéric Delsuc, Hans Lehrach, Richard Reinhardt, Jean Weissenbach, Scott W. Roy, François Artiguenave, John H. Postlethwait, J. Robert Manak, Eric M. Thompson, Olivier Jaillon, Louis De Pasquier, Pierre Boudinot, David A. Liberles, Jean-Nicolas Volff, Hervé Philippe, Boris Lenhard, Hugues Roest Crollius, Patrick Wincker, & Daniel Chourrout.** 2010. “Plasticity of Animal Genome Architecture Unmasked by Rapid Evolution of a Pelagic Tunicate.” *Science* **330** (3 December): 1381-1385.
- De Nooijer, Lennart Jan, Takashi Toyofuku, & Hiroshi Kitazato.** 2009. “Foraminifera promote calcification by elevating their intracellular pH.” *Proceedings of the National Academy of Sciences* **106** (8 September): 15374-15378.
- De Nooijer, Silvester, Barbara R. Holland, & David Penny.** 2009. “The Emergence of Predators in Early Life: There was No Garden of Eden.” *PLoS ONE* (online @ plosone.org) **4** (June): e5507.
- Dent, George W. Jr.** 2006. “Civil Rights for Whom?: Gay Rights versus Religious Freedom.” *Case Research Paper Series in Legal Studies Working Paper 06-16* (September) article (online pdf at papers.ssm.com accessed 4/13/2014).
- . 2011. “Straight Is Better: Why Law and Society May Justly Prefer Heterosexuality.” *Texas Review of Law & Politics* **15** (12 July): 359-436.
- Dent, L.** 2013. “A New Model of Intracellular Communication Based on Coherent, High-Frequency Vibrations in Biomolecules,” in Marks *et al.* (2013a, 435-449).
- Denton, G. H., R. F. Anderson, J. R. Toggweiler, R. L. Edwards, J. M. Schaefer, & A. E. Putnam.** 2010. “The Last Glacial Termination.” *Science* **328** (25 June): 1652-1656.
- Denton, Michael.** 1985. *Evolution: A Theory in Crisis*. 1986 US ed. Bethesda, MD: Adler & Adler.
- . 1998. *Nature's Destiny: How the Laws of Biology Reveal Purpose in the Universe*. New York: The Free Press.
- . 1999. “The Inverted Retina: Maladaptation or Pre-adaptation?” Access Research Network *Origins & Design* (AKA *Origins Research*) **19** (Winter): 14-17.
- . 2013a. “The Place of Life and Man in Nature: Defending the Anthropocentric Thesis.” *BIO-Complexity* (online @ bio-complexity.org) **2013** (1): 1-15.
- . 2013b. “The Types: A Persistent Structuralist Challenge to Darwinian Pan-Selectionism.” *BIO-Complexity* (online @ bio-complexity.org) **2013** (3): 1-18.
- . 2014. “Is Earth’s Apparent Design for Life Simply the ‘Most Severe Case of Observational Bias in the History of Science?’” Discovery Institute *Evolution News & Views* 9 May posting (online text at evolutionnews.org accessed 5/23/2014).
- . 2015a. “A Maze with One Exit: Why Evolution Had No Choice.” Discovery Institute *Evolution News & Views* 20 April posting (online text at evolutionnews.org accessed 4/23/2015).
- . 2015b. “Aristotle Rediscovered: What Exactly Is the ‘Mechanism’ for Intelligent Design?” Discovery Institute *Evolution News & Views* 21 April posting (online text at evolutionnews.org accessed 4/23/2015).
- . 2016a. *Evolution: Still a Theory in Crisis*. Seattle, WA: Discovery Institute Press.

- . 2016b. “Non-Adaptive Order: An Existential Challenge in Darwinian Evolution.” Discovery Institute *Evolution News & Views* 15 February posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016c. “The Types: Why Shared Characteristics Are Bad News for Darwinism.” Discovery Institute *Evolution News & Views* 29 February posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016d. “The Evo-Devo Revolution: LEGOs or Transformers?” Discovery Institute *Evolution News & Views* 7 March posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016e. “Human Language: Noam Chomsky, Universal Grammar, and Natural Selection.” Discovery Institute *Evolution News & Views* 11 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016f. “On the Diversification of Fur, Feathers, and Scales, the Mystery Remains.” Discovery Institute *Evolution News & Views* 6 July posting (online text at evolutionnews.org accessed 7/7/2016).
- Denton, Michael J., Jia-De Chen, Sara Serravalle, Peter Colley, Francis B. Halliday, & Jennifer Donald.** 1988. “Analysis of linkage relationships of X-linked retinitis pigmentosa with the following Xp loci: L1.28, OTC, 754, XJ-1.1, pERT87, and C7.” *Human Genetics* **78** (January): 60-64.
- Denton, Michael J., Govindasamy Kumaramanickavel, & Michael Legge.** 2013. “Cells as irreducible wholes: the failure of mechanism and the possibility of an organocist revival.” *Biology and Philosophy* **28** (January): 31-52.
- Denton, Michael, & Craig Marshall.** 2001. “Laws of form revisited.” *Nature* **410** (22 March): 417.
- Denton, Michael J., Craig J. Marshall, & Michael Legge.** 2002. “The Protein Folds as Platonic Forms: New Support for the Pre-Darwinian Conception of Evolution by Natural Law.” *Journal of Theoretical Biology* **219** (7 December): 325-342.
- Denton, Michael J., Neill Spencer, & Henry R. V. Arnstein.** 1975. “Biochemical and Enzymatic Changes during Erythrocyte Differentiation: The Significance of the Final Cell Division.” *Biochemical Journal* **146** (January): 205-211.
- Denton, Sally.** 2003. *American Massacre: The Tragedy at Mountain Meadows, September 1857*. New York: Alfred A. Knopf.
- Devir, Daniel.** 2013. “A Short History of the War on Christmas.” *Politico* 16 December posting (online text at www.politico.com accessed 12/23/2015).
- De Oliveira, E. H. C., M. Neusser, & S. Müller.** 2012. “Chromosome Evolution in New World Monkeys (Platyrrhini).” *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **137** (August): 259-272.
- De Oliveira, Felipe Bandoni, Eder Cassola, & Gabriel Marroig.** 2009. “Paleogeography of the South Atlantic: A Route for Primates and Rodents into the New World,” in Garber *et al.* (2009, 55-68).
- Deora, Tanyi, Amit Kumar Singh, & Sanjay P. Sane.** 2015. “Biomechanical basis of wing and haltere coordination in flies.” *Proceedings of the National Academy of Sciences* **112** (3 February): 1481-1486.
- DePalma, Robert A., David A. Burnham, Larry D. Martin, Peter L. Larson, & Robert T. Bakker.** 2015. “The First Giant Raptor (Theropoda: Dromaeosauridae) From the Hell Creek Formation.” University of Kansas Paleontological Institute *Paleontological Contributions* **14** (30 October): 1-16.
- DePalma, Robert A. II, David A. Burnham, Larry D. Martin, Bruce M. Rothschild, & Peter J. Larson.** 2013. “Physical evidence of predatory behavior in *Tyrannosaurus rex*.” *Proceedings of the National Academy of Sciences* **110** (30 July): 12560-12564.
- Department of Defense.** 2013. “Extremism.” *Defense Equal Opportunity Management Institute* January training manual (online pdf at www.judicialwatch.org accessed 8/28/2013).
- Depecker, Marion, Christine Berge, Xavier Penin, & Sabine Renous.** 2006. “Geometric morphometrics of the shoulder girdle in extant turtles (Chelonii).” *Journal of Anatomy* **208**

- (January): 35-45.
- Depew, David J.** 2010. "Darwinian Controversies: An Historiographical Recounting." *Science & Education* **19** (May): 323-366.
- Depew, David J., & Bruce H. Weber.** 2011. "The Fate of Darwinism: Evolution After the Modern Synthesis." *Biological Theory* **6** (December): 89-102.
- Depew, Michael J., Thomas Lufkin, & John L. R. Rubenstein.** 2002. "Specification of Jaw Subdivisions by *Dlx* Genes." *Science* **298** (11 October): 381-385.
- Depew, Michael J., Carol A. Simpson, Maria Morasso, & John L. R. Rubenstein.** 2005. "Reassessing the *Dlx* code: the genetic regulation of branchial arch skeletal pattern and development." *Journal of Anatomy* **207** (November): 501-561.
- De Pinedo-Garcia, Manuel, & Jason Noble.** 2008. "Beyond persons: extending the personal/subpersonal distinction to non-rational animals and artificial agents." *Biology and Philosophy* **23** (January): 87-100.
- De Pontieu, B., S. W. McIntosh, M. Carlsson, V. H. Hansteen, T. D. Tarbell, P. Boerner, J. Martinez-Sykora, C. J. Schrijver, & A. M. Title.** 2011. "The Origins of Hot Plasma in the Solar Corona." *Science* **331** (7 January): 55-58.
- DePristo, Mark A.** 2007. "The subtle benefits of being promiscuous: adaptive evolution potentiated by enzyme promiscuity." *HFSP Journal* **1** (July): 94-98.
- Depuydt, Leo.** 2014a. "The Alleged *Gospel of Jesus's Wife*: Assessment and Evaluation of Authenticity." *Harvard Theological Review* **107** (April): 172-189.
- . 2014b. "Christian Askeland, 'Jesus had an ugly sister-in-law'." *What's New in Papyrology* 24 April posting by G. W. Schwendner (online text at papyrology.blogspot.de accessed 7/15/2014).
- De Queiroz, Alan.** 2005. "The resurrection of oceanic dispersal in historical biogeography." *Trends in Ecology & Evolution* **26** (February): 68-73.
- . 2014. *The Money's Voyage: How Improbable Journeys Shaped the History of Life*. New York: Basic Books.
- De Queiroz, Kevin.** 2005. "Ernst Mayr and the modern concept of species." *Proceedings of the National Academy of Sciences* **102** (3 May): 6600-6607.
- De Quervain, Dominique J.-F., Dorothée Bentz, Tanja Michael, Olivia C. Bolt, Brenda K. Wiederhold, Jürgen Margraf, & Frank H. Wilhelm.** 2011. "Glucocorticoids enhance extinction-based psychotherapy." *Proceedings of the National Academy of Sciences* **108** (19 April): 6621-6625.
- Derby, James R., Richard D. Fritz, Susan A. Longacre, William A. Morgan, & Charles A. Sternbach,** eds. 2013. *The Great American Carbonate Bank: The Geology and Economic Resources of the Cambrian-Ordovician Sauk Megasequence of Laurentia*. American Association of Petroleum Geologists *AAPG Memoir* 98.
- Derbyshire, David.** 2011. "Scientist who claimed polar bears were drowning is investigated for 'scientific misconduct'." San Antonio Bible-Based Science Association *Communiqué* (August) reprint of 28 July *Daily Mail Online* article (online text at www.sabbsa.org accessed 6/5/2014).
- Derbyshire, John.** 2006. "George Gilder, Metaphysic." *National Review* (12 July): online text accessed 4/11/2014 (www.nationalreview.com).
- . 2014. "Occasionalism Isn't Science." *The American Spectator* (January-February): online text accessed 2/19/2014 (spectator.org).
- Derelle, Romain, Philippe Lopez, Hervé Le Guyader, & Michaël Manuel.** 2007. "Homeodomain proteins belong to the ancestral molecular toolkit of eukaryotes." *Evolution & Development* **9** (May-June): 212-219.
- Derelle, Romain, Guifré Torruella, Vladimír Klimeš, Henner Brinkmann, Eunsoo Kim, Čestmír Vlček, B. Franz Lang, & Marek Eliáš.** 2015. "Bacterial proteins pinpoint a single eukaryotic root." *Proceedings of the National Academy of Sciences* **112** (17 February): E693-E699.
- DeRemer, Bernard R.** 1984. "Harry Rimmer: Ardent Defender of Creation." *Fundamentalist Journal* **3** (December): 44-46.

- De Renzi, Miquel**, ed. 2002. *Current Topics on Taphonomy and Fossilization*. Valencia, Spain: Ajuntament de Valencia.
- Derewacz, Dagmara K., Cody R. Goodwin, C. Ruth McNees, John A. McLean, & Brian O. Bachmann**. 2013. “Antimicrobial drug resistance affects broad changes in metabolomic phenotype in addition to secondary.” *Proceedings of the National Academy of Sciences* **110** (5 February): 2336-2341.
- Derex, Maxime, Marie-Pauline Beugin, Bernard Godelle, & Michal Raymond**. 2013. “Experimental evidence for the influence of group size on cultural complexity.” *Nature* **503** (21 November): 389-391.
- . 2014. “Derex *et al.* reply.” *Nature* **511** (3 July): E2.
- Derex, Maxime, & Robert Boyd**. 2016. “Partial connectivity increases cultural accumulation within groups.” *Proceedings of the National Academy of Sciences* **113** (15 March): 2982-2987.
- Deris, J. Barrett, Minsu Kim, Zhongge Zhang, Hiroyuki Okano, Rutger Hermsen, Alexander Groisman, & Terence Hwa**. 2013. “The Innate Growth Bistability and Fitness Landscapes of Antibiotic-Resistant Bacteria.” *Science* **342** (29 November): 1237435 (online at sciencemag.org).
- Derkacz, Evan**. 2012a. “Family Research Council is Attacked—Tony Perkins is Quick to Blame SPLC.” *Religion Dispatches* 17 August posting (online text at religiondispatches.org accessed 8/18/2012).
- . 2012b. “What Religious ‘Hostility’ Looks Like.” *Religion Dispatches* 19 August posting (online text at religiondispatches.org accessed 8/20/2012).
- . 2013a. “AFA Shocked By SNL’s ‘Djesus Uncrossed’ Video.” *Religion Dispatches* 18 February (online text at religiondispatches.org accessed 2/19/2013).
- . 2013b. “Using Science to Diss Religion.” *Religion Dispatches* 24 October posting (online text at religiondispatches.org accessed 10/31/2013).
- . 2013c. “Driscoll Makes Plagiarism Complaint Disappear.” *Religion Dispatches* 5 December posting (online text at religiondispatches.org accessed 12/11/2013).
- . 2014. “Thanks, Tony Perkins, for Defending Those Violent Jewish-y Parts of the Bible.” *Religion Dispatches* 10 September posting (online text at religiondispatches.org accessed 9/12/2014).
- Derman, Alan I., Eric C. Becker, Bao D. Truong, Akina Fujioka, Timothy M. Tucey, Marcella L. Erb, Paula C. Patterson, & Joe Pogliano**. 2009. “Phylogenetic Analysis Identifies Many Uncharacterized Actin-like Proteins (Alps) in Bacteria: Regulated Polymerization, Dynamic Instability, and Treadmilling in Alp7A.” *Molecular Microbiology* **73** (August): 534-532.
- Dermitzakis, Emmanouil T., & Andrew G. Clark**. 2002. “Evolution of Transcription Factor Binding Sites in mammalian Gene Regulatory Regions: Conservation and Turnover.” *Molecular Biology and Evolution* **19** (July): 1114-1121.
- Dermitzakis, Emmanouil T., Alexandre Reymond, Nathalie Scamuffa, Catherine Ucla, Ewen Kirkness, Colette Rossier, & Stylianos E. Antonarakis**. 2003. “Evolutionary Discrimination of Mammalian Conserved Non-Genic Sequences (CNGs).” *Science* **302** (7 November): 1033-1035.
- De Robertis, E. M.** 2008. “The molecular ancestry of segmentation mechanisms.” *Proceedings of the National Academy of Sciences* **105** (28 October): 16411-16412.
- De Robertis, E. M., & Yoshiki Sasai**. 1996. “A common plan for dorsoventral patterning in Bilateria.” *Nature* **380** (7 March): 37-40.
- Derocher, Andrew E.** 2010. “The prospects for polar bears.” *Nature* **468** (16 December): 905-906.
- De Rooij, Susanne R., Hans Wouters, Julie E. Yonker, Rebecca C. Painter, & Tesse J. Roseboom**. 2010. “Prenatal undernutrition and cognitive function in late adulthood.” *Proceedings of the National Academy of Sciences* **107** (28 September): 16881-16886.
- De Roos, A. M., T. Schellekens, T. Van Kooten, & L. Persson**. 2008. “Stage-specific predator species help each other to persist while competing for a single prey.” *Proceedings of the*

- National Academy of Sciences* **105** (16 September): 13930-13935.
- De Roos, Albert D. G.** 2005. "Origins of introns based on the definition of exon modules and their conserved interfaces." *Bioinformatics* **21** (1 January): 2-9.
- . 2006a. "The Origin of the Eukaryotic Cell Based on Conservation of Existing Interfaces." MIT International Society of Artificial Life *Artificial Life* **12** (Fall): 513-523.
- . 2006b. "Origin of insect metamorphosis based on design-by-contract: larval stages as an atavism." *International Society For Complexity, Information, and Design* posting 12 December (online pdf at iscid.org accessed 4/19/2011).
- . 2007a. "Conserved intron positions in ancient protein molecules." *Biology Direct* (online @ biomedcentral.com) **2** (8 February): 7.
- . 2007b. "Modelling evolution on design-by-contract predicts an origin of Life through an abiotic double-stranded RNA world." *Biology Direct* (online @ biomedcentral.com) **2** (27 April): 12.
- . 2007c. "A critique on the endosymbiotic theory for the origin of mitochondria." *Telic Thoughts* posting 17 October by Mike Gene (online text at telicthoughts.com accessed 11/24/2009).
- . 2007d. "A eukaryotic origin of mitochondria: claims." *Origin of Mitochondria* posting (online text at www.origin-of-mitochondria.net accessed 1/17/2012).
- . 2007e. "A eukaryotic origin of mitochondria: critique." *Origin of Mitochondria* posting (online text at www.origin-of-mitochondria.net accessed 1/17/2012).
- . 2008. "Evidence for exon-mediated domain shuffling in the formation of complex eukaryotic genes." *Syncyte BioIntelligence* posting December (online pdf text at albertderoos.nk accessed 4/20/2011).
- De Rosa, Renaud.** 2001. "Molecular Data Indicate the Protostome Affinity of Brachiopods." *Systematic Biology* **50** (November-December): 848-859.
- De Rosa, Renaud, Jennifer K. Grenier, Tatiana Andreeva, Charles E. Cook, André Adoutte, Michael Akam, Sean B. Carroll, & Guillaume Balavoine.** 1999. "Hox genes in brachiopods and priapulids and protostome evolution." *Nature* **399** (24 June): 772-776.
- DeRosa, Tom.** 2014a. "Living Fossils." *Creation Studies Institute* posting (online text at www.creationstudies.org accessed 6/7/2014).
- . 2014b. "The Seed of Indoctrination." *Creation Studies Institute* posting (online text at www.creationstudies.org accessed 7/24/2014).
- DeRose-Wilson, Leah J., & Brandon S. Gaut.** 2007. "Transcription-related mutations and GC content drive variation in nucleotide substitution rates across the genomes of *Arabidopsis thaliana* and *Arabidopsis lyrata*." *BMC Evolutionary Biology* (online @ biomedcentral.com) **7** (23 April): 66.
- DeRosier, David J.** 1998. "The Turn of the Screw: The Bacterial Flagellar Motor." *Cell* **93** (3 April): 17-20.
- Derr, Julien, Michael L. Manapat, Sudha Rajamani, Kevin Leu, Ramon Xulvi-Brunet, Isaac Joseph, Martin A. Nowak, & Irene A. Chen.** 2012. "Prebiotically plausible mechanisms increase compositional diversity of nucleic acid sequences." *Nucleic Acids Research* **40** (1 May): 4711-4722.
- Derrick, Jeremy P., Rachel Urwin, Janet Suker, Ian M. Feavers, & Martin C. J. Maiden.** 1999. "Structural and Evolutionary Inference from Molecular Variation in *Neisseria* Porins." *Infection and Immunity* **67** (May): 2406-2413.
- D'Errico, Francesco, Lucinda Backwell, Paolo Villa, Ilaria Degano, Jeannette L. Lucejko, Marion K. Bamford, Thomas F. G. Higham, Maria Perla Colombini, & Peter B. Beaumont.** 2012. "Early evidence of San material culture represented by organic artifacts from Border Cave, South Africa." *Proceedings of the National Academy of Sciences* **109** (14 August): 13214-13219.
- D'Errico, Francesco, William E. Banks, Dan L. Warren, Giovanni Sgubin, Karen van Niekerk, Christopher Henshilwood, Anne-Laure Daniau, & María Fernanda Sánchez Goñi.** 2017. "Identifying early modern human ecological niche expansions and associated cultural dynamics in the South African Middle Stone Age." *Proceedings of the National*

- Academy of Sciences* **114** (25 July): 7869-7876.
- D'Errico, Francesco, & Carmen Cacho.** 1994. "Notation versus Decoration in the Upper Palaeolithic: a Case-Study from Tossal de la Roca, Alicante, Spain." *Journal of Archaeological Science* **21** (March): 185-200.
- D'Errico, Francesco, & April Nowell.** 2000. "A New Look at the Berekhat Ram Figurine: Implications for the Origins of Symbolism." *Cambridge Archaeological Journal* **10** (April): 123-167.
- D'Errico, Francesco, & Chris B. Stringer.** 2011. "Evolution, revolution or saltation scenario for the emergence of modern cultures?" *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (12 April): 1060-1069.
- D'Errico, Francesco, Marian Vanhaeren, Nick Barton, Abdeljalil Bouzouggar, Henk Mienis, Daniel Richter, Jean-Jacques Hublin, Shannon P. McPherron, & Pierre Lozouet.** 2009. "Additional evidence on the use of personal adornment in the Middle Paleolithic of North Africa." *Proceedings of the National Academy of Sciences* **106** (22 September): 16051-16056.
- D'Errico, Francesco, & Paola Villa.** 1997. "Holes and grooves: the contribution of microscopy and taphonomy to the problem of art origins." *Journal of Human Evolution* **33** (July): 1-31.
- D'Errico, Ilenia, Gemma Gadaleta, & Cecilia Saccone.** 2004. "Pseudogenes in metazoa: Origin and features." *Briefings in Functional Genomics and Proteomics* **3** (August): 157-167.
- Derry, Louis A.** 2006. "Fungi, Weathering, and the Emergence of Animals." *Science* **311** (10 March): 1386-1387.
- Derryberry, Elizabeth P.** 2009. "Ecology Shapes Birdsong EvolutionL Variation in Morphology and Habitat Explains Variation in White-Crowned Sparrow Song." *The American Naturalist* **174** (July): 24-33.
- Derryberry, Elizabeth Perrault, Nathalie Seddon, Santiago Claramunt, Joseph Andrew Tobias, Adam Baker, Alexandre Aleixo, & Robb Thomas Brumfield.** 2012. "Correlated Evolution of Beak Morphology and Song in the Neotropical Woodcreeper Radiation." *Evolution* **66** (September): 2784-2797.
- Dershowitz, Alan M.** 1999. "Taking Disbelief Out of the Closet." *Free Inquiry* **19** (Summer): 6-7.
- De Ruiter, Darryl J., Thomas J. DeWitt, Keely B. Carlson, Julia K. Brophy, Lauren Schroeder, Rebecca R. Ackerman, Steven E. Churchill, & Lee R. Berger.** 2013. "Mandibular Remains Support Taxonomic Validity of *Australopithecus sediba*." *Science* **340** (12 April): 1232997 (online at sciencemag.org).
- De Ruiter, J. P., & Stephen C. Levinson.** 2008. "A biological infrastructure for communication underlies the cultural evolution of languages." *Behavioral and Brain Sciences* **31** (5): 518.
- Desai, Michael M., & Daniel S. Fisher.** 2007. "Beneficial Mutation-Selection Balance and the Effect of Linkage on Positive Selection." *Genetics* **176** (July): 1759-1798.
- Desai, Nirupa, Alan Brown, Alexey Amunts, & V. Ramakrishnan.** 2017. "The structure of the yeast mitochondrial ribosome." *Science* **355** (3 February): 528-531.
- DeSalle, Rob.** 2009. "Molecular Tooth Decay." *PLoS Genetics* (online @ plosgenetics.org) **5** (September): e1000655.
- DeSalle, Rob, Javier U. Chicote, Tung-Tien Sun, & Antonio Garcia-España.** 2014. "Generation of divergent uroplakin tetraspanins and their partners during vertebrate evolution: identification of novel uroplakins." *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (23 January): 13.
- DeSalle, Rob, & Bernd Schierwater.** 2007. "Key transitions in animal evolution." *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 667-669.
- De Sanctis, M. C., E. Ammannito, H. Y. McSween, A. Raponi, S. Marchi, F. Capaccioni, M. T. Capria, F. G. Carrozzo, M. Ciarniello, S. Fonte, M. Formisano, A. Frigeri, M. Giardino, A. Longobardo, G. Magni, L. A. McFadden, E. Palomba, C. M. Pieters, F. Tosi, F. Zambon, C. A. Raymond, & C. T. Russell.** 2017. "Localized aliphatic organic material on the surface of Ceres." *Science* **355** (17 February): 719-722.

- De Santa Barbara, Pascal, & Drucilla J. Roberts.** 2002. "Tail gut endoderm and gut/genitourinary/tail development: a new tissue-specific role for *Hoxa13*." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **129** (February): 551-561.
- De Santillana, Giorgio, & Hertha von Dechend.** 1969. *Hamlet's Mill: An Essay on Myth and the Frame of Time*. Boston: Gambit.
- Desban, Laura, & Claire Wyart.** 2016. "A brain conditioned for social defeat." *Science* **352** (1 April): 42-43.
- Desch, S. J.** 2007. "Mass distribution and planet formation in the solar nebula." *The Astrophysical Journal* **671** (10 December): 878-893.
- Deschamps, Jacqueline.** 2007. "Ancestral and recently recruited global control of the *Hox* genes in development." *Current Opinion in Genetics & Development* **17** (October): 422-427.
- . 2008. "Tailored *Hox* gene transcription and the making of the thumb." *Genes & Development* **22** (1 February): 293-296.
- Deschamps, Matthieu, Guillaume Laval, Maud Fagny, Yuval Itan, Laurent Abel, Jean-Laurent Casanova, Etienna Patin, & Lluís Quintana-Murci.** 2016. "Genomic Signatures of Selective Pressures and Introgression from Archaic Hominins at Human Innate Immunity Genes." *The American Journal of Human Genetics* **98** (January): 5-21.
- Deschamps, Pierre, Nicolas Durand, Edouard Bard, Bruno Hamelin, Gilbert Camoin, Alexander L. Thomas, Gideon M. Henderson, Jun'ichi Okuno, & Yusuke Yokoyama.** 2012. "Ice-sheet collapse and sea-level rise at the Bølling warming 14, 600 years ago." *Nature* **483** (29 March): 559-564.
- De Schepper, G. G., J. G. Aalbers, & J. H. Te-Brake.** 1982. "Double reciprocal translocation heterozygosity in a bull." *The Veterinary Record* **110** (9): 197-199.
- Deserno, Lorenz, Quentin J. M. Huys, Rebecca Boehme, Ralph Buchert, Hans-Jochen Heinze, Anthony A. Grace, Raymond J. Dolan, Andreas Heinz, & Florian Schlagenhaut.** 2015. "Ventral striatal dopamine reflects behavioral and neural signatures of model-based control during sequential decision making." *Proceedings of the National Academy of Sciences* **112** (3 February): 1595-1600.
- Design Inference.* 2000. "The Nature of Nature: An Interdisciplinary Conference on the Role of Naturalism in Science April 12-15, 2000." *Design Inference* posting (online text at www.designinference.com accessed 8/25/2011).
- Design Science Association.* 2006a. "Mace Baker On the 'Evolution' of Dinosaurs." *Design Science Association Newsletter* September posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2006b. "An Engineer's View A Look at the 'Best Evidence' for Evolution." *Design Science Association* December posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2007a. "Howard Mudder The Gospel in the Stars." *Design Science Association* February posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2007b. "Dr. Donald Chittick Evidence for Advanced Ancient Technology." *Design Science Association* September posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2008a. "Phillip O'Donnell Dinosaurs: Dead or Alive?" *Design Science Association* April posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2008b. "Evolution and the UFO Connection." *Design Science Association Newsletter* October posting (online pdf at www.pdxdsa.org accessed 9/16/2013).
- . 2008c. "The Mitchell Traveling Dinosaur & Fossil Museum!" *Design Science Association* November posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2008d. "Intelligence is Permitted at DSA!" *Design Science Association* November posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2008e. "Do Astronomy and History Support the Bible? The Christmas Star." *Design Science Association* December posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2009a. "Horst Matschukat The Flood, the Ark and Gilgamesh." *Design Science Association* March posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2009b. "'Voyage That Shook the World' on Big Screen." *Design Science Association*

- July posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2009c. “Dr. Tom Kindell Solving the problem of Distant Stars and a Young Earth.” *Design Science Association* October posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2009d. “JD Mitchell Archaeopteryx—What Was It?” *Design Science Association* November posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2010. “George H. Taylor Human Influenced Climate Change—*the Rest of the Story*.” *Design Science Association* April posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011a. “Chris Ashcraft Dinosaurs: Lost World of the Bible.” *Design Science Association* April posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011b. “Some Emails are *Best Not Sent!*” *Design Science Association* April posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011c. “JD Mitchell Polystrate Fossils & Petrified Forests.” *Design Science Association* May posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011d. “Dennis Marcellino How to Debate an Atheist (and present and defend Christianity to family, friends & yourself).” *Design Science Association* June posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011e. “Dr Mark Demind What Powers the Cell?” *Design Science Association* July posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2011f. “Horst Matschukat Evolutionists Aren’t Ignorant—the Trouble Is, They Know So much That Isn’t So!” *Design Science Association* December posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2012a. “Spike Psarris Defeating Atheism with Science, Logic & Reason.” *Design Science Association* March posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2012b. “Phil Gaskill A New Model of the Atom: Implications for Radiometric Dating.” *Design Science Association* June posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2012c. “Dr Mark Deming DNA: Evolution’s Newest ‘Golden Child’?” *Design Science Association* September posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2012d. “Dr. Thomas Kindell Fallacies of Evolutionary Geology & Radioisotope Dating.” *Design Science Association* October posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013a. “Lloyd Anderson Mount St Helens—a Big Bang for Creation.” *Design Science Association* January posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013b. “Foundations of Life Conference.” *Design Science Association* February posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013c. “Steve Wolfe Evolution in Education: a Christian Response.” *Design Science Association* February posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013d. “Dr. Thomas Kindell Creationist Contributions to the Advance of Scientific Knowledge.” *Design Science Association* April posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013e. “Dr Dennis Swift Dinosaurs in South America: Evidence that Man and Dinosaur Lived Together?” *Design Science Association* June posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013f. “Michael Oard Dinosaurs Tracks, Eggs and Scavenged Bonebeds Early in the Flood.” *Design Science Association* July posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013g. “Answering the New Atheists.” *Design Science Association* September posting (online pdf at www.pdxdsa.org accessed 9/16/2013).
- . 2013h. “Alan Wymore The Genesis of Language and Writing.” *Design Science Association* November posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2013i. “J.D. Mitchell Biblical Interpretation of the John Day Fossil Beds.” *Design Science Association* December posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- . 2014. “Bruce Malone Wallam Olum: *The Red Record*.” *Design Science Association*

- March posting (online pdf at www.pdxdsa.org accessed 6/25/2014).
- DeSilva, Jeremy M.** 2009. "Functional morphology of the ankle and the likelihood of climbing in early hominins." *Proceedings of the National Academy of Sciences* **106** (21 April): 6567-6572.
- . 2011. "A shift toward birthing relatively large infants early in human evolution." *Proceedings of the National Academy of Sciences* **108** (18 January): 1022-1027.
- DeSilva, Jeremy M., Kenneth G. Holt, Steven E. Churchill, Kristian J. Carlson, Christopher S. Walker, Bernhard Zipfel, & Lee R. Berger.** 2013. "The Lower Limb and Mechanics of Walking in *Australopithecus sediba*." *Science* **340** (12 April): 1232999 (online at sciencemag.org).
- De Simone, Alfonso, Craig Kitchen, Anne H. Kwan, Margaret Sunde, Christopher M. Dobson, & Daan Frenkel.** 2012. "Intrinsic disorder modulates protein self-assembly and aggregation." *Proceedings of the National Academy of Sciences* **109** (1 May): 6951-6956.
- Desjardins, Julie K., Jill Q. Klausner, & Russell D. Fernald.** 2010. "Female genomic response to mate information." *Proceedings of the National Academy of Sciences* **107** (7 December): 21176-21180.
- Deslatte, Melinda.** 2013. "Ruston school cut from state voucher program." Alexandria-Pineville, Louisiana *The Town Talk* (1 July): B10.
- Dessler, A. E.** 2010. "Cloud variations and the Earth's energy budget." *Geophysical Research Letters* **38**: L19701.
- Des Marais, David J.** 2000. "When Did Photosynthesis Emerge on Earth?" *Science* **289** (8 September): 1703-1705.
- Des Marais, David J., & Mark D. Rausher.** 2008. "Escape from adaptive conflict after duplication, in an anthocyanin pathway gene." *Nature* **454** (7 August): 762-765.
- De Smet, Riet, Keith L. Adams, Klaas Vandepoele, Marc C. E. Van Montagu, Steven Maere, & Yves Van de Peer.** 2013. "Convergent gene loss following gene and genome duplications creates single-copy families in flowering plants." *Proceedings of the National Academy of Sciences* **110** (19 February): 2898-2903.
- DeSmogBlog.* 2011. "Timothy F. Ball (Tim Ball)." *DeSmog* July posting (online text at www.desmog.com accessed 4/14/2012).
- . 2013. "Boston Globe Columnist Jeff Jacoby Distorts Survey And Study To Deny Climate Consensus." *DeSmog* 4 December posting (online text at www.desmog.com accessed 5/26/2014).
- . 2015. "George Will's Incorrect Claim on Historical Climate Change." *DeSmog* 7 January posting (online text at www.desmog.com accessed 1/7/2015).
- Desmond, Adrian, & James Moore.** 1991. *Darwin: The Life of a Tormented Evolutionist*. 1992 US ed. New York: Warner Books.
- . 2009. *Darwin's Sacred Cause: How a Hatred of Slavery Shaped Darwin's Views on Human Evolution*. Boston: Houghton Mifflin Harcourt.
- Desmond, Elie, Celine Brochier-Armanet, & Simonetta Gribaldo.** 2007. "Phylogenomics of the archaeal flagellum: rare horizontal gene transfer in a unique motility structure." *BMC Evolutionary Biology* (online @ biomedcentral.com) **7** (2 July): 106.
- Desmurget, Michel, Karen T. Reilly, Nathalie Richard, Alexandru Szathmari, Carmine Mottolèse, & Angela Sirigu.** 2009. "Movement Intention After Parietal Cortex Stimulation in Humans." *Science* **324** (8 May): 811-813.
- Desmurget, Michel, Nathalie Richard, Sylvain Harquel, Pierre Baraduc, Alexandru Szathmari, Carmine Mottolèse, & Angela Sirigu.** 2014. "Neural representations of ethologically relevant hand/mouth synergies in the human precentral gyrus." *Proceedings of the National Academy of Sciences* **111** (15 April): 5718-5722.
- Desnues, Christelle, Beltran Rodriguez-Brito, Steve Rayhawk, Scott Kelley, Tuong Tran, Matthew Haynes, Hong Liu, Mike Furlan, Linda Wegley, Betty Chau, Yijun Ruan, Dana Hall, Florent E. Angly, Robert A. Edwards, Linlin Li, Rebecca Vega Thurber, R. Pamela Reid, Janet Siefert, Valeria Souza, David L. Valentine, Brandon K. Swan, Mya Breithart, & Forest Rohwer.** 2008. "Biodiversity and biogeography of phages in

- modern stromatolites and thrombolites.” *Nature* **452** (20 March): 340-343.
- Desoete, Annemie, Herbert Roeyers, & Ann Buysse.** 2001. “Metacognition and Mathematical Problem Solving in Grade 3.” *Journal of Learning Disabilities* **34** (September-October): 435-439.
- De Souza, Adriana Strapasson, Cristina Silveir Vega, Fernando Mancini, & Ana Emilia Q. de Figueiredo.** 2012. “Trace fossils from Maecuru Formation (Lower Devonian) of the Amazon Basin, and paleoenvironmental influences,” in Netto *et al.* (2012, 119-128).
- DeSouza, Dennis.** 2014. “The Top Down Anti-Regression.” Home page posting (online text at *desouzadennis.wordpress.com* accessed 5/14/2015).
- De Souza, Flávio S. J., Lucía F. Franchini, & Marcelo Rubinstein.** 2013. “Exaptation of Transposable Elements into Novel *Cis*-Regulatory Elements: Is the Evidence Always Strong?” *Molecular Biology and Evolution* **30** (June): 1239-1251.
- De Souza, Sandro J., Manyuan Long, & Walter Gilbert.** 1996. “Introns and gene evolution.” *Genes to Cells* **1** (June): 493-505.
- De Souza, Sandro J., Manyuan Long, Robert J. Klein, Scott Roy, Shin Lin, & Walter Gilbert.** 1998. “Toward a resolution of the introns early/late debate: Only phase zero introns are correlated with the structure of ancient introns.” *Proceedings of the National Academy of Sciences* **95** (28 April): 5094-5099.
- De Souza, Sandro Jose, Manyuan Long, Lloyd Schoenbach, Scott William Roy, & Walter Gilbert.** 1996. “Intron positions correlate with module boundaries in ancient proteins.” *Proceedings of the National Academy of Sciences* **93** (10 December): 14632-14636.
- De Souza-Barros, Fernando, Raphael Braz-Levigard, Yonder Ching-San Jr., Marisa M. B. Monte, José A. P. Bonapace, Viviane Montezano, & Adalberto Vieyra.** 2007. “Phosphate sorption and desorption on pyrite in primitive aqueous scenarios: Relevance of acidic →alkaline transitions.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **37** (February): 27-45.
- Desplats, Paula, He-Jin Lee, Eun-Jin Bae, Christina Patrick, Edward Rockenstein, Leslie Crews, Brian Spencer, Eliezer Masliah, & Seung-Jae Lee.** 2009. “Inclusion formation and neuronal cell death through neuron-to-neuron transmission of α -synuclein.” *Proceedings of the National Academy of Sciences* **106** (4 August): 13010-13015.
- D’Esposito, Mark, ed.** 2003. *Neurological Foundations of Cognitive Neuroscience*. Cambridge, MA: A Bradford Book (MIT Press).
- Desrivières, S., A. Lourdasamy, C. Tao, R. Toro, T. Jia, E. Loth, L. M. Medina, A. Kepa, A. Fernandes, B. Ruggeri, F. M. Carvalho, G. Cocks, T. Banaschewski, G. J. Barker, A. L. W. Bokde, C. Büchel, P. J. Conrod, H. Flor, A. Heinz, J. Gallinat, H. Garavan, P. Gowland, R. Brühl, C. Lawrence, K. Mann, M. L. P. Martinot, F. Nees, M. Lathrop, J-B. Poline, M. Rietschel, P. Thompson, M. Fauth-Bühler, M. N. Smolka, Z. Pausova, T. Paus, J. Feng, G. Schumann, & the IMAGEN Consortium.** 2015. “Single nucleotide polymorphisms in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents.” *Molecular Psychiatry* **20** (February): 263-274.
- Desrochers, André, & Noel P. James.** 1988. “Early Paleozoic Surface and Subsurface Paleokarst: Middle Ordovician Carbonates, Mingan Islands, Québec,” in James & Choquette (1988, 183-210).
- Desrochers, André, Denis Lavoie, Patricia Brennan-Alpert, & Guoxiang Chi.** 2013. “Regional Straigraphic, Depositional, and Diagenetic Patterns of the Interior of St. Lawrence Platform: The Lower Ordovician Romaine Formation, Western Anticosti Basin, Quebec,” in Derby *et al.* (2013, 525-543).
- Desrochers, Theresa M., Dezhe Z. Jin, Noah D. Goodman, & Ann M. Graybiel.** 2010. “Optimal habits can develop spontaneously through sensitivity to local cost.” *Proceedings of the National Academy of Sciences* **107** (23 November): 20512-20517.
- Dessalles, Jean-Louis.** 2008. “Why is language well designed for communication?” *Behavioral and Brain Sciences* **31** (5): 518-519.
- Dessalles, Jean-Louis, & Laleh Ghadakpour.** 2003. “Object recognition is not predication.” *Behavioral and Brain Sciences* **26** (3): 290-291.

- Dessauer, Herbert C., George F. Gee, & James S. Rogers.** 1992. "Allozyme evidence for crane systematics and polymorphisms within populations of Sandhill, Sarus, Siberian, and whooping cranes." *Molecular Phylogenetics and Evolution* **1** (December): 279-288.
- Dessler, A. E.** 2010. "A Determination of the Cloud Feedback from Climate Variations over the Past Decade." *Science* **330** (10 December): 1523-1527.
- Dessler, A. J.** 1986. "Does Uranus have a magnetic field?" *Nature* **319** (16 January): 174-175.
- Desurmont, Gaylord A., Michael J. Donoghue, Wendy L. Clement, & Anurag A. Agrawal.** 2011. "Evolutionary history predicts plant defense against an invasive pest." *Proceedings of the National Academy of Sciences* **108** (26 April): 7070-7074.
- Dethoff, Elizabeth A., Jeetender Chugh, Anthony M. Mustoe, & Hashim M. Al-Hashimi.** 2012. "Functional complexity and regulation through RNA dynamics." *Nature* **482** (16 February): 322-330.
- De Tomaso, Anthony W., & Irving L. Weissman.** 2004. "Evolution of a Protochordate Allorecognition Locus." *Science* **303** (13 February): 977.
- Dettman, Jeremy R., Caroline Sirjusingh, Linda M. Kohn, & James B. Anderson.** 2007. "Incipient speciation by divergent adaptation and antagonistic epistasis in yeast." *Nature* **447** (31 May): 585-588.
- D'Ettoire, Patrizia.** 2016. "Genomic and brain expansion provide ants with refined sense of smell." *Proceedings of the National Academy of Sciences* **113** (6 December): 13947-13949.
- Deusch, Oliver, Giddy Landan, Mayo Roettger, Nicole Gruenheit, Klaus V. Kowallik, John F. Allen, William Martin, & Tal Dagan.** 2008. "Genes of Cyanobacterial Origin in Plant Nuclear Genomes Point to a Heterocyst-Forming Plastid Ancestor." *Molecular Biology and Evolution* **25** (April): 748-761.
- Deutsch, Diana.** 1992. "Paradoxes of Musical Pitch." *Scientific American* **267** (August): 88-92, 94-95.
- Deutsch, Jean S.** 2009. "Darwin and the cirripedes: Insights and dreadful blunders." *Integrative Zoology* **4** (September): 316-322.
- , ed. 2010. *Hox Genes: Studies from the 20th Century to the 21st Century*. Austin, TX: Landes Bioscience.
- Devaere, Léa, Sébastien Clausen, Michael Steiner, J. Javier Álvaro, & Daniel Vachard.** 2013. "Chronostratigraphic and palaeogeographic significance of an early Cambrian microfauna from the Hérault Limestone, northern Montagne Noire, France." *Palaeontologia Electronica* (online @ palaeo-electronica.org) **16** (2): 17A.
- De Valais, Silvina, & Ricardo N. Melchor.** 2008. "Ichnotaxonomy of Bird-Like Footprints: An Example from the Late Triassic-Early Jurassic of Northwest Argentina." *Journal of Vertebrate Paleontology* **28** (March): 145-159.
- Devanapally, Sindhuja, Snusha Ravikumar, & Antony M. Jose.** 2015. "Double-stranded RNA made in *C. elegans* neurons can enter the germline and cause transgenerational gene silencing." *Proceedings of the National Academy of Sciences* **112** (17 February): 2133-2138.
- Devaney, Jason.** 2014. "George Will: I Am a 'Low-Voltage Atheist'." *Newsmax* 22 September posting (online text at www.newsmax.com accessed 12/19/2015).
- De Vargas, Colomban, Marie-Pierre Aubry, Ian Probert, & Jeremy Young.** 2007. "Origin and Evolution of Coccolithophores: From Coastal Hunters to Oceanic Farmers," in Falkowski & Knoll (2007, 251-285).
- De Vaucouleurs, G.** 1970. "The Case for a Hierarchical Cosmology." *Science* **167** (27 February): 1203-1213.
- Devaux, Céline, & Russell Lande.** 2008. "Incipient allochronic speciation due to non-selective assertive mating by flowering time, mutation and genetic drift." *Proceedings of the Royal Society of London B* (Biological Sciences) **275** (7 December): 2723-2732.
- DeVeale, Brian, Derek van der Kooy, & Tomas Babak.** 2012. "Critical Evaluation of Imprinted Gene Expression by RNA-Seq: A New Perspective." *PLoS Genetics* (online @ plosgenetics.org) **8** (March): e1002600.

- De Vega, Clara.** 2009. "The importance of floral signals in the establishment of plant-ant mutualisms." *Plant Signaling & Behavior* **4** (June): 517-518.
- De Vega, Clara, Montserrat Arista, Pedro L. Ortiz, Carlos M. Herrera, & Salvador Talavera.** 2009. "The ant-pollination system of *Cytinus hypocistis* (Cytinaceae), a Mediterranean root holoparasite." *Annals of Botany* **103** (May): 1065-1075.
- Dever, William G.** 2001. *What Did the Biblical Writers Know and When Did They Know It? What Archaeology Can Tell Us about the Reality of Ancient Israel*. Grand Rapids, MI: William B. Eerdmans Publishing Company.
- Devine, Daniel James.** 2007a. "Inexplicable insect metamorphosis." *Answers in Genesis Creation* **29** (June): 31-33.
- . 2007b. "Museum with a message." *World Magazine* posting 4 August (online text at www.worldmag.com accessed 9/12/2011).
- . 2010a. "Clouding the debate." *World Magazine* posting 14 August (online text at www.worldmag.com accessed 6/4/2011).
- . 2010b. "Where did they go?" *World Magazine* posting 23 October (online text at www.worldmag.com accessed 9/12/2011).
- . 2013a. "A second opinion on global warming." *World Magazine* posting 18 September (online text at www.worldmag.com accessed 10/31/2013).
- . 2013b. "Amarillo College nixes intelligent design class." *World Magazine* posting 23 December (online text at www.worldmag.com accessed 2/13/2014).
- . 2014. "Interpretive Dance: The BioLogos Foundation is making a major, well-funded push to change the way Christians read Genesis and think about Adam and Eve." *World Magazine* posting 14 November (online text at www.worldmag.com accessed 11/19/2014).
- Devine, Daniel James, & Angela Lu.** 2013. "Peeking outside the Darwin cage." *World Magazine* posting 27 August (online text at www.worldmag.com accessed 8/30/2013).
- Devine, Donald D.** 2013. "Can We Finally Retire Scientific Supersition?" *Library of Law and Liberty* 4 November posting (online text at www.libertylawsite.org accessed 1/25/2015).
- Devine, Erin L., Daniel D. Oprian, & Douglas L. Theobald.** 2013. "Relocating the active-site lysine in rhodopsin and implications for evolution of retinylidene proteins." *Proceedings of the National Academy of Sciences* **110** (13 August): 13351-13355.
- Devins, Neal.** 1983. "State Regulation of Christian Schools." *University of Notre Dame Law School Journal of Legislation* **10**: 351-381.
- . 1992. "Fundamentalist Christian Educators v. State: An Inevitable Compromise." *The George Washington Law Review* **60** (March): 818-840.
- De Visser, J. Arjan G. M.** 2015. "Evolution of coexistence in a crowded microplate well." *Proceedings of the National Academy of Sciences* **112** (8 September): 11148-11149.
- De Visser, J. Arjan G. M., & Richard E. Lenski.** 2002. "Long-term experimental evolution in *Escherichia coli*. XI. Rejection of non-transitive interactions as cause of declining rate of adaptation." *BMC Evolutionary Biology* (online @ biomedcentral.com) **2** (30 October): 19.
- De Vlarar, Harold P., & Eörs Szathmáry.** 2017. "Beyond Hamilton's rule." *Science* **356** (5 May): 485-486.
- Devlin, Keith.** 2000. *The Math Gene: How Mathematical Thinking Evolved and Why Numbers Are Like Gossip*. New York: Basic Books.
- . 2002. *The Millennium Problems: The Seven Greatest Unsolved Mathematical Puzzles of Our Time*. New York: Basic Books.
- Devlin, W. J., J. M. Cogswell, G. M. Gaskins, G. H. Isaksen, D. M. Pitcher, D. P. Puls, K. O. Stanley, & G. R. T. Wall.** 1999. "South Caspian Basin: Young, Cool, and Full of Promise." *GSA Today* **9** (July): 1-9.
- Devor, Eric J.** 1990. "Untying the Gordian Knot: The Genetics of Tourette Syndrome." *The Journal of Nervous and Mental Disease* **178** (November): 669-679.
- . 2006. "Primate MicroRNAs *miR-220* and *miR-492* Lie within Processed Pseudogenes." *Journal of Heredity* **97** (March-April): 186-190.
- DeVore, Edna.** 2005. "Intelligent Design and Evolution at the White House." *SPACE.com* 18 August posting (online text at www.space.com accessed 12/5/2005).

- DeVore, M. L., & K. B. Pigg.** 2007. "A brief review of the fossil history of the family Rosaceae with a focus on the Eocene Okanogan Highlands of eastern Washington State, USA, and British Columbia, Canada." *Plant Systematics and Evolution* **266** (July): 45-57.
- Devorkin, David, & Robert W, Smith.** 2008. *Hubble: Imaging Space and Time*. Washington, DC: National Geographic.
- Devos, Damien P., & Emmanuel G. Reynaud.** 2010. "Intermediate Steps." *Science* **330** (26 November): 1187-1188.
- De Vos, Dirk, Frank J. Bruggeman, Hans V. Westerhoff, & Barbara M. Bakker.** 2011. "How Molecular Competition Influences Fluxes in Gene Expression Networks." *PLoS ONE* (online @ plosone.org) **6** (December): e28494.
- De Vos, Marjon G. J., Alexandre Dawid, Vanda Sunderlikova, & Sander J. Tans.** 2015. "Breaking evolutionary constraint with a tradeoff ratchet." *Proceedings of the National Academy of Sciences* **112** (1 December): 14906-14911.
- DeVowe, Steven.** 2004. "The amazing motorized germ." *Answers in Genesis Creation* **27** (December): 24-25.
- De Vries, B. L., B. Acke, J. A. D. L. Blommaert, C. Waelkens, L. B. F. M. Waters, B. Vandebussche, M. Min, G. Olofsson, C. Dominik, L. Decin, M. J. Barlow, A. Brandeker, J. Di Francesco, A. M. Glauser, J. Greaves, P. M. Harvey, W. S. Holland, R. J. Ivison, R. Liseau, E. E. Pantin, G. L. Pilbratt, P. Royer, & B. Sibthorpe.** 2012. "Comet-like mineralogy of olivine crystals in an extrasolar proto-Kuiper belt." *Nature* **490** (4 October): 74-76.
- De Vries, Jolanda, & Carl Figdor.** 2016. "Cancer vaccine triggers antiviral-type defences." *Nature* **534** (16 June): 329-331.
- DeVries, Mark E., Alyson A. Kelvin, Luoling Xu, Longsi Ran, John Robinson, & David J. Kelvin.** 2006. "Defining the Origins and Evolution of the Chemokine/Chemokine Receptor System." *The Journal of Immunology* **176** (1 January): 401-415.
- DeVries, Tim, Mark Holzer, & Francois Primeau.** 2017. "Recent increase in oceanic carbon uptake driven by weaker upper-ocean overturning." *Nature* **542** (9 February): 215-218.
- Dew, Spencer.** 2017. "Alex Jones, Performance Artist, And The Duelling Meanings Of 'Sincerity' In Politics And Public Life." *Religion Dispatches* 19 April posting (online text at religiondispatches.org accessed 4/29/2017).
- De Waal, Frans B. M.** 1995. "Bonobo Sex and Society." *Scientific American* **272** (March): 82-88.
- . 1999. "Cultural primatology comes of age." *Nature* **399** (17 June): 635-636.
- . 2000. "Reading Nature's Tea Leaves." *Natural History* **109** (December): 66-71.
- , ed. 2001a. *Tree of Origin: What Primate Behavior Can Tell Us About Human Social Evolution*. Cambridge, MA: Harvard University Press.
- . 2001b. "Sing the Song of Evolution." *Natural History* **110** (October): 76-77.
- . 2008. "Putting the Altruism Back into Altruism: The Evolution of Empathy." *Annual Review of Psychology* **59**: 279-300.
- . 2009. "Darwin's last laugh." *Nature* **460** (9 July): 460.
- . 2012. "The Antiquity of Empathy." *Science* **336** (18 May): 874-876.
- . 2013. "Animal Conformists." *Science* **340** (26 April): 437-438.
- . 2016. "Apes know what others believe." *Science* **354** (7 October): 39-40.
- De Waal, Frans B. M, Marietta Dindo, Cassiopeia A. Freeman, & Marisa J. Hall.** 2005. "The monkey in the mirror: Hardly a stranger." *Proceedings of the National Academy of Sciences* **102** (9 August): 1140-11147.
- De Waal, Frans B. M, & Sergey Gavrilets.** 2013. "Monogamy with a purpose." *Proceedings of the National Academy of Sciences* **110** (17 September): 15167-15168.
- De Waal, Frans B. M, Kristin Leimgruber, & Amanda R. Greenberg.** 2008. "Giving is self-rewarding for monkeys." *Proceedings of the National Academy of Sciences* **105** (9 September): 13685-13689.
- De Waele, Jo, Paolo Forti, & Angelo Naseddu.** 2013. "Speleogenesis of an exhumed hydrothermal sulphuric acid karst in Cambrian carbomonates (Mount San Giovanni,

- Sardinia)." *Earth Surface Processes and Landforms* **38**: 1369-1379.
- Dewar, James M., Magda Budzowska, & Johannes C. Walter.** 2015. "The mechanism of DNA replication termination in vertebrates." *Nature* **525** (17 September): 345-350.
- Dewart, Deborah J.** 2013. "Counseling and the Courts: First Amendment Challenges to Coerced Therapy." *Christian Discernment* undated posting (online pdf at www.christiandiscernment.com accessed 4/13/2014).
- Dewart, Deborah J., & James L. Hirsen.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.americanbar.org accessed 4/13/2014).
- Deweese-Boyd, Ian.** 2008. "Self-Deception." *Stanford Encyclopedia of Philosophy* posting of 25 November revision (online text at plato.stanford.edu accessed 12/17/2008).
- Dewel, Ruth Ann.** 2000. "Colonial origin for Eumetazoa: major morphological transitions and the origin of bilaterian complexity." *Journal of Morphology* **243** (January): 35-74.
- . 2003. "New Perspectives on the Origin of Metazoan Complexity: An Introduction to the Symposium." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 1-2.
- Dewel, Ruth Ann, Mary U. Connell, & William C. Dewel.** 2003. "Bridging Morphological Transitions to the Metazoa." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 28-46.
- Dewey, John F., & John M. Bird.** 1970. "Mountain belts and the new global tectonics." *Journal of Geophysical Research* **75** (10 May): 2625-2647.
- Dewey, J. F., M. L. Helman, E. Turco, D. H. W. Hutton, & S. D. Knott.** 1989. "Kinematics of the western Mediterranean." *Geological Society, London, Special Publications* **45**: 265-283.
- Dewey, John F., Walter C. Pitman III, William B. F. Ryan, & Jean Bonnin.** 1973. "Plate Tectonics and the Evolution of the Alpine System." *The Geological Society of America GSA Bulletin* **84** (October): 3137-3180.
- Dewey, Pam.** 2006. "David J. Smith." *Field Guide to the Wild World of Religion* undated posting (online text at www.isitso.org accessed 6/4/2011).
- Dewhurst, Kenneth, & A. W. Beard.** 1970. "Sudden religious conversions in temporal lobe epilepsy." *The British Journal of Psychiatry* **117** (May): 497-507.
- DeWitt, Bryce.** 2002. "Comments on Martin Gardner's 'Multiverses and Blackberries.'" *Skeptical Inquirer* **26** (March/April): 60-61.
- DeWitt, David A.** 2005. "Did a jaw muscle protein mutation lead to increased cranial capacity in man?" *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **19** (1): 88-96.
- . 2009. "Brain: Shaped By Experiences." *Answers in Genesis Answers Magazine* (October-December): 54-57.
- . 2013. "What about the Similarity Between Human and Chimp DNA?" *Answers in Genesis* 14 January posting of *The New Answers Book 3* Chapter 10 (online text at www.answersingenesis.org accessed 2/17/2015).
- DeWitt, Iain, & Josef P. Rauschecker.** 2012. "Phoneme and word recognition in the auditory ventral stream." *Proceedings of the National Academy of Sciences* **109** (21 February): E505-E514.
- DeWolf, David K.** 2001. "Academic Freedom after *Edwards*." *Regent University Law Review* **13** (Spring): 447-482.
- DeWolf, David K., Stephen C. Meyer, & Mark Edward DeForrest.** 1999. "Intelligent Design in Public School Science Curricula: A Legal Guidebook." *Access Research Network* 21 June 2000 posting of *Foundation for Thought and Ethics* article (online text at www.arn.org accessed 3/17/2014).
- . 2000. "Teaching the Origins Controversy: Science, Or Religion, Or Speech?" *University of Utah Utah Law Review* **2000** (1): 39-110.
- DeWolf, David, John G. West, & Casey Luskin.** 2007. "Intelligent Design Will Survive *Kitzmiller v. Dover*." *Montana Law Review* **68** (1): 7-57.

- DeWolf, David, John G. West, Casey Luskin, & Jonathan Witt.** 2006. *Traipsing into Evolution: Intelligent Design and the Kitzmiller v Dover Decision*. Seattle, WA: Discovery Institute Press.
- DeWolf, David K., & Randall Wagner.** 2005. "Anti-ID stance is good old intolerance again." *Philadelphia Inquirer* (18 October) reprinted at *Center for Science & Culture* (online text at *discovery.org* accessed 5/26/2014).
- Dey, Alivia, Cecilia K. W. Chan, Cristel G. Thomas, & Asher D. Cutter.** 2013. "Molecular hyperdiversity defines populations of the nematode *Caenorhabditis brenneri*." *Proceedings of the National Academy of Sciences* **110** (2 July): 11056-11060.
- Deyes, Robert.** 2008. "Turbulent Times Amidst The Desperate Maneuverings of Human Evolutionary Theory." *The ID Report* for 12 July (online text at *www.arn.org* accessed 10/8/2009).
- . 2009a. "Questioning The Role Of Gene Duplication-Based Evolution In Monarch Migration." *Uncommon Descent* posting 1 March (online text at *www.uncommondescent.com* accessed 9/22/2011).
- . 2009b. "B.A.R.B: Birds Are Really.....Birds!" *Science Literature: A discussion of ID-related Reading* posting 25 June (online text at *www.arn.org* accessed 1/26/2012).
- . 2009c. "Grand Movements Of Nature: Evolutionists' 'Non-Answer' To Animal Migration." *Uncommon Descent* posting 22 September (online text at *www.uncommondescent.com* accessed 9/22/2011).
- Deyes, Robert, & John Calvert.** 2009. "We Have No Excuse: A Scientific Case for Relating Life to Mind." Kansas *Intelligent Design Network* posting of 28 November article (online pdf at *intelligentdesignnetwork.org* accessed 9/22/2011).
- DeYoung, Donald B.** 1985. "No. 149—Design in Nature: The Anthropic Principle." Institute for Creation Research *Impact* (November): i-iv.
- . 1989. *Astronomy and the Bible: Questions and Answers*. Grand Rapids, MI: Baker Book House.
- . 1994. "Age of the Arizona Meteor Crater." *Creation Research Society Quarterly* **31** (December): 153-158.
- . 2008. "Tides and the Creation Worldview." *Creation Research Society Quarterly* **45** (September): 100-108.
- . 2012. "Chaos Theory." *Creation Research Society Creation Matters* (November/December): 5.
- DeYoung, Don, & Jason Lisle.** 2013. "Does Astronomy Confirm a Young Universe?" *Answers in Genesis* 9 June 2014 posting of *The New Answers Book 3* Chapter 19 (online text at *www.answersingenesis.org* accessed 2/17/2015).
- DeYoung, Don B., & David E. Rush.** 1989. "Is The Sun An Age Indicator?" *Creation Research Society Quarterly* **26** (September): 49-53.
- Deza, Juan D., & Aaron M. Bauer.** 2012. "A New Amber-Embedded Sphaerodactyl Gecko from Hispaniola, With Comments On Morphological Synapomorphies of the Sphaerodactylidae." *Breviora* **529** (May): 1-28.
- De Zeeuw, C. I., Y. Elgersma, H. C. Hulscher, B. R. Dortland, R. A. Hensbroek, T. J. H. Ruigrok, & S. K. E. Koekkoek.** 2004. "Response to Comment on 'Cerebellar LTD and Learning-Dependent Timing of Conditioned Eyelid Responses'." *Science* **304** (9 April): 211.
- Dhamija, Sonam, Anneke Doerrie, Reinhard Winzen, Oliver Dittrich-Breiholz, Azadeh Taghipour, Nancy Kuehne, Michael Kracht, & Helmut Holtmann.** 2010. "IL-1-induced Post-transcriptional Mechanisms Target Overlapping Translational Silencing and Destabilizing Elements in IκBζ mRNA." *The Journal of Biological Chemistry* **285** (17 September): 29165-29178.
- Dhanani, Alnoor.** 2002. "Islam," in Ferngren (2002, 73-92).
- Dhanao, Bajinder S., Tiziana Cogliati, Akhila G. Satish, Elspeth A. Bruford, & James S. Friedman.** 2013. "Update on the Kelch-like (KLHL) gene family." *Human Genomics* (online @ *humgenomics.com*) **7** (15 May): 13.

- Dhar, Apratim, Antonios Samiotakis, Simon Ebbinghaus, Lea Nienhaus, Dirar Homouz, Martin Gruebele, & Margaret S. Cheung.** 2010. “Structure, function, and folding of phosphoglycerate kinase are strongly perturbed by macromolecular crowding.” *Proceedings of the National Academy of Sciences* **107** (12 October): 17586-17591.
- Dharia, Asav P., Ajay Obla, Matthew D. Gajdosik, Amanda Simon, & Craig E. Nelson.** 2014. “Tempo and Mode of Gene Duplication in Mammalian Ribosomal Protein Evolution.” *PLoS ONE* (online @ plosone.org) **9** (November): e111721.
- Dhillon, Braham, Nicolas Feau, Andrea L. Aerts, Stéphanie Beauseigle, Louis Bernier, Alex Copeland, Adam Foster, Navdeep Gill, Bernard Henrissat, Padmini Herath, Kurt M. LaButti, Anthony Levasseur, Erika A. Lindquist, Eline Majoor, Robin A. Ohm, Jasmyn L. Pangilinan, Amadeus Pribowo, John N. Saddler, Monique L. Sakalidis, Ronald P. de Vries, Igor V. Grigoriev, Stephen B. Goodwin, Philippe Tanguay, & Richard C. Hamelin.** 2015. “Horizontal gene transfer and gene dosage drives adaptation to wood colonization in a tree pathogen.” *Proceedings of the National Academy of Sciences* **112** (17 March): 3451-3456.
- Dhindsa, Ryan S., & David B. Goldstein.** 2016. “Schizophrenia: From genetics to physiology at last.” *Nature* **530** (11 February): 162-163.
- D’Hondt, Steven, Arthur J. Spivack, Robert Pockalny, Timothy G. Ferdelman, Jan P. Fischer, Jens Kallmeyer, Lewis J. Abrams, David C. Smith, Dennis Graham, Franciszek Hasiuk, Heather Schrum, & Andrea M. Stancin.** 2009. “Subseafloor sedimentary life in the South Pacific Gyre.” *Proceedings of the National Academy of Sciences* **106** (14 July): 11651-11656.
- D’Hont, Angélique, France Denoeud, Jean-Marc Aury, Franc-Christophe Baurens, Françoise Carreel, Olivier Garsmeur, Benjamin Noel, Stéphanie Bocs, Gaëtan Droc, Mathieu Rouard, Corinne Da Silva, Kamel Jabbari, Céline Cardi, Julie Poulain, Marlène Souquet, Karine Labadie, Cyril Jourda, Juliette Lengellé, Marguerite Rodier-Goud, Adriana Alberti, Maria Bernard, Margot Correa, Saravanaraj Ayyampalayam, Michael R. Mckain, Jim Leebens-Mack, Diane Burgess, Mike Freeling, Didier Mbéguié-A-Mbéguié, Matthieu Chabannes, Thomas Wicker, Olivier Panaud, Jose Barbosa, Eva Hribova, Pat Heslop-Harrison, Rémy Habas, Ronan Rivallan, Philippe Francois, Claire Poiron, Andrzej Kilian, Dheema Burthia, Christophe Jenny, Frédéric Bakry, Spencer Brown, Valentin Guignon, Gert Kema, Miguel Dita, Cees Waalwijk, Steeve Joseph, Anne Dievert, Olivier Jaillon, Julie Leclercq, Xavier Argout, Eric Lyons, Ana Almeida, Mouna Jeridi, Jaroslav Dolezel, Nicolas Roux, Ange-Marie Risterucci, Jean Weissenbach, Manuel Ruiz, Jean-Christophe Glaszmann, Francis Quétier, Nabila Yahiaoui, & Patrick Wincker.** 2012. “The banana (*Musa acuminata*) genome and the evolution of monocotyledonous plants.” *Nature* **488** (9 August): 213-217.
- Dhouailly, Danielle.** 2009. “A new scenario for the evolutionary origin of hair, feather, and avian scales.” *Journal of Anatomy* **214** (April): 587-606.
- Dhouailly, Danielle, Margaret H. Hardy, & Philippe Sengel.** 1980. “Formation of feathers on chick foot scales: a stage-dependent morphogenetic response to retinoic acid.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **58** (August): 63-78.
- Dhuime, Bruno, Chris J. Hawkesworth, Peter A. Cawood, & Craig D. Storey.** 2012. “A Change in the Geodynamics of Continental Growth 3 Billion Years Ago.” *Science* **335** (16 March): 1334-1336.
- D’Huy, Julien.** 2013. “A Cosmic Hunt in the Berber sky: a phylogenetic reconstruction of a Palaeolithic mythology.” *Les Cahiers de l’AARS (Association des amis de l’art rupestre saharien)* **16**: 93-106.
- . 2016. “Scientists Trace Society’s Myths to Primordial Origins.” *Scientific American* October 29 September posting (online text at *scientificamerican.com* accessed 10/1/2016).
- Di, Da, & Alicia Sanchez-Mazas.** 2011. “Challenging Views on the Peopling History of East Asia: The Story According to HLA Markers.” *American Journal of Physical Anthropology* **145** (May): 81-96.

- Dial, Karla.** 2006. "Evolution Ed." *Salvo Magazine* Autumn issue 6 (online text at *salvomag.com* accessed 5/15/2012).
- . 2011. "Survey: Most Scientists Don't Believe Religion, Science Conflict." *Citizen Link* 22 September posting (online text at *www.citizenlink.com* accessed 4/6/2014).
- . 2012. "Study: Children of Parents in Same-Sex Relationships Face Greater Risks." *Citizen Link* 11 June posting (online text at *www.citizenlink.com* accessed 6/16/2012).
- Dial, Kenneth P.** 2003. "Wing-Assisted Incline Running and the Evolution of Flight." *Science* **299** (17 January): 402-404.
- Dial, Kenneth P., Brandon E. Jackson, & Paolo Segre.** 2008. "A fundamental avian wing-stroke provides a new perspective on the evolution of flight." *Nature* **451** (21 February): 985-989.
- Diamond, Betty, & Kevin J. Tracey.** 2011. "Mapping the immunological homunculus." *Proceedings of the National Academy of Sciences* **108** (1 March): 3461-3462.
- Diamond, Jared M.** 1992. *The Third Chimpanzee: The Evolution and Future of the Human Animal*. New York: HarperCollins Publishers.
- . 1997. "Location, Location, Location: The First Farmers." *Science* **278** (14 November): 1243-1244.
- . 2000a. "Blitzkrieg Against the Moas." *Science* **287** (24 March): 2170-2171.
- . 2000b. "Talk of cannibalism." *Nature* **407** (7 September): 25-26.
- . 2000c. "Threescore and Ten." *Natural History* **109** (December): 24, 26, 28, 30, 32, 34-35.
- . 2001. "A Tale of Two Reputations." *Natural History* **110** (February): 20-24.
- . 2003. "The double puzzle of diabetes." *Nature* **423** (5 June): 599-602.
- . 2011. "Deep relationships between languages." *Nature* **476** (18 August): 291-292.
- Diamond, Jared, & Peter Bellwood.** 2003. "Farmers and Their Languages: The First Expansions." *Science* **300** (25 April): 597-603.
- Diamond, Scott L.** 2001. "Reaction Complexity of Flowing Human Blood." *Biophysical Journal* **80** (March): 1031-1032.
- Diaphanitas.** 2011. "Lingua Ratina!" *Diaphanitas* 2 December posting (online text at *diaphanus.livejournal.com* accessed 9/2/2012).
- Dias, Ana S., Irene de Almeida, Julio M. Belmonte, James A. Glazier, & Claudio D. Stern.** 2014. "Somites Without a Clock." *Science* **343** (14 February): 791-795.
- Dias, Brian G., & Kerry J. Ressler.** 2013. "Parental olfactory experience influences behavior and neural structure in subsequent generations." *Nature Neuroscience* **17** (December): 89-96.
- . 2014. "Reply to Gregory Francis." *Genetics* **198** (October): 453.
- Dias, Nathalie, & C. A. Stein.** 2002. "Antisense Oligonucleotides: Basic Concepts and Mechanisms." *Molecular Cancer Therapeutics* **1** (March): 347-355.
- Dias-da-Silva, Sérgio, & Ana Luiza Ramos Ilha.** 2009. "On the presence of a postulated temnospondyl in the Lower Triassic of southern Brazil." *Acta Palaeontologica Polonica* **54** (4): 609-614.
- Dias-da-Silva, Sérgio, & Eliseu Vieiradias.** 2013. "A comprehensive survey of Triassic stereospondyls from southern Brazil with comments on their overall significance." *New Mexico Museum of History and Science Bulletin* 61: 91-103.
- Dias-Ferreira, Eduardo, & Rui M. Costa.** 2012. "The symphony of choice." *Nature* **484** (5 April): 42-43.
- Dias-Ferreira, Eduardo, João C. Sousa, Irene Melo, Pedro Morgado, Ana R. Mesquita, João J. Cerqueira, Rui M. Costa, & Nuno Sousa.** 2009. "Chronic Stress Causes Frontostriatal Reorganization and Affects Decision-Making." *Science* **325** (31 July): 621-625.
- Diaz-Andreu, Margarita, & Timothy Champion,** eds. 1996. *Nationalism and Archaeology in Europe*. Boulder, CO: Westview Press.
- Diaz Arenas, Carolina, & Niles Lehman.** 2010. "Quasispecies-like behavior observed in acatlytic RNA populations evolving in a test tube." *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **10** (23 March): 80.

- Diaz Hejtz, Rochellys, Shugui Wang, Farhana Annar, Yu Qian, Britta Björkholm, Annika Samuelsson, Martin L. Hibberd, Hans Forsberg, & Sven Pettersson.** 2011. “Normal gut microbiota modulates brain development and behavior.” *Proceedings of the National Academy of Sciences* **108** (15 February): 3047-3052.
- Diaz-Horta, Oscar, Clemer Abad, Levent Sennaroglu, Joseph Foster II, Alexander DeSmidt, Guney Bademci, Suna Tokgoz-Yilmaz, Duygu Duman, F. Basak Cengiz, M’hamed Grati, Suat Fitoz, Xue Z. Liu, Amjad Farooq, Faiqa Imtiaz, Benjamin B. Currall, Cynthia Casson Morton, Michiru Nishita, Yasuhiro Minami, Zhongmin Lu, Katherina Walz, & Mustafa Tekin.** 2016. “ROR1 is essential for proper innervation of auditory hair cells and hearing in humans and mice.” *Proceedings of the National Academy of Sciences* **113** (24 May): 5993-5998.
- Di Bernardino, D., L. Iannuzzi, L. Ferrara, & D. Matassino.** 1979. “A new case of Robertsonian translocation in cattle.” *Journal of Heredity* **70** (November): 436-438.
- Di Biase, Valentina, & Clara Franzini-Armstrong.** 2005. “Evolution of skeletal type e—c coupling: a novel means of controlling calcium delivery.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **171** (21 November): 695-704.
- Dibrov, Sergey M., Jaime McLean, Jerod Parsons, & Thomas Hermann.** 2011. “Self-assembling RNA square.” *Proceedings of the National Academy of Sciences* **108** (19 April): 6405-6408.
- DiCenzo, George, Branislava Milunovic, JiuJun Cheng, & Turlough M. Finan.** 2013. “The tRNA^{arg} Gene and *engA* Are Essential Genes on the 1.7-Mb pSymB Megaplasmid of *Sinorhizobium meliloti* and Were Translocated Together from the Chromosome in an Ancestral Strain.” *Journal of Bacteriology* **195** (January, No. 2): 202-212.
- Dick, Christopher W., Eldredge Bermingham, Maristerra R. Lemes, & Rogerio Gribel.** 2007. “Extreme long-distance dispersal of the lowland tropical rainforest tree *Ceiba pentandra* L. (Malvaceae) in Africa and the Neotropics.” *Molecular Ecology* **16** (July): 3039-3049.
- Dick, Christopher W., & Myriam Heuertz.** 2008. “The Complex Biogeographic History of a Widespread Tropical Tree Species.” *Evolution* **62** (November): 2760-2774.
- Dick, Matthew H., Scott Lidgard, Dennis P. Gordon, & Shunsuke F. Mawatari.** 2009. “The origin of ascophoran bryozoans was historically contingent but likely.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (7 September): 3141-3148.
- Dick, Steven J.** 1998. *Life on Other Worlds: The 20th-Century Extraterrestrial Life Debate*. 2001 pb ed. Cambridge: Cambridge University Press.
- Dickason, C. Fred.** 1984. “Demons: Our Invisible Enemies.” *Fundamentalist Journal* **3** (October): 21-23.
- . 2009. “Demons on a Leash.” Answers in Genesis *Answers Magazine* (July-September): 50-55.
- Dickens, Gerald R., Thomas Fewless, Ellen Thomas, & Timothy J. Bralower.** 2003. “Excess barite accumulation during the Paleocene-Eocene Thermal Maximum: Massive input of dissolved barium from seafloor gas hydrate reservoirs.” *The Geological Society of America Special Papers* **369**: 11-23.
- Dickens, Harry, & Andrew A. Snelling.** 2008. “Precambrian geology and the Bible: a harmony.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (1): 65-72.
- Dickerson, Jonathan E., & David L. Robertson.** 2012. “On the Origins of Mendelian Disease Genes in Man: The Impact of Gene Duplication.” *Molecular Biology and Evolution* **29** (January): 61-69.
- Dickert, Stephan, Janet Kleber, Ellen Peters, & Paul Slovic.** 2011. “Numeracy as a precursor to pro-social behavior: The impact of numeracy and presentation format on the cognitive mechanisms underlying donation decisions.” *Judgment and Decision Making* **6** (October): 638-650.
- Dickey, Nathan.** 2014. “Inside the Mind of a Creationist: A Critical Analysis of Kent Hovind’s ‘Doctoral Dissertation.’” *Academia.edu* 3 December posting (online pdf at

- www.academia.edu accessed 3/15/2016).
- Dickinson, Bryan G., Aaron M. Leconte, Benjamin Allen, Kevin M. Esvelt, & David R. Liu.** 2013. "Experimental interrogation of the path dependence and stochasticity of protein evolution using phage-assisted continuous evolution." *Proceedings of the National Academy of Sciences* **110** (28 May): 9007-9012.
- Dickinson, Daniel J., W. James Nelson, & William I. Weis.** 2011. "A Polarized Epithelium Organized by β - and α -Catenin Predates Cadherin and Metazoan Origins." *Science* **331** (11 March): 1336-1339.
- Dickinson, Janis L., & Walter D. Koenig.** 2003. "Desperately Seeking Similarity." *Science* **300** (20 June): 1887-1889.
- Dickinson, Michael.** 2001. "Solving the Mystery of Insect Flight." *Scientific American* **284** (June): 48-51, 54-57.
- . 2003. "How to walk on water." *Nature* **424** (7 August): 621-622.
- Dickinson, William R.** 2004. "Evolution of the North American Cordillera." *Annual Review of Earth and Planetary Sciences* **32**: 13-45.
- . 2006. "Geotectonic evolution of the Great Basin." *Geosphere* **2** (December): 353-368.
- Dickinson, William R., & George E. Gehrels.** 2003. "U-Pb ages of detrital zircons from Permian and Jurassic eolian sandstones of the Colorado Plateau, USA: paleogeographic implications." *Sedimentary Geology* **163** (15 July): 29-66.
- Dickinson, William R., Margaret A. Klute, Michael J. Hayes, Susanne U. Janecke, Erik R. Lundin, Mary A. McKittrick, & Mark D. Olivares.** 1988. "Paleogeographic and paleotectonic setting of Laramide sedimentary basins in the central Rocky Mountain region." *The Geological Society of America GSA Bulletin* **100** (July): 1023-1039.
- Dickman, Dion K., & Graeme W. Davis.** 2009. "The Schizophrenia Susceptibility Gene *dysbindin* Controls Synaptic Homeostasis." *Science* **326** (20 November): 1127-1130.
- Dicks, Lynn.** 1999. "The creatures that time forgot." *New Scientist* **164** (23 October): 36-39.
- . 2004. "Parasitic invasion credited with evolution of sex." *New Scientist* (8 May): online text accessed 2/16/2014 (newscientist.com).
- Dickson, Barry J.** 2008. "Wired for Sex: The Neurobiology of *Drosophila* Mating Decisions." *Science* **322** (7 November): 904-909.
- Dickson, Eric.** 2012. ".Alert: Psychic Friends Network goes Public! Shares may Double by Fri." *Townhall Daily* 7 September email (online text via townhall.com accessed 5/7/2012).
- Dickson, James H., Klaus Oeggl, & Linda L. Handley.** 2003. "The Iceman Reconsidered." *Scientific American* **288** (May): 70-79.
- Dickson-LaPrade, Daniel.** 2007. "A Victory over 'Intelligent Design' in Oklahoma." *Reports of the National Center for Science Education* **27** (September-December): 7-8.
- Didion, John P., Andrew P. Morgan, Amelia M.-F. Clayshulte, Rachel C. McMullan, Liran Yadgary, Petko M. Petkov, Timothy A. Bell, Daniel M. Gatti, James J. Crowley, Kunjie Hua, David L. Aylor, Ling Bai, Mark Calaway, Elissa J. Chester, John E. French, Thomas R. Geiger, Terry J. Gooch, Theodore Garland Jr., Alison H. Harrill, Kent Hunter, Leonard McMillan, Matt Holt, Darla R. Miller, Deborah A. O'Brien, Kenneth Paigen, Wenqi Pan, Lucy B. Rowe, Ginger D. Shaw, Petr Simecek, Patrick F. Sullivan, Karen L. Svenson, George M. Weinstock, David W. Threadgill, Daniel Pomp, Gary A. Churchill, & Fernando Pardo-Manuel de Villena.** 2015. "A Multi-Megabase Copy Number Gain Causes Maternal Transmission Ratio Distortion on Mouse Chromosome 2." *PLoS Genetics* (online @ plosgenetics.org) **11** (February): e1004850.
- DiDonato, Nicholas C.** 2013. "The rise of 'new age' spirituality in secular society." *Science on Religion* 12 August posting (online text at www.scienceonreligion.org accessed 10/4/2013).
- . 2015. "Religious conservatives more scrupulous than religious liberals (no, that's not a good thing)." *Science on Religion* 27 April posting (online text at www.scienceonreligion.org accessed 6/1/2015).
- Didymus, John Thomas.** 2011. "Was a giant planet ejected from our solar system to save Earth?" *Digital Journal* 11 November posting (online text at www.digitaljournal.com accessed 11/19/2011).

- Did-U-Know*. 2009a. “Circular Reasoning.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009b. “Footprints in Ash.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009c. “Shrinking Sun.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009d. “Mammals Grazed with Dinosaurs.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009e. “Maps.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009f. “Big Bang, Big Dud.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009g. “Dinosaurs Lived with Man.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009h. “Malachite Man” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009i. “Assumptions of Evolution.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009j. “Limestone Proves Worldwide Flood.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009k. “Iron Hammer in Cretaceous.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009l. “Speed of Light.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009m. “X Chromosome.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009n. “Evolutionists Use Circular Reasoning.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009o. “Everyone Descended from Eve?” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009p. “Fish Frozen in Ice.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009q. “Cambrian Explosion.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009r. “Allosaur.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009s. “Meteorites.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009t. “Tides of the Seas.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009u. “Size of the Universe.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009v. “Evolution of the Whale.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009w. “Fountains of the Deep.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009x. “Miller Experiment.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009y. “Robert Jastrow.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009z. “Ancient C-Section.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- . 2009aa. “Giant Insects.” *Did-U-know* undated posting (online text at www.did-u-know.org accessed 5/28/2009, not available as of 3/18/2015).
- Dieckmann, Ulf, & Michael Doebeli.** 1999. “On the origin of species by sympatric speciation.”

- Nature* **400** (22 July): 354-357.
- . 2004. “Adaptive Dynamics of Speciation: Sexual Populations,” in Dieckmann *et al.* (2004a, 76-111).
- Dieckmann, Ulf, Michael Doebeli, Johan A. J. Metz, & Diethard Tautz**, eds. 2004a. *Adaptive Speciation*. Cambridge: Cambridge University Press.
- . 2004b. “Epilogue,” in Dieckmann *et al.* (2004, 380-394).
- Diedrich, Cajus G.** 2013. “The oldest ‘subaquatic flying’ reptile in the world—*Pistosaurus longaevus* Meyer, 1839 (Sauropterygia) from the Middle Triassic of Europe.” *New Mexico Museum of History and Science Bulletin* 61: 169-215.
- Diego Daza, Juan, Rui Diogo, Peter Johnston, & Virginia Abdala.** 2011. “Jaw Adductor Muscles Across Lepidosaurs: A Reappraisal.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **294** (October): 1765-1782.
- Diehl, Roland, Hubert Halloin, Karsten Kretschmer, Giselher G. Lichti, Volker Schönfelder, Andrew W. Strong, Andreas von Kienlin, Wei Wang, Pierre Jean, Jürgen Knödlseeder, Jean-Pierre Roques, Georg Weidenspointner, Stephane Schanne, Dieter H. Hartmann, Christoph Winkler, & Cornelia Wunderer.** 2006. “Radioactive ²⁶Al from massive stars in the Galaxy.” *Nature* **439** (5 January): 45-47.
- Diekmann, Yoan, & José B. Pereira-Leal.** 2013. “Evolution of intracellular compartmentalization.” *Biochemical Journal* **449** (15 January): 319-331.
- Diekwisch, Thomas G. H.** 2001. “Developmental Biology of Cementum.” *International Journal of Developmental Biology* **45** (5/6): 695-706.
- Diene, Seydina M., Vicky Merhej, Mireille Henry, Adil El Filali, Véronique Roux, Catherine Robert, Saïd Azza, Frederick Gavory, Valérie Barbe, Bernard La Scola, Didier Raoult, & Jean-Marc Rolain.** 2013. “The Rhizome of the Multidrug-Resistant *Enterobacter aerogenes* Genome Reveals How New ‘Killer Bugs’ Are Created because of a Sympatric Lifestyle.” *Molecular Biology and Evolution* **30** (February): 369-383.
- Dientzen-Diaz, Paula, Ana Emilia Q. de Figueiredo, Valeria Mesa, Daniel Perea, & Cesar Schultz.** 2012. “Vertebrate footprints and burrows from the Upper Jurassic of Brazil and Uruguay,” in Netto *et al.* (2012, 129-139).
- Diep, Francie.** 2015. “Why Do Some Doctors Reject Evolution?” *Pacific Standard* 10 May posting (online text at www.psmag.com accessed 5/28/2015).
- Diepenbrock, George.** 2005. “Kline fiasco really about fear of changing science standards.” *Southwest Daily Times* (Kansas) 18 February posting (online text at www.swdtimes.com accessed 8/9/2005, not available as of 11/27/2013).
- Diepold, Andreas, & Judith P. Armitage.** 2015. “Type III secretion systems: the bacterial flagellum and the injectisome.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (October): 20150020.
- Diepold, Andreas, Mikhail Kudryashev, Nicolas J. Delalez, Richard M. Berry, & Judith P. Armitage.** 2015. “Composition, Formation, and Regulation of the Cytosolic C-ring, a Dynamic Component of the Type III Secretion Injectisome.” *PLoS Biology* (online @ plosbiology.org) **13** (January): e1002039.
- Dies Álvarez, María Eugenia, Rodolfo Gozalo, Peter Cederström, & Per Ahlberg.** 2008. “Bradoriid arthropods from the lower-middle Cambrian of Scania, Sweden.” *Acta Palaeontologica Polonica* **53** (4): 647-656.
- Diesendruck, Gil, & Lital Haber.** 2009. “God’s categories: The effect of religiosity on children’s teleological and essentialist beliefs about categories.” *Cognition* **110** (January): 100-114.
- Dietl, Andreas, Christina Ferosi, Wouter J. Maalcke, Andreas Menzel, Simon de Vries, Jan T. Keltjens, Mike S. M. Jetten, Boran Kartal, & Thomas R. M. Barends.** 2015. “The inner workings of the hydrazine synthase multiprotein complex.” *Nature* **527** (19 November): 394-397.
- Dietl, Gregory P.** 2016. “Different worlds.” *Nature* **529** (7 January): 29-30.
- Dietl, Gregory P., & Francisco J. Vega.** 2008. “Specialized shell-breaking crab claws in Cretaceous seas.” *Royal Society Biology Letters* **4** (June): 290-293.

- Dietrich, Michael R.** 2000. "From Hopeful Monsters to homeotic effects: Richard Goldsmith's integration of development, evolution, and genetics." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 738-747.
- Dietschi, Quentin, Joël Tuberosa, Lone Rösingh, Gregory Loichot, Manuel Ruedi, Alan Carleton, & Ivan Rodriguez.** 2017. "Evolution of immune chemoreceptors into sensors of the outside world." *Proceedings of the National Academy of Sciences* **114** (11 July): 7397-7402.
- Dietz, Thomas, & Jinhua Zhao.** 2011. "Paths to climate cooperation." *Proceedings of the National Academy of Sciences* **108** (20 September): 15671-15672.
- Diezel, Celia, Danny Kessler, & Ian T. Baldwin.** 2011. "Pithy Protection: *Nicotiana attenuata*'s Jasmonic Acid-Mediated Defenses Are Required to Resist Stem-Boring Weevil Larvae." *Plant Physiology* **155** (April): 1936-1946.
- Diffenbaugh, Noah S., Martin Scherer, & Robert J. Trapp.** 2013. "Robust increases in severe thunderstorm environments in response to greenhouse forcing." *Proceedings of the National Academy of Sciences* **110** (8 October): 16361-16366.
- Diffenbaugh, Noah S., Deepti Singh, Justin S. Mankin, Daniel E. Horten, Daniel L. Swain, Danielle Touma, Allison Charland, Yunjie Liu, Matz Haugen, Michael Tsiang, & Bala Rajaratnam.** 2017. "Quantifying the influence of global warming on unprecedented extreme climate events." *Proceedings of the National Academy of Sciences* **114** (9 May): 4881-4886.
- Diffenbaugh, Noah S., Daniel L. Swain, & Danielle Touma.** 2015. "Anthropogenic warming has increased drought risk in California." *Proceedings of the National Academy of Sciences* **112** (31 March): 3931-3936.
- Di Fiore, Anthony, & Drew Rendall.** 1994. "Evolution of social organization: A reappraisal for primates by using phylogenetic methods." *Proceedings of the National Academy of Sciences* **91** (11 October): 9941-9945.
- Digger Doug.** 2003a. "What Day Did God Make Penguins?" *Apologetics Press* posting of *Discovery Magazine* 1 August article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2003b. "If People Supposedly Came from Apes and Monkeys, Why Do We Still Have Monkeys?" *Apologetics Press* posting of *Discovery Magazine* 1 December article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004a. "Why are There so Many Religions?" *Apologetics Press* posting of *Discovery Magazine* 1 February article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004b. "Why are People No Longer Allowing the Pledge of Allegiance to Be Recited in School?" *Apologetics Press* posting of *Discovery Magazine* 1 March article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004c. "Was Man a Vegetarian Before the Flood? If So, Why Did Abel Raise Flocks?" *Apologetics Press* posting of *Discovery Magazine* 1 April article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2004d. "Can Pets Go to Heaven?" *Apologetics Press* posting of *Discovery Magazine* 1 August article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2005. "What are Coelacanths, and What Do They Have to Do With the Theory of Evolution?" *Apologetics Press* posting of *Discovery Magazine* 1 March article (online text at www.apologeticspress.org accessed 6/1/2012).
- Di Giulio, Massimo.** 1998. "Reflections on the Origin of the Genetic Code: a Hypothesis." *Journal of Theoretical Biology* **191** (21 March): 191-196.
- . 2003a. "The Universal Ancestor was a Thermophile or a Hyperthermophile: Tests and Further Evidence." *Journal of Theoretical Biology* **221** (7 April): 425-436.
- . 2003b. "The Early Phases of Genetic Code Origin: Conjectures on the Evolution of Coded Catalysis." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **33** (October): 479-489.
- . 2003c. "The Universal Ancestor and the Ancestor of Bacteria Were Hyperthermophiles." *Journal of Molecular Evolution* **57** (December): 721-730.

- . 2004. “The Origin of the tRNA Molecule: Implications for the Origin of Protein Synthesis.” *Journal of Theoretical Biology* **226** (7 January): 89-93.
- . 2009. “Formal Proof that the Split Genes of tRNAs of *Nanoarchaeum equitans* Are an Ancestral Character.” *Journal of Molecular Evolution* **69** (November): 505-511.
- . 2010. “A Model of the Origin of the 5S Ribosomal RNA Molecule.” *Journal of Molecular Evolution* **71** (July): 1-2.
- Di Giulio, Massimo, & Martin Kreitman.** 2009. “Introduction.” *Journal of Molecular Evolution* **69** (November): 405.
- Di Giuseppe, Graziano, Fabrizio Erra, Fernando Dini, Claudio Alimenti, Adriana Vallesi, Bill Pedrini, Kurt Wüthrich, & Pierangelo Luporini.** 2011. “Antarctic and Arctic populations of the ciliate *Euplotes nobilii* show common pheromone-mediated cell-cell signaling and cross-mating.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3181-3186.
- DiGregorio, Barry E.** 2007. “What made the red rain in India?” *Analytical Chemistry* **79** (1 May): 3238.
- DiGuistini, Scott, Ye Wang, Nancy Y. Liao, Greg Taylor, Philippe Tanguay, Nicolas Feau, Bernard Henrissat, Simon K. Chan, Uljana Hesse-Orce, Sepideh Massoumi Alamouti, Clement K. M. Tsui, Roderick T. Docking, Anthony Levasseur, Sajeet Haridas, Gordon Robertson, Inanc Birol, Robert A. Holt, Marco A. Marra, Richard C. Hamelin, Martin Hirst, Steven J. M. Jones, Jörg Bohlmann, & Colette Breuil.** 2011. “Genome and transcriptome analyses of the mountain pine beetle-fungal symbiont *Grossmannia clavigera*, a lodgepole pine pathogen.” *Proceedings of the National Academy of Sciences* **108** (8 February): 2504-2509.
- Dijksterhuis, Ap, Maarten W. Bos, Loran F. Nordgren, & Rick B. van Baaren.** 2006. “On Making the Right Choice: The Deliberation-Without-Attention Effect.” *Science* **311** (17 February): 1005-1007.
- Dikes, D., & L. E. Brown.** 2007. “Biomechanics of the vertebrate and associated osteoderms of the Early Permian amphibian *Cacops aspidephorus*.” *Journal of Zoology (London)* **271** (July): 396-407.
- Di Lazzaro, Paolo, & Daniele Murra.** 2015. “A Ray of Light on the Shroud of Turin.” *The Shroud Enigma* posting (online pdf at www.shroudenigma.com accessed 3/12/2017).
- Dilcher, David L.** 2000. “Toward a new synthesis: Major evolutionary trends in the angiosperm fossil record.” *Proceedings of the National Academy of Sciences* **97** (20 June): 7030-7036.
- . 2010. “Major Innovations in Angiosperm Evolution,” in Gee (2010, 97-116).
- Dilcher, David L., Ge Sun, Qiang Ji, & Hongqi Li.** 2007. “An early infructescence *Hycanthea decussate* (comb. nov.) from the Yixian Formation in northeastern China.” *Proceedings of the National Academy of Sciences* **104** (29 May): 9370-9374.
- Di Leonardo, R., L. Angelani, D. Dell’Arciprete, G. Ruocco, V. Iebba, S. Schippa, M. P. Conte, F. Mecerini, F. De Angelis, & E. Di Fabrizio.** 2010. “Bacterial ratchet motors.” *Proceedings of the National Academy of Sciences* **107** (25 May): 9541-9545.
- DiLeone, Ralph J., Gregory A. Marcus, Michelle D. Johnson, & David M. Kingsley.** 2000. “Efficient studies of long-distance *Bmp5* gene regulation using bacterial artificial chromosomes.” *Proceedings of the National Academy of Sciences* **97** (15 February): 1612-1617.
- DiLeone, Ralph J., Liane B. Russell, & David M. Kingsley.** 1998. “An Extensive 3’ Regulatory Region Controls Expression of *Bmp5* in Specific Anatomical Structures of the Mouse Embryo.” *Genetics* **148** (January): 401-408.
- Dilke, O. A. W.** 1987. “Cartography in the Byzantine Empire,” in Harley & Woodward (1987, 258-275).
- Dill, Ken A.** 1990. “Dominant Forces in Protein Folding.” *Biochemistry* **29** (7 August): 7133-7155.
- Dill, Ken A., Kingshuk Ghosh, & Jeremy D. Schmit.** 2011. “Physical limits of cells and proteomes.” *Proceedings of the National Academy of Sciences* **108** (8 November): 17876-17882.

- Dill, Ken A., & Justin L. MacCallum.** 2012. “The Protein-Folding Problem, 50 Years On.” *Science* **338** (23 November): 1042-1046.
- Dillard, Jacqueline R., & David F. Westneat.** 2016. “Opinion: Monogamy and Cooperation Are Connected Through Multiple Links.” *The Scientist* posting 1 August (online text at *the-scientist.com* accessed 8/12/2016).
- Dillehay, Tom D.** 2003. “Tracking the first Americans.” *Nature* **425** (4 September): 23-24.
- Dillehay, Tom D., Steve Goodbred, Mario Pino, Víctor F. Vásquez Sánchez, Teresa Rosales Tham, James Adovasio, Michael B. Collins, Patricia J. Netherly, Christine A. Hastorf, Katherine L. Chiou, Dolores Piperno, Isabel Rey, & Nancy Velchoff.** 2017. “Simple technologies and diverse food strategies of the Late Pleistocene and Early Holocene at Huaca Prieta.” *Science Advances* **3** (24 May): e1602778 (online at *sciencemag.org*).
- Dillehay, Tom D., C. Ramirez, M. Pino, M. B. Collins, J. Rossen, & J. D. Pino-Navarro.** 2008. “Monte Verde: Seaweed, Food, Medicine, and the People of South America.” *Science* **320** (9 May): 784-786.
- Dillhoff, Richard M., Thomas A. Dillhoff, Regan E. Dunn, Jeffrey A. Myers, & Caroline A. E. Strömberg.** 2009. “Cenozoic paleobotany of the John Day Basin, central Oregon.” *The Geological Society of America Field Guide 15*: 135-164.
- Dillman, Adler R., Paul J. Minor, & Paul W. Sternberg.** 2013. “Origin and Evolution of Dishevelled.” *G3 Genes Genomes Genetics* **3** (February): 251-262.
- Dillon, Robert T. Jr.** 2005. “The Senator and the Science Committee.” *Reports of the National Center for Science Education* **25** (January-April): 4-5.
- . 2007. “Creationists Corrupt Textbook Selection in South Carolina.” *South Carolinians for Science Education* posting 15 December (online text at *www.sc-scied.org* accessed 12/17/2007, not available as of 1/24/2017).
- Dillon, M. C.** 2003. “The Madonna Image: A New Interpretation of Its Pathology,” in Phillips & Morley (2003a, 133-146).
- Dilly, P. N.** 1993. “*Cephalodiscus graptolitoides* sp. nov. a probable graptolite.” *Journal of Zoology* (London) **229** (January): 69-78.
- DiMaggio, Erin N., Christopher J. Campisano, John Rowan, Guillaume Dupont-Nivet, Alan L. Deino, Faysal Bibi, Margaret E. Lewis, Antoine Souron, Dominique Garello, Lars Werdelin, Kaye E. Reed, & J. Ramón Arrowsmith.** 2015. “Late Pliocene fossiliferous sedimentary record and the environmental context of early *Homo* from Afar, Ethiopia.” *Science* **347** (20 March): 1355-1359.
- DiMaio, Frank, Xiong Yu, Elena Rensen, Mart Krupovic, David Prangishvili, & Edward H. Egelman.** 2015. “A virus that infects a hyperthermophile encapsulates A-form DNA.” *Science* **348** (22 May): 914-917.
- Di Meo, G. P., L. Molteni, A. Perucatti, A. De Giovanni, D. Incarnato, G. Succi, L. Schibler, E. P. Cribiu, & L. Iannuzzi.** 2000. “Chromosomal characterization of three centric fusion translocations in cattle using G-, R-, and C-banding and FISH technique.” *Caryologia* **53** (3-4): 213-218.
- Di Meo, G. P., A. Perucatti, R. Chaves, F. Adegá, L. De Lorenzi, L. Molteni, A. De Giovanni, D. Incarnato, H. Guedes-Pinto, A. Eggen, & L. Iannuzzi.** 2006. “Cattle rob(1;29) originating from complex chromosome rearrangements as revealed by both banding and FISH-mapping techniques.” *Chromosome Research* **14** (September): 649-655.
- Di Meo, G. P., A. Perucatti, S. Floriot, D. Incarnato, R. Rullo, A. Caputi Jambrenghi, L. Ferretti, G. Vonghia, E. Cribiu, A. Eggen, & L. Iannuzzi.** 2005. “Chromosome evolution and improved cytogenetic maps of the Y chromosome in cattle, zebu, river buffalo, sheep and goat.” *Chromosome Research* **13** (June): 349-355.
- DiMichele, William A., Jerrold I. Davis, & Richard G. Olmstead.** 1989. “Origins of heterospory and the seed habit: The role of heterochrony.” *Taxon* **38** (February): 1-11.
- DiMichele, William A., & Howard J. Falcon-Lang.** 2011. “Pennsylvanian ‘fossil forests’ in growth position (T⁰ assemblages): origin, taphonomic bias and palaeoecological insights.” *Journal of the Geological Society, London* **168** (March): 585-605.
- Dimitriou, Tatiana, Chantal Lotton, Julien Bénard-Capelle, Dusan Misevic, Sam P. Brown,**

- Ariel B. Lindner, & François Taddei.** 2014. “Genetic information transfer promotes cooperation in bacteria.” *Proceedings of the National Academy of Sciences* **111** (29 July): 11103-11108.
- Dimitrov, Tihomir.** 2008. “50 Nobel Laureates and other Great Scientists Who Believe in God.” *Nobelists* posting (online pdf at *nobelists.weebly.com* accessed 6/1/2014).
- . 2011. “Nobel Prize Winners and God.” *Atheism Exposed* undated posting (online text at *atheismexposed.tripod.com* accessed 4/19/2012).
- Dimond, Andrew, & Peter Fraser.** 2013. “Long Noncoding RNAs Exist in Three Dimensions.” *Science* **341** (16 August): 720-721.
- Dimond, Anna.** 2005. “O’Reilly: ‘War’ on Christmas part of ‘secular progressive agenda’ that includes ‘legalization of narcotics, euthanasia, abortion by will, gay marriage’.” *Media Matters Video* commentary posting 21 November (online text at *mediamatters.org* accessed 11/13/2012).
- Dimond, Patricia Fitzpatrick.** 2013. “What Junk DNA? It’s an Operating System.” *Genetic Engineering & Biotechnology News GEN Insight & Intelligence* 8 August posting (online text at *www.genengnews.com* accessed 10/31/2013).
- Dinan, Timothy G., & Lucinda V. Scott.** 2005. “Anatomy of melancholia: focus on hypothalamic-pituitary-adrenal axis overactivity and the role of vasopressin.” *Journal of Anatomy* **207** (September): 259-264.
- Diner, Rachel E., Chari M. Noddings, Nathan C. Lian, Anthony K. Kang, Jeffrey B. McQuaid, Jelena Jablanovic, Josh L. Espinoza, Ngocquynh A. Nguyen, Miguel A. Anzelmatti Jr., Jakob Jansson, Vincent A. Bielinski, Bogumil J. Karas, Christopher L. Dupont, Andrew E. Allen, & Philip D. Weyman.** 2017. “Diatom centromeres suggest a mechanism for nuclear DNA acquisition.” *Proceedings of the National Academy of Sciences* **114** (18 July): E6015-E6024.
- Dines, James P., Erik Otárola-Castillo, Peter Ralph, Jesse Alas, Timothy Daley, Andrew D. Smith, & Matthew D. Dean.** 2014. “Sexual Selection Targets Cetacean Pelvic Bones.” *Evolution* **68** (November): 3296-3306.
- Dinets, Vladimir.** 2014. “Apparent coordination and collaboration in cooperatively hunting crocodylians.” *Ethology Ecology & Evolution* **27** (2): 244-250.
- . 2015. “Play Behavior in Crocodylians.” *Animal Behavior and Cognition* **2** (1): 49-55.
- Dinets, V., J. C. Brueggen, & J. D. Brueggen.** 2015. “Crocodylians use tools for hunting.” *Ethology Ecology & Evolution* **27** (1): 74-78.
- Ding, Jian, & Dennis M. Levi.** 2011. “Recovery of stereopsis through perceptual learning in human adults with abnormal binocular vision.” *Proceedings of the National Academy of Sciences* **108** (13 September): E733-E741.
- Ding, Keyue, & Iftikhar J. Kullo.** 2009. “Evolutionary Genetics of Coronary Heart Disease.” *Circulation* **119** (27 January): 459-467.
- Ding, Nai, & Jonathan Z. Simon.** 2012. “Emergence of neural encoding of auditory objects while listening to competing speakers.” *Proceedings of the National Academy of Sciences* **109** (17 July): 11854-11859.
- Ding, Qinghua, John M. Wallace, David S. Battisti, Eric J. Steig, Ailie J. E. Gallant, Hyung-Jin Kim, & Lei Geng.** 2014. “Tropical forcing of the recent rapid Arctic warming in northeastern Canada and Greenland.” *Nature* **509** (8 May): 209-212.
- Ding, Yiliang, Yin Tang, Chun Kit Kwok, Yu Zhang, Philip C. Bevilacqua, & Sarah M. Assmann.** 2014. “*In vivo* genome-wide profiling of RNA secondary structure reveals novel regulatory features.” *Nature* **505** (30 January): 696-700.
- Ding, Yue, Carlo Manzo, Geraldine Fulcrand, Fenfei Leng, David Dunlap, & Laura Finzi.** 2014. “DNA supercoiling: A regulatory signal for the λ repressor.” *Proceedings of the National Academy of Sciences* **111** (28 October): 15402-15407.
- Ding, Yun, Augusto Berrocal, Tomoko Morita, Kit D. Longden, & David L. Stern.** 2016. “Natural courtship song variation caused by an intronic retroelement in an ion channel gene.” *Nature* **536** (18 August): 329-332.
- Ding, Yun, Qi Zhou, & Wen Wang.** 2012. “Origins of New Genes and Evolution of Their

- Novel Functions.” *Annual Review of Ecology, Evolution and Systematics* **43**: 345-363.
- Dinger, Eric C., Dean A. Hendrickson, Barbara M. Winsborough, & Jane C. Marks.** 2006. “Role of fish in structuring invertebrates on stromatolites in Cuatro Ciénegas, México.” *Hydrobiologia* **563** (June): 407-420.
- Dingus, Lowell, & David Loope.** 2000. “Death in the Dunes.” *Natural History* **109** (July/August): 50-55.
- Dingus, Lowell, & Mark Norell.** 2008. *The Dinosaur Hunters: The Extraordinary Story of the Men and Women Who Discovered Prehistoric Life*. New York: Metro Books (American Museum of Natural History).
- Dingus, Lowell, & Timothy Rowe.** 1998. *The Mistaken Extinction: Dinosaur Evolution and the Origin of Birds*. New York: W. H. Freeman & Co.
- Dini, Andrea, Alessandro Corretti, Fabrizio Innocenti, Sergio Rocchi, & David Scott Westerman.** 2007. “Sooty sweat stains or tourmaline spots? The Argonauts on the Island of Elba (Tuscany) and the spread of Greek trading in the Mediterranean Sea.” *Geological Society, London, Special Publications* **286**: 227-243.
- Dinman, Jonathan D.** 2015. “Entry signals control development.” *Nature* **517** (1 January): 24-25.
- Dinosaurs and Man.* 2011. “Dinosaurs of Ancient Israel.” *Dinosaurs and Man* posting (online text at www.dinosaursandman.com accessed 6/12/2011).
- Diogo, R., V. Abdala, M. A. Aziz, N. Logergan, & B. A. Wood.** 2008. “From fish to modern humans—comparative anatomy, homologies and evolution of the head and neck musculature.” *Journal of Anatomy* **213** (October): 391-424.
- Diogo, Rui, Yaniv Hinitz, & Simon M. Hughes.** 2008. “Development of mandibular, hyoid and hypobranchial muscles in the zebrafish: homologies and evolution of these muscles within body fishes and tetrapods.” *BMC Developmental Biology* (online @ ncbi.nlm.nih.gov) **8** (28 February): 24.
- Diogo, Rui, Robert G. Kelly, Lionel Christiaen, Michael Levine, Janine M. Ziermann, Julia L. Molnar, Drew M. Noden, & Eldad Ezahor.** 2015. “A new heart for a new head in vertebrate cardiopharyngeal evolution.” *Nature* **520** (23 April): 466-473.
- Diogo, Rui, Julia L. Molnar, & Bernard Wood.** 2017. “Bonobo anatomy reveals stasis and mosaicism in chimpanzee evolution, and supports bonobos as the most appropriate extant model for the common ancestor of chimpanzees and humans.” *Scientific Reports* (online @ www.nature.com/srep/) **7** (4 April): 608.
- Dionne, E. J. Jr., & William A. Galston.** 2010. “The Old and New Politics of Faith: Religion and the 2010 Election.” *Governance Studies at Brookings* analysis 17 November (online text at brookings.edu accessed 11/22/2010).
- Diop, Cheikh Anta,** trans. Yaa-Lengi Meema Ngemi, ed. Harold J. Salemson and Marjolijn de Jager. 1982. *Civilization or Barbarism: An Authentic Anthropology*. 1991 English ed. Brooklyn, NY: Lawrence Hill Books.
- Diosa Dotada.** 2009. “My Response to ‘The Harms of Homeschooling’.” *The Diosa Dotada Endeavor* posting 20 December (online text at diosadotada.homeschooljournal.net accessed 9/7/2011).
- Di Peso, Charles C.** 1953. “The Clay Figurines of Acambaro, Guanajuato, Mexico.” *American Antiquity* **18** (October): 388-389.
- Di-Poï, Nicolas, & Michel C. Milinkovitch.** 2016. “The anatomical placode in reptile scale morphogenesis indicates shared ancestry among skin appendages in amniotes.” *Science Advances* **2** (24 June): e1600708 (online at sciencemag.org).
- Di-Poï, Nicolas, Juan I. Montoya-Burgos, & Denis Duboule.** 2009. “Atypical relaxation of structural constraints in *Hox* gene clusters of the green anole lizard.” *Genome Research* **19** (April): 602-610.
- Di-Poï, Nicolas, Juan I. Montoya-Burgos, Hilary Miller, Olivier Pourquié, Michel C. Milinkovitch, & Denis Duboule.** 2010. “Changes in *Hox* genes’ structure and function during the evolution of the squamate body plan.” *Nature* **464** (4 March): 99-103.
- Di Prisco, Gennaro, Desiderato Annoscia, Marina Margiotta, Rosalba Ferrara, Paola**

- Varricchio, Virginia Zanni, Emilio Caprio, Francesco Nazzi, & Francesco Pennacchio.** 2016. "A mutualistic symbiosis between a parasitic mite and a pathogenic virus undermines honey bee immunity and health." *Proceedings of the National Academy of Sciences* **113** (22 March): 3203-3208.
- Dirks, Paul H. G. M., Lee R. Berger, Eric M. Roberts, Jan D. Kramers, John Hawks, Patrick S. Randolph-Quinney, Marina Elliott, Charles M. Musiba, Steven E. Churchill, Darryl J. de Ruiter, Peter Schmid, Lucinda R. Backwell, Georgy A. Belyanin, Pedro Boshoff, K. Lindsay Hunter, Elen M. Feuerriegel, Alia Gurtov, James du G. Harrison, Rick Hunter, Ashley Kruger, Hannah Morris, Tebogo V. Makhubela, Becca Peixotto, & Steven Tucker.** 2015. "Geological and taphonomic context for the new hominin species *Homo naledi* from the Dinaledi Chamber, South Africa." *eLife* (online @ elifesciences.org) **4** (10 September): e09561.
- Dirks, Paul H. G. M., Job M. Kibii, Brian F. Kuhn, Christine Steininger, Steven E. Churchill, Jan D. Kramers, Robyn Pickering, Daniel L. Farber, Anne-Sophie Mériaux, Andy I. R. Herries, Geoffrey C. P. King, & Lee R. Berger.** 2010. "Geological Setting and Age of *Australopithecus sediba* from Southern Africa." *Science* **328** (9 April): 205-208.
- Dirscherl, Luise.** 2009. "Early family ties: No sponge in the human family tree." *EurekaAlert!* posting of 2 April press release (online text at www.eurekaalert.org accessed 7/17/2014).
- DiRuggiero, Jocelyne, James R. Brown, Allison P. Bogart, & Frank T. Robb.** 1999. "DNA Repair Systems in Archaea: Mementos from the Last Universal Common Ancestor." *Journal of Molecular Evolution* **49** (October): 474-484.
- Discernment Research Group.** 2011. "Denying Dominionism." *Herescope* 26 August posting (online text at herescope.blogspot.com accessed 9/1/2011).
- Discher, Dennis E., David H. Boal, & Seng K. Boey.** 1998. "Simulations of the Erythrocyte Cytoskeleton at Large Deformation. II. Micropipette Aspiration." *Biophysical Journal* **75** (September): 1584-1597.
- Discovery Institute.* 1998. "The Wedge." *National Center for Science Education* posting of *Discovery Institute* document (online pdf at ncse.com accessed 1/10/2014).
- . 2001a. "Getting the Facts Straight: A Viewer's Guide to PBS's *Evolution*." *Discovery Institute* posting (online pdf at discovery.org accessed 12/29/2010).
- . 2001b. "Congress Urges Teaching of Diverse Views on Evolution, but Darwinists Try to Deny It." *Center for the Renewal of Science & Culture* 28 December posting (online text at discovery.org accessed 6/14/2002).
- . 2001c. "Origin of the Dinosaurs." *Intelligent Design* undated posting (online text at intelligentdesign.org accessed 6/14/2001, not available as of 10/25/2014).
- . 2002a. "Design Theory: A New Science for a New Century." *Center for the Renewal of Science & Culture* posting (online text at discovery.org accessed 4/30/2002).
- . 2002b. "Bibliography of Supplemental Resources For Ohio Science Instruction." *Center for the Renewal of Science & Culture* 11 March posting (online text at discovery.org accessed 4/22/2002).
- . 2002c. "Questions and Answers About the Discovery Institute's Bibliography of Supplemental Resources for Ohio Science Instruction." *Center for the Renewal of Science & Culture* 15 April posting (online pdf at discovery.org accessed 4/22/2002).
- . 2002d. "Biologist Ken Miller Flunks Political Science on Santorum." *Center for the Renewal of Science & Culture* 19 April posting (online text at discovery.org accessed 6/14/2002).
- . 2002e. "28 Georgia Scientists, in Addition to 132 Nation-wide, Call for Academic Freedom on Darwinism." *Discovery Institute* 20 September press release posting at *Access Research Network* (online text at www.arn.org accessed 9/30/2002, not available as of 4/2/2014).
- . 2002f. "Ohio Board Backs Academic Freedom and Encourages Critical Analysis of Evolution." *Discovery Institute News* 15 October posting (online text at discovery.org accessed 10/23/2002, not available as of 2/26/2014).
- . 2003a. "A Preliminary Analysis of the Treatment of Evolution in Biology Textbooks

- currently being considered for adoption by the Texas State Board of Education.” *Discovery Institute* posting (online pdf at discovery.org accessed 2/5/2014).
- . 2003b. “Clarifying the Issues in the Texas Textbook Controversy.” *Discovery Institute* posting (online text at discovery.org accessed 7/14/2003, not available as of 2/4/2014).
- . 2003c. “CNN Fabricates Texas Textbook Story.” *Discovery Institute* posting (online text at discovery.org accessed 7/14/2003, not available as of 2/4/2014).
- . 2003d. “40 Texas scientists join growing national list of scientists skeptical of Darwin.” *Discovery Institute* posting (online text at discovery.org accessed 11/3/2011).
- . 2004a. “New Book Examines the Scientific Evidence for Intelligent Design and Darwinism and Advocates Teaching Both to Improve Science Education.” *Discovery Institute* 8 January staff posting (online text at discovery.org accessed 1/14/2004).
- . 2004b. “Doubts Over Evolution Mount With Over 300 Scientists Expressing Skepticism With Central Tenet of Darwin’s Theory.” *Center for Science & Culture* staff posting 1 April (online text at discovery.org accessed 11/3/2011).
- . 2004c. “Neo-Darwinism’s Unsolved Problem of the Origin of Morphological Novelty.” *Center for Science & Culture* Fellows posting 11 October (online text at discovery.org accessed 3/6/2013).
- . 2005a. “The ‘Wedge Document’: ‘So What?’” *Discovery Institute* July posting (online pdf at discovery.org accessed 1/9/2014).
- . 2005b. “Six Myths About the Evolution Debate.” Handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- . 2005c. “Attack on OSU Graduate Student Endangers Academic Freedom.” *Center for Science & Culture* staff posting 13 June (online text at discovery.org accessed 6/26/2010).
- . 2005d. “Articles Advocating Teaching the Controversy.” *Center for Science & Culture* staff posting 3 July with updated listings (online text at discovery.org accessed 5/26/2014).
- . 2005e. “Dover Trial Preview to Witness Testimony.” *Center for Science & Culture* 29 September posting (online text at discovery.org accessed 12/11/2007).
- . 2005f. “Top Questions and Answers About Intelligent Design Theory.” Handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- . 2005g. “Setting the Record Straight about Discovery Institute’s Role in the Dover School District Case.” *Discovery Institute News* 10 November posting (online text at discovery.org accessed 1/26/2006).
- . 2005h. “Dover Intelligent Design Trial Information.” *Discovery Institute News* 19 December posting (online text at discovery.org accessed 1/26/2006).
- . 2005i. “Dover Intelligent Design Decision Criticized as a Futile Attempt to Censor Science Education.” *Discovery Institute News* 20 December posting (online text at discovery.org accessed 1/26/2006).
- . 2006. “Truth Sheet #02-06.” *Discovery Institute* posting (online pdf at discovery.org accessed 6/1/2015).
- . 2007. “A Scientific Dissent From Darwinism.” *Center for Science & Culture* posting of October revision (online text at discovery.org accessed 1/9/2008).
- . 2008a. “Motive Marketing and Discovery Institute Launch www.AcademicFreedomPetition.com in Support of Freedom for Teachers and Students to Challenge Darwinism.” *Center for Science & Culture* staff posting 7 February (online text at discovery.org accessed 3/10/2008).
- . 2008b. “Louisiana House Passes Academic Freedom Bill on Evolution and Other Science Issues.” *Center for Science & Culture* staff posting 11 June (online text at discovery.org accessed 6/19/2008).
- . 2008c. “Louisiana State Legislature Passes Landmark Act That Encourages Critical Analysis Of Evolution.” *Center for Science & Culture* staff posting 16 June (online text at discovery.org accessed 2/16/2011).
- . 2008d. “Explaining the Science of Intelligent Design.” *Discovery Institute* 24 December posting (online text at intelligentdesign.org accessed 12/24/2008).
- . 2009a. “An Analysis of the Expert Testimony of Prof. David Hillis Before the Texas

- State Board of Education on January 21,2009.” *Center for Science & Culture* staff posting 27 March (online text at *discovery.org* accessed 6/9/2010).
- . 2009b. “An Analysis of the Expert Testimony of Prof. Ronald Wetherington Before the Texas State Board of Education on January 21,2009.” *Center for Science & Culture* staff posting 27 March (online text at *discovery.org* accessed 1/4/2013).
- . 2009c. “The Scientific Controversy Over Whether Microevolution Can Account For Macroevolution.” *Discovery Institute* posting (online pdf at *intelligentdesign.org* accessed 2/24/2013).
- . 2009d. “The Theory of Intelligent Design: A Briefing Packet for Educators.” *Discovery Institute* posting (online pdf at *intelligentdesign.org* accessed 7/31/2010).
- . 2010a. “A Scientific Dissent From Darwinism.” *Center for Science & Culture* posting of January revision (online text at *discovery.org* accessed 3/1/2011).
- . 2010b. “Background on David Coppedge and the Lawsuit Against NASA’s Jet Propulsion Laboratory.” *Center for Science & Culture* staff posting 19 April (online text at *discovery.org* accessed 9/4/2010).
- . 2010c. “Discovery Institute’s Science Education Policy.” *Center for Science & Culture* staff posting 17 August (online text at *discovery.org* accessed 8/18/2010).
- . 2010d. “Are God and Evolution Compatible? Some Catholic, Jewish and Protestant Authors Say No.” *Kansas City Star* 12 October posting of *Discovery Institute* press release: online text accessed 10/20/2010 (www.kansascity.com).
- . 2010e. “Report on Accomplishments for 2010.” *Center for Science & Culture* direct mailing (9 December).
- . 2010f. “Questions about the Cambrian Explosion, Evolution, and Intelligent Design.” *Center for Science & Culture* “Darwin’s Dilemma: The Mystery of the Cambrian Explosion” posting (online pdf at www.darwinsdilemma.org accessed 6/29/2014).
- . 2011a. “Background on David Coppedge and the Lawsuit Against NASA’s Jet Propulsion Laboratory Revised.” *Center for Science & Culture* staff posting 17 February (online text at *discovery.org* accessed 2/17/2011).
- . 2011b. “Washington Policy Center’s 9th Annual Health Care Conference.” *Discovery Institute* email announcement (online text via *discovery.org* accessed 5/20/2011).
- . 2011c. “The Next Middle East Wars.” *Discovery Institute* 7 June email announcement (online text via *discovery.org* accessed 6/11/2011).
- . 2011d. “An Evaluation of Supplementary Biology and Evolution Curricular Materials Submitted for Adoption by the Texas State Board of Education.” *Center for Science & Culture* 7 June report (online text at *discovery.org* accessed 6/15/2011).
- . 2011e. “Study Finds Glaring Bloopers in Proposed Texas Science Curricula.” *Center for Science & Culture* staff posting 9 June (online text at *discovery.org* accessed 6/15/2011).
- . 2011f. “Do the Laws of Physics Make God Unnecessary?” *Discovery Institute* Center for Science & Culture *faith+science* staff posting 2 August (online text at *discovery.org* accessed 8/3/2011).
- . 2011g. “A Scientific Dissent From Darwinism.” *Dissent from Darwin* posting of December revision (online text at www.dissentfromdarwin.org accessed 2/17/2013).
- . 2011h. “Give Discovery Institute a Head Start on 2012!” *Discovery Institute* 29 December email announcement (online text via *discovery.org* accessed 12/29/2011).
- . 2012a. “Rick Santorum, the Santorum Amendment and Intelligent Design.” *Center for Science & Culture* staff posting 6 January (online text at *discovery.org* accessed 2/4/2012).
- . 2012b. “Peer-Reviewed & Peer-Edited Scientific Publications Supporting the Theory of Intelligent Design (Annotated).” *Center for Science & Culture* staff posting 1 February (online text at *discovery.org* accessed 2/12/2012).
- . 2012c. “A Parent’s Guide to Intelligent Design.” *Discovery Institute* posting (online pdf at *intelligentdesign.org* accessed 1/23/2014).
- . 2012d. “Background on David Coppedge and the Lawsuit Against NASA’s Jet Propulsion Laboratory.” *Center for Science & Culture* staff updated posting 2 November (online text at *discovery.org* accessed 6/6/2016).
- . 2013a. “Donald A. McLaughlin.” *Discovery Institute* biographical staff posting (online

- text at *discovery.org* accessed 10/18/2013).
- . 2013b. “Upcoming December Events from Discovery Institute.” *Discovery Institute* 20 November email announcement (online text via *discovery.org* accessed 12/11/2013).
 - . 2013c. “L.A. Museum of Natural History caves to pressure, removes reference to God.” *Discovery Institute* 18 December email announcement (online text via *discovery.org* accessed 6/8/2014).
 - . 2013d. “Eric Metaxas Interviews Steve Meyer on ‘Darwin’s Doubt’.” *Discovery Institute* Center for Science & Culture *faith+science* 19 December email online text via *discovery.org* accessed 12/20/2013).
 - . 2013e. “How Darwin Stole Christmas.” *Discovery Institute* Center for Science & Culture 20 December email online text via *discovery.org* accessed 12/20/2013).
 - . 2014a. “Upcoming Event: Darwin’s Doubt January 22, 2014 *Southern Adventist University*.” *Discovery Institute* 1 January email announcement (online text via *discovery.org* accessed 1/1/2014).
 - . 2014b. “A Scientific Dissent From Darwinism.” *Dissent from Darwin* posting of April revision (online pdf at *www.dissentfromdarwin.org* accessed 5/26/2014).
 - . 2014c. “Darwin’s Doubt: A Discussion Guide.” *Discovery Institute* posting (online pdf at *www.discovery.org* accessed 6/24/2014).
 - . 2014d. “Come See A Rock Star of the Intelligent Design Movement in Seattle on July 16.” *Discovery Institute* Center for Science & Culture 11 July email (online text via *discovery.org* accessed 7/11/2014).
 - . 2015a. “Contact South Dakota Senate Education Committee to Support SB 114.” *Discovery Institute* 9 February “Action Alert”(online text at *discovery.org* accessed 2/9/2015).
 - . 2015b. “Climate Change and the Poor.” *Discovery Institute* 19 February email (online text via *www.discovery.org* accessed 2/19/2015).
 - . 2015c. “Join Us for a Special Lunch Featuring Author and Commentator John Fund.” *Discovery Institute* 2 July email (online text via *www.discovery.org* accessed 7/2/2015).
 - . 2015d. “The Theory of Intelligent Design: Educator’s Briefing Packet.” *Discovery Institute* posting (online pdf via *www.discovery.org* accessed 7/6/2015).
 - . 2016a. “Poll: Americans Overwhelmingly Oppose United Methodist Decision to Ban Intelligent Design Group.” *Discovery Institute* 25 January posting (online pdf via *www.discovery.org* accessed 4/23/2016).
 - . 2016b. “Less Than 2 Weeks Away! Join George Gilder and Jay Richards for ‘The Path to Prosperity: A Discussion on Free Markets, Poverty, and Income Inequality.’” *Discovery Institute* 11 March email (online text via *www.discovery.org* accessed 4/24/2016).
 - . 2016c. “New Poll Reveals Evolution’s Corrosive Impact on Beliefs about Human Uniqueness.” *Discovery Institute* 5 April posting (online pdf via *www.discovery.org* accessed 4/23/2016).
 - . 2016d. “Just one week away: How Obama’s Foreign Policy Has Weakened America.” *Discovery Institute* Chapman Center for Citizen Leadership 5 May email (online text via *www.discovery.org* accessed 5/6/2016).
 - . 2016e. “Poll: Americans Overwhelmingly Support the Right of Students, Teachers, and Scientists to Discuss Dissenting Scientific Views on Evolution.” *Discovery Institute* 1 July posting (online pdf via *www.discovery.org* accessed 7/4/2016).
 - . 2016f. “You’re invited: Hear from Congresswoman Cathy McMorris Rodgers on August 30.” *Discovery Institute* Chapman Center for Citizen Leadership 28 July email (online text via *www.discovery.org* accessed 7/29/2016).
 - . 2016g. “The Islamic State’s Genocide of Christians: A Firsthand Account from Journalist Mindy Belz.” *Discovery Institute* 13 September email (online text via *www.discovery.org* accessed 9/17/2016).
 - . 2016h. “This Thursday: Join us for a discussion of ‘The Myth of Millennial Liberalism’.” *Discovery Institute* 24 October email (online text via *www.discovery.org* accessed 11/5/2016).
 - . 2017a. “Just Announced: An Evening with Steve Forbes in Seattle.” *Discovery Institute*

- 19 January email (online text via www.discovery.org accessed 1/28/2017).
- . 2017b. “New Tom Bethell Book: Exclusive Pre-Release Discount!” *Center for Science & Culture* 19 January email (online text via discovery.org accessed 1/28/2017).
- Discovery News*. 2014. “New Forms of Racism Arising in Research.” *Discovery News* posting 15 February (online text at news.discovery.com accessed 2/19/2014).
- Discovery Park*. 2006a. “Chariot Wheels Discovered in the Red Sea!” *Discovery Park* posting (online text at www.discoverynews.us accessed 9/14/2013).
- . 2006b. “DARWIN HOUSE: The Origin of Species.” *Discovery Park* posting (online text at www.discoverynews.us accessed 9/14/2013).
- . 2006c. “Human Fossils In Same Rock Strata As Dinosaur Fossils?” *Discovery Park* posting (online text at www.discoverynews.us accessed 9/14/2013).
- . 2006d. “Modern Day Sightings of Strange Creatures.” *Discovery Park* posting (online text at www.discoverynews.us accessed 9/14/2013).
- . 2006e. “NOAH’S ARK: Fact or Fiction?” *Discovery Park* posting (online text at www.discoverynews.us accessed 9/14/2013).
- DiSilvestro, Robert**. 1997. “Where’s the Evidence?” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- DiSilvestro, Robert, & Glen R. Needham**. 2005. “Professors Defend Ohio Grad Student Under Attack by Darwinists.” *Center for Science & Culture* posting 11 July (online text at discovery.org accessed 6/26/2010).
- Dimukes, G. C., V. V. Klimov, S. V. Baranov, Yu. N. Kozlov, J. DasGupta, & A. Tyrshkin**. 2001. “The origin of atmospheric oxygen on Earth: The innovation of oxygenic photosynthesis.” *Proceedings of the National Academy of Sciences* **98** (27 February): 2170-2175.
- Diss, Guillaume, Isabelle Gagnon-Arsenault, Anne-Marie Dio-Coté, Hélène Vignaud, Diane I. Ascencio, Caroline M. Berger, & Christian R. Landry**. 2017. “Gene duplication can impart fragility, not robustness, in the yeast protein interaction network.” *Science* **355** (10 February): 630-634.
- Dissanayake, Ellen**. 2000. “Birth of the Arts.” *Natural History* **109** (December): 84-91.
- Dissanayake, Samantha**. 2014. “The Indian miracle-buster stuck in Finland.” *BBC News* posting 3 June: online text accessed 5/16/2016 (www.bbc.com).
- Disteche, Christine M.** 1999. “Escapees on the X chromosome.” *Proceedings of the National Academy of Sciences* **96** (7 December): 14180-14182.
- Distel, Daniel L., Marvin A. Altamia, Zhenjian Lin, J. Reuben Shipway, Andrew Han, Imelda Forteza, Rowena Antemano, Ma. Gwen J. Peñafior Limbaco, Alison G. Tebo, Rande Dechavez, Julie Albano, Gary Rosenberg, Gisela P. Concepcion, Eric W. Schmidt, & Margo G. Haygood**. 2017. “Discovery of chemoautotrophic symbiosis in the giant shipworm *Kuphus polythalamia* (Bivalvia: Teredinidae) extends wooden-steps theory.” *Proceedings of the National Academy of Sciences* **114** (2 May): E3652-E3658.
- DiTacchio, Luciano, Hiep D. Le, Christopher Vollmers, Megumi Hatori, Michael Witcher, Julie Secombe, & Satchidananda Panda**. 2011. “Histone Lysine Demethylase JARID1a Activates CLOCK-BMAL1 and Influences the Circadian Clock.” *Science* **333** (30 September): 1881-1885.
- Ditchfield, P., & J. D. Marshall**. 1989. “Isotopic variation in rhythmically bedded chalks: paleotemperature variation in the Upper Cretaceous.” *Geology* **17** (September): 842-845.
- Dittmann, Jason A., Jonathan M. Irwin, David Charbonneau, Xavier Bonfils, Nicola Astudillo-Defru, Raphaëlle D. Haywood, Zachory K. Berta-Thompson, Elisabeth R. Newton, Joseph E. Rodriguez, Jennifer G. Winters, Thiam-Guan Tan, Jose-Manuel Almenara, François Bouchy, Xavier Delfosse, Thierry Forveille, Christophe Lovis, Felipe Murgas, Francesco Pepe, Nuno C. Santos, Stéphane Udry, Anaël Wünsche, Gilbert A. Esquerdo, David W. Latham, & Courtney D. Dressing**. 2017. “A temperate rocky super-Earth transiting a nearby cool star.” *Nature* **544** (20 April): 333-336.
- Dittrich, Luke**. 2013. “The Prophet.” *Esquire* 2 July article posting (online text at www.esquire.com accessed 8/30/2015).
- Dittrich-Reed, Dylan R., & Benjamin M. Fitzpatrick**. 2013. “Transgressive Hybrids as

- Hopeful Monsters.” *Evolutionary Biology* **40**: 310-315.
- Ditz, Helen M., & Andreas Nieder.** 2015. “Neurons selective to the number of visual items in the corvid songbird endbrain.” *Proceedings of the National Academy of Sciences* **112** (23 June): 7827-7832.
- Ditzel, Lars, Jan Lowe, Daniela Stock, Karl-Otto Stetter, Harald Huber, Robert Huber, & Stefan Steinbacher.** 1998. “Crystal Structure of the Thermosome, the Archaeal Chaperonin and Homolog of CCT.” *Cell* **93** (3 April): 125-138.
- Divakaruni, Ajit S., & Anne N. Murphy.** 2012. “A Mitochondrial Mystery, Solved.” *Science* **337** (6 July): 41-43.
- Di Virgilio, Michela, Elsa Callen, Arito Yamane, Wenzhu Zhang, Mila Jankovic, Alexander D. Gitlin, Niklas Feldhahn, Wolfgang Resch, Thiago Y. Oliveira, Brian T. Chait, André Nussenzweig, Rafael Casellas, Davide F. Robbiani, & Michel C. Nussenzweig.** 2013. “Rif1 Prevents Resection of DNA Breaks and Promotes Immunoglobulin Class Switching.” *Science* **339** (8 February): 711-715.
- Dixon, Brendan.** 2016a. “How Likely Is a ‘Terminator’ Future?” Discovery Institute *Evolution News & Views* 21 April posting (online text at *evolutionnews.org* accessed 4/27/2016).
- . 2016b. “When Atheists Meet Creationism, You Get Creatheism.” Discovery Institute *Evolution News & Views* 17 June posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016c. “Artificial Intelligence: Good Aim, Wrong Target.” Discovery Institute *Evolution News & Views* 16 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016d. “In Election 2016, Why Big Data Took a Tumble.” Discovery Institute *Evolution News & Views* 29 November posting (online text at *evolutionnews.org* accessed 12/8/2016).
- . 2017. “Siddhartha Mukherjee’s History of Genomics Is a Story with a Lesson.” Discovery Institute *Evolution News & Views* 3 March posting (online text at *evolutionnews.org* accessed 3/13/2017).
- Dixon, Christopher J., Peter Schönswetter, Jan Suda, Magdalena M. Wiedermann, & Gerald M. Schneeweiss.** 2009. “Reciprocal Pleistocene origin and postglacial range formation of an allopolyploid and its sympatric ancestors (*Androsace adfinis* group, Primulaceae).” *Molecular Phylogenetics and Evolution* **50** (January): 74-83.
- Dixon, Dougal.** 1988a. *The Illustrated Dinosaur Encyclopedia*. New York: Gallery Books.
- . 1988b. *The New Dinosaurs: An Alternative Evolution*. London: Grafton Books.
- . 1990. *Man after Man: An Anthropology of the Future*. New York: St. Martin’s Press.
- Dixon, Dougal, & Rupert Matthews.** 1992. *The Illustrated Encyclopedia of Prehistoric Life*. New York: Smithmark.
- Dixon, Lee.** 2017. Collier County, Florida 14 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at *floridacitizensalliance.com* accessed 4/27/2017).
- Dixson, Alan F.** 2013. “Male infanticide and primate monogamy.” *Proceedings of the National Academy of Sciences* **110** (17 December): E4937.
- Dixson, Danielle L., & Mark E. Hay.** 2012. “Corals Chemically Cue Mutualistic Fishes to Remove Competing Seaweeds.” *Science* **338** (9 November): 804-807.
- Dixson, Luanna, Henrik Walter, Michael Schneider, Susanne Erk, Axel Schäfer, Leila Haddad, Oliver Grimm, Manuel Mattheisen, Markus M. Nöthen, Sven Cichon, Stephanie H. Witt, Marcella Rietschel, Sebastian Mohnke, Nina Seiferth, Andreas Heinz, Heike Tost, & Andreas Meyer-Lindenberg.** 2014. “Identification of gene ontologies linked to prefrontal-hippocampal functional coupling in the human brain.” *Proceedings of the National Academy of Sciences* **111** (1 July): 9657-9662.
- Djebali, Sarah, Carrie A. Davis, Angelika Merkel, Alex Dobin, Timo Lassmann, Ali Mortazavi, Andrea Tanzer, Julien Lagarde, Wei Lin, Felix Schlesinger, Chenghai Xue, Georgi K. Marinov, Jainab Khatun, Brian A. Williams, Chris Zaleski, Joel Rozowsky, Maik Röder, Felix Kokocinski, Rehab F. Abdelhamid, Tyler Alioto, Igor Antoshechkin, Michael T. Baer, Nadav S. Bar, Philippe Batut, Kimberly Bell, Ian Bell, Sudipto Chakraborty, Xian Chen, Jacqueline Chrast, Joao Curado, Thomas Derrien, Jorg Drenkow, Erica Dumais, Jacqueline Dumais, Radha Duttagupta, Emilie Falconnet, Meagan Fastuca, Kata Fejes-Toth, Pedro Ferreira, Sylvain Foissac,**

- Melissa J. Fullwood, Hui Gao, David Gonzalez, Assaf Gordon, Harsha Gunawardena, Cedric Howald, Sonali Jha, Rory Johnson, Philipp Kapranov, Brandon King, Colin Kingswood, Oscar J. Luo, Eddie Park, Kimberly Persaud, Jonathan B. Preall, Paolo Ribeca, Brian Risk, Daniel Robyr, Michael Sammeth, Lorian Schaffer, Lei-Hoon See, Atif Shahab, Jorgen Skancke, Ana Maria Suzuki, Hazuki Takahashi, Hagen Tilgner, Diane Trout, Nathalie Walters, Huaien Wang, John Wrobel, Yanbao Yu, Xiaoran Ruan, Yoshihide Hayashizaki, Jennifer Harrow, Mark Gerstein, Tim Hubbard, Alexandre Reymond, Stylianos E. Antonarakis, Gregory Hannon, Morgan C. Giddings, Yijun Ruan, Barbara Wold, Piero Carninci, Roderic Guigó, & Thomas R. Gingeras.** 2012. "Landscape of transcription in human cells." *Nature* **489** (6 September): 101-108.
- Djokis, Tara, Martin J. Van Kranendonk, Kathleen A. Campbell, Malcolm R. Walter, & Colin R. Ward.** 2017. "Earliest signs of life on land preserved in ca. 3.5 Ga hot spring deposits." *Nature Communications* (online @ nature.com) **8** (9 May): 15263.
- Djupe, Paul A., Andrew R. Lewis, Ted G. Jelen, & Charles D. Dahan.** 2014. "Rights Talk: The Opinion Dynamics of Rights Framing." *Social Science Quarterly* **95** (September): 652-668.
- Djuranovic, Sergej, Ali Nahvi, & Rachel Green.** 2011. "A Parsimonious Model for Gene Regulation by miRNAs." *Science* **331** (4 February): 550-553.
- Dlakić, Mensur, & Arcady Mushegian.** 2011. "Prp8, the pivotal protein of the spliceosomal catalytic center, evolved from a retroelement-encoded reverse transcriptase." *RNA* **17** (May): 799-808.
- DLH.** 2008a. "Are ATP energy cycles essential for life?" *Uncommon Descent* posting 19 January (online text at www.uncommondescent.com accessed 4/12/2012).
- . 2008b. "PeerGate review scandal at American Physical Society." *Uncommon Descent* posting 19 July (online text at www.uncommondescent.com accessed 6/26/2011).
- . 2011. "Norway shooter a Darwinian terrorist?" *Uncommon Descent* posting 24 July (online text at www.uncommondescent.com accessed 8/4/2011).
- . 2013. "Is Human Intellect Degenerating?" *Uncommon Descent* posting 19 February (online text at www.uncommondescent.com accessed 10/17/2013).
- . 2017. "Discovery of 7 times higher complexity of protein folding!" *Uncommon Descent* posting 5 March (online text at www.uncommondescent.com accessed 3/8/2017).
- Dlussky, G. M.** 1999. "The First Find of the Formicoidea (Hymenoptera) in the Lower Cretaceous of the Northern Hemisphere." *Paleontological Journal* **33** (3): 274-277.
- . 2012. "New Fossil Ants of the Subfamily Myrmeciinae (Hymenoptera, Formicidae) from Germany." *Paleontological Journal* **46** (3): 288-292.
- Dlussky, G. M., & K. S. Perfilieva.** 2003. "Paleogene Ants of the Genus *Archimyrme* Cockerell, 1923 (Hymenoptera, Formicidae, Myrmeciinae)." *Paleontological Journal* **37** (1): 39-47.
- Dlussky, Gennady M., & Alexander G. Radchenko.** 2006. "A new ant genus from the late Eocene European amber." *Acta Palaeontologica Polonica* **51** (3): 561-567.
- . 2009. "Two new primitive ant genera from the late Eocene European ambers." *Acta Palaeontologica Polonica* **54** (3): 435-441.
- Dlussky, Gennady, Alexander Radchenko, & Dmitry Dubovikoff.** 2014. "A new enigmatic ant genus from late Eocene Danish Amber and its evolutionary and zoogeographic significance." *Acta Palaeontologica Polonica* **59** (4): 931-939.
- Dmitrieva, Renata I., Alexei Y. Bagrov, Enzo Lalli, Paolo Sassone-Corsi, Douglas M. Stocco, & Peter A. Doris.** 2000. "Mammalian Bufadienolide Is Synthesized From Cholesterol in the Adrenal Cortex by a Pathway That Is Independent of Cholesterol Side-Chain Cleavage." *Hypertension* **36** (September): 442-448.
- Dobata, Shigeto, & Kazuki Tsuji.** 2013. "Public goods dilemma in asexual ant societies." *Proceedings of the National Academy of Sciences* **110** (1 October): 16056-16060.
- Doberenz, Jake.** 2014. "Fossils Out of Time and Place: Bill Nye Should Be A Creationist Now." *The Creation Club* 23 July posting (online text at thecreationclub.com accessed 6/2/2015).

- Dobler, Susanne, Safaa Dalla, Vera Wagschal, & Anurag A. Agrawal.** 2012. "Community-wide convergent evolution in insect adaptation to toxic cardenolides by substitutions in the Na,K-ATPase." *Proceedings of the National Academy of Sciences* **109** (7 August): 13040-13045.
- Dobosz, Paula, & Jakub Zawila-Niedźwiecki.** 2016. "Anti-science wave sweeps Poland." *Nature* **532** (28 April): 441.
- Dobras, Allan.** 2009. "Samurai Crabs, Selfish Genes, and Saber-Toothed Tigers." *BreakPoint* posting 18 September (online text at www.breakpoint.org accessed 3/12/2011).
- Dobrenko, Evgeny,** trans. Jesse M. Savage. 2007. *Political Economy of Socialist Realism*. New Haven, CT: Yale University Press.
- Dobson, Christopher M., G. Barney Ellison, Adrian F. Tuck, & Veronica Vaida.** 2000. "Atmospheric aerosols as prebiotic chemical reactors." *Proceedings of the National Academy of Sciences* **97** (24 October): 11864-11868.
- Dobson, David.** 2016. "Earth's core problem." *Nature* **534** (2 June): 45.
- Dobson, David P., & John P. Brodholt.** 2005. "Subducted banded iron formations as a source of ultralow-velocity zones at the core-mantle boundary." *Nature* **434** (17 March): 371-373.
- Dobson, Edward.** 1982a. "Fundamentalism—Its Roots." *Fundamentalist Journal* **1** (September): 24, 26-27.
- . 1982b. "The King James Version 1611." *Fundamentalist Journal* **1** (November): 34, 60.
- . 1984. "Fundamentalism Today: The Lunatic Fringe." *Fundamentalist Journal* **3** (April): 30-31.
- . 1985a. "AIDS: Looking for the Cure." *Fundamentalist Journal* **4** (October): 34.
- . 1985b. "Divorce in the Old Testament." *Fundamentalist Journal* **4** (October): 39-41.
- . 1986a. "Divorce: The Teaching of Jesus and Paul, Part 2." *Fundamentalist Journal* **5** (February): 40-41.
- . 1986b. "Divorce and the Teaching of Paul." *Fundamentalist Journal* **5** (March): 26-27.
- Dobson, Ed, & Ed Hindson.** 1984. "Evangelical Tolerance or All Things to All Men." *Fundamentalist Journal* **3** (January): 10-11.
- Dobson, F. Stephen.** 2012. "Lifestyles and phylogeny explain bird life histories." *Proceedings of the National Academy of Sciences* **109** (3 July): 10747-10748.
- . 2013. "Live fast, die young, and win the sperm competition." *Proceedings of the National Academy of Sciences* **110** (29 October): 17610-17611.
- Dobson, James C.** 2011. "Marriage Under Fire." *FamilyTalk* July posting (online pdf at www.familytalk.org accessed 8/22/2011).
- . 2012a. "Battle for Life, Faith and Music—This Month on Grounded with Ryan Dobson!" *FamilyTalk* 29 March email (online text via drjamesdobson.org accessed 3/29/2012).
- . 2012b. "Remembering Chuck Colson." *FamilyTalk* 22 April email (online text via drjamesdobson.org accessed 4/23/2012).
- . 2012c. "Manhattan Declaration: A Call of Christian Conscience." *FamilyTalk* 8 February email (online text via drjamesdobson.org accessed 2/8/2012).
- . 2013a. "Freedom, Justice and Religious Liberty for All." *FamilyTalk* August posting (online text via drjamesdobson.org accessed 8/14/2013).
- . 2013b. "Dr. James Dobson's Response to Polygamy Decision." *FamilyTalk* December posting (online text via drjamesdobson.org accessed 12/17/2013).
- . 2013c. "Before you watch the Rose Parade...." *FamilyTalk* 31 December email (online text via drjamesdobson.org accessed 12/31/2013).
- Dobzhansky, Theodosius.** 1941. *Genetics and the Origin of Species*. Rev. ed. New York: Columbia University Press.
- . 1955. *Evolution, Genetics, and Man*. 1963 ed. New York: John Wiley & Sons.
- . 1962. *Mankind Evolving: The Evolution of the Human Species*. New Haven, CT: Yale University Press.
- . 1973. "Nothing in Biology Makes Sense Except in the Light of Evolution." *The American Biology Teacher* **35** (March): 125-129.
- . 1975. "Darwinism or 'Oriented' Evolution?" *Evolution* **29** (June): 376-378.

- Dobzhansky, Theodosius, & Olga Pavlovsky.** 1971. "Experimentally created insipient species of *Drosophila*." *Nature* **230** (2 April): 289-292.
- Docampo, Roberto, Wanderley de Souza, Kildare Miranda, Peter Rohloff, & Silvia N. J. Moreno.** 2005. "Acidocalcisomes ? conserved from bacteria to man." *Nature Reviews Microbiology* **3** (March): 251-261.
- Doc Bacon.** 2012. "Could 'Science' Guy Bill Nye's Disgusting Secret Destroy His Career?" *Hard Dawn* 28 August posting (online text at *harddawn.com* accessed 7/13/2013).
- . 2013. "Is the 'Evolution Theory' Hoax to Blame For Our Nation's Failing Schools?" *Hard Dawn* 13 June posting (online text at *harddawn.com* accessed 7/13/2013).
- Dock-Bregeon, Anne-Catherine, Rajan Sankaranarayanan, Pascale Romby, Joel Caillet, Mathias Springer, Bernard Rees, Christopher S. Francklyn, Chantal Ehresmann, & Dino Moras.** 2000. "Transfer RNA-Mediated Editing in Threonyl-tRNA Synthetase: The Class II Solution to the Double Discrimination Problem." *Cell* **103** (8 December): 877-884.
- Dodd, Diane. M. B.** 1989. "Reproductive Isolation as a Consequence of Adaptive Divergence in *Drosophila pseudoobscura*." *Evolution* **43** (September): 1308-1311.
- Dodd, Matthew S., Dominic Papineau, Tor Grenne, John F. Slack, Martin Rittner, Franco Pirajno, Jonathan O'Neil, & Crispin T. S. Little.** 2017. "Evidence for early life in Earth's oldest hydrothermal vent precipitates." *Nature* **543** (2 March): 60-64.
- Dodd, Michael D., Amanda Balzer, Carly M. Jacobs, Michael W. Gruszczynski, Kevin B. Smith, & John R. Hibbing.** 2012. "The political left rolls with the good and the political right confronts the bad: connecting physiology and cognition to preferences." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (March): 640-649.
- Dodd, Michael D., John R. Hibbing, & Kevin B. Smith.** 2011. "The Politics of Attention: Gaze cuing effects are moderated by political temperament." *Attention, Perception & Psychophysics* **73** (January): 24-29.
- Dodgen, Gil.** 2007a. "A Practical Medical Application of ID Theory (or, Darwinism as a Science-Stopper)." *Uncommon Descent* posting 19 December (online text at *www.uncommondescent.com* accessed 12/11/2007).
- . 2007b. "Why Mathematicians, Computer Scientists, and Engineers Tend to be More Skeptical of Darwinian Claims." *Uncommon Descent* posting 17 December (online text at *www.uncommondescent.com* accessed 10/13/2011).
- . 2008. "David Berlinski on Science, Scientists, and Darwinism." *Uncommon Descent* posting 5 February (online text at *www.uncommondescent.com* accessed 9/30/2010).
- . 2011a. "Evidence of Decay is Evidence of Progress?" *Uncommon Descent* posting 13 May (online text at *www.uncommondescent.com* accessed 9/7/2013).
- . 2011b. "At Some Point, the Obvious Becomes Transparently Obvious (or, Recognizing the Forrest, With all its Barbs, Through the Trees)." *Uncommon Descent* posting 5 June (online text at *www.uncommondescent.com* accessed 6/6/2011).
- . 2013. "Probabilities And Skepticism." *The Skeptical Zone* 18 February posting (online text at *theskepticalzone.com* accessed 8/3/2013).
- Dodson, Peter.** 1996. *The Horned Dinosaurs: A Natural History*. Princeton, NJ: Princeton University Press.
- . 2000. "Origin of birds: The final solution?" *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (September): 504-512.
- . 2009. "Dinosaurs in the Year of Darwin." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1240-1245.
- Dodson, Peter, A. Behrensmeyer, Robert T. Bakker, & John S. McIntosh.** 1980. "Taphonomy and paleoecology of the dinosaur beds of the Jurassic Morrison Formation." *Paleobiology* **6** (Spring): 208-232.
- Dodson-Robinson, Sarah E., & Peter Bodenheimer.** 2010. "The formation of Uranus and Neptune in solid-rich feeding zones: Connecting chemistry and dynamics." *Icarus* **207** (May): 491-498.
- Doe, John, & David Felten.** 2016. United States District Court of Arizona 7 September

- complaint filing re: *John Doe v. Heritage Academy* (online pdf via *ncse.com* accessed 9/18/2016).
- Doebeli, M.** 1996. “A quantitative genetic competition model for sympatric speciation.” *Journal of Evolutionary Biology* **9** (November): 893-909.
- Doebeli, Michael, & Ulf Dieckmann.** 2003. “Speciation along environmental gradients.” *Nature* **421** (16 January): 259-264.
- . 2004. “Adaptive Dynamics of Speciation: Spatial Structure,” in Dieckmann *et al.* (2004a, 140-167).
- Doebeli, Michael, Ulf Dieckmann, Johan A. J. Metz, & Diethard Tautz.** 2005. “What We Have Also Learned: Adaptive Speciation is Theoretically Plausible.” *Evolution* **59** (March): 691-695.
- Doebeli, Michael, & Iaroslav Ispolatov.** 2010. “Complexity and Diversity.” *Science* **328** (23 April): 494-497.
- Doebler, Stefanie A.** 2000. “The Dawn of the Protein Era: Searching for the origins of polypeptides.” *BioScience* **50** (January): 15-20.
- Doebly, John, & Lewis Lukens.** 1998. “Transcriptional Regulators and the Evolution of Plant Form.” *The Plant Cell* **10** (July): 1075-1082.
- Doerge, Claudia A., Keiichi Inoue, Toru Yamashita, David B. Rhee, Skylar Travis, Ryosuke Fujita, Paolo Guarnieri, Govind Bhagat, William B. Vanti, Alan Shih, Ross L. Levine, Sara Nik, Emily I. Chen, & Asa Abeliovich.** 2012. “Early-stage epigenetic modification during somatic cell reprogramming by Parp1 and Tet2.” *Nature* **488** (30 August): 652-655.
- Doeller, Christian F., Caswell Barry, & Neil Burgess.** 2010. “Evidence for grid cells in a human memory network.” *Nature* **463** (4 February): 657-661.
- Doellman, Meredith M., Geoffrey C. Trussell, John W. Grahame, & Steve V. Vollmer.** 2011. “Phylogeographic analysis reveals a deep lineage split within North Atlantic *Littorina saxatilis*.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 November): 3175-3183.
- Doerfel, Lili K., Ingo Wohlgemuth, Christina Kothe, Frank Peske, Henning Urlaub, & Marina V. Rodnina.** 2013. “EF-P Essential for Rapid Synthesis of Proteins Containing Consecutive Proline Residues.” *Science* **339** (4 January): 85-88.
- The Dog’s Bollocks.** 2008. “Cherry picking with Jennifer Marohasy.” *The Dog’s Bollocks* 10 July posting (online text at *slimpickens.wordpress.com* accessed 6/28/2011).
- Doherty, Colleen J., & Steve A. Kay.** 2012. “Circadian Surprise—It’s Not All About Transcription.” *Science* **338** (19 October): 338-340.
- Doherty, Earl.** 2001. *Challenging the Verdict: A Cross-Examination of Lee Strobel’s “The Case for Christ”*. Ottawa: Age of Reason Publications.
- Doherty, Paul F. Jr., Gabriele Sorci, J. Andrew Royle, James E. Hines, James D. Nichols, & Thierry Boulinier.** 2003. “Sexual selection affects local extinction and turnover in bird communities.” *Proceedings of the National Academy of Sciences* **100** (13 May): 5858-5862.
- Dohrmann, Martin, Dorte Janussen, Joachim Reitner, Allen G. Collins, & Gert Wörheide.** 2008. “Phylogeny and Evolution of Glass Sponges (Porifera, Hexactinellida).” *Systematic Biology* **57** (June): 388-405.
- Dohrmann, Martin, Christopher Kelley, Michelle Kelly, Andrzej Pisera, John N. A. Hooper, & Henry M. Reiswig.** 2017. “An integrative systematic framework helps to reconstruct skeletal evolution of glass sponges (Porifera, Hexactinellida).” *Frontiers in Zoology* (online @ *frontiersinzoology.com*) **14** (21 March): 18.
- Doi, Motomichi, Muneo Matsuda, Masatoshi Tomaru, Hiroshi Matsubayashi, & Yuzuru Oguma.** 2001. “A locus for female discrimination behavior causing sexual isolation in *Drosophila*.” *Proceedings of the National Academy of Sciences* **98** (5 June): 6714-6719.
- Doi, Nobuhide, Koichi Kakukawa, Yuko Oishi, & Hiroshi Yanagawa.** 2005. “High solubility of random-sequence proteins consisting of five kinds of primitive amino acids.” *Protein Engineering Design and Selection (AKA Protein Engineering)* **18** (June): 279-284.
- Doig, Andrew J.** 1997. “Improving the Efficiency of the Genetic Code by Varying the Codon

- Length—The Perfect Genetic Code.” *Journal of Theoretical Biology* **188** (7 October): 355-360.
- Dokholyan, Nikolay V., Boris Shakhnovich, & Eugene I. Shakhnovich.** 2002. “Expanding protein universe and its origin from the biological Big Bang.” *Proceedings of the National Academy of Sciences* **99** (29 October): 14132-14136.
- Dolan, Eric W.** 2012. “Sen. DeMint blasts ‘secular’ government, urges Creationism in schools.” *The Raw Story* 27 June posting (online text at www.rawstory.com accessed 12/6/2012).
- . 2014a. “Oklahoma’s senator-elect to use ‘biblical worldview’ to defeat the national debt.” *The Raw Story* 7 November posting (online text at www.rawstory.com accessed 11/13/2014).
- . 2014b. “Liberal scum! Conservatives freak out after Arizona biology professor pokes fun at creationism.” *The Raw Story* 16 December posting (online text at www.rawstory.com accessed 12/16/2014).
- . 2015a. “Duggar family member: ‘All science’ points to creationism being true.” *The Raw Story* 12 May posting (online text at www.rawstory.com accessed 5/12/2015).
- . 2015b. “Noam Chomsky slaps down 9/11 truther: People spend an hour on the Internet and think they know physics.” *The Raw Story* 11 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015c. “Football coach’s Christian crusade backfires hilariously as school prayers get a Satanic twist.” *The Raw Story* 28 October posting (online text at www.rawstory.com accessed 10/28/2015).
- . 2016. “This Pastafarian just schooled Georgia officials for refusing to respectvt his spaghetti-worshipping religion.” *The Raw Story* 1 January posting (online text at www.rawstory.com accessed 1/1/2016).
- Dolan, John R., David J. S. Montagnes, Sabine Agatha, D. Wayne Coats, & Diane K. Stoecker,** eds. 2013. *The Biology and Ecology of Tintinnid Ciliates: Models for Marine Plankton*. Chichester, UK: John Wiley & Sons.
- Dolan, Michael F., Hannah Melnitsky, Lynn Margulis, & Robin Kolnicki.** 2002. “Motility Proteins and the Origin of the Nucleus.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 290-301.
- Dolan, Timothy M.** 2010. “The Catholic Schools We Need.” *America Magazine* posting 13 September (online text at americamagazine.org accessed 12/2/2010).
- . 2011. “The True Meaning of Marriage.” Catholic Archdiocese of New York *The Gospel in the Digital Age* blog posting 14 June (online text at blog.archny.org accessed 6/17/2011).
- Dolezal, Pavel, Vladimir Likic, Jan Tachezy, & Trevor Lithgow.** 2006. “Evolution of the Molecular Machines for Protein Import into Mitochondria.” *Science* **313** (21 July): 314-318.
- Dolgin, Elie.** 2009. “Dutch evolutionary biologists fired.” *The Scientist* posting 28 January (online text at the-scientist.com accessed 1/28/2009).
- . 2012. “Rewriting evolution.” *Nature* **486** (28 June): 460-462.
- . 2015. “The elaborate architecture of RNA.” *Nature* **528** (23 July): 398-399.
- . 2017. “A loop of faith.” *Nature* **544** (20 April): 284-286.
- Doll, Bradley B., Kent E. Hutchison, & Michael J. Frank.** 2011. “Dopaminergic Genes Predict Individual Differences in Susceptibility to Confirmation Bias.” *The Journal of Neuroscience* **31** (20 April): 6188-6198.
- Dolnick, Edward.** 2011. *The Clockwork Universe: Isaac Newton, the Royal Society and the Birth of the Modern World*. New York: HarperCollins Publishers.
- Dolphin, Lambert.** 1997. “The Terrible Flood of Noah.” Chuck Missler *Personal Update NewsJournal* for June (online text via khouse.org accessed 6/26/2010).
- . 2002. “Concerning the Early History of Planet Earth.” Lambert Dolphin’s website posting (online text via ldolphin.org accessed 6/26/2010).
- Dolphin, Lambert, & Michael Kollen.** 1996. “On The Location of the First and Second Temples in Jerusalem.” *Temple Mount* posting (online text at templemount.org accessed 6/27/2010).

- Domagal-Goldman, Shawn D., Antígona Segura, Mark W. Claire, Tyler D. Robinson, & Victoria S. Meadows.** 2014. “Abiotic ozone and oxygen in atmospheres similar to prebiotic earth.” *The Astrophysical Journal* **792** (10 September): 90.
- Domazet-Lošo, Tomislav, & Diethard Tautz.** 2003. “An Evolutionary Analysis of Orphan Genes in *Drosophila*.” *Genome Research* **13** (October): 2213-2219.
- . 2008. “An Ancient Evolutionary Origin of Genes Associated with Human Genetic Diseases.” *Molecular Biology and Evolution* **25** (December): 2699-2707.
- . 2010a. “Phylostratigraphic tracking of cancer genes suggests a link to the emergence of multicellularity in metazoa.” *BMC Biology* (online @ biomedcentral.com) **8** (21 May): 66.
- . 2010b. “A phylogenetically based transcriptome age index mirrors ontogenic divergence patterns.” *Nature* **468** (9 December): 815-818.
- Dominey, Peter F.** 2003. “Representational limitations of the one-place predicate.” *Behavioral and Brain Sciences* **26** (3): 291-292.
- Domingo-Calap, Pilar, José M. Cuevas, & Rafael Sanjuán.** 2009. “The Fitness Effects of Random Mutations in Single-Stranded DNA and RNA Bacteriophages” *PLoS Genetics* (online @ plosgenetics.org) **5** (November): e1000742.
- Domingues, Vera.** 2017. “Public literacy in evolution.” *Nature Ecology & Evolution* (online @ www.nature.com/natecolevol) **1** (20 April): 0143.
- Dominguez, Martin H., & Pasko Rakic.** 2009. “The importance of being human.” *Nature* **462** (12 November): 169-170.
- Dominguez, Patricio, Antone G. Jacobson, & Richard P. S. Jefferies.** 2002. “Paired gill slits in a fossil with a calcite skeleton.” *Nature* **417** (20 June): 851-844.
- Dominguez-Rodrigo, Manuel, Travis Rayne Pickering, Sergio Almécija, Jason L. Heaton, Enrique Baquedano, Audax Mabulla, & David Uribe-larrea.** 2015. “Earliest modern human-like hand bone from a new >1.84-million-year-old site at Olduvai.” *Nature Communications* (online @ nature.com) **6** (18 August): 7987.
- Dominguez-Rodrigo, Manuel, Travis Rayne Pickering, & Henry T. Bunn.** 2010. “Configurational approach to identifying the earliest hominin butchers.” *Proceedings of the National Academy of Sciences* **107** (7 December): 20929-20934.
- Dominici, Nadia, Yuri P. Ivanenko, Germana Cappellini, Andrea d’Avella, Vito Mondì, Marika Cicchese, Adele Fabiano, Tiziana Silei, Ambrogio Di Paolo, Carlo Giannini, Richard E. Poppele, & Francesco Lacquaniti.** 2011. “Locomotor Primitives in Newborn Babies and Their Development.” *Science* **334** (18 November): 997-999.
- Dominici, Stefano.** 2010. “Brocchi’s Subapennine Fossil Conchology.” *Evolution: Education & Outreach* **3** (December): 585-594.
- Dominici, Stefano, & Niles Eldredge.** 2010. “Brocchi, Darwin, and Transmutation: Phylogenetics and Paleontology at the Dawn of Evolutionary Biology.” *Evolution: Education & Outreach* **3** (December): 576-584.
- Dominissini, Dan, Chuan He, & Gidi Rechayi.** 2016. “RNA Epigenetics.” *The Scientist* posting 1 January (online text at *the-scientist.com* accessed 1/4/2016).
- Dominy, Nathaniel J.** 2012. “Hominins living on the sedge.” *Proceedings of the National Academy of Sciences* **109** (11 December): 20171-20172.
- . 2015. “Ferment in the family tree.” *Proceedings of the National Academy of Sciences* **112** (13 January): 308-309.
- Dominy, Nathaniel J., Callum F. Ross, & Timothy D. Smith.** 2004. “Evolution of the Special Senses in Primates: Past, Present, and Future.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1078-1082.
- Dominy, Nathaniel J., Erin R. Vogel, Justin D. Yeakel, Paul Constantino, & Peter W. Lucas.** 2008. “Mechanical Properties of Plant Underground Storage Organs and Implications for Dietary Models of Early Hominins.” *Evolutionary Biology* **35** (September): 159-175.
- Domning, D. P.** 2001. “The earliest known fully quadrupedal sirenian.” *Nature* **413** (11 October): 625-627.
- Domning, Daryl P., & Silvia Sorbi.** 2011. “*Rytidodus heali* sp. nov., a new sirenian (Mammalia, Dugonginae), from the Miocene of Libya.” *Journal of Vertebrate Paleontology* **31**

- (November): 1338-1355.
- Domning, Daryl P., Robert J. Emry, Roger W. Portell, Stephen K. Donovan, & Kevin S. Schindler.** 1997. "Oldest West Indian land mammal: Rhinocerotoid ungulate from the Eocene of Jamaica." *Journal of Vertebrate Paleontology* **17** (5 December): 638-641.
- Domogatskaya, Anna, Sergey Rodin, & Karl Tryggvason.** 2012. "Functional Diversity of Laminins." *Annual Review of Cell and Developmental Biology* **28**: 523-543.
- Domzalski, Mae.** 2013. "The Hardy-Weinberg Equilibrium Model: Evidence for Evolution?" *Answers in Genesis* 14 August "Answers in Depth" article (online text at answersingenesis.org accessed 7/30/2017).
- Don, Emily K., Peter D. Currie, & Nicholas J. Cole.** 2013. "The evolutionary history of the development of the pelvic fin/hindlimb." *Journal of Anatomy* **222** (January): 114-133.
- Don, Katherine.** 2013. "Are Atheists The New Campus Crusaders?" *Religion Dispatches* 7 February posting (online text at religiondispatches.org accessed 2/16/2013).
- Donadini, Fabio, Lauri J. Pesonen, Kimmo Korhonen, Alex Deutsch, & Stephen S. Harlan.** 2011. "Paleomagnetism and Paleointensity of the 1.1 Ga Old Diabase Sheets from Central Arizona." *Geophysica* **47** (1-2): 3-30.
- Donahue, D. J., J. S. Olin, & G. Harbottle.** 2002. "Determination of the Radiocarbon Age of Parchment of the Vinland Map." *Radiocarbon* **44** (1): 45-52.
- Donald, Merlin.** 1991. *Origins of the Modern Mind: Three Stages in the Evolution of Culture and Cognition*. Cambridge, MA: Harvard University Press.
- Donalds, Byron.** 2017. "HB 989." Introduced Florida House legislation (online pdf at www.myfloridahouse.gov accessed 3/12/2017).
- Donaldson, D. J., H. Tervahattu, A. F. Tuck, & V. Valda.** 2004. "Organic Aerosols and the Origin of Life: An Hypothesis." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (February): 57-67.
- Donaldson, Ian J., & Berthold Göttgens.** 2006. "Evolution of candidate transcriptional regulatory motifs since the human-chimpanzee divergence." *Genome Biology* (online @ genomebiology.com) **7** (9 June): R92.
- Donaldson, Zoe R., & Larry J. Young.** 2008. "Oxytocin, Vasopressin, and the Neurogenetics of Sociality." *Science* **322** (7 November): 900-904.
- Doñate-Macián, Pau, & Alex Perálvarez-Marin.** 2014. "Dissecting Domain-Specific Evolutionary Pressure Profiles of Transient Receptor Potential Vanilloid Subfamily Members 1 to 4." *PLoS ONE* (online @ plosone.org) **9** (October): e110715.
- Donath, Fred A., & Ronald B. Parker.** 1964. "Folds and folding." *The Geological Society of America GSA Bulletin* **75** (January): 45-62.
- Donato, Gina M., & Thomas H. Kawula.** 1998. "Enhanced Binding of Altered H-NS Protein to Flagellar Rotor Protein FliG Causes Increased Flagellar Rotational Speed and Hypermotility in *Escherichia coli*." *The Journal of Biological Chemistry* **273** (11 September): 24030-24036.
- Dong, Hong-Wei, Larry W. Swanson, Lin Chen, Michael S. Fanselow, & Arthur W. Toga.** 2009. "Genomic-anatomic evidence for distinct functional domains in hippocampal field CA1." *Proceedings of the National Academy of Sciences* **106** (14 July): 11794-11799.
- Dong, Lin, Shuhai Xiao, Bing Shen, & Chuanming Zhou.** 2008. "Silicified *Horodyskia* and *Palaeopascichnus* from upper Ediacaran cherts in South China: tentative phylogenetic interpretation and implications for evolutionary stasis." *Journal of the Geological Society, London* **165** (January): 367-378.
- Dong, Shuwen, R. Oberhänsli, R. Schmid, Xiaochun Liu, Jiafu Tang, & Huaimin Xue.** 2002. "Occurrence of metastable rocks in deeply subducted continental crust from the Dabie Mountains, central China." *Episodes* **25** (June): 84-89.
- Dong, Xianchi, Minyun Zhou, Chen Zhong, Bei Yang, Ning Shen, & Jianping Ding.** 2010. "Crystal structure of *Pyrococcus horikoshii* tryptophanyl-tRNA synthetase and structure-based phylogenetic analysis suggests an archaean origin of tryptophanyl-tRNA synthetase." *Nucleic Acids Research* **38** (March #4): 1401-1412.
- Dong, Xin Luna, Evgeniy Gabrilovich, Kevin Murphy, Van Dang, Wilko Horn, Camilo**

- Lugaresi, Shaohua Sun, & Wei Zhang.** 2015. “Knowledge-Based Trust: Estimating the Trustworthiness of Web Sources.” *Computer Science arXiv.org* posting 12 February (online pdf at *arxiv.org* accessed 3/11/2015).
- Dong, Xi-Ping, Stefan Bengtson, Neil J. Gostling, John A. Cunningham, Thomas H. P. Harvey, Artem Kouchinsky, Anatoly K. Val'kov, John E. Repetski, Marco Stampanoni, Federica Marone, & Philip C. J. Donoghue.** 2010. “The Anatomy, Taphonomy, Taxonomy and Systematic Affinity of *Markuelia*: Early Cambrian to Early Ordovician Scalidophorans.” *Palaeontology* **53** (November): 1291-1314.
- Donges, Jonathan F., Reik V. Donner, Martin H. Trauth, Norbert Marwan, Hans-Joachim Schellnhuber, & Jürgen Kurths.** 2011. “Nonlinear detection of paleoclimate-variability transitions possibly related to human evolution.” *Proceedings of the National Academy of Sciences* **108** (20 December): 20422-20427.
- Donhoffer, Dieter.** 1964. “Bestimmung der halbwertszeiten der in der natur vorkommenden radioaktiven nuklide Sm^{147} und Lu^{176} mittels flüssiger szintillatoren.” *Nuclear Physics* **50** (January): 489-496.
- Donlea, Jeffrey M., Narendrakumar Ramanan, & Paul J. Shaw.** 2009. “Use-Dependent Plasticity in Clock Neurons Regulates Sleep Need in *Drosophila*.” *Science* **324** (3 April): 105-108.
- Donley, Jeanine M., Chugey A. Sepulveda, Peter Konstantinidis, Sven Gemballa, & Robert E. Shadwick.** 2004. “Convergent evolution in mechanical design of lamnid sharks and tunas.” *Nature* **429** (6 May): 61-65.
- Donnelly, Brian.** 2014. “Schools creationism ban rejected by Scottish Government.” *The Herald* (Glasgow, Scotland) 16 December posting (online text at *www.heraldscotland.com* accessed 12/28/2014).
- Donnelly, Ignatius.** 1883. *Ragnarök: The Age of Fire and Gravel*. 1971 pb ed. New York: Steiner Books.
- D’Onofrio, David J., & David L. Abel.** 2014. “Redundancy of the genetic code enables translational pausing.” *Frontiers in Genetics* (online @ frontiersin.org) **5** (20 May): 140.
- D’Onofrio, David J., & Gary An.** 2010. “A comparative approach for the investigation of biological information processing: An examination of the structure and function of computer hard drives and DNA.” *Theoretical Biology and Medical Modelling* (online @ tbiomed.com) **7** (January): 3.
- Donoghue, Colin Denny.** 2015. “Evolution is Bunk Science (No Religious Ideas Needed).” *Front-Line Thought* 2 August 2015 posting (online text at *frontlinethought.blogspot.com/* accessed 8/2/2015).
- Donoghue, Michael J.** 2005. “Key innovations, convergence, and success: macroevolutionary lessons from plant phylogeny.” *Paleobiology* **31** (June): 77-93.
- . 2011. “Bipolar biogeography.” *Proceedings of the National Academy of Sciences* **108** (19 April): 6341-6342.
- Donoghue, Michael J., & Joel Cracraft.** 2004. “Introduction: Charting the Tree of Life,” in Cracraft & Donoghue (2004, 1-4).
- Donoghue, Michael J., & Sarah Mathews.** 1998. “Duplicate Genes and the Root of Angiosperms, with an Example Using Phytochrome Sequences.” *Molecular Phylogenetics and Evolution* **9** (June): 489-500.
- Donoghue, Michael J., & Brian R. Moore.** 2003. “Toward an Integrative Historical Biogeography.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (April): 261-270.
- Donoghue, Michael J., & Richard H. Ree.** 2000. “Homoplasy and developmental constraint: A model and an example from plants.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 759-769.
- Donoghue, Philip C. J.** 2005. “Saving the stem group—a contradiction in terms?” *Paleobiology* **31** (December): 553-558.
- . 2007. “They might be giants.” *Nature* **445** (11 January): 155.
- . 2008. “Exploring the links between evolution and development,” in Benton (2008a, 127-

- 130).
- . 2009. “Origin of vertebrates,” in E. Wilson *et al.* (2009, 788-792).
- . 2017. “Evolution: Divining the Nature of the Ancestral Vertebrate.” *Current Biology* **27** (3 April): R277-R279.
- Donoghue, Philip C. J., & Jonathan B. Antcliffe.** 2010. “Origins of multicellularity.” *Nature* **466** (1 July): 41-42.
- Donoghue, Philip C. J., Stefan Bengtson, Xi-ping Dong, Neil J. Gostling, Therese Hultgren, John A. Cunningham, Chongyu Yin, Zhao Yue, Fan Peng, & Marco Stampanoni.** 2006. “Synchrotron X-ray tomographic microscopy of fossil embryos.” *Nature* **442** (10 August): 680-683.
- Donoghue, Philip C. J., & Michael J. Benton.** 2007. “Rocks and clocks: calibrating the Tree of Life using fossils and molecules.” *Trends in Ecology & Evolution* **22** (August): 424-431.
- Donoghue, Philip C. J., Peter L. Forey, & Richard J. Aldridge.** 2000. “Conodont affinity and chordate phylogeny.” *Biological Reviews of the Cambridge Philosophical Society* **75** (May): 191-251.
- Donoghue, Philip C. J., Anthony Graham, & Robert N. Kelsh.** 2008. “The origin and evolution of the neural crest.” *BioEssays* **30** (June): 530-541.
- Donoghue, Philip C. J., & Mark A. Purnell.** 1999. “Growth, function, and the conodont fossil record.” *Geology* **27** (March): 251-254.
- . 2005. “Genome duplication, extinction and vertebrate evolution.” *Trends in Ecology & Evolution* **20** (June): 312-319.
- . 2009a. “Distinguishing heat from light in debate over controversial fossils.” *BioEssays* **31** (February): 178-189.
- . 2009b. “The Evolutionary Emergence of Vertebrates From Among Their Spineless Relatives.” *Evolution: Education & Outreach* **2** (June): 204-212.
- Donoghue, Philip C. J., Mark A. Purnell, & Richard J. Aldridge.** 1998. “Conodont anatomy, chordate phylogeny and vertebrate classification.” *Lethaia* **31** (September): 211-219.
- Donoghue, Philip C. J., Mark A. Purnell, Richard J. Aldridge, & Shunxin Zhang.** 2008. “The Interrelationships of ‘Complex’ Conodonts (Vertebrata).” *Journal of Systematic Palaeontology* **6** (June): 119-153.
- Donoghue, Philip C. J., & Ivan J. Sansom.** 2002. “Origin and Early Evolution of Vertebrate Skeletonization.” *Microscopy Research and Technique* **59** (): 352-372.
- Donoghue, Philip Conrad James, Ivan James Sansom, & Jason Philip Downs.** 2006. “Early Evolution of Vertebrate Skeletal Tissues and Cellular Interactions, and the Canalization of Skeletal Development.” *Journal of Experimental Zoology* **306B** (15 May): 278-294.
- Donoghue, Philip C. J., & M. Paul Smith,** eds. 2003. *Telling the Evolutionary Time: Molecular Clocks and the Fossil Record*. London: Taylor & Francis.
- Donohue, Bill.** 2007. “Golden Compass: Agenda Unmasked.” *Catholic League* posting 22 October (online text at catholicleague.org accessed 4/27/2013).
- . 2012. “Atheist Rally Draws Haters.” *Catholic League* posting 26 March (online text at catholicleague.org accessed 2/27/2013).
- . 2013. “Quinnipiac Pollsters Mised the Public.” *Catholic League* posting 11 March (online text at catholicleague.org accessed 3/13/2013).
- Donoso, Maël, Anne G. Collins, & Etienne Koechlin.** 2014. “Foundations of human reasoning in the prefrontal cortex.” *Science* **344** (27 June): 1481-1486.
- Donoughe, Seth, Taro Nakamura, Ben Ewen-Campen, Delbert A. Green II, Lory Henderson, & Cassandra G. Extavour.** 2014. “BMP signaling is required for the generation of primordial germ cells in an insect.” *Proceedings of the National Academy of Sciences* **111** (18 March): 4133-4138.
- Donovan, Daniel J., & Robert C. Pedersen.** 2005. “Human tail with noncontiguous intraspinal lipoma and spinal cord tethering: case report and embryologic discussion.” *Pediatric Neurosurgery* **41** (January-February): 35-40.
- Donovan, Jesse, Matthew Dufner, & Alexei Korennykh.** 2013. “Structural basis for cytosolic double-stranded RNA surveillance by human oligoadenylate synthetase 1.” *Proceedings of*

- the National Academy of Sciences* **110** (29 January): 1652-1657.
- Donovan, Stephen K.** 1987. "The fit of the continents in the late Precambrian." *Nature* **327** (14 May): 139-141.
- , ed. 1990. *The Processes of Fossilization*. New York: Columbia University Press.
- Donovan, Stephen K., Daryl P. Domning, Frank A. Garcia, & Harold L. Dixon.** 1990. "A bone bed in the Eocene of Jamaica." *Journal of Paleontology* **64** (July): 660-662.
- Donovan, Stephen K., & Christopher R. C. Paul,** eds. 1998. *The Adequacy of the Fossil Record*. New York: Wiley.
- Donovan, Stephen K., & Ron K. Pickerill.** 2004. "Traces of cassid snails predation upon the echinoids from the Middle Miocene of Poland: Comments on Ceranka and Zlotnik (2003)." *Acta Palaeontologica Polonica* **49** (3): 483-484.
- Doolan, Robert.** 1992. "Sharks and rays: fish with no ancestors." *Answers in Genesis Creation* **14** (June): 50-51.
- . 1996. "Evolution? It doesn't add up!" Interview with Werner Gitt, *Answers in Genesis Creation* **18** (March): 41-43.
- Dooley, Alton.** 2011a. "The whales of Chuckatuck, Part 1." Virginia Museum of Natural History *Updates from the Paleontology Lab* 24 March posting (online text at vmnhpaleontology.wordpress.com accessed 1/1/2013).
- . 2011b. "The whales of Chuckatuck, Part 2." Virginia Museum of Natural History *Updates from the Paleontology Lab* 28 March posting (online text at vmnhpaleontology.wordpress.com accessed 1/1/2013).
- . 2011c. "Wyoming Day 9—Red Gulch." Virginia Museum of Natural History *Updates from the Paleontology Lab* 19 June posting (online text at vmnhpaleontology.wordpress.com accessed 10/13/2014).
- Doolittle, Amy.** 2006. "Survival of the moralist." *The Washington Times* posting 22 March: online text accessed 2/23/2011 (www.washingtontimes.com).
- Doolittle, Emily L., Bruno Gingras, Dominik M. Endres, & W. Tecumseh Fitch.** 2014. "Overtone-based pitch selection in hermit thrush song: Unexpected convergence with scale construction in human music." *Proceedings of the National Academy of Sciences* **111** (18 November): 16616-16621.
- Doolittle, Russell F.** 1993. "The evolution of vertebrate blood coagulation: a case of Yin and Yang." *Thrombosis and Haemostasis* **70** (1 July): 24-28.
- . 1995. "The origins and evolution of eukaryotic proteins." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **349** (29 September): 235-240.
- . 1997. "A Delicate Balance." *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- . 1998. "Microbial genes opened up." *Nature* **392** (26 March): 339-342.
- . 2009. "Step-by-Step Evolution of Vertebrate Blood Coagulation." *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 35-40.
- . 2010a. "The step-by-step evolution of vertebrate blood coagulation." California State University at Fresno 29 January lecture (online text at zimmer.csufresno.edu accessed 7/19/2011).
- . 2010b. "The Roots of Bioinformatics in Protein Evolution." *PLoS Computational Biology* (online @ ploscompbiol.org) **6** (July): e10000875.
- . 2010c. "Coagulation Systems of Invertebrates and Vertebrates and Their Roles in Innate Immunity: The Same Side of Two Coins?" *Journal of Innate Immunity* **3** (December): 34-40.
- . 2011. "Coagulation in Vertebrates with a Focus on Evolution and Inflammation." *Journal of Innate Immunity* **3** (December): 9-16.
- . 2012. "The Protochordate *Ciona intestinalis* Has a Protein Like Full-length Vertebrate Fibrinogen." *Journal of Innate Immunity* **4** (February): 219-222.
- Doolittle, Russell F., Da-Fei Feng, & Glen Cho.** 1999. "Determining Divergence Times With Protein Clocks." *The Biological Bulletin* **196** (June): 356-358.
- Doolittle, R. F., S. Hong, & D. Wilcox.** 2009. "Evolution of the fibrinogen γ' chain: implications

- for the binding of factor XIII, thrombin and platelets.” *Journal of Thrombosis and Haemostasis* **7** (August): 1431-1433.
- Doolittle, Russell F., Yong Jiang, & Justin Nand.** 2008. “Genomic Evidence for a Simpler Clotting Scheme in Jawless Vertebrates.” *Journal of Molecular Evolution* **66** (February): 185-196.
- Doolittle, W. Ford.** 1996. “At the core of the Archaea.” *Proceedings of the National Academy of Sciences* **93** (20 August): 8797-8799.
- . 1998. “A paradigm gets shifty.” *Nature* **392** (5 March): 15-16.
- . 1999a. “Rethinking the Origin of Eukaryotes.” *The Biological Bulletin* **196** (June): 378-380.
- . 1999b. “Phylogenetic Classification and the Universal Tree of Life.” *Science* **284** (25 June): 2124-2128.
- . 2000a. “Uprooting the Tree of Life.” *Scientific American* **282** (February): 90-95.
- . 2000b. “The nature of the universal ancestor and the evolution of the proteome.” *Current Opinion in Structural Biology* **10** (June): 355-358.
- . 2004. “Bacteria and Archaea,” in Cracraft & Donoghue (2004, 86-94).
- . 2009. “The practice of classification and the theory of evolution, and what the demise of Charles Darwin’s tree of life hypothesis means for both of them.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2221-2228.
- . 2012. “A ratchet for protein complexity.” *Nature* **481** (19 January): 270-271.
- . 2013. “Is junk DNA bunk? A critique of ENCODE.” *Proceedings of the National Academy of Sciences* **110** (2 April): 5294-5300.
- . 2014. “The trouble with (group II) introns.” *Proceedings of the National Academy of Sciences* **111** (6 May): 6536-6537.
- Doolittle, W. Ford, & Eric Baptiste.** 2007. “Pattern pluralism and the Tree of Life hypothesis.” *Proceedings of the National Academy of Sciences* **104** (13 February): 2043-2049.
- Doolittle, W. Ford, & James R. Brown.** 1994. “Tempo, mode, the progenote, and the universal root.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6721-6728.
- Doolittle, W. Ford, & Olga Zhaxybayeva.** 2007. “Evolution: Reducible Complexity—The Case for Bacterial Flagella.” *Current Biology* **17** (3 July): R510-R512.
- . 2009. “On the origin of prokaryotic species.” *Genome Research* **19** (May): 744-756.
- Doppelganger.** 2007. “Casey Luskin and the junk DNA conspiracy.” *All-Too-Common Dissent* 25 July posting (online text at all-too-common-dissent.blogspot.com accessed 7/9/2008).
- Dorale, Jeffrey A., Bogdan P. Onac, Joan J. Fornós, Joaquin Ginés, Angel Ginés, Paola Tuccimei, & David W. Peate.** 2010. “Sea-Level Highstand 81,000 Years Ago in Mallorca.” *Science* **327** (12 February): 860-863.
- Doran, Jeffrey B.** 1980. “A new species of *Psilophyton* from the Lower Devonian of northern New Brunswick, Canada.” *Canadian Journal of Botany* **58** (November): 2241-2262.
- Doran, N. A., & N. E. Doran.** 2012. “Adam: From Morphometrics to Music.” Abstract of *Creation Biology Society Annual Conference* paper. *Creation Biology Society Journal of Creation Theology and Science Series B: Life Sciences* **2**: 1-2.
- Doran, N. A., & S. S. McRoberts.** 2012. “Adam’s Paradise Lost.” *Creation Biology Society Journal of Creation Theology and Science Series B: Life Sciences* **2**: 39-42.
- D’Orazio, Massimo, Samuele Agostini, Francisco Mazzarini, Fabrizio Innocenti, Piero Manetti, Miguel J. Haller, & Alfredo Lahsen.** 2000. “The Pali-Aike Volcanic Field, Patagonia: slab-window magmatism near the tip of South America.” *Tectonophysics* **321** (30 June): 407-427.
- Dore, John E., Roger Lukas, Daniel W. Sadler, Matthew J. Church, & David M. Karl.** 2009. “Physical and biogeochemical modulation of ocean acidification in the central North Pacific.” *Proceedings of the National Academy of Sciences* **106** (28 July): 12235-12240.
- Doria, Valentina, Christian F. Beckmann, Tomoki Arichi, Nazakat Merchant, Michela Gropo, Federico E. Turkheimer, Serena J. Counsell, Maria Murgasova, Paul Aljabar, Rita G. Nunes, David J. Larkman, Geraint Rees, & A. David Edwards.** 2010.

- “Emergence of resting state networks in the preterm human brain.” *Proceedings of the National Academy of Sciences* **107** (16 November): 20015-20020.
- Döring, Volker, Henning D. Mootz, Leslie A. Nangle, Tamara L. Hendrickson, Valérie de Crécy-Lagard, Paul Schimmel, & Philippe Marlière.** 2001. “Enlarging the Amino Acid Set of *Escherichia coli* by Infiltration of the Valine Coding Pathway.” *Science* **292** (20 April): 501-504.
- Dorit, Robert.** 2007. “Biological Complexity,” in Petto & Godfrey (2007, 231-249).
- Dorit, Roger.** 1997. “Molecular Evolution and Scientific Inquiry, Misconceived.” *American Scientist* **85** (September-October): 474-475.
- Dorn, Ronald I.** 2009. “The Rock Varnish Revolution: New Insights from Microlaminations and the Contributions of Tanzhuo Liu.” *Geography Compass* **85** (September): 1804-1823.
- Dorn, Ronald I., & David Krinsley.** 2011. “Spatial, temporal and geographic considerations of the problem of rock varnish diagenesis.” *Geomorphology* **130** (1 July): 91-99.
- Dorn, Ronald I., David H. Krinsley, Kurt A. Langworthy, Jeffrey Ditto, & Tyler J. Thompson.** 2013. “The influence of mineral detritus on rock varnish formation.” *Aeolian Research* **10** (September): 61-76.
- Dornbos, Stephen Q., & David J. Bottjer.** 2000. “Evolutionary paleoecology of the earliest echinoderms: Helicoplacoids and the Cambrian substrate revolution.” *Geology* **28** (September): 839-842.
- Dornbos, Stephen Q., Tatsuo Oji, Akihiro Kanayama, & Sersmaa Gonchigdorj.** 2016. “A new Burgess Shale-type deposit from the Ediacaran of western Mongolia.” *Scientific Reports* (online @ www.nature.com/srep/) **6** (18 March): 23438.
- Dornburg, Alex, Matthew C. Brandley, Michael R. McGowen, & Thomas J. Near.** 2012. “Relaxed Clocks and Inferences of Heterogeneous Patterns of Nucleotide Substitution and Divergence Time Estimates across Whales and Dolphins (Mammalia: Cetacea).” *Molecular Biology and Evolution* **29** (February): 721-736.
- Dörner, Marion, Markus Altmann, Svante Pääbo, & Mario Mörl.** 2001. “Evidence for Import of a Lysyl-tRNA into Marsupial Mitochondria.” *Molecular Biology of the Cell* **12** (September): 2688-2698.
- Dorner, Meredith.** 2015. “The More Things Evolve, the More They Stay the Same? A Brief Comparison of Evolution Coverage in Selected Mainstream and Christian Biology Textbooks.” *Reports of the National Center for Science Education* **35** (November-December): 1.1-1.8.
- Dorner, Meredith A., & Eugenie C. Scott.** 2016. “An exploration of instructor perceptions of community college students’ attitudes towards evolution.” *Evolution: Education & Outreach* **9** (April): 4.
- Doron, Karl W., Danielle S. Bassett, & Michael S. Gazzaniga.** 2012. “Dynamic network structure of interhemispheric coordination.” *Proceedings of the National Academy of Sciences* **109** (13 November): 18661-18668.
- Doronina, Liliya, Andreas Matzke, Gennady Churakov, Monika Stoll, Andreas Hüge, & Jürgen Schmitz.** 2017. “The Beaver’s Phylogenetic Lineage Illuminated by Retroposon Reads.” *Scientific Reports* (online @ www.nature.com/srep/) **7** (3 March): 43562.
- Dorrell, Richard G., & Christopher J. Howe.** 2012a. “What makes a chloroplast? Reconstructing the establishment of photosynthetic symbioses.” *Journal of Cell Science* **125** (15 April): 1865-1875.
- . 2012b. “Functional remodeling of RNA processing in replacement chloroplasts by pathways retained from their predecessors.” *Proceedings of the National Academy of Sciences* **109** (13 November): 18879-18884.
- . 2015. “Integration of plastids with their hosts: Lessons learned from dinoflagellates.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10247-10254.
- Dorrell, Richard G., & Alison G. Smith.** 2011. “Do Red and Green Make Brown? Perspectives on Plastid Acquisitions with Chromalveolates.” *Eukaryotic Cell* **10** (July): 856-868.
- Dorrington, Graham E.** 2012. “On flying insect size and Phanerozoic atmospheric oxygen.” *Proceedings of the National Academy of Sciences* **109** (11 December): E3393.

- Dorris, M., P. De Ley, & M. L. Blaxter.** 1999. "Molecular Analysis of Nematode Diversity and the Evolution of Parasitism." *Parasitology Today* **15** (May): 188-193.
- Dorsey, Rebecca.** 2012. "Earliest delivery of sediment from the Colorado River to the Salton Trough at 5.3 Ma: evidence from Split Mountain Gorge." California State University Desert Studies Center 2012 *Desert Symposium* ("Searching for the Pliocene: Southern Exposures," ed. Robert E. Reynolds): 88-93.
- Dorsey, Rebecca J., Amy Fluette, Kristin McDougall, Bernard A. Housen, Susanne U. Janecke, Gary J. Axen, & Catherine R. Shirvell.** 2007. "Chronology of Miocene-Pliocene deposits at Split Mountain Gorge, Southern California: A record of regional tectonics and Colorado River evolution." *Geology* **35** (January): 57-60.
- Dorus, Steve, Sandra L. Gilbert, Michele L. Forster, Robert J. Barndt, & Bruce T. Lahn.** 2003. "The *CDY*-related gene family: coordinated evolution in copy number, expression profile and protein sequence." *Human Molecular Genetics* **12** (15 July): 1643-1650.
- Dorus, Steve, Eric J. Vallender, Patrick D. Evans, Jeffrey R. Anderson, Sandra L. Gilbert, Michael Mahowald, Gerald J. Wyckoff, Christine M. Malcom, & Bruce T. Lahn.** 2004. "Accelerated Evolution of Nervous System Genes in the Origin of *Homo sapiens*." *Cell* **119** (29 December): 1027-1040.
- Dosenbach, Nico U. F., Damien A. Fair, Francis M. Miezin, Alexander L. Cohen, Kristin K. Wenger, Ronny A. T. Dosenbach, Michael D. Fox, Abraham Z. Snyder, Justin L. Vincent, Marcus E. Raichle, Bradley L. Schlaggar, & Steven E. Petersen.** 2007. "Distinct brain networks for adaptive and stable task control in humans." *Proceedings of the National Academy of Sciences* **104** (26 June): 11073-11078.
- Dos Reis, Mario, Philip C. J. Donoghue, & Ziheng Yang.** 2014. "Neither phylogenomic nor palaeontological data support a Palaeogene origin of placental mammals." *Royal Society Biology Letters* **10** (January): 20131003.
- Dos Reis, Mario, Jun Inoue, Masami Hasegawa, Robert J. Asher, Philip C. J. Donoghue, & Ziheng Yang.** 2012. "Phylogenomic datasets provide both precision and accuracy in estimating the timescale of placental mammal phylogeny." *Proceedings of the Royal Society of London B (Biological Sciences)* **279** (7 September): 3491-3500.
- Dos Reis, Mario, Yuttapong Thawornwattana, Konstantinos Angelis, Maximilian J. Telford, & Philip C. J. Donoghue.** 2015. "Uncertainty in the Timing of Origin of Animals and the Limits of Precision in Molecular Timescales." *Current Biology* **25** (16 November): 2939-2950.
- Dötsch, V., F. Bernassola, D. Coutandin, E. Candi, & G. Melino.** 2010. "p63 and p73, the Ancestors of p53." *Cold Spring Harbor Perspectives in Biology* **2** (September): a004887.
- Douady, S., & Y. Couder.** 1996a. "Phyllotaxis as a Dynamical Self Organizing Process Part I: The Spiral Modes Resulting from Time-Periodic Iterations." *Journal of Theoretical Biology* **360** (7 February): 255-273.
- . 1996b. "Phyllotaxis as a Dynamical Self Organizing Process Part II: The Spontaneous Formation of a Periodicity and the Coexistence of Spiral and Whorled Patterns." *Journal of Theoretical Biology* **360** (7 February): 275-294.
- . 1996c. "Phyllotaxis as a Dynamical Self Organizing Process Part III: The Simulation of the Transient Regimes of Ontogeny." *Journal of Theoretical Biology* **360** (7 February): 295-312.
- Doubtful News.** 2014. "Foerster, Pye and Ketchum collaborate: Paracas elongated skull exposed! (UPDATE)." *Doubtful News* 9 February updated posting (online text at doubtfulnews.com accessed 8/27/2015).
- Doubting Stephen.** 2013. "Skeptic's version of the Bible by Moscow author questions how god the Good Book really is." *Inland360.com* undated posting (online text at inland360.com accessed 8/17/2013).
- Doudna, Jennifer A., & Thomas R. Cech.** 2002. "The chemical repertoire of natural ribozymes." *Nature* **418** (11 July): 222-228.
- Dougall, Danielle.** 2016. "Meet the historian and civil war 'trutHER' responsible for helping Trump win the Florida primary." *The Raw Story* 13 August *History News Network* posting

- (online text at www.rawstory.com accessed 8/13/2016).
- Dougan, Lorna, Jingyuan Li, Carmen L. Badilla, B. J. Berne, & Julio M. Fernandez.** 2009. "Single homopolypeptide chains collapse into mechanically rigid conformations." *Proceedings of the National Academy of Sciences* **106** (4 August): 12605-12610.
- Dougherty, Jon E.** 2000. "Kansans say 'yes' to creationism: Majority says theory should be taught alongside Darwinism." *WorldNetDaily* (2 August): online text accessed 1/24/2014 (wnd.com).
- . 2001. "What do evolutionists fear about creationism?" *WorldNetDaily* (9 August): online text accessed 1/24/2014 (wnd.com).
- Doughton, Sandi.** 2009. "Few lining up to see famous fossil at Pacific Science Center." *The Seattle Times* posting 22 January: online text accessed 2/9/2009 (seattletimes.nwsourc.com).
- Doughty, Christopher E., Joe Roman, Søren Faurby, Adam Wolf, Alifa Haque, Elisabeth S. Bakker, Yadvinder Malhi, John N. Dunning Jr., & Jens-Christian Svenning.** 2016. "Global nutrient transport in a world of giants." *Proceedings of the National Academy of Sciences* **113** (26 January): 868-873.
- Douglas, Christopher.** 2017. "The Religious Origins Of Fake News And 'Alternative Facts'." *Religion Dispatches* 23 February posting (online text at religiondispatches.org accessed 2/28/2017).
- Douglas, Gavin M., Gesseca Gos, Kim A. Steige, Adriana Salcedo, Karl Holm, Emily B. Josephs, Ramesh Arunkumar, Arvid Ågren, Khaled M. Hazzouri, Wei Wang, Adrian E. Platts, Robert J. Williamson, Barbara Neuffer, Martin Lascoux, Tanja Slotte, & Stephen I. Wright.** 2015. "Hybrid origins and the earliest stages of diploidization in the highly successful recent polyploid *Capsella bursa-pastoris*." *Proceedings of the National Academy of Sciences* **112** (3 March): 2806-2811.
- Douglas, Kate.** 2012a. "Why did we become bipedal?" *New Scientist* (26 March): online text accessed 5/23/2012 (newscientist.com).
- . 2012b. "Why was technological development so slow?" *New Scientist* (26 March): online text accessed 5/23/2012 (newscientist.com).
- . 2012c. "Why did we lose our fur?" *New Scientist* (26 March): online text accessed 5/23/2012 (newscientist.com).
- . 2012d. "Why did we go global?" *New Scientist* (26 March): online text accessed 5/23/2012 (newscientist.com).
- Douglas, Peter M. J., Mark Pagani, Marcello A. Canuto, Mark Brenner, David A. Hodell, Timothy I. Eglinton, & Jason H. Curtis.** 2015. "Drought, agricultural adaptation, and sociopolitical collapse in the Maya Lowlands." *Proceedings of the National Academy of Sciences* **112** (5 May): 5607-5612.
- Douglas, Susan E.** 1999. "Evolutionary History of Plastids." *The Biological Bulletin* **196** (June): 397-399.
- Douglas, Susan E., Colleen A. Murphy, David F. Spencer, & Michael W. Gray.** 1991. "Cryptomonad algae are evolutionary chimaeras of two phylogenetically distinct unicellular eukaryotes." *Nature* **350** (14 March): 148-151.
- Douglas, Susan, Stefan Zauner, Martin Fraunholz, Margaret Beaton, Susanne Penny, Lang-Tuo Deng, Xiaonan Wu, Michael Reith, Thomas Cavalier-Smith, & Uwe-G Maier.** 2001. "The highly reduced genome of an enslaved algal nucleus." *Nature* **410** (26 April): 1091-1096.
- Douglass, David H., John R. Christy, Benjamin D. Pearson, & S. Fred Singer.** 2008. "A comparison of tropical temperature trends with model predictions." *International Journal of Climatology* **28** (15 November): 1693-1701.
- Douglass, D. H., & R. S. Knox.** 2012a. "Ocean heat content and Earth's radiation imbalance. II. Relation to climate shifts." *Physics Letters A* **376** (5 March): 1226-1229.
- . 2012b. "Reply to 'Comment on: "Ocean heat content and Earth's radiation imbalance. II. Relation to climate shifts" by Nuccitelli et al.'" *Physics Letters A* **376** (1 November): 3673-3675.

- Douglass, John, Norman Meek, Ronald I. Dorn, & Mark W. Schmeekle.** 2009. "A criteria-based methodology for determining the mechanism of transverse drainage development, with application to the southwestern United States." *The Geological Society of America GSA Bulletin* **121** (March/April): 586-598.
- Douglass, John, & Mark Schmeekle.** 2007. "Analogue modeling of transverse drainage mechanisms." *Geomorphology* **84** (15 February): 22-43.
- Douglass, Susan.** 2003. *Response to the American Textbook Council Report "Islam and the Textbooks."* Fountain Valley, CA: Council on Islamic Education.
- Douka, Katerina, Thomas F. G. Higham, & Christopher A. Bergman.** 2015. "Statistical and archaeological errors invalidate the proposed chronology for the site of Ksar Akil." *Proceedings of the National Academy of Sciences* **112** (22 December): E7034.
- Douthat, Ross.** 2013. "The Scientism of Steven Pinker." *Evaluations* 7 August blog posting (online text at douthat.blogs.nytimes.com accessed 10/13/2013).
- . 2016. "Germany on the Brink." *The New York Times* editorial posting 9 January: online text accessed 1/13/2016 (www.nytimes.com).
- The Dove.* 2013. "The Bible – Miniseries Review." *The Dove Foundation* March posting (online text at www.dove.org accessed 3/9/2013).
- Dove, Carla J., & Lorian C. Straker.** 2012. "Comment on 'A Diverse Assemblage of Late Cretaceous Dinosaur and Bird Feathers from Canadian Amber'." *Science* **335** (17 February): 796.
- Dove, Hilary, & Angelika Stollewerk.** 2003. "Comparative analysis of neurogenesis in the myriapod *Glomeris marginata* (Diplopoda) suggests more similarities to chelicerates than to insects." *Development (AKA Journal of Embryology and Experimental Morphology)* **130** (15 May): 2161-2171.
- Dovidio, John F.** 2009. "Racial Bias, Unspoken But Heard." *Science* **326** (18 December): 1641-1642.
- Dow, Kirstin, & Thomas E. Downing.** 2011. *The Atlas of Climate Change: Mapping the World's Greatest Challenge.* Berkeley, CA: University of California Press.
- Dowell, Robin D., Owen Ryan, An Jansen, Doris Cheung, Sudeep Agarwala, Timothy Danford, Douglas A. Bernstein, P. Alexander Rolfe, Lawrence E. Heisler, Brian Chin, Corey Nislow, Guri Giaever, Patrick C. Phillips, Gerald R. Fink, David K. Gifford, & Charles Boone.** 2010. "Genotype to Phenotype: A Complex Problem." *Science* **328** (23 April): 469.
- Downen, Robert H., Mattia Pelizzola, Robert J. Schmitz, Ryan Lister, Jill M. Downen, Joseph R. Nery, Jack E. Dixon, & Joseph R. Ecker.** 2012. "Widespread dynamic DNA methylation in response to biotic stress." *Proceedings of the National Academy of Sciences* **109** (7 August): E2183-E2191.
- Do-While Jones.** 2000. "Radioactive Dating Explained—Part 2." *Science Against Evolution* posting August (online text at www.scienceagainstevolution.org accessed 5/6/2011).
- . 2004. "Was *National Geographic* WRONG?" *Science Against Evolution* posting November (online text at www.ridgenet.net/~do_while/sage accessed 6/13/2014).
- . 2006a. "The Carbon 14 Myth." *Science Against Evolution* posting July (online text at www.scienceagainstevolution.org accessed 10/22/2008).
- . 2006b. "It's About Time." *Science Against Evolution* posting July (online text at www.scienceagainstevolution.org accessed 10/22/2008).
- . 2007. "Birds of a Feather." *Science Against Evolution* posting May (online text at www.scienceagainstevolution.org accessed 5/30/2012).
- . 2008. "Postmodern Evolution." *Science Against Evolution Disclosure of things evolutionists don't want you to know* (October) posting (online pdf at www.scienceagainstevolution.org accessed 10/27/2014).
- . 2009. "Biogeography." *Science Against Evolution* posting September (online text at www.ridgenet.net/~do_while/sage accessed 1/6/2011).
- . 2010. "Bioluminescence." *Science Against Evolution* posting September (online text at www.scienceagainstevolution.info accessed 2/8/2015).

- . 2014. “Radiometric Dating.” *Science Against Evolution* posting October (online text at www.scienceagainstevolution.info accessed 6/6/2015).
- . 2015. “Dino-chickens.” *Science Against Evolution* posting June (online text at www.scienceagainstevolution.info accessed 8/10/2015).
- Dowler, Michael J., William D. Fuller, Leslie E. Orgel, & Robert A. Sanchez.** 1970. “Prebiotic Synthesis of Propionaldehyde and Nicotinamide.” *Science* **169** (25 September): 1320-1321.
- Dowler, Robert C.** 1989. “Cytogenetic Studies of Three Chromosomal Races of Pocket Gophers (*Geomys bursarius* Complex) at Hybrid Zones.” *Journal of Mammalogy* **70** (May): 253-266.
- Down, David.** 1994. “Why the electric battery was forgotten.” *Answers in Genesis Creation* **16** (March): 10-13.
- . 2001. “Searching for Moses.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **15** (1): 53-57.
- . 2004. “The Pyramids of Ancient Egypt.” *Answers in Genesis* article for 1 September (online text at www.answersingenesis.org accessed 12/2/2013).
- . 2010. “Is Hatshepsut the biblical Queen of Sheba?” Letter with reply by Patrick Clarke. *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **24** (3): 39-41.
- Downard, James.** 1971. “An Astronomical Basis for Catastrophic Evolution.” *Eastern Washington State College Organon* **2** (Spring): 13-27.
- . 2003a. “A Tale of Two Citations.” *Talk Reason* posting 30 June (online text at talkreason.org accessed 1/10/2010).
- . 2003b. “Three Macroevolutionary Episodes.” *Troubles in Paradise* posting (online pdf at www.tortucan.wordpress.com/ accessed 1/7/2015).
- . 2004. “Troubles in Paradise.” *Troubles in Paradise* posting (online pdf at www.tortucan.wordpress.com/ accessed 1/7/2015).
- . 2006a. “Secondary Addiction: Ann Coulter on Evolution.” *Talk Reason* posting 29 June (online text at talkreason.org accessed 1/10/2010).
- . 2006b. “Secondary Addiction Part II: Ann Coulter on Evolution.” *Talk Reason* posting 9 July (online text at talkreason.org accessed 1/10/2010).
- . 2006c. “The DEMBSKI ALERT.” *Talk Reason* posting 23 July (online text at talkreason.org accessed 1/10/2010).
- . 2006d. “Secondary Addiction Part III: Ann Coulter on Evolution.” *Talk Reason* posting 25 July (online text at talkreason.org accessed 1/10/2010).
- . 2010. “An Ill Wind in Tortuca.” Text of an address to the Tri-City Freethinkers Society, Kennewick, WA, posted at *Panda’s Thumb* by Richard B. Hoppe on 6 January (online text at pandasthumb.org accessed 1/6/2010).
- . 2013a. “The Intelligent Design Controversy.” *Troubles in Paradise* posting of 17 January 2013 Portland State University lecture (online pdf at www.tortucan.wordpress.com/ accessed 1/7/2015).
- . 2013b. “Why public schools should teach the Bible.” *Spokane Faith & Values* 8 April posting (online text at spokanefav.com accessed 4/13/2013).
- . 2013c. “Samson and other delinquencies in ‘The Bible.’” *Spokane Faith & Values* 12 April posting (online text at spokanefav.com accessed 4/21/2013).
- . 2013d. “When God pus his thumb on the scale.” *Spokane Faith & Values* 28 April posting (online text at spokanefav.com accessed 4/29/2013).
- . 2013e. “Out with the Old (Testament) and in with the New (Testament).” *Spokane Faith & Values* 13 June posting (online text at spokanefav.com accessed 6/13/2013).
- . 2013f. “Jimmy in the lions den, or: a merry weekend of intelligent design lectures.” *Spokane Faith & Values* 2 July posting (online text at spokanefav.com accessed 7/27/2013).
- . 2013g. “Jimmy in the lions den, or: a merry weekend of intelligent design lectures, part 2.” *Spokane Faith & Values* 5 July posting (online text at spokanefav.com accessed 7/27/2013).

- . 2013h. “Musings on Chaco Canyon.” *Spokane Faith & Values* 20 August posting (online text at *spokanefav.com* accessed 9/10/2013).
- . 2013i. “John Crossan’s ‘Appalling’ Gonzaga Appearance.” *Spokane Faith & Values* 10 October posting (online text at *spokanefav.com* accessed 10/12/2013).
- . 2013j. “Trawling for common cause with people of faith on secular values and issues.” *Spokane Faith & Values* 23 December posting (online text at *spokanefav.com* accessed 12/23/2013).
- . 2014a. “A tale of two Rose Parades.” *Spokane Faith & Values* 31 January posting (online text at *spokanefav.com* accessed 1/31/2014).
- . 2014b. “Freedom of conscience far from global.” *Spokane Faith & Values* 3 January posting (online text at *spokanefav.com* accessed 1/3/2014).
- . 2014c. “NOMA: The religion and science debate.” *Spokane Faith & Values* 8 June posting (online text at *spokanefav.com* accessed 6/8/2014).
- . 2014d. “NOMA: The religion and science debate, part 2.” *Spokane Faith & Values* 9 June posting (online text at *spokanefav.com* accessed 6/9/2014).
- . 2014e. “NOMA: The religion and science debate, part 3.” *Spokane Faith & Values* 10 June posting (online text at *spokanefav.com* accessed 6/10/2014).
- . 2014f. “Taking ‘Teach the Controversy’ Critical Analysis Seriously.” *Troubles in Paradise* posting (online pdf at *www.tortucan.wordpress.com/* accessed 1/7/2015).
- . 2014g. “A Global Secular Bill of Rights.” *Troubles in Paradise* posting (online pdf at *www.tortucan.wordpress.com/* accessed 1/7/2015).
- Downard, James, & Patrick Garry.** 2014. “Wrestling with God: ‘Greece v. Galloway’ and the Court’s Tortured Treatment of Religion.” Seattle University School of Law Federalist Society *Federalist Society Panel* 22 April debate (VIDEO) posting (online file at *www.law.seattleu.edu* accessed 5/5/2014).
- Downes, Stephen M.** 2010. “Moving past the levels of selection debates.” *Biology and Philosophy* **25** (June): 417-423.
- Downey, Maureen.** 2014. “Evolution vs. creationism: Does this cartoon belong in Grady High School biology class?” *Atlanta Journal-Constitution* posting 3 July: online text accessed 7/5/2014 (*ajc.com*).
- Downey, Roger.** 2000. *Riddle of the Bones: Politics, Science, Race, and the Story of Kennewick Man*. New York: Copernicus.
- . 2001. “Darwin hits back.” *Seattle Weekly News* posting 14 June: online text accessed 3/14/2002 (*www.seattleweekly.com*).
- . 2002. “Not the whole truth.” *Seattle Weekly News* posting 15 May: online text accessed 11/6/2010 (*www.seattleweekly.com*).
- . 2006. “Discovery’s Creation.” *Seattle Weekly News* posting 1 February: online text accessed 1/19/2013 (*www.seattleweekly.com*).
- Downey, Roma, & Mark Burnett.** 2013. “Why Public Schools Should Teach the Bible.” *The Wall Street Journal* posting 1 March: online text accessed 3/3/2013 (*online.wsj.com*).
- Downey, Sean S., W. Randall Haas Jr., & Stephen J. Shennan.** 2016. “European Neolithic societies showed early warning signals of population collapse.” *Proceedings of the National Academy of Sciences* **113** (30 August): 9571-9756.
- Downing, Barry H.** 1970. *The Bible & Flying Saucers*. New York: Avon Books.
- Downs, Jason P., Edward B. Daeschler, Farish A. Jenkins, & Neil H. Shubin.** 2008. “The cranial endoskeleton of *Tiktaalik roseae*.” *Nature* **455** (16 October): 925-929.
- Downs, Jason P., & Philip C. J. Donoghue.** 2009. “Skeletal Histology of *Bothriolepis canadensis* (Placodermi, Antiarchi) and Evolution of the Skeleton at the Origin of Jawed Vertebrates.” *Journal of Morphology* **270** (November): 1364-1380.
- Doxey, Andrew C., Daniel A. Kurtz, Michael D. J. Lynch, Laura A. Sauder, & Josh D. Neufeld.** 2015. “Aquatic metagenomes implicate *Thaumarchaeota* in global cobalamin production.” *International Society for Microbial Ecology The ISME Journal* **9** (February): 461-471.
- Doxiadis, Gaby G. M., Ilka Hoof, Nanine de Groot, & Ronald E. Bontrop.** 2012. “Evolution

- of *HLA-DRB* Genes.” *Molecular Biology and Evolution* **29** (December): 3843-3853.
- Doxiadis, Gaby G. M., Marit K. H. van der Wiel, Herbert P. M. Brok, Natasja G. de Groot, Nel Otting, Bert A. 't Hart, Jon J. Van Rood, & Ronald E. Bontrop.** 2006. “Reactivation by exon shuffling of a conserved *HLA-DR3*-like pseudogene segment in a New World primate species.” *Proceedings of the National Academy of Sciences* **103** (11 April): 5864-5868.
- Doyle, Arthur Conan.** 1922. *The Coming of the Fairies*. 1972 reprint. New York: Samuel Weiser.
- . 1926. *The History of Spiritualism*. 2 vols. London: Cassell & Co.
- . 1930. *The Edge of the Unknown*. New York: G. P. Putnam’s Sons.
- Doyle, James A.** 2012. “Molecular and Fossil Evidence on the Origin of Angiosperms.” *Annual Review of Earth and Planetary Sciences* **40**: 301-326.
- Doyle, James A., & Michael J. Donoghue.** 1987. “The importance of fossils in elucidating seed plant phylogeny and macroevolution.” *Review of Palaeobotany and Palynology* **50** (February): 63-95.
- Doyle, Joseph T.** 2017. Collier County, Florida 10 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Doyle, Laurance R., Joshua A. Carter, Daniel C. Fabrycky, Robert W. Slawson, Steve B. Howell, Joshua N. Winn, Jerome A. Orosz, Andrej Pr’sa, William F. Welsh, Samuel N. Quinn, David Latham, Guillermo Torres, Lars A. Buchhave, Geoffrey W. Marcy, Jonathan J. Fortney, Avi Shporer, Eric B. Ford, Jack J. Lissauer, Darin Ragozzine, Michael Rucker, Natalie Batalha, Jon M. Jenkins, William J. Borucki, David Koch, Christopher K. Middour, Jennifer R. Hall, Sean McCauliff, Michael N. Fanelli, Elisa V. Quintana, Matthew J. Holman, Douglas A. Caldwell, Martin Still, Robert P. Stefanik, Warren R. Brown, Gilbert A. Esquerdo, Sumin Tang, Gabor Furesz, John C. Geary, Perry Berlind, Michael L. Calkins, Donald R. Short, Jason H. Steffen, Dimitar Sasselov, Edward W. Durham, William D. Cochran, Alan Boss, Michael R. Haas, Derek Buzasi, & Debra Fischer.** 2011. “Kepler-16: A Transiting Circumbinary Planet.” *Science* **333** (16 September): 1602-1606.
- Doyle, Laurance R., Hans-Jörg Deeg, & Timothy M. Brown.** 2000. “Searching for Shadows of Other Earths.” *Scientific American* **283** (September): 58-65.
- Doyle, Peter, Matthew R. Bennett, & Alistair N. Baxter.** 1994. *The Key to Earth History: An Introduction to Stratigraphy*. Chichester, UK: John Wiley & Sons.
- Doyle, Peter, with Florence Lowry.** 1996. *Understanding Fossils: An Introduction to Invertebrate Paleontology*. Chichester, UK: John Wiley & Sons.
- Doyle, Rodger.** 2001. “Can’t Read, Can’t Count.” *Scientific American* **285** (October): 24.
- . 2002. “Down with Evolution!” *Scientific American* **286** (March): 30.
- . 2003. “Sizing Up Evangelicals.” *Scientific American* **288** (March): 37.
- Doyle, Sandra J.** 2017. Collier County, Florida 16 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Doyle, Shaun.** 2007. “Feathery flight of fancy: Alleged ‘protofeathers’ fail under close scrutiny.” *Creation Ministries International* posting 25 May (online text at creation.com accessed 10/27/2009).
- . 2008a. “Large scale function for ‘endogenous retroviruses’.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (3): 16.
- . 2008b. “Tiktaalik—sticking its head out of water?” *Creation Ministries International* posting 12 December (online text at creation.com accessed 1/24/2014).
- . 2010a. “‘Remarkable’ mammal hairs in amber?” *Creation Ministries International* posting 25 May (online text at creation.com accessed 2/21/2011).
- . 2010b. “Lizards moving from eggs to live birth: evolution in action?” *Creation Ministries International* posting 18 November (online text at creation.com accessed 5/23/2015).
- . 2011. “‘Transitional form’ in mammal ear evolution—more cacophony.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (3): 42-45.
- Draaisma, Douwe.** 2009. “Stereotypes of autism.” *Philosophical Transactions of the Royal*

- Society of London B* (Biological Sciences) **361** (27 May): 1475-1480.
- Dragoi, George, & Susumu Tonegawa.** 2011. "Preplay of future place cell sequences by hippocampal cellular assemblies." *Nature* **469** (20 January): 397-401.
- . 2013. "Distinct preplay of multiple novel spatial experiences in the rat." *Proceedings of the National Academy of Sciences* **110** (28 May): 9100-9105.
- Drake, Abby Grace, & Christian Peter Klingenberg.** 2010. "Large-Scale Diversification of Skull Shape in Domestic Dogs: Disparity and Modularity." *The American Naturalist* **175** (March): 289-301.
- Drake, Bruce.** 2011. "Suspect in Giffords Shooting Had a History of Troubling Behavior." *Politics Daily* posting 9 January (online text at www.politicsdaily.com accessed 1/9/2011).
- Drake, Jennifer E., & Ellen Winner.** 2009. "Precocious realists: perceptual and cognitive characteristics associated with drawing talent in non-autistic children." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1449-1458.
- Drake, J. W.** 1999. "The Distribution of Rates of Spontaneous Mutation Over Viruses, Prokaryotes, and Eukaryotes." *Annals of the New York Academy of Sciences* **870** (18 May): 100-107.
- Drake, John W., Brian Charlesworth, Deborah Charlesworth, & James F. Crow.** 1998. "Rates of Spontaneous Mutation." *Genetics* **148** (April): 1667-1686.
- Drake, Linda.** 2010. "Home School Science." Blog posting 10 December (online text at blog.myplainview.com accessed 5/16/2011).
- Drake, Michael J.** 2001. "The eucrite/Vesta story." *Meteoritics & Planetary Science* **36** (April): 501-513.
- . 2005. "Origin of water on the terrestrial planets." *Meteoritics & Planetary Science* **40** (April): 519-527.
- Drake, Nick A., Roger M. Blench, Simon J. Armitage, Charlie S. Bristow, & Kevin H. White.** 2011. "Ancient watercourses and biogeography of the Sahara explain the peopling of the desert." *Proceedings of the National Academy of Sciences* **108** (11 January): 458-462.
- Drake, W. Raymond.** 1973. *Gods and Spacemen in the Ancient East*. New York: Signet Books.
- . 1974. *Gods and Spacemen in the Ancient West*. New York: Signet Books.
- Draper, Will E., Eric J. Hayden, & Niles Lehman.** 2008. "Mechanisms of covalent self-assembly of the *Azoarcus* ribozyme from four fragment oligonucleotides." *Nucleic Acids Research* **36** (February #2): 520-531.
- Dray, Nicolas, Kristin Tessmar-Raible, Martine Le Gouar, Laura Vibert, Foteina Christodoulou, Katharina Schipany, Aurélien Guillou, Juliane Zantke, Heidi Snyman, Julien Béhague, Michel Vervoort, Detlev Arendt, & Guillaume Balavoine.** 2010. "Hedgehog Signaling Regulates Segment Formation in the Annelid *Platynereis*." *Science* **329** (16 July): 339-342.
- Drayna, Dennis, Ani Manichaikul, Marlies de Lange, Harold Snieder, & Tim Spector.** 2001. "Genetic Correlates of Musical Pitch Recognition in Humans." *Science* **291** (9 March): 1969-1972.
- Dreber, Anna, & Martin A. Nowak.** 2008. "Gambling for global goods." *Proceedings of the National Academy of Sciences* **105** (19 February): 2261-2262.
- Drees, Willem B.** 2001. "Naturalism Need Not Be 'Made Safe': A Response to William Rottschaefer's Misunderstandings." *Zygon* **36** (September): 455-465.
- Dreger, Alice.** 2015. "Stirring the Pot." *The Scientist* posting 1 March (online text at the-scientist.com accessed 3/23/2015).
- Dreher, Jean-Claude, Simon Dunne, Agnieszka Pazderska, Thomas Frodl, John J. Nolan, & John P. O'Doherty.** 2016. "Testosterone causes both prosocial and antisocial status-enhancing behaviors in human males." *Proceedings of the National Academy of Sciences* **113** (11 October): 116333-11638.
- Dreher, Jean-Claude, Andreas Meyer-Lindenberg, Philip Kohn, & Karen Faith Berman.** 2008. "Age-related changes in midbrain dopaminergic regulation of the human reward system." *Proceedings of the National Academy of Sciences* **105** (30 September): 15106-

15111.

- Dreher, Rod.** 2010a. “How trustworthy are scientists anyway?” *Beliefnet* posting 7 July (online text at *beliefnet.com* accessed 7/18/2010).
- . 2010b. “The problem with blindly trusting scientists.” *Beliefnet* posting 8 July (online text at *beliefnet.com* accessed 7/18/2010).
- . 2016. “Scientists Make Terrible Politicians.” *The American Conservative* posting 19 July (online text at *www.theamericanconservative.com* accessed 8/1/2016).
- Dreifus, Claudia.** 2011. “Born, and Evolved, to Run.” *The New York Times* posting 22 August: online text accessed 8/24/2011 (*www.nytimes.com*).
- Dreisbach, Daniel L.** 1997. “George Mason’s Pursuit of Religious Liberty in Revolutionary Virginia.” Gunston Hall Plantation *Gunston Gazette* newsletter article posting (online text at *www.gunstonhall.org* accessed 4/25/2014).
- Drescher, Elizabeth.** 2010. “Gen X, Gadgets, and God.” *Religion Dispatches* 8 October posting (online text at *religiondispatches.org* accessed 10/11/2010).
- . 2011. “Evangelical Writers Take Homophobic Hipster Pastor to the Mat—Sort Of.” *Religion Dispatches* 13 July (online text at *religiondispatches.org* accessed 7/15/2011).
- . 2012a. “Does Record Number of Religious ‘Nones’ Mean Decline of Religiosity?” *Religion Dispatches* 9 October posting (online text at *religiondispatches.org* accessed 10/11/2012).
- . 2012b. “Church Uses Facebook for Sacramental Scrutiny at its Peril.” *Religion Dispatches* 16 November (online text at *religiondispatches.org* accessed 11/21/2012).
- . 2012c. “‘Nones’ ≠ Nonreligious.” *Religion Dispatches* 29 November (online text at *religiondispatches.org* accessed 11/30/2012).
- . 2013a. “New Research Links Spiritual-Not-Religious to Mental Disorder.” *Religion Dispatches* 12 January (online text at *religiondispatches.org* accessed 1/23/2013).
- . 2013b. “Mark Driscoll Hate-Tweets as Pope Benedict Flip-Flops: This Week in Religion and Social Media.” *Religion Dispatches* 25 January (online text at *religiondispatches.org* accessed 1/28/2013).
- . 2013c. “Benedict’s Painful Legacy.” *Religion Dispatches* 11 February posting (online text at *religiondispatches.org* accessed 2/16/2013).
- . 2013d. “The Evolution of Religion, According to Darwin.” *Religion Dispatches* 11 February posting (online text at *religiondispatches.org* accessed 2/16/2013).
- . 2014. “True or False: Less Religion Means Greater Diversity?” *Religion Dispatches* 7 February posting (online text at *religiondispatches.org* accessed 2/17/2014).
- Drew, David M., Kathryn Allen, Geoffrey M. Downes, Robert Evans, Michael Battaglia, & Patrick Baker.** 2013. “Wood properties in a long-lived conifer reveal strong climate signals where ring-width series do not.” *Tree Physiology* **33** (January): 37-47.
- Drew, David M., Geoffrey M. Downes, Anthony P. O’Grady, Jennifer Read, & Dale Worledge.** 2009. “High resolution temporal variation in wood properties in irrigated and non-irrigated *Eucalyptus globulus*.” *Annals of Forest Science* **66** (4): 406.
- Drew, Donald A., Mary J. Osborn, & Lawrence I. Rothfield.** 2005. “A polymerization-depolymerization model that accurately generates the self-sustained oscillatory system involved in bacterial division site placement.” *Proceedings of the National Academy of Sciences* **102** (26 April): 6114-6118.
- Drews, Carl, & Weiqing Han.** 2010. “Dynamics of Wind Setdown at Suez and the Eastern Nile Delta.” *PLoS ONE* (online @ *plosone.org*) **5** (August): e12481.
- Drews, Gerhart.** 2000. “The roots of microbiology and the influence of Ferdinand Cohn on microbiology of the 19th century.” *Federation of European Microbiological Societies FEMS Microbiology Reviews* **24** (January): 225-249.
- . 2011. “The Evolution of Cyanobacteria and Photosynthesis,” in Peschek *et al.* (2011, 265-284).
- Drincovich, María F., Paula Casati, & Carlos S. Andreo.** 2001. “NADP-malic enzyme from plants: a ubiquitous enzyme involved in different metabolic pathways.” *Federation of European Biochemical Societies FEBS Letters* **490** (9 February): 1-6.

- Drincovich, Maria F., Paula Casati, Carlos S. Andreo, Saul J. Chessin, Vincent R. Franceschi, Gerald E. Edwards, & Maurice S. B. Ku.** 1998. "Evolution of C₄ Photosynthesis in *Flaveria* Species: Isoforms of NADP-Malic Enzyme." *Plant Physiology* **117** (July): 733-744.
- Drinnenberg, Ines A., Gerald R. Fink, & David P. Bartel.** 2011. "Compatibility with Keller Explains the Rise of RNAi-Deficient Fungi." *Science* **333** (16 September): 1592.
- Driscoll, Catherine.** 2008. "The problem of adaptive individual choice in cultural evolution." *Biology and Philosophy* **23** (January): 101-113.
- Driscoll, Carlos A., David W. Macdonald, & Stephen J. O'Brien.** 2009. "From wild animals to domestic pets, an evolutionary view of domestication." *Proceedings of the National Academy of Sciences* **106** (16 June): 9971-9978.
- Driscoll, Mark.** 2006a. "Answers to Common Questions About Creation." *The Resurgence* 3 July posting (online text at *theresurgence.com* accessed 1/28/2013).
- . 2006b. "Resources for Further Study on Creation." *The Resurgence* 4 July posting (online text at *theresurgence.com* accessed 1/28/2013).
- . 2008. "Creation: God Makes." *Mars Hill Church* 16 April posting (online text at *marshill.com* accessed 1/28/2013).
- . 2012. "10 Prophecies about Jesus' birth." *The Resurgence* 24 December posting (online text at *theresurgence.com* accessed 1/28/2013).
- . 2013a. "When does human life begin?" *The Resurgence* 20 January posting (online text at *theresurgence.com* accessed 1/28/2013).
- . 2013b. "Is God a pacifist?" *The Resurgence* 22 October posting (online text at *theresurgence.com* accessed 10/31/2013).
- Drissi, R., F. Sor, J. Nosek, & H. Fukuhara.** 1994. "Genes of the linear mitochondrial DNA of *Williopsis mrakii*: coding sequences for a maturase-like protein, a ribosomal protein VAR1 homologue, cytochrome oxidase subunit 2 and methionyl tRNA." *Yeast* **10** (March): 391-398.
- Driver, Jon.** 1996. "Enhancement of selective listening by illusory mislocation of speech sounds due to lip-reading." *Nature* **381** (2 May): 66-69.
- Driver, Rebecca.** 1997. "Sea monsters ... more than a legend?" Answers in Genesis *Creation* **19** (September): 38-42.
- Drivonikou, G. V., P. Kay, T. Regier, R. B. Ivry, A. L. Gilbert, A. Franklin, & I. R. L. Davies.** 2007. "Further evidence that Whorfan effects are stronger in the right visual field than the left." *Proceedings of the National Academy of Sciences* **104** (16 January): 1097-1102.
- Droser, Mary L., & Seth Finnegan.** 2003. "The Ordovician Radiation: A Follow-up to the Cambrian Explosion?" *Integrative and Comparative Biology (AKA American Zoologist)* **43** (February): 178-184.
- Droser, Mary L., Richard A. Fortey, & Xing Li.** 1996. "The Ordovician Radiation." *American Scientist* **84** (March-April): 122-131.
- Droser, Mary L., & James G. Gehling.** 2008. "Synchronous Aggregate Growth in an Abundant New Ediacaran Tubular Organism." *Science* **319** (21 March): 1660-1662.
- . 2012. "Old and Groovy." *Science* **336** (29 June): 1646-1647.
- . 2015. "The advent of animals: The view from the Ediacaran." *Proceedings of the National Academy of Sciences* **112** (21 April): 4865-4870.
- Droser, Mary L., James G. Gehling, Mary E. Dzaugis, Martin J. Kennedy, Dennis Rice, & Michael F. Allen.** 2014. "A New Ediacaran Fossil with a Novel Sediment Displacive Life Habit." *Journal of Paleontology* **88** (January): 145-151.
- Droser, Mary L., James G. Gehling, & Sören R. Jensen.** 1999. "When the worm turned: Concordance of Early Cambrian ichnofabric and trace-fossil record in siliciclastic rocks of South Australia." *Geology* **27** (July): 625-628.
- . 2006. "Assemblage palaeoecology of the Ediacara biota: The unabridged edition?" *Palaeogeography, Palaeoclimatology, Palaeoecology* **232** (22 March): 141-147.
- Droser, Mary L., Sören Jensen, & James G. Gehling.** 2002. "Trace fossils and substrates of

- the terminal Proterozoic-Cambrian transition: Implications for the record of early bilaterians and sediment mixing.” *Proceedings of the National Academy of Sciences* **99** (1 October): 12572-12576.
- Drosnin, Michael.** 1998. *The Bible Code*. New York: Touchstone.
- . 2003. *The Bible Code II: The Countdown*. New York: Penguin Books.
- Drosophila 12 Genomes Consortium.** 2007. “Evolution of genes and genomes on the *Drosophila* phylogeny.” *Nature* **450** (8 November): 203-218.
- Drossel, Barbara, & Alan McKane.** 2000. “Competitive Speciation in Quantitative Genetic Models.” *Journal of Theoretical Biology* **204** (7 June): 467-478.
- Drouin, Guy, Jean-Rémi Godin, & Benoît Pagé.** 2011. “The Genetics of Vitamin C Loss in Vertebrates.” *Current Genomics* **12** (August): 371-378.
- Drucker, Michele.** 2016. “Evolution in Georgia: A job for the Teacher Institute for Evolutionary Science.” *The Richard Dawkins Foundation* 9 March posting (online text at old.richarddawkins.net accessed 3/16/2016).
- Druckman, James N., & Arthur Lupia.** 2012. “Experimenting with Politics.” *Science* **335** (9 March): 1177-1179.
- Drum, Kevin.** 2012. “The Fight Over Evolution Isn’t Actually All That Important.” *Mother Jones* posting 11 June (online text at motherjones.com accessed 6/13/2012).
- Drummond, Alexei J., & Marc A. Suchard.** 2010. “Bayesian random local clocks, or one rate to rule them all.” *BMC Biology* (online @ biomedcentral.com) **8** (31 August): 114.
- Drummond, C. S., H-J Xue, J. B. Yoder, & O. Pellmyr.** 2010. “Host-associated divergence and incipient speciation in the yucca moth *Prodoxus coloradensis* (Lepidoptera: Prodoxidae) on three species of host plants.” *Heredity* **105** (August): 183-196.
- Drummond, D. Allen, Jesse D. Bloom, Christoph Adami, Claus O. Wilke, & Frances H. Arnold.** 2005. “Why highly expressed proteins evolve slowly.” *Proceedings of the National Academy of Sciences* **102** (4 October): 14338-14343.
- Drummond, D. Allen, & Claus O. Wilke.** 2008. “Mistranslation-Induced Protein Misfolding as a Dominant Constraint on Coding-Sequence Evolution.” *Cell* **134** (25 July): 23-35.
- Drummond, Katie.** 2010. “Is the American Military Too Christian?” *AOL News* posting 19 February (online text at aolnews.com accessed 2/19/2010).
- Drury, Stacy, & Katherine Theall.** 2014. “Carefully thinking about telomeres.” *Proceedings of the National Academy of Sciences* **111** (17 June): E2441.
- Drury, S. S., K. Theall, M. M. Gleason, A. T. Smyke, I. De Vivo, J. Y. Y. Wong, N. A. Fox, C. H. Zeanah, & C. A. Nelson.** 2012. “Telomere length and early severe social deprivation: linking early adversity and cellular aging.” *Molecular Psychiatry* **17** (July): 719-727.
- Druzinsky, Robert E., Alison H. Doherty, & Frits L. De Vree.** 2011. “Mammalian Masticatory Muscles: Homology, Nomenclature, and Diversification.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **51** (August): 224-234.
- Dryden, David T. F., Andrew R. Thomson, & John H. White.** 2008. “How much of protein sequence space has been explored by life on Earth?” *Journal of the Royal Society Interface* **5** (August): 953-956.
- Drysdale, R. N., J. C. Hellstrom, G. Zanchetta, A. E. Fallick, M. F. Sánchez Goñi, I. Couchoud, J. McDonald, R. Maas, G. Lohmann, & I. Isola.** 2009. “Evidence for Obliquity Forcing of Glacial Termination II.” *Science* **325** (18 September): 1527-1531.
- Drysdale, Russell, Giovanni Zanchetta, John Hellstrom, Roland Maas, Anthony Fallick, Matthew Pickett, Ian Cartwright, & Leonardo Piccini.** 2006. “Late Holocene drought responsible for the collapse of Old World civilizations is recorded in an Italian cave flowstone.” *Geology* **34** (February): 101-104.
- D’Souza, Dinesh.** 2000. *The Virtue of Prosperity: Finding Values in an Age of Techno-Affluence*. New York: The Free Press.
- . 2007a. *What’s So Great About Christianity*. Washington, D.C.: Regnery.
- . 2007b. “Is Religion the Problem?” *AOL News Bloggers* 24 October posting (online text at news.aol.com accessed 12/11/2007).
- . 2007c. “Bill Donohue interviews Dinesh D’Souza.” *Catholic League Crisis* (December):

- online text accessed 1/5/2013 (*catholicleague.org*).
- . 2008a. “The Failure of ‘Intelligent Design’.” *Townhall Columnists* 7 April repost of 31 March AOL blog article (online text via *townhall.com* accessed 1/5/2013).
- . 2008b. “When Science Points To God.” San Antonio Bible-Based Science Association *Communiqué* (April 2010) reprint of 24 November *Townhall.com* posting (online text at *www.sabbsa.org* accessed 6/5/2014).
- . 2009. *Life After Death: The Evidence*. Washington, D.C.: Regnery.
- . 2010. “How Obama Thinks.” *Forbes Magazine* (27 September): online text accessed 9/14/2010 (*forbes.com*).
- . 2014. *America: Imagine A World Without Her*. Washington, D.C.: Regnery.
- D’Souza, Prashanth, Shih-Chii Liu, & Richard H. R. Hahnloser.** 2010. “Perceptron learning rule derived from spike-frequency adaptation and spike-time-dependent plasticity.” *Proceedings of the National Academy of Sciences* **107** (9 March): 4722-4727.
- Du, Huiyun, Wei Deng, James B. Aimone, Minyan Ge, Sarah Parylak, Keenan Walch, Wei Zhang, Jonathan Cook, Huina Song, Liping Wang, Fred H. Gage, & Yangling Mu.** 2016. “Dopaminergic inputs in the dentate gyrus direct the choice of memory coding.” *Proceedings of the National Academy of Sciences* **113** (13 September): E5501-E5510.
- Du, Juan, Analise Z. Reeves, Jessica A. Klein, Donna J. Twedt, Leigh A. Knodler, & Cammie F. Lesser.** 2016. “The type III secretion system apparatus determines the intracellular niche of bacterial pathogens.” *Proceedings of the National Academy of Sciences* **113** (26 April): 4794-4799.
- Du, Juan, Rafael F. Say, Wei Lü, Georg Fuchs, & Oliver Einsle.** 2011. “Active-site remodeling in the bifunctional fructose-1,6-bisphosphate aldolase/phosphatase.” *Nature* **478** (27 October): 534-537.
- Du, Xiaoyong, Bertrand Servin, James E. Womack, Jianhua Cao, Nei Yu, Yang Dong, Wen Wang, & Shuhong Zhao.** 2014. “An update of the goat genome assembly using dense radiation hybrid maps allows detailed analysis of evolutionary rearrangements in *Bovidae*.” *BMC Genomics* (online @ *biomedcentral.com*) **15** (23 July): 625.
- Duan, Yanhong, Jian Han, Dongjing Fu, Xinliang Zhang, Xiaoguang Yang, Tsuyoshi Komiya, & Degan Shu.** 2014. “Reproductive strategy of the bradoriid arthropod *Kummingella douvillei* from the Lower Cambrian Chengjiang Lagerstätte, South China.” *Gondwana Research* **25** (April): 983-990.
- Duanmu, Deqiang, Charles Bachy, Sebastian Sudek, Chee-Hong Wong, Valeria Jiménez, Nathan C. Rockwell, Shelley S. Martin, Chew Yee Ngan, Emily N. Reistetter, Marijke J. van Baren, Dana C. Price, Chia-Lin Wei, Adrian Reyes-Prieto, J. Clark Lagarias, & Alexandra Z. Worden.** 2014. “Marine algae and land plants share conserved phytochrome signaling systems.” *Proceedings of the National Academy of Sciences* **111** (4 November): 15827-15832.
- Duanmu, Deqiang, David Casero, Rachel M. Dent, Sean Gallaher, Wenqiang Yang, Nathan C. Rockwell, Shelley S. Martin, Matteo Pellegrini, Krishna K. Niyogi, Sabeeha S. Merchant, Arthur R. Grossman, & J. Clark Lagarias.** 2013. “Retrograde bilin signaling enables *Chlamydomonas* greening and phototrophic survivor.” *Proceedings of the National Academy of Sciences* **110** (26 February): 3621-3626.
- Duarte, Natalie C., Scott A. Becker, Neema Jamshidi, Ines Thiele, Monica L. Mo, Thuy D. Vo, Rohith Srivas, & Bernard Ø. Palsson.** 2007. “Global reconstruction of the human metabolic network based on genomic and bibliomic data.” *Proceedings of the National Academy of Sciences* **109** (6 February): 1777-1782.
- Dubal, Stéphanie, & Isabelle Viaud-Delmon.** 2008. “Magical ideation and hyperacusis.” *Cortex* **44** (November-December): 1379-1386.
- Dubay, Eric.** 2014. *The Flat-Earth Conspiracy*. Lulu.com.
- . 2015a. “Dinosaur Hoax – Dinosaurs Never Existed!” *The Atlantean Conspiracy* 9 September posting (online text at *www.atlanteanconspiracy.com* accessed 6/2/2016).
- . 2015b. “Evolution is a Lie – Intelligent Design is the Truth!” *The Atlantean Conspiracy* 12 October posting (online text at *www.atlanteanconspiracy.com* accessed 6/2/2016).

- Dubliansky, V. N.** 1980. “Hydrothermal karst in the alpine folded belt of southern parts of the U.S.S.R.” *Kras i Speleologia* **3** (12): 18-36.
- Dubois, Alain, Stéphane Grosjean, & Jean-Claude Paicheler.** 2010. “Strange tadpoles from the lower Miocene of Turkey: Is paedogenesis possible in anurans?” *Acta Palaeontologica Polonica* **55** (1): 43-55.
- Dubois, Daniel Y., Mickaël Blaise, Hubert D. Becker, Valérie Campanacci, Gérard Keith, Richard Giegé, Christian Cambillau, Jacques Lapointe, & Daniel Kern.** 2004. “An aminoacyl-tRNA synthetase-like protein encoded by the *Escherichia coli yadB* gene glutamylates specifically tRNA^{Asp}.” *Proceedings of the National Academy of Sciences* **101** (18 May): 7530-7535.
- Dubois, Julien, & Ralph Adolphs.** 2016. “How the brain represents other minds.” *Proceedings of the National Academy of Sciences* **113** (5 January): 19-21.
- Dubois-Dalcq, Monique, Anna Williams, Christine Stadelmann, Bruno Stankoff, Bernard Zalc, & Catherine Lubetzki.** 2008. “From fish to man: understanding endogenous remyelination in central nervous system demyelinating diseases.” *Brain* **131** (July): 1686-1700.
- Duboule, Denis.** 1998. “Hox is in the hair: a break in colinearity?” *Genes & Development* **12** (1 January): 1-4.
- . 2000. “A Hox by any other name.” *Nature* **403** (10 February): 607, 609-610.
- . 2007. “The rise and fall of Hox gene clusters.” *Development (AKA Journal of Embryology and Experimental Morphology)* **134** (15 July): 2549-2560.
- Duca, Maria, Pierre Vekhoff, Kahina Oussedik, Ludovic Halby, & Paola B. Arimondo.** 2008. “The triple helix: 50 years later, the outcome.” *Nucleic Acids Research* **36** (September #16): 5123-5138.
- Ducassou, Emmanuelle, Thierry Mulder, Sébastien Migeon, Elaine Gonthier, Anne Murat, Marie Revel, Lucilla Capotondi, Stefano M. Bernasconi, Jean Mascle, & Sébastien Zaragosi.** 2008. “Nile floods recorded in deep Mediterranean sediments.” *Quaternary Research* **70** (November): 382-391.
- Ducea, Mihai, Gautam Sen, John Eiler, & Jennifer Fimbres.** 2002. “Melt depletion and subsequent metasomatism in the shallow mantle beneath Koolau volcano, Oahu (Hawaii).” *Geochemistry, Geophysics, Geosystems* **3** (February): GC000184.
- DuChene, Harvey R., & Kimberley I. Cunningham.** 2006. “Tectonic Influences on Speleogenesis in the Guadalupe Mountains, New Mexico and Texas.” *New Mexico Geological Society 57th Field Conference Guidebook, Caves and Karst of Southeastern New Mexico*: 211-218.
- Duckworth, Angela L.** 2011. “The significance of self-control.” *Proceedings of the National Academy of Sciences* **108** (15 February): 2639-2640.
- Duckworth, Angela Lee, Patrick D. Quinn, Donald R. Lynam, Rolf Loeber, & Magda Stouthamer-Loeber.** 2011. “Role of test motivation in intelligence testing.” *Proceedings of the National Academy of Sciences* **108** (10 May): 7716-7720.
- Duckworth, Renée A., Virginia Belloni, & Samantha R. Anderson.** 2015. “Cycles of species replacement emerge from locally induced maternal effects on offspring behavior in a passerine bird.” *Science* **347** (20 February): 875-877.
- Ducos, Alain, Pascal Dumont, Anne Séguéla, Alain Pinton, Hélène Berland, Corinne Brun-Baronnat, Aafke Darré, Brigitte Marquant-Le Guienne, Patrice Humblot, Didier Boichard, & Roland Darré.** 2000. “A new reciprocal translocation in a subfertile bull.” *Genetics Selection Evolution (AKA Annales de Génétique et de Sélection Animale)* **32**: 589-598.
- Dudek, Ron.** 2012a. “Did Animal Sacrifices Remove Sin?” *Answers in Genesis* 5 June *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012b. “Wilderness or Wedding?” *Answers in Genesis* 19 June *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).

- Dudley, Jonathan.** 2011. *Broken Words: The Abuse of Science and Faith in American Politics*. New York: Crown Publishers.
- . 2013. “The Not-So-Lofty Origins of the Evangelical Pro-Life Movement.” *Religion Dispatches* 4 February posting (online text at religiondispatches.org accessed 2/8/2013).
- Dudley, Robert.** 1998. “Atmospheric oxygen, giant Paleozoic insects and the evolution of aerial locomotor performance.” *The Journal of Experimental Biology* **201** (15 April): 1043-1050.
- . 2000. “The Evolutionary Physiology of Animal Flight: Paleobiological and Present Perspectives.” *Annual Review of Physiology* **62**: 135-155.
- Dudley, Robert, Greg Byrnes, Stephen P. Yanoviak, Brendan Borrell, Rafe M. Brown, & Jimmy A. McGuire.** 2007. “Gliding and the Functional Origins of Flight: Biomechanical Novelty or Necessity?” *Annual Review of Ecology, Evolution and Systematics* **38**: 179-201.
- Dudley, Robert, & Stephen P. Yanoviak.** 2011. “Animal Aloft: The Origins of Aerial Behavior and Flight.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **51** (December): 926-936.
- Due, Anne V., Jochen Kuper, Arie Geerlof, Jens Peter von Kries, & Matthias Wilmanns.** 2011. “Bisubstrate specificity in histidine/tryptophan biosynthesis isomerase from *Mycobacterium tuberculosis* by active site metamorphosis.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3554-3559.
- Dueholm, Benjamin.** 2014. “The Problem of Church History for Opponents of Divorce.” *Religion Dispatches* 18 July posting (online text at religiondispatches.org accessed 7/21/2014).
- Duesberg, Peter.** 1996. *Inventing the AIDS Virus*. Washington, D.C.: Regnery Publishing, Inc.
- . 2005. “Does Aneuploidy or Mutation Start Cancer?” *Science* **307** (7 January): 41.
- . 2007. “Chromosomal Chaos and Cancer.” *Scientific American* **296** (May): 53-59.
- Duesberg, Peter, Ruhong Li, Alice Fabarius, & Ruediger Hehlmann.** 2005. “The chromosomal basis of cancer.” *Cellular Oncology* **27**: 293-318.
- Duesberg, Peter, Ruhong Li, David Rasnick, Charlotte Rausch, Andreas Willer, Alwin Kraemer, George Yerganian, & Ruediger Hehlmann.** 2000. “Aneuploidy Precedes and Segregates with Chemical Carcinogenesis.” *Cancer Genetics and Cytogenetics* **119** (June): 83-93.
- Dufek, J., & G. W. Bergantz.** 2005. “Lower Crustal Magma Genesis and Preservation: a Stochastic Framework for the Evaluation of Basalt-Crust Interaction.” *Journal of Petrology* **46** (November): 2167-2195.
- Duff, R. Joel.** 2008. “Flood Geology’s Abominable Mystery.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **60** (September): 166-177.
- . 2011. “Covered in Shells: How many fossils are there?” *Natural History* 14 September posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013a. “A Horse is a Horse, Unless of Course it Isn’t a Horse.” *Natural History* 25 March posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013b. “When is a Horse a Horse? The Species Definition Problem.” *Natural History* 27 March posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013c. “In Search of the Equine Common Ancestor: Horse Series Part III.” *Natural History* 5 April posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013d. “Horsing Around with Genetic Sorting: Horse Series Part V.” *Natural History* 19 April posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013e. “Equines of the Bible: Horse Series Part V.” *Natural History* 22 April posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2013f. “Invoking Super-Speed Evolution: How to Squeeze 10,000+ Bird Species onto Noah’s Ark.” *Natural History* 29 November posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2014a. “YEC Biblical Evolution? I Have a Book That Says Otherwise.” *Natural History* 13 February posting (online text at thenaturalhistorian.com accessed 1/30/2015).
- . 2014b. “Testing The Creationist’s Hyper-evolution Orchard: Canines, Felines and Elephants.” *Natural History* 18 February posting (online text at thenaturalhistorian.com

- accessed 1/30/2015).
- . 2014c. “The Origins of the Dead Sea: A Geo-Biblical Exploration—Part 1.” *Naturalis Historia* 2 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014d. “Origins of the Dead Sea Part II: The Lowest Place on Earth Goes Lower.” *Naturalis Historia* 3 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014e. “Origins of the Dead Sea Part III: The Levant—A Land Literally Torn Apart.” *Naturalis Historia* 6 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014f. “Origins of the Dead Sea Part IV: Lake Lisan—The Jordon Valley Under Water.” *Naturalis Historia* 17 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014g. “Origins of the Dead Sea Part V: All Dried Up—No Room for a Dry Dead Sea in the Young Earth Timeline.” *Naturalis Historia* 19 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014h. “Sodom, Gomorrah, and the Seismic History of the Dead Sea: Support for Biblical History—Yes! Support for a Young Earth—No! The Origins of the Dead Sea, Part VI.” *Naturalis Historia* 24 September posting (online text at thenaturalhistorian.com accessed 12/17/2015).
- . 2014i. “How Rare are Stone Age Artifacts? A Visit to a Stone Tool-Making Center at Kathu, SouthAfrica.” *Naturalis Historia* 18 December posting (online text at thenaturalhistorian.com accessed 7/11/2015).
- . 2015a. “Trillions of Stone Age Artifacts: A Young Earth Anthropology Paradox.” *Naturalis Historia* 14 March posting (online text at thenaturalhistorian.com accessed 7/11/2015).
- . 2015b. “Fossil Wasp Cocoons in Dinosaur Eggs: Complex Ecology Contradicts YEC Flood Geology Hypothesis.” *Naturalis Historia* 3 December posting (online text at thenaturalhistorian.com accessed 12/3/2015).
- . 2017a. “An Ammonite Fossil Leaves A Trail of Evidence of a Tranquil Jurassic Seafloor.” *Naturalis Historia* 15 May posting (online text at thenaturalhistorian.com accessed 5/16/2017).
- . 2017b. “Was The Young-Earth Perfect Prelapsarian Paradise a Maladapted World?” *Naturalis Historia* 25 May posting (online text at thenaturalhistorian.com accessed 6/10/2017).
- Duffey, Cathy.** 2011. “Index to science reviews.” *Cathy Duffy Reviews* posting (online text at cathyduffyreviews.com accessed 2/11/2011).
- Duffield, Wendell, Nancy Riggs, Darrell Kaufman, Duane Champion, Cassandra Fenton, Steven Forman, William McIntosh, Richard Hereford, Jeffrey Plescia, & Michael Ort.** 2006. “Multiple constraints on the age of a Pleistocene lava dam across the Little Colorado River at Grand Falls, Arizona.” *The Geological Society of America GSA Bulletin* **118** (March/April): 421-429.
- Duffner, Jordan Denari.** 2017. “New Study: Islamophobia Common In Catholic Media.” *Religion Dispatches* 15 June posting (online text at religiondispatches.org accessed 6/19/2017).
- Duffy, Meghan A.** 2014. “It helps to be well connected.” *Science* **344** (13 June): 1229-1230.
- Dufois, François, Nick J. Hardman-Mountford, Jim Greenwood, Anthony J. Richardson, Ming Feng., & Richard J. Matear.** 2016. “Anticyclonic eddies are more productive than cyclonic eddies in subtropical gyres because of winter mixing.” *Science Advances* **2** (20 May): e1600282 (online at sciencemag.org).
- Dufour, Héloïse D., & Sean B. Carroll.** 2013. “Great myths die hard.” *Nature* **502** (3 October): 32-33.
- Dufour, V., M. Pelé, M. Neumann, B. Thierry, & J. Call.** 2009. “Calculated reciprocity after all: computation behind token transfers in orang-utans.” *Royal Society Biology Letters* **5** (April): 172-175.
- Dufresne, Alexis, Marcel Salanoubat, Frédéric Partensky, François Artiguenave, Ilka M.**

- Axmann, Valérie Barbe, Simone Duprat, Michael Y. Galperin, Eugene V. Koonin, Florence Le Gall, Kira S. Makarova, Martin Ostrowski, Sophie Oztas, Catherine Robert, Igor B. Rogozin, David J. Scanlan, Nicole Tandeau de Marsac, Jean Weissenbach, Patrick Wincker, Yuri I. Wolf, & Wolfgang R. Hess.** 2003. "Genome sequence of the cyanobacterium *Prochlorococcus marinus* SS120, a nearly minimal oxyphototrophic genome." *Proceedings of the National Academy of Sciences* **100** (19 August): 10020-10025.
- Dugan, Jim.** 2012. "Problems of Course Content and Discriminatory Policies at Religious Schools Receiving State Funds Through the Louisiana K-12 Scholarship Program." *Texas Freedom Network* 22 August article (online pdf at www.tfn.org accessed 1/27/2013).
- Dugas, Matthew B.** 2016. "Baby birds do not always tell the truth." *Proceedings of the National Academy of Sciences* **113** (29 November): 13554-13556.
- Dugas-Ford, Jennifer, Joanna J. Rowell, & Clifton W. Ragsdale.** 2012. "Cell-type homologies and the origins of the neocortex." *Proceedings of the National Academy of Sciences* **109** (16 October): 16974-16979.
- Dugatkin, Lee Alan.** 2000a. *The Imitation Factor: Evolution Beyond the Gene*. New York: The Free Press.
- . 2000b. "Animals Imitate, Too." *Scientific American* **283** (October): 67.
- . 2017. "Long reach of inclusive fitness." *Proceedings of the National Academy of Sciences* **114** (16 May): 5067-5068.
- Dugatkin, Lee Alan, Michael Perlin, & Ronald Atlas.** 2003. "The Evolution of Group-beneficial Traits in the Absence of Between-group Selection." *Journal of Theoretical Biology* **220** (7 January): 67-74.
- Duggar, Joshua.** 2014. "This is outrageous." Family Research Council *Alert: Take Action* 6 May email message (online text via frc.org accessed 5/16/2014).
- Duggins, Mike.** 2011. "Send word of Jesus to Egypt." *Townhall Daily* for 4 February (online text via townhall.com accessed 2/4/2011).
- Dugmore, Andrew J., Thomas H. McGovern, Orri Vésteinsson, Jette Arneborg, Richard Streeter, & Christian Keller.** 2012. "Cultural adaptation, compounding vulnerabilities and conjectures in Norse Greenland." *Proceedings of the National Academy of Sciences* **109** (6 March): 3658-3663.
- Duhamel, Jean-René, Carol L. Colby, & Michael E. Goldberg.** 1992. "The Updating of the Representation of Visual Space in Parietal Cortex by Intended Eye Movements." *Science* **255** (3 January): 90-92.
- Duignan-Cabrera, Anthony, & Tom X. Chao.** 2004. "The Top 10 Intelligent Designs (or Creation Myths)." *LiveScience* posting 19 December (online text at www.livescience.com accessed 8/17/2011).
- Duigon, Lee.** 2014. "The religious neutrality scam." *Barbwire* 23 September posting (online text via www.barbwire.com accessed 6/9/2015).
- . 2015. "God and Dinosaurs." *Barbwire* 8 June posting (online text via www.barbwire.com accessed 6/9/2015).
- Duin, Julia.** 2011. "1 out of 8 biology teachers reject evolution." The Washington Post *Under God* posting 1 February: online text accessed 2/8/2011 (onfaith.washingtonpost.com).
- Duis, Sarah.** 2014. "Concord High biology teacher questioned over creationism videos." *The Elkhart Truth* (Elkhart, Indiana) posting 21 February: online text accessed 2/1/2014 (www.elktruth.com).
- Duke, Barry.** 2009. "There will be no sequels to The Golden Compass because of Catholic pressure." *The Freethinker* 16 December posting (online text at freethinker.co.uk accessed 6/18/2013).
- . 2013. "Demented creationist creates a scene at the unveiling of an atheist monument in Florida." *The Freethinker* 30 June posting (online text at freethinker.co.uk accessed 7/23/2013).
- Duke, David.** 2013. "An Open Letter to My Friends attending the American Renaissance Conference." *DavidDuke.com For Human Freedom and Diversity* 25 March posting

- (online text at *davidduke.com* accessed 10/17/2014).
- Duke, Thomas.** 2002. “Push or pull? Teams of motor proteins have it both ways.” *Proceedings of the National Academy of Sciences* **99** (14 May): 6521-6523.
- Duke Today.* 2015. “Study Hints at Why Parrots are Great Vocal Imitators.” Duke University *Duke Today* 24 June posting (online text at *today.duke.edu* accessed 1/2/2016).
- Dulai, Kanwaljit, Miranda von Dornum, John D. Mollon, & David M. Hunt.** 1999. “The Evolution of Trichromatic Color Vision by Opsin Gene Duplication in New World and Old World Primates.” *Genome Research* **9** (July): 629-638.
- Dulcis, Davide, Pouya Jamshidi, Stefan Leutgeb, & Nicholas C. Spitzer.** 2013. “Neurotransmitter Switching in the Adult Brain Regulates Behavior.” *Science* **340** (26 April): 449-453.
- Dull, Robert, John Southon, Steffen Kutterolf, Armin Freundt, David Wahl, & Payson Sheets.** 2010. “Did the Ilopango TBJ Eruption Cause the AD 536 Event?” *American Geophysical Union* presentation posting (online pdf at *www.foundar.org.sv* accessed 6/13/2015).
- Dulle, Jason.** 2011. “New fossil find makes whale evolution even more unlikely.” *Theo-sophical Ruminations* 27 October posting (online text at *theosophical.wordpress.com* accessed 7/12/2012).
- Duller, G. A. T.** 2006. “Comment on ‘Human footprints in Central Mexico older than 40,000 years’ by S. González, D. Huddart, M. R. Bennett and A. González-Huesca.” *Quaternary Science Reviews* **25** (November): 3074-3076.
- Duman, John G.** 2015. “Animal ice-binding (antifreeze) proteins and glycolipids: an overview with emphasis on physiological function.” *The Journal of Experimental Biology* **218** (1 June): 1846-1855.
- Duman-Scheel, Molly, & Nipam H. Patel.** 1999. “Analysis of molecular marker expression reveals neuronal homology in distantly related arthropods.” *Development (AKA Journal of Embryology and Experimental Morphology)* **126** (1 June): 2327-2334.
- Dumanski, Jan P., Chiara Rasi, Mikael Lönn, Hanna Davies, Martin Ingelsson, Vilmantas Giedraitis, Lars Lannfelt, Patrik K. E. Magnusson, Cecilia M. Lindgren, Andrew P. Morris, David Cesarini, Magnus Johannesson, Eva Tiensuu Janson, Lars Lind, Nancy L. Pedersen, Erik Ingelsson, & Lars A. Forsberg.** 2015. “Smoking is associated with mosaic loss of chromosome Y.” *Science* **347** (2 January): 81-83.
- Dumas, Guillaume, Gonzalo C. de Guzman, Emmanuelle Tognoli, & J. A. Scott Kelso.** 2014. “The human dynamic clamp as a paradigm for social interaction.” *Proceedings of the National Academy of Sciences* **111** (2 September): E3726-E3734.
- Dumas, Laura, Young H. Kim, Anis Karimpour-Fard, Michael Cox, Janet Hopkins, Jonathan R. Pollack, & James M. Sikela.** 2007. “Gene copy number variation spanning 60 million years of human and primate evolution.” *Genome Research* **17** (September): 1266-1277.
- Dumer, Aleksey I., Pasquale G. Frisina, & Joan C. Borod.** 2007. “Anosognosia, confabulation, and dreaming: A neuropsychological perspective.” *Cortex* **43** (8): 1111-1112.
- Dummett, Michael, with Sylvia Mann.** 1980. *The Game of Tarot from Ferrara to Salt Lake City*. London: Duckworth.
- Dumont, Beth L., & Evan E. Eichler.** 2013. “Signals of Historical Interlocus Gene Conversion in Human Segmental Duplications.” *PLoS ONE* (online @ *plosone.org*) **8** (October): e75949.
- Dumusque, Xavier, Francesco Pepe, Christophe Lovis, Damien Ségransan, Johannes Sahlmann, Willy Benz, François Bouchy, Michel Mayor, Didier Queloz, Nuno Santos, & Stéphane Udry.** 2012. “An Earth-mass planet orbiting α Centauri B.” *Nature* **491** (8 November): 207-211.
- Dunbar, D. R., P. A. Moonie, H. T. Jacobs, & I. J. Holt.** 1995. “Different cellular backgrounds confer a marked advantage to either mutant or wild-type mitochondrial genomes.” *Proceedings of the National Academy of Sciences* **92** (4 July): 6562-6566.

- Dunbar, Robert B., & Gerard M. Wellington.** 1981. "Stable isotopes in a branching coral monitor seasonal temperature variation." *Nature* **293** (8 October): 453-455.
- Dunbar, Robin I. M.** 2003. "Evolution of the Social Brain." *Science* **302** (14 November): 1160-1161.
- . 2013. "Mind the Gap: or Why Humans Aren't Just Great Apes," in Dunbar *et al.* (2013, 1-18).
- . 2014. "How conversations around campfires came to be." *Proceedings of the National Academy of Sciences* **111** (30 September): 14013-14014.
- Dunbar, R. I. M., Rebecca Baron, Anna Frangou, Eiluned Pearce, Edwain J. C. van Leeuwen, Julie Stow, Giselle Partridge, Ian MacDonald, Vincent Barra, & Mark van Vugt.** 2012. "Social laughter is correlated with an elevated pain threshold." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 March): 1161-1167.
- Dunbar, Robin, & Louise Barrett.** 2000. *Cousins: Our primate relatives*. London: Dorling Kindersley Publishing, Inc.
- Dunbar, R. I. M., Clive Gamble, & J. A. J. Gowlett,** eds. 2013. *Lucy to Language: The Benchmark Papers*. Oxford: Oxford University Press.
- Dunbar, R. I. M., & Susanne Shultz.** 2007. "Evolution in the Social Brain." *Science* **317** (7 September): 1344-1347.
- Duncan, Andrew W., Matthew H. Taylor, Raymond D. Hickey, Amy E. Hanlon Newell, Michelle L. Lenzi, Susan B. Olson, Milton J. Finegold, & Markus Grompe.** 2010. "The ploidy conveyor of mature hepatocytes as a source of genetic variation." *Nature* **467** (7 October): 707-710.
- Duncan, J. Ligon, & Mark R. Talbot.** 2002. "Camping's Folly: A Response To Harold Camping's Erroneous Teaching On The Church." *Alliance of Confessing Evangelicals* posting (online text at sites.silaspartners.com accessed 7/30/2010).
- Duncan, John, Daphne Chylinski, Daniel J. Mitchell, & Apoorva Bhandari.** 2017. "Complexity and compositionality in fluid intelligence." *Proceedings of the National Academy of Sciences* **114** (16 May): 5295-5299.
- Duncan, Julie.** 2009. "Credibility, Profitability, and Irrefutability." *Reports of the National Center for Science Education* **29** (September-December): 17-20.
- Duncan, Martin J.** 2015. "Preventing stars from eating their young." *Nature* **520** (2 April): 40-41.
- Duncan, Otis Dudley, & Claudia Geist.** 2004. "The Creationists: How Many, Who, and Where?" *Reports of the National Center for Science Education* **24** (September-December): 26-33.
- Duncan, Richard P., Alison G. Boyer, & Tim M. Blackburn.** 2013. "Magnitude and variation of prehistoric bird extinctions in the Pacific." *Proceedings of the National Academy of Sciences* **110** (16 April): 6436-6441.
- Duncan, R. A.** 1990. "1. The Volcanic Record of the Réunion Hotspot." *Proceedings of the Ocean Drilling Program, Scientific Results* **115**: 3-10.
- Duncan, R. A., P. R. Hooper, J. Rehacek, J. S. Marsh, & A. R. Duncan.** 1997. "The timing and duration of the Karoo igneous event, southern Gondwana." *Journal of Geophysical Research* **102** (10 August): 18127-18138.
- Duncan, Thomas M., Vladimir V. Bulygin, Yuantai Zhou, Marcus L. Hutcheon, & Richard L. Cross.** 1995. "Rotation of subunits during catalysis by *Escherichia coli* F₁-ATPase." *Proceedings of the National Academy of Sciences* **92** (21 November): 10964-10968.
- Dunford, Mike.** 2005a. "The Consequences of Creationism." *The Questionable Authority* 29 August 2007 reposting (online text at scienceblogs.com/authority accessed 8/11/2008).
- . 2005b. "More on the California Creationist Lawsuit." *The Questionable Authority* 29 August 2007 reposting (online text at scienceblogs.com/authority accessed 8/11/2008).
- . 2005c. "California: The Saga Continues." *The Questionable Authority* 30 August 2007 reposting (online text at scienceblogs.com/authority accessed 8/11/2008).
- . 2005d. "Still More on the California Creationist Lawsuit." *The Questionable Authority* 30 August 2007 reposting (online text at scienceblogs.com/authority accessed 8/11/2008).

- . 2005e. “Dog Bites Man.” *The Questionable Authority* Archive for 10 October (online text at thequestionableauthority.blogspot.com accessed 12/4/2009).
- . 2007a. “‘Viewpoint Discrimination’ and the California Creationism Case.” *The Questionable Authority* posting 3 September (online text at scienceblogs.com/authority accessed 8/11/2008).
- . 2007b. “Today’s Bob Jones ‘Biology for Christian Schools’ Howlers.” *The Questionable Authority* posting 16 September (online text at scienceblogs.com/authority accessed 12/31/2010).
- . 2007c. “More Bob Jones ‘Biology for Christian Schools’ Howlers.” *The Questionable Authority* posting 29 September (online text at scienceblogs.com/authority accessed 12/31/2010).
- . 2008a. “Anti-Evolution Legislation Introduced in Florida.” *The Questionable Authority* posting 3 March (online text at scienceblogs.com/authority accessed 3/10/2008).
- . 2008b. “Discovery Institute: Dishonest or Incompetent? I Report, You Decide.” *The Questionable Authority* posting 6 March (online text at scienceblogs.com/authority accessed 3/10/2008).
- . 2008c. “Quality Education Wins Again in the California Creationist Case.” *The Questionable Authority* posting 11 August (online text at scienceblogs.com/authority accessed 8/11/2008).
- . 2009a. “Afarensis on afarensis.” *Panda’s Thumb* posting 9 February (online text at pandasthumb.org accessed 2/9/2009).
- . 2009b. “Casey Luskin, Galloping Paranoia, and Not Taking Intelligent Design Seriously.” *The Questionable Authority* posting 20 March (online text at scienceblogs.com/authority accessed 3/23/2009).
- . 2009c. “I love Walter ReMine.” *The Questionable Authority* posting 26 March (online text at scienceblogs.com/authority accessed 3/26/2009).
- . 2010. “How do we know that most of the species that ever lived are extinct?” *The Questionable Authority* posting 12 January (online text at scienceblogs.com/authority accessed 1/12/2010).
- Dungan, David L.** 2006. *Constantine’s Bible: Politics and the Making of the New Testament*. 2007 US ed. London: SCM Press.
- Dunham, Will.** 2014. “Leaf me alone: ancient insect blended in with foliage.” *Reuters* 19 March posting (online text at www.reuters.com accessed 3/19/2016).
- Dunhill, Alexander M., Bjarte Hannisdal, & Michael J. Benton.** 2014. “Disentangling rock record bias and common-cause from redundancy in the British fossil record.” *Nature Communications* (online @ nature.com) **5** (4 September): 4818.
- Dunkelberg, Pete.** 2003. “Irreducible Complexity Demystified.” *Talkdesign* posting 26 April (online text at talkdesign.org accessed 11/25/2010).
- . 2006. “Evidence of Design?” *Panda’s Thumb* posting 20 November (online text at pandasthumb.org accessed 12/27/2010).
- . 2007. “Young Earth Rising.” *Panda’s Thumb* posting 8 December (online text at pandasthumb.org accessed 12/10/2007).
- . 2008a. “Explore the strengths and weaknesses of Florida’s ‘Academic Freedom’ bill.” *Panda’s Thumb* posting 6 March (online text at pandasthumb.org accessed 3/10/2008).
- . 2008b. “Florida’s ‘Evolution Academic Freedom Act’.” *Panda’s Thumb* posting 27 March (online text at pandasthumb.org accessed 3/27/2008).
- Dunker, A. Keith, J. David Lawson, Celeste J. Brown, Ryan M. Williams, Pedro Romero, Jeong S. Oh, Christopher J. Oldfield, Andrew M. Campen, Catherine M. Ratliff, Kerry W. Hipps, Juan Ausio, Mark S. Nissen, Raymond Reeves, ChulHee Kang, Charles R. Kissinger, Robert W. Bailey, Michael S. Griswold, Wah Chiu, Ethan C. Garner, & Zoran Obradovic.** 2001. “Intrinsically disordered protein.” *Journal of Molecular Graphics and Modeling* **19** (February): 26-59.
- Dunkle, Jack A., Leyi Wang, Michael B. Feldman, Arto Pulk, Vincent B. Chen, Gary J. Kapral, Jonas Noeske, Jane S. Richardson, Scott C. Blanchard, & Jamie H. Doudna Cate.** 2011. “Structures of the Bacterial Ribosome in Classical and Hybrid States of tRNA

- Binding.” *Science* **332** (20 May): 981-984.
- Dunlap, David W.** 2012. “The Brief Return of ‘the Woman Who Wasn’t There’.” *The New York Times City Room* blog posting 13 March (online text at cityroom.blogs.nytimes.com accessed 4/14/2012).
- Dunlap, Kathrin A., Massimo Palmarini, Mariana Varela, Robert C. Burghardt, Kanako Hayashi, Jennifer L. Farmer, & Thomas E. Spencer.** 2006. “Endogenous retroviruses regulate periimplantation placental growth and differentiation.” *Proceedings of the National Academy of Sciences* **103** (26 September): 14390-14395.
- Dunlap, Orrin E. Jr.** 1939. “Telecasts to Homes Begin on April 30—World’s Fair Will Be the Stage.” *New York Times* (19 March): 12, Section 11.
- Dunlop, James S.** 2011. “The Cosmic History of Star Formation.” *Science* **333** (8 July): 178-181.
- Dunlop, Jason A.** 2000. “Character states and evolution of the chelicerate claws,” in Toft & Scharff (2002, 345-354).
- . 2005. “New ideas about the euchelicerate stem-lineage,” in Deltshv & Stoev (2005, 9-23).
- Dunlop, Jason A., Lyall I. Anderson, Hans Kerp, & Hagen Hass.** 2003. “Preserved organs of Devonian harvestmen.” *Nature* **425** (30 October): 916.
- . 2004. “A harvestman (Arachnida: Opiliones) from the Early Devonian Rhynie cherts, Aberdeenshire, Scotland.” *Earth and Environmental Transactions of the Royal Society of Edinburgh* **94** (December): 341-353.
- Dunlop, Jason A., Jenő Kontschán, David E. Walter, & Vincent Perrichot.** 2014. “An ant-associated mesostigmatid mite in Baltic amber.” *Royal Society Biology Letters* **10** (September): 20150531.
- Dunlop, Jason A., David Penney, Natalie Dalüge, Peter Jäger, Andrew McNeil, Robert S. Bradley, Philip J. Withers, & Richard F. Preziosi.** 2011. “Computed tomography recovers data from historical amber: an example from huntsmen spiders.” *Naturwissenschaften* **98** (June): 519-527.
- Dunn, Carolyn L., Rodney W. Kelly, & Hilary O. D. Critchley.** 2003. “Decidualization of the human endometrial stromal cell: an enigmatic transformation.” *Reproductive BioMedicine Online* **7** (September): 151-161.
- Dunn, Casey W.** 2009. “Siphonophores.” *Current Biology* **19** (24 March): R233-R234.
- . 2013. “Evolution: Out of the Ocean.” *Current Biology* **23** (18 March): R241-R243.
- . 2014. “Reconsidering the phylogenetic utility of miRNA in animals.” *Proceedings of the National Academy of Sciences* **111** (2 September): 12576-12577.
- . 2016. “Acorn worms in a nutshell.” *Nature* **527** (26 November): 448-449.
- Dunn, C. W., P. R. Pugh, & S. H. Haddock.** 2005. “Molecular genetics of the Siphonophora (Cnidaria), with implications for the evolution of functional specialization.” *Systematic Biology* **54** (December): 916-935.
- Dunn, Casey W., Gonzalo Giribet, Gregory D. Edgecombe, & Andreas Hejnol.** 2014. “Animal Phylogeny and Its Evolutionary Implications.” *Annual Review of Ecology, Evolution and Systematics* **45**: 371-395.
- Dunn, Casey W., Andreas Hejnol, David Q. Matus, Kevin Pang, William E. Browne, Stephen A. Smith, Elaine Seaver, Greg W. Rouse, Matthias Obst, Gregory D. Edgecombe, Martin V. Sørensen, Steven H. D. Haddock, Andreas Schmidt-Rhaesa, Akiko Okusu, Reinhardt Møbjerg Kristensen, Ward C. Wheeler, Mark Q. Martindale, & Gonzalo Giribet.** 2008. “Broad phylogenomic sampling improves resolution of the animal tree of life.” *Nature* **452** (10 April): 745-749.
- Dunn, Casey W., & Günter P. Wagner.** 2006. “The evolution of colony-level development in the Siphonophora (Cnidaria:Hydrozoa).” *Development Genes and Evolution* **216** (December): 743-754.
- Dunn, Elizabeth W., Emma E. Buchtel, & Lara B. Akinin.** 2011. “Consensus at the Heart of Division: Commentary on Norton and Ariely (2011).” *Perspectives on Psychological Science* **6** (January): 13-14.

- Dunn, Ian S.** 2011. “RNA Templating of Molecular Assembly and Covalent Modification Patterning in Early Molecular Evolution and Modern Biosystems.” *Journal of Theoretical Biology* **284** (7 September): 32-41.
- Dunn, Michael, Simon J. Greenhill, Stephen C. Levinson, & Russell D. Gray.** 2011. “Evolved structure of language shows lineage-specific trends in word-order universals.” *Nature* **473** (5 May): 79-82.
- Dunn, Peter O., Jessica K. Armenta, & Linda A. Whittingham.** 2015. “Natural and sexual selection act on different axes of variation in avian plumage color.” *Science Advances* **1** (27 March): e1400155 (online at sciencemag.org).
- Dunn, Rob.** 2011a. “When Cows Changed Our Genes.” *Discover Magazine Presents Evolution* (Summer Special Issue): 59-62.
- . 2011b. *The Wild Life of Our Bodies: Predators, Parasites, and Partners That Shape Who We Are Today*. New York: Harper (HarperCollins).
- Dunn, Robert R., Nyeema C. Harris, Robert K. Colwell, Lian Pin Koh, & Navjot S. Sodhi.** 2009. “The sixth mass coextinction: Are most endangered species parasites or mutualists?” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (7 September): 3037-3045.
- Dunn, Simon R., Wendy S. Phillips, Douglas R. Green, & Virginia W. Weis.** 2007. “Knockdown of Actin and Caspase Gene Expression by RNA Interference in the Symbiotic Anemone *Aiptasia pallida*.” *The Biological Bulletin* **212** (June): 250-258.
- Dunn, Simon R., Christine E. Schnitzler, & Virginia W. Weis.** 2007. “Apoptosis and autophagy as mechanisms of dinoflagellate symbiont release during cnidarian bleaching: every which way you lose.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 December): 3079-3085.
- Dunning, Brian.** 2010. “Stalin’s Human-Ape Hybrids.” *Skeptoid Podcast* Episode 219 (17 August) transcript posting (online text at skeptoid.com accessed 8/21/2012).
- Dunning, David.** 2009. “Misbelief and the neglect of environmental context.” *Behavioral and Brain Sciences* **32** (6): 517-518.
- . 2011. “Get thee to a laboratory.” *Behavioral and Brain Sciences* **34** (1): 18-19.
- Dunning, David; Kerri Johnson, Joyce Ehrlinger, & Justin Kruger.** 2003. “Why people fail to recognize their own incompetence.” *Current Directions in Psychological Science* **12** (June): 83–87.
- Dunning, Nicholas P., Timothy P. Beach, & Sheryl Luzzadder-Beach.** 2012. “Kax and kol: Collapse and resilience in lowland Maya civilization.” *Proceedings of the National Academy of Sciences* **109** (6 March): 3652-3657.
- Dunning-Hotopp, Julie C.** 2011. “Horizontal gene transfer between bacteria and animals.” *Trends in Genetics* **27** (April): 157-163.
- Dunoyer, Patrice, Gregory Schott, Christophe Humber, Denise Meyer, Atsushi Takeda, James C. Carrington, & Olivier Voinnet.** 2010. “Small RNA Duplexes Function as Mobile Silencing Signals Between Plant Cells.” *Science* **328** (14 May): 912-916.
- Dunphy, Catherine.** 2012. “A Former Atheist-in-the-Pulpit Delivers a Sermon.” *Friendly Atheist* 29 May posting by Hemant Mehta of video and transcript (online text at www.patheos.com accessed 9/25/2013).
- Dunstan, Sarah J., Nguyen Thi Hue, Buhm Han, Zheng Li, Trinh Thi Bich Tram, Kar Seng Sim, Christopher M. Parry, Nguyen Tran Chinh, Ha Vinh, Nguyen Phu Huong Lan, Nga Tran Vu Thieu, Phat Voong Vinh, Samir Koirala, Sabina Dongol, Amit Arjyal, Abhilasha Karkey, Olita Shilpakar, Christiane Dolecek, Jia Nee Foo, Le Thi Phuong, Mai Ngoc Lanh, Tan Do, Tin Aung, Do Nu Hon, Yik Ying Teo, Martin L. Hibberd, Katherine L. Anders, Yukinori Okada, Soumya Raychaudhuri, Cameron P Simmons, Stephen Baker, Paul I. W. de Bakker, Buddha Basnyat, Tran Tinh Hien, Jeremy J. Farrar, & Chiea Chuen Khor.** 2014. “Variation at *HLA-DRB1* is associated with resistance to enteric fever.” *Nature Genetics* **46** (December): 1049-1051.
- Dunsworth, Holly M.** 2010. “Origin of the Genus *Homo*.” *Evolution: Education & Outreach* **3** (September): 353-366.

- . 2016a. “Thank your intelligent mother for your big brain.” *Proceedings of the National Academy of Sciences* **113** (21 June): 6816-6818.
- . 2016b. “In Man’s Evolution, Women Evolve Too.” *The Mermaid’s Tale* 17 December posting (online text at ecodevoevo.blogspot.com accessed 12/22/2016).
- Dunsworth, Holly M., Anna G. Warrener, Terrence Deacon, Peter T. Ellison, & Herman Pontzer.** 2012. “Metabolic hypothesis for human altriciality.” *Proceedings of the National Academy of Sciences* **109** (18 September): 15212-15216.
- Du Pasquier, Louis.** 2005. “Insects Diversify One Molecule to Serve Two Systems.” *Science* **309** (16 September): 1826-1827.
- Dupont, Christopher L., Andrew Butcher, Ruben E. Valas, Philip E. Bourne, & Gustavo Caetano-Anollés.** 2010. “History of biological metal utilization inferred through phylogenomic analysis of protein structures.” *Proceedings of the National Academy of Sciences* **107** (8 June): 10567-10572.
- Dupont, Christopher L., Song Yang, Brian Palenik, & Philip E. Bourne.** 2006. “Modern proteomes contain putative imprints of ancient shifts in trace metal geochemistry.” *Proceedings of the National Academy of Sciences* **103** (21 November): 17822-17827.
- Dupraz, Christophe, R. Pamela Reid, Olivier Braissant, Alan W. Decho, R. Sean Norman, & Pieter T. Visscher.** 2009. “Processes of carbonate precipitation in modern microbial mats.” *Earth-Science Reviews* **96** (October): 141-162.
- Dupraz, Christophe, & Pieter T. Visscher.** 2005. “Microbial lithification in marine stromatolites and hypersaline mats.” *Trends in Microbiology* **13** (September): 429-438.
- Dupré, John, & Stephan Guttinger.** 2016. “Viruses as living processes.” *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **59** (October): 109-116.
- Dupressoir, Anne, Cécile Vernochet, Olivia Bawa, Francis Harper, Gérard Pierron, Paule Opolon, & Thierry Heidmann.** 2009. “Syncytin-A knockout mice demonstrate the critical role in placentation of a fusogenic, endogenous retrovirus-derived, envelope gene.” *Proceedings of the National Academy of Sciences* **106** (21 July): 12127-12132.
- Dupret, Vincent, Sophie Sanchez, Daniel Goujet, Paul Tafforeau, & Per E. Ahlberg.** 2014. “A primitive placoderm sheds light on the origin of the jawed vertebrate face.” *Nature* **507** (27 March): 500-503.
- Durán, Ana C., Borja Fernández, Adrian C. Grimes, Cristina Rodríguez, Josep M. Arqué, & Valentin Sans-Coma.** 2008. “Chondrichthyans have a bulbous arteriosus at the arterial pole of the heart: morphological and evolutionary implications.” *Journal of Anatomy* **213** (November): 597-606.
- Duran, Dante.** 2014. “Cane Toad Gives Evolutionists Queasy Stomachs.” *The Creation Club* 29 August posting (online text at thecreationclub.com accessed 3/22/2015).
- Durand, Eléonore, Raphaël Méheust, Marion Soucaze, Pauline M. Goubet, Sophie Gallina, Céline Poux, Isabelle Fobis-Loisy, Eline Guillon, Thierry Gaude, Alexis Sarazin, Martin Figeac, Elisa Prat, William Marande, Hélène Bergès, Xavier Vekemans, Sylvain Billiard, & Vincent Castric.** 2014. “Dominance hierarchy arising from the evolution of a complex small RNA regulatory network.” *Science* **346** (5 December): 1200-1205.
- Durand, Eric, Abdelrahim Zoued, Silvia Spinelli, Paul J. H. Watson, Marie-Stéphanie Aschtgen, Laure Journet, Christian Cambillau, & Eric Cascades.** 2012. “Structural Characterization and Oligomerization of the TssL Protein, a Component Shared by Bacterial Type VI and Type IVb Secretion Systems.” *The Journal of Biological Chemistry* **287** (20 April): 14157-14168.
- Durand, Maurice, Nguyen Thanh Thuong, & Jean Claude Maurizot.** 1992. “Binding of Netropsin to a DNA Triple Helix.” *The Journal of Biological Chemistry* **267** (5 December): 24394-24399.
- Durand, Pierre M., & Richard E. Michod.** 2010. “Genomics in the Light of Evolutionary Transitions.” *Evolution* **64** (June): 1533-1540.
- Durant, Graham P.** 1993. “Volcanic sediments of the East Kirkton Limestone (Viséan) of West

- Lothian, Scotland.” *Transactions of the Royal Society of Edinburgh: Earth Sciences* **84** (January): 203-207.
- Durant, Jayme.** 2012. “When God Says ‘Good’.” Institute for Creation Research *Acts & Facts* (May): 3.
- Durant, Will.** 1944. *The Story of Civilization: Part III. Caesar and Christ*. New York: Simon & Schuster.
- Durbin, William A.** 2003. “Negotiating the Boundaries of Science and Religion II: The Conversion of Allan Sandage.” *Zygon* **38** (March): 71-84.
- Dure, Beau.** 2016. “Flat-Earthers are back: ‘It’s almost like the beginning of a new religion’.” *The Guardian* posting 20 January (online text at theguardian.com accessed 7/22/2017).
- Duret, Laurent, & Nicholas Galtier.** 2009. “Comment on ‘Human-Specific Gain of Function in a Developmental Enhancer’.” *Science* **323** (6 February): 714.
- Duret, Laurent, Corinne Chureau, Sylvie Samain, Jean Weissenbach, & Philip Avner.** 2006. “The *Xist* RNA Gene Evolved in Eutherians by Pseudogenization of a Protein-Coding Gene.” *Science* **312** (16 June): 1653-1655.
- Durm, Mark W., & Massimo Pigliucci.** 1999. “Gould’s Separate ‘Magisteria’: Two Views.” *Skeptical Inquirer* **23** (November/December): 53-56.
- Durnford, D. G., J. A. Deane, S. Tan, G. I. McFadden, E. Gantt, & B. R. Green.** 1999. “A Phylogenetic Assessment of the Eukaryotic Light-Harvesting Antenna Proteins, with Implications for Plastid Evolution.” *Journal of Molecular Evolution* **48** (January): 48-68.
- Durr, Gerald.** 2001. “Evidence of the Flood in Fanklin County.” *Northwest Creation Network* undated posting (online text at www.nwcreation.net accessed 7/10/2008).
- Durrett, Richard, James P. Gleeson, Alun L. Lloyd, Peter J. Mucha, Feng Shi, David Sivakoff, Joshua E. S. Socolar, & Chris Varghese.** 2012. “Graph fission in an evolving voter model.” *Proceedings of the National Academy of Sciences* **109** (6 March): 3682-3687.
- Durrett, Richard, & Deena Schmidt.** 2007. “Waiting for regulatory sequences to appear.” *The Annals of Applied Probability* **17** (1): 1-32.
- . 2008. “Waiting for Two Mutations: With Applications to Regulatory Sequence Evolution and the Limits of Darwinian Evolution.” *Genetics* **180** (November): 1501-1509.
- . 2009. “Reply to Michael Behe.” *Genetics* **181** (February): 821-822.
- Durst, Dennis L.** 2002. “Evangelical Engagements With Eugenics, 1900-1940.” *Ethics & Medicine* **18** (Summer): 45-53.
- Durston, Kirk.** 2015a. “An Essential Prediction of Darwinian Theory is Falsified by Information Degredation.” Discovery Institute *Evolution News & Views* for 8 July (online text at evolutionnews.org accessed 7/8/2015).
- . 2015b. “Microevolution vs Macroevolution: Two Mistakes.” *Contemplations* undated posting (online text at p2c.com accessed 12/29/2015).
- . 2015c. “Should We Have Faith in Science?” Discovery Institute *Evolution News & Views* for 27 July (online text at evolutionnews.org accessed 1/2/2016).
- . 2015d. “It’s Time for Second Thoughts about Our Faith in Peer-Reviewed Research.” Discovery Institute *Evolution News & Views* for 30 July (online text at evolutionnews.org accessed 1/3/2016).
- . 2015e. “The Corrupting Influence of Scientism.” Discovery Institute *Evolution News & Views* for 7 August (online text at evolutionnews.org accessed 1/3/2016).
- . 2016a. “Why Past History Cannot Be Infinite: There Must Be a Beginning.” Discovery Institute *Evolution News & Views* for 5 March (online text at evolutionnews.org accessed 4/23/2016).
- . 2016b. “Probability Mistakes Darwinists Make.” Discovery Institute *Evolution News & Views* for 5 April (online text at evolutionnews.org accessed 4/23/2016).
- . 2016c. “Is the Earth the Most Special Planet in the Universe, After All?” Discovery Institute *Evolution News & Views* for 25 August (online text at evolutionnews.org accessed 9/2/2016).
- . 2017. “Could Atheism Survive the Discovery of Extraterrestrial Life?” Discovery

- Institute *Evolution News & Science Today* for 2 June (online text at *evolutionnews.org* accessed 6/24/2017).
- Durston, Kirk K., David K. Y. Chiu, David L. Abel, & Jack T. Trevors.** 2007. "Measuring the functional sequence complexity of proteins." *Theoretical Biology and Medical Modelling* (online @ tbiomed.com) **4** (December): 47.
- Durvasula, Arun, Andrea Fulgione, Rafal M. Gutaker, Selen Irez Alacakaptan, Pádraic J. Flood, Céilia Neto, Takashi Tsuchimatsu, Hernán A. Burbano, F. Xavier Picó, Carlos Alonso-Blanco, & Angela M. Hancock.** 2017. "African genomes illuminate the early history and transition to selfing in *Arabidopsis thaliana*." *Proceedings of the National Academy of Sciences* **114** (16 May): 5213-5218.
- Dury, G. H.** 1976. "Discharge prediction, present and former, from channel dimensions." *Journal of Hydrology* **30** (July): 219-245.
- Dusheck, Jennie.** 2002. "The Interpretation of Genes." *Natural History* **111** (October): 52-59.
- Duss, Olivier, Erich Michel, Maxim Yulikov, Mario Schubert, Gunnar Jeschke, & Frédéric H.-T. Allain.** 2014. "Structural basis of the non-coding RNA RsmZ acting as a protein sponge." *Nature* **509** (29 May): 588-592.
- Dutch, Steven I.** 2002. "Religion as Belief Versus Religion as Fact." *Journal of Geoscience Education* **50** (March): 137-144.
- . 2011a. "21st Century Geocentrism." Web page posting updated 25 March (online text at *www.uwgb.edu* accessed 6/14/2011).
- . 2011b. "Review: *Time Matters*." *Reports of the National Center for Science Education* **31** (May-June): 3.1-3.3.
- Dutcher, Susan K., & Emanuel C. Trabuco.** 1998. "The *UNI3* Gene Is Required for Assembly of Basal Bodies of *Chlamydomonas* and Encodes δ -Tubulin, a New Member of the Tubulin Superfamily." *Molecular Biology of the Cell* **9** (June): 1293-1308.
- Dutch News.* 2013. "13 psychiatric patients were helped to die last year." *DutchNews.nl* 6 November posting (online text at *www.dutchnews.nl* accessed 11/6/2013).
- Dutton, Audrey.** 2014. "New Boise creationist museum seeks to promote 'true science' by disputing evolution." *Idaho Statesman* (Boise, Idaho) posting 18 June: online text accessed 6/19/2014 (*www.idahostatesman.com*).
- Dutton, Edward, & Dimitri Van der Lindon.** 2017. "Why Is Intelligence Negatively Associated with Religiousness?" *Evolutionary Psychological Science* **3** (16 May): 1-12.
- Duval, Linda, Mathieu Fourment, Eric Nerrienet, Dominique Rousset, Serge A. Sadeuh, Steven M. Goodman, Nicole V. Andriaholinirina, Milijaona Randrianarivelosia, Richard E. Paul, Vincent Robert, Francesco J. Ayala, & Frédéric Arieu.** 2010. "African apes as reservoirs of *Plasmodium falciparum* and the origin and diversification of the *Laverania* subgenus." *Proceedings of the National Academy of Sciences* **107** (8 June): 10561-10566.
- Duveen, Jonathan, & Joan Solomon.** 1994. "The Great Evolution Trial: Use of Role-Play in the Classroom." *Journal of Research in Science Teaching* **31** (May): 575-582.
- Duvezin-Caubet, Stéphane, Matthieu Caron, Marie-France Giraud, Jaen Velours, & Jean-Paul di Rago.** 2003. "The two rotor components of yeast mitochondrial ATP synthase are mechanically coupled by subunit δ ." *Proceedings of the National Academy of Sciences* **100** (11 November): 13235-13240.
- Dvali, Georgi.** 2004. "Out of the Darkness." *Scientific American* **290** (February): 68-75.
- Dvorak, John J., Carl Johnson, & Robert I. Tilling.** 1992. "Dynamics of Kilauea Volcano." *Scientific American* **267** (August): 46-53.
- Dvořák, Petr, Dale A. Casamatta, Petr Hašler, & Aloisie Pouličková.** 2015. "Putative extremely long evolutionary stasis in bacteria might be explained by serial convergence." *Proceedings of the National Academy of Sciences* **112** (19 May): E2559.
- Dvorin, Jeffrey D., Derek C. Martyn, Saurabh D. Patel, Joshua S. Grimley, Christine R. Collins, Christine S. Hopp, A. Taylor Bright, Scott Westenberger, Elizabeth Winzeler, Michael J. Blackman, David A. Baker, Thomas J. Wandless, & Manoj T. Duraisingh.** 2010. "A Plant-Like Kinase in *Plasmodium falciparum* Regulates Parasite Egress from

- Erythrocytes.” *Science* **328** (14 May): 910-912.
- Dvorsky, George.** 2013. “Dinosaur DNA cannot be extracted from amber.” *io9* 13 September posting (online text at www.io9.com accessed 7/27/2014).
- . 2014. “The Top 10 Claims Made by Creationists to Counter Scientific Theories.” *io9* 5 December posting (online text at www.io9.com accessed 1/14/2015).
- . 2015. “8 Logical Fallacies That Fuel Anti-Science Sentiments.” *io9* 14 January posting (online text at www.io9.com accessed 1/14/2015).
- Dweck, Carol S.** 2009. “Why we don’t need built-in misbeliefs.” *Behavioral and Brain Sciences* **32** (6): 518-519.
- Dweck, Hany K. M., Markus Knaden, & Bill S. Hansson.** 2015. “Functional loss of yeast detectors parallels transition to herbivory.” *Proceedings of the National Academy of Sciences* **112** (10 March): 2927-2928.
- Dworkin, Jason P.** 1997. “Attempted Prebiotic Synthesis of Pseudouridine.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **27** (August): 345-355.
- Dworkin, Jason P., David W. Deamer, Scott A. Sandford, & Louis J. Allamandola.** 2001. “Self-assembling amphiphilic molecules: Synthesis in simulated interstellar/precometary ices.” *Proceedings of the National Academy of Sciences* **98** (30 January): 815-819.
- Dworkin, Jason P., Antonio Lazcano, & Stanley L. Miller.** 2003. “The roads to and from the RNA world.” *Journal of Theoretical Biology* **222** (7 May): 127-134.
- Dworkin, Jason P., & Stanley L. Miller.** 2000. “A Kinetic Estimate of the Free Aldehyde Content of Aldoses.” *Carbohydrate Research* **329** (3 November): 359-365.
- Dworkin, Martin, Stanley Falkow, Eugene Rosenberg, Karl-Heinz Schleifen, & Erko Stackebrandt,** eds. 2006. *The Prokaryotes, Volume 7: A Handbook on the Biology of Bacteria: Proteobacteria: Delta and Epsilon Subclasses. Deeply Rooted Bacteria.* New York: Springer.
- Dworkin, Ronald.** 1998. “Darwin’s New Bulldog.” *Harvard Law Review* **111** (May): 1718-1738.
- . 2013. *Religion Without God.* Cambridge, MA: Harvard University Press.
- Dwyer, Christina A., Francis Nimmo, & John E. Chambers.** 2015. “Bulk chemical and Hf-W isotopic consequences of incomplete accretion during planet formation.” *Icarus* **245** (1 January): 145-152.
- Dwyer, Greg, Jonathan Dushoff, & Susan Harrell Yee.** 2004. “The combined effects of pathogens and predators on insect outbreaks.” *Nature* **430** (15 July): 299-300.
- Dwyer, Mary A., Loren L. Looger, & Homme W. Hellinga.** 2004. “Computational Design of a Biologically Active Enzyme.” *Science* **304** (25 June): 1967-1971.
- Dyachuk, Vyacheslav, Alessandro Furlan, Maryam Khatibi Shahidi, Marcela Giovenco, Nina Kaukua, Chrysoula Konstantinidou, Vassilis Pachnis, Fatima Memic, Ulrika Marklund, Thomas Müller, Carmen Birchmeier, Kaj Fried, Patrik Ernfors, & Igor Adameyko.** 2014. “Parasympathetic neurons originate from nerve-associated peripheral glial progenitors.” *Science* **345** (4 July): 82-87.
- Dyall, Sabrina D., Mark T. Brown, & Patricia J. Johnson.** 2004. “Ancient Invasion: From Endosymbionts to Organelles.” *Science* **304** (9 April): 253-257.
- Dyall, Sabrina D., & Patricia J. Johnson.** 2000. “Origin of hydrogenosomes and mitochondria: evolution and organelle biogenesis.” *Current Opinion in Microbiology* **3** (1 August): 404-411.
- Dyck, M. G., W. Soon, R. K. Baydack, D. R. Legates, S. Baliunas, T. F. Ball, & L. O. Hancock.** 2007. “Polar bears of western Hudson Bay and climate change Are warming spring air temperatures the ‘ultimate’ survival control factor?” *Ecological Complexity* **4** (September): 73-84.
- . 2008. “Reply to response to Dyck et al. (2007) on polar bears and climate change in western Hudson Bay by Stirling et al. (2008).” *Ecological Complexity* **5** (December): 289-302.
- Dyer, Adrian G., Christa Neumeier, & Lars Chittka.** 2005. “Honeybee (*Apis mellifera*) vision can discriminate between and recognise images of human faces.” *The Journal of*

- Experimental Biology* **208** (15 December): 4709-4714.
- Dyer, Fred C.** 1997. "The Seat of Insect Learning?" *Natural History* **106** (September): 58-59.
- Dyer, Michael A., Rodrigo Martins, Manoel da Silva Filho, José Augusto P. C. Muniz, Luiz Carlos L. Silveira, Constance L. Cepko, & Barbara L. Finlay.** 2009. "Developmental sources of conservation and variation in the evolution of the primate eye." *Proceedings of the National Academy of Sciences* **106** (2 June): 8963-8968.
- Dyke, Gareth.** 2010. "Winged Victory." *Scientific American* **303** (July): 70-75.
- Dyke, Gareth, Roeland de Kat, Colin Palmer, Jacques van der Kindere, Darren Naish, & Bharathram Ganapathisubramani.** 2013. "Aerodynamic performance of the feathered dinosaur *Microraptor* and the evolution of feathered flight." *Nature Communications* (online @ nature.com) **4** (18 September): 2489.
- Dyke, Gareth J., & Gary W. Kaiser.** 2010. "Cracking a Developmental Constraint: Egg Size and Bird Evolution." *Records of the Australian Museum* **62** (3): 207-216.
- , eds. 2011. *Living Dinosaurs: The Evolutionary History of Modern Birds*. New York: John Wiley & Sons.
- Dyke, Gareth J., & Mark A. Norell.** 2005. "*Caudipteryx* as a non-avian theropod rather than a flightless bird." *Acta Palaeontologica Polonica* **50** (1): 101-116.
- Dyke, G. J., R. L. Nudds, & J. M. V. Rayner.** 2006. "Flight of *Sharovipteryx mirabilis*: the world's first delta-winged glider." *Journal of Evolutionary Biology* **19** (July): 1040-1043.
- Dykeman, Eric C., Peter G. Stockley, & Reidun Twarock.** 2014. "Solving a Levinthal's paradox for virus assembly identifies a unique antiviral strategy." *Proceedings of the National Academy of Sciences* **111** (8 April): 5361-5366.
- Dymond, Jack, & Lewis Hogan.** 1974. "The effects of deep-sea volcanism on the noble gas concentration of ocean water." *Journal of Geophysical Research (Oceans and Atmospheres)* **79** (20 February): 877-879.
- Dymond, Jessica S., Sarah M. Richardson, Candice E. Coombes, Timothy Babatz, Héloïse Muller, Narayana Annaluru, William J. Blake, Joy W. Scherwzmann, Junbiao Dai, Derek L. Lindstrom, Annabel C. Boeke, Daniel E. Gottschling, Srinivasan Chandrasegaran, Joel S. Bader, & Jef D. Boeke.** 2011. "Synthetic chromosome arms function in yeast and generate phenotypic diversity by design." *Nature* **477** (22 September): 471-476.
- Dymond, Simon, Mark Haselgrove, & Anthony McGregor.** 2013. "Clever crows or unbalanced birds?" *Proceedings of the National Academy of Sciences* **110** (29 January): E336.
- Dyson, Emily A., & Gregory D. D. Hurst.** 2004. "Persistence of an extreme sex-ratio bias in a natural population." *Proceedings of the National Academy of Sciences* **101** (27 April): 6520-6523.
- Dyson, Freeman.** 1985. *Origins of Life*. Cambridge: Cambridge University Press.
- . 2000. "Progress in Religion." *EDGE* 15 May "EDGE 68" posting (online text accessed 12/30/2014 at edge.org).
- . 2012. "Is Science Mostly Driven by Ideas or by Tools?" *Science* **338** (14 December): 1426-1427.
- Džidić, Senka, Jagoda Šušković, & Blaženka Kos.** 2008. "Antibiotic Resistance Mechanisms in Bacteria: Biochemical and Genetic Aspects." *Food Technology and Biotechnology* (Croatia) **46** (1): 11-21.
- Dziewonski, Adam M.** 1984. "Mapping the lower mantle: Determination of lateral heterogeneity in *P* velocity up to degree and order 6." *Journal of Geophysical Research* **89** (10 July): 5929-5952.
- . 2004. "Global Seismic Tomography: What we really can say and what we make up." *Mantle Plumes* posting (online pdf at www.mantleplumes.org accessed 7/3/2015).
- Dzik, Jerzy.** 1994. "Evolution of 'small shelly fossils' assemblages of the early Paleozoic." *Acta Palaeontologica Polonica* **39** (3): 247-313.
- . 1995. "*Yunnanozoon* and the ancestry of the chordates." *Acta Palaeontologica Polonica* **40** (4): 341-360.

- . 1996. “An extreme case of sexual dimorphism in ammonites.” *Acta Palaeontologica Polonica* **41** (1): 89-90.
- . 1999. “Organic membranous skeleton of the Precambrian metazoans from Namibia.” *Geology* **27** (June): 519-522.
- . 2002a. “Possible ctenophoran affinities of the precambrian ‘sea-pen’ *Rangea*.” *Journal of Morphology* **252** (June): 315-334.
- . 2002b. “Early diversification of organisms in the fossil record,” in Pályi *et al.* (2002, 219-248).
- . 2003. “Anatomical Information Content in the Ediacaran Fossils and Their Possible Zoological Affinities.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 114-126.
- . 2005. “Behavioral and anatomical unity of the earliest burrowing animals and the cause of the ‘Cambrian explosion’.” *Paleobiology* **31** (September): 503-521.
- . 2007. “The Verdun Syndrome: simultaneous origin of protective armour and infaunal shelters at the Precambrian-Cambrian transition.” *Geological Society, London, Special Publications* **286**: 405-414.
- . 2011. “The xenusian-to-anomalocaridid transition within the lobopodians.” *Bollettino della Società Paleontologica Italiana* **50** (1): 65-74.
- Dzik, Jerzy, & Tomasz Sulej.** 2016. “An early Late Triassic long-necked reptile with a bony pectoral shield and gracile appendages.” *Acta Palaeontologica Polonica* **61** (4): 805-823.
- D’Zurilla, Christie.** 2012. “Angus T. Jones bashes ‘Two and a Half Men,’ calls it ‘filth’.” *Los Angeles Times* posting 26 November: online text accessed 12/2/2012 (www.latimes.com).

- Eads, Brian D., Dai Tsuchiya, Justen Andrews, Michael Lynch, & Miriam E. Zolan.** 2012. "The spread of a transposon insertion in *Rec8* is associated with obligate asexuality in *Daphnia*." *Proceedings of the National Academy of Sciences* **109** (17 January): 858-863.
- Eager, Diane, & John Mackay.** 2012. "Fire Breathing Dragons: How could dragons/dinosaurs breathe out flames without burning themselves?" *AskJohnMackay* 4 April posting (online text at askjohnmackay.com accessed 5/18/2015).
- Eagle, Robert A., Thomas Tütken, Taylor S. Martin, Aradhna K. Tripathi, Henry C. Fricke, Melissa Connely, Richard L. Cifelli, & John M. Eiler.** 2011. "Dinosaur Body Temperatures Determined from Isotopic (^{13}C - ^{18}O) Ordering in Fossil Biominerals." *Science* **333** (22 July): 443-445.
- Eagle Forum.* 2002. "Origins of Life Debate." Eagle Forum *Urgent Action* posting (online text at www.eagleforum.org accessed 3/15/2002).
- Eagleman, David M.** 2001. "Visual illusions and neurobiology." *Nature Reviews Neuroscience* **2** (December): 920-926.
- . 2008. "Human time perception and its illusions." *Current Opinion in Neurobiology* **18** (April): 131-136.
- . 2009. "Brain Time," in Brockman (2009, 156-169).
- Eagleman, David M., & Terrence J. Sejnowski.** "Motion Integration and Postdiction in Visual Awareness." *Science* **287** (17 March): 2036-2038.
- Eakin, C. Mark.** 2014. "Lamarck was partially right—and that is good for corals." *Science* **344** (23 May): 798-799.
- Eames, B. Frank, & Richard A. Schneider.** 2008. "The genesis of cartilage size and shape during development and evolution." *Development (AKA Journal of Embryology and Experimental Morphology)* **135** (1 December): 3947-3958.
- Earls, Jasmine.** 2011. "Vandals target professors' vehicles." *The Independent Florida Alligator* 26 July posting (online text at www.alligator.org accessed 8/10/2011).
- East Durham College.* 2013. "History Of The Houghall Campus." *East Durham College* undated posting (online text at www.eastdurham.ac.uk accessed 2/22/2014).
- Easterbrook, Gregg.** 1988. "Are We Alone?" *The Atlantic* **262** (August): 25-38.
- . 1997. "Science and God: A Warming Trend?" *Science* **277** (15 August): 890-893.
- . 1999. "The Scopes Trial vs. 'Inherit the Wind'." *Beliefnet* December posting (online text at beliefnet.com accessed 1/4/2014).
- . 2000. "The New Fundamentalism." *Wall Street Journal* (8 August) Discovery Institute *Center for Science & Culture* posting (online text at discovery.org accessed 5/26/2014).
- . 2001. "'Bullied and Brainwashed'." *Beliefnet* September posting (online text at beliefnet.com accessed 5/26/2014).
- . 2006. "The Trouble With String Theory." *Slate.com* posting 14 September (online text at www.slate.com accessed 5/26/2014).
- Easterlin, Richard A., Laura Angelescu McVey, Malgorzata Switek, Onnicha Sawangfa, & Jacqueline Smith Zweig.** 2010. "The happiness-income paradox revisited." *Proceedings of the National Academy of Sciences* **107** (28 December): 22463-22468.
- Eastman, Jonathan M., & Andrew Storfer.** 2011. "Correlations of Life-History and Distributional-Range Variation with Salamander Diversification Rates: Evidence for Species Selection." *Systematic Biology* **60** (July): 503-518.
- Easton, Judith A., Lucas D. Schipper, & Todd K. Shackelford.** 2006. "Why the adaptationist perspective must be considered: The example of morbid jealousy." *Behavioral and Brain Sciences* **29** (August): 411-412.
- Easton, W. H., & R. C. Gutschick.** 1953. "Corals from the Redwall Limestone (Mississippian) of Arizona." *Bulletin, Southern California Academy of Sciences* **52** (1): 1-27.
- Eastwood, Daniel C., Dimitrios Floudas, Manfred Binder, Andrzej Majcherzyk, Patrick Schneider, Andrea Aerts, Fred O. Asiegbu, Scott E. Baker, Kerrie Berry, Mika Bendiksby, Melanie Blumentritt, Pedro M. Coutinho, Dan Cullen, Ronald P. de Vries, Allen Gathman, Barry Goodell, Bernard Henrissat, Katarina Ihrmark, Hävard Kausrud, Annegret Kohler, Kurt LaButti, Alla Lapidus, José L. Lavin, Yong-Hwan**

- Lee, Erika Lindquist, Walt Lilly, Susan Lucas, Emmanuelle Morin, Claude Murat, José A. Oguiza, Jongsun Park, Antonio G. Pisabarro, Robert Riley, Anna Rosling, Asaf Salamov, Olaf Schmidt, Jeremy Schmutz, Inger Skrede, Jan Stenlid, Ad Wiebenga, Xinfeng Xie, Ursula Kües, David S. Hibbett, Dirk Hoffmeister, Nils Högborg, Francis Martin, Igor V. Grigoriev, & Sarah C. Watkinson.** 2011. "The Plant Cell-Wall Decomposing Machinery Underlies the Functional Diversity of Forest Fungi." *Science* **333** (5 August): 762-765.
- Eastwood, Erin.** 2008. "Pangean Paleoclimate." *GEO 387H* 18 November lecture posting (online pdf at www.geo.utexas.edu accessed 9/23/2013).
- Eastwood, Erin N., Gary Kocurek, David Mohrig, & Travis Swanson.** 2012. "Methodology for reconstructing wind direction, wind speed and duration of wind events from aeolian cross-strata." *Journal of Geophysical Research* **117** (21 September): F03035.
- Eastwood, Justin R., Mathew L. Berg, Raoul F. H. Ribot, Shane R. Roldal, Katharine L. Buchanan, Ken R. Walder, & Andrew T. D. Bennett.** 2014. "Phylogenetic analysis of beak and feather disease virus across a host ring-species complex." *Proceedings of the National Academy of Sciences* **111** (30 September): 14153-14158.
- Easwaran, Kenny, & Bradley Monton.** 2012. "Mixed strategies, uncountable times, and Pascal's Wager: a reply to Robertson." *Analysis* **72** (October): 681-685.
- Eaton, Dave.** 2005. "Students Should Learn the Weak Points of Evolutionary Theory, Too." *StarTribune* (Minneapolis, Minnesota) 24 April Discovery Institute *Center for Science & Culture* posting (online text at discovery.org accessed 5/26/2014).
- Eaton, Jeffrey G., & Richard L. Cifelli.** 1988. "Preliminary report on Late Cretaceous mammals of the Kaiparowits Plateau, southern Utah." *Geology* **26** (December): 45-55.
- Eaton, Jeffrey G., Richard L. Cifelli, J. Howard Hutchison, James I. Kirkland, & J. Michael Parrish.** 1999. "Cretaceous Vertebrate Faunas from the Kaiparowits Plateau, South-Central Utah," in Gillette (1999, 345-353).
- Eaton, Joshua.** 2013. "Yes, the Navy Yard Shooter Was a Buddhist." *Religion Dispatches* 18 September posting (online text at religiondispatches.org accessed 10/1/2013).
- Eaves, Morris, & Rachel Lee.** 2009. "Diagrams of Communication." *Nfomedia* PowerPoint presentation (online pdf at www.nfomedia.com accessed 7/4/2011).
- Eben, Deitmar.** 2010. "The Search for a Search - Measuring the Information Cost of Higher Level Search." *RationalWiki* posting updated 8 October (online text at rationalwiki.org accessed 8/26/2011).
- Eberhard, William G.** 2009. "Postcopulatory sexual selection: Darwin's omission and its consequences." *Proceedings of the National Academy of Sciences* **106** (16 June): 10025-10032.
- . 2010. "Rapid Divergent Evolution of Genitalia: Theory and Data Updated," in Leonard & Córdoba-Aguilar (2010, 40-78).
- Eberhard, William G., & Bernhard A. Huber.** 2010. "Spider Genitalia: Precise Manuevers with a Numb Structure in a Complex Lock," in Leonard & Córdoba-Aguilar (2010, 249-284).
- Eberle, Jaelyn J.** 1999. "Bridging the Transition between Didelphodonts and Taeniodonts." *Journal of Paleontology* **73** (September): 936-944.
- Eberle, Jaelyn J., Henry C. Fricke, John D. Humphrey, Logan Hackett, Michael G. Newbrey, & J. Howard Hutchison.** 2010. "Seasonal variability in Arctic temperatures during early Eocene time." *Earth and Planetary Science Letters* **296** (1 August): 481-486.
- Eberle, Jaelyn J., & David R. Greenwood.** 2012. "Life at the top of the greenhouse Eocene world—A review of the Eocene flora and vertebrate fauna from Canada's High Arctic." *The Geological Society of America GSA Bulletin* **124** (January/February): 3-23.
- Ebersberger, Ingo, Petra Galgoczy, Stefan Taudien, Simone Taenzer, Matthias Platzer, & Arndt von Haeseler.** 2007. "Mapping Human Genetic Ancestry." *Molecular Biology and Evolution* **24** (October): 2266-2276.
- Ebersberger, Ingo, Dirk Metzler, Carsten Schwarz, & Svante Pääbo.** 2002. "Genomewide Comparison of DNA Sequences between Humans and Chimpanzees." *The American*

- Journal of Human Genetics* **70** (June): 1490-1497.
- Ebert, Dieter.** 2011. "A Genome for the Environment." *Science* **331** (4 February): 539-540.
- Ebert, Dieter, & William D. Hamilton.** 1996. "Sex against virulence: the coevolution of parasitic diseases." *Trends in Ecology & Evolution* **11** (February): 79-82.
- Ebert, Roger.** 2011. "I Am." *Roger Ebert* 21 April film review posting (online text at rogerebert.suntimes.com accessed 5/3/2012).
- Eberth, David A., David C. Evans, Donald B. Brinkman, François Therrien, Darren H. Tanke, & Lorris S. Russell.** 2013. "Dinosaur biostratigraphy of the Edmonton Group (Upper Cretaceous), Alberta, Canada: evidence for climate influence." *Canadian Journal of Earth Sciences* **50** (July): 701-706.
- Eble, Gunther J.** 1999. "On the dual nature of chance in evolutionary biology and paleobiology." *Paleobiology* **25** (January): 75-87.
- Ebon, Martin.** 1974. *The Devil's Bride: Exorcism, Past and Present*. New York: Harper & Row.
- , ed. 1976. *The Satan Trap: Dangers of the Occult*. Garden City, NY: Doubleday.
- Ebstein, Richard P., Olga Novick, Roberto Umansky, Beatrice Priel, Yamima Osher, Darren Blaine, Estelle R. Bennett, Lubiv Nemanov, Miri Katz, & Robert H. Belmaker.** 1996. "Dopamine D4 receptor (D4DR) exon III polymorphism associated with the human personality trait of Novelty Seeking." *Nature Genetics* **12** (January): 78-80.
- Eby, Hazel.** 2015. "Hidden in Plain Sight (Beast-vs-Survivor)." *Beast vs Survivor* undated posting (online text at beast-vs-survivor.com accessed 7/7/2015).
- Echols, Nathaniel, Paul Harrison, Suganthi Balasubramanian, Nicholas M. Luscombe, Paul Bertone, Zhaolei Zhang, & Mark Gerstein.** 2002. "Comprehensive analysis of amino acid and nucleotide composition in eukaryotic genomes, comparing genes and pseudogenes." *Nucleic Acids Research* **30** (1 June): 2525-2523.
- Ecker, Ronald L.** 1990. *Dictionary of Science & Creationism*. Buffalo, NY: Prometheus Books.
- Eckardt, Nancy A.** 2006. "Genomic Hopschotch: Gene Transfer from Plastid to Nucleus." *The Plant Cell* **18** (November): 2865-2867.
- Eckhardt, Robert B., Maciej Henneberg, Sakdapong Chavanaves, Alexander S. Weller, & Kenneth J. Hsü.** 2015. "Reply to Westaway et al.: Mandibular misrepresentations fail to support the invalid species *Homo floresiensis*." *Proceedings of the National Academy of Sciences* **112** (17 February): E606.
- Eckhardt, Robert B., Maciej Henneberg, Alex S. Weller, & Kenneth J. Hsü.** 2014. "Evolved developmental homeostasis disturbed in LB1 from Flores, Indonesia, denotes Down syndrome and not diagnostic traits of the invalid species *Homo floresiensis*." *Proceedings of the National Academy of Sciences* **111** (19 August): 11967-11972.
- Eckhart, Leopold, Luisa Dalla Valle, Karin Jaeger, Claudia Ballaun, Sandra Szabo, Alessia Nardi, Maria Buchberger, Marcela Hermann, Lorenzo Alibardi, & Erwin Tschachler.** 2008. "Identification of reptilian genes encoding hair keratin-like proteins suggests a new scenario for the evolutionary origin of hair." *Proceedings of the National Academy of Sciences* **105** (25 November): 18419-18423.
- Eckholm, Erik.** 2011a. "Planned Parenthood Financing Is Caught in Budget Feud." *The New York Times* posting 17 February: online text accessed 2/24/2011 (www.nytimes.com).
- . 2011b. "Using History to Mold Ideas on the Right." *The New York Times* posting 4 May: online text accessed 5/13/2011 (www.nytimes.com).
- Eckland, Eric H., & David P. Bartel.** 1996. "RNA-catalysed RNA polymerization using nucleotide triphosphates." *Nature* **382** (25 July): 373-376.
- Eckland, Eric H., Jack W. Szostak, & David P. Bartel.** 1995. "Structurally Complex and Highly Active RNA Ligases Derived from Random RNA Sequences." *Science* **269** (21 July): 364-370.
- Ecklund, Elaine Howard, Jerry Z. Park, & Katherine L. Sorrell.** 2011. "Scientists Negotiate Boundaries Between Religion and Science." *Journal for the Scientific Study of Religion* **50** (September): 552-569.
- Ecklund, Elaine Howard, & Christopher P. Scheitle.** 2007. "Religion among Academic

- Scientists: Distinctions, Disciplines, and Demographics.” *Social Problems* **54** (May): 289-307.
- . 2014. “Religious Communities, Science, Scientists, and Perceptions: A Comprehensive Survey.” 16 February posting (online pdf at *static1.squarespace.com* accessed 3/20/2015).
- Ecological Society of America*. 2000. “Evolving into the New Century: The Controversy Over Creationism Continues.” *Ecological Society of America News* 71 (Fall) posting (online text at *esa.sdsc.edu/newst1.htm* accessed 1/11/2002, not available as of 2/1/2014).
- The Economist*. 2010. “The fine-structure constant and the nature of the universe: Ye cannae change the laws of physics. Or can you?” *The Economist* 31 August posting (online text at *www.economist.com* accessed 2/8/2013).
- . 2016. “Of bairns and brains.” *The Economist* 28 May posting (online text at *www.economist.com* accessed 6/4/2016).
- Eddy, Sarah I., Alison J. Crowe, Mary Pat Wenderoth, & Scott Freeman**. 2013. “How should we teach tree-thinking? An experimental test of two hypotheses.” *Evolution: Education & Outreach* (online @ *evolution-outreach.com*) **6**: 13.
- Eddy, Sean R.** 2012. “The C-value Paradox, Junk DNA, and ENCODE.” *Current Biology* **22** (6 November): R898.
- . 2013. “The ENCODE project: Missteps overshadowing a success.” *Current Biology* **23** (8 April): R259-R261.
- Ede, Andrew**. 2000. “Has Science Education Become an Enemy of Scientific Rationality?” *Skeptical Inquirer* **24** (July/August): 48-51.
- Edelaar, Pim**. 2013. “Comment on ‘Evolutionary Trade-Offs, Pareto Optimality, and the Geometry of Phenotype Space’.” *Science* **339** (15 February): 757.
- Edelman, Gerald M.** 2003. “Naturalizing consciousness: A theoretical framework.” *Proceedings of the National Academy of Sciences* **100** (29 April): 5520-5524.
- Edelman, Gerald M., & Joseph A. Gally**. 2001. “Degeneracy and complexity in biological systems.” *Proceedings of the National Academy of Sciences* **98** (20 November): 13763-13768.
- Edelman, J. B., & M. J. Denton**. 2007. “The uniqueness of biological self-organization: challenging the Darwinian paradigm.” *Biology and Philosophy* **22** (September): 579-601.
- Edelman, Nathaniel B., Tanja Fritz, Simon Nimpf, Paul Pichler, Mattias Lauwers, Robert W. Hickman, Artemis Papadaki-Anastasopoulou, Lyubov Ushakova, Thomas Heuser, Guenter P. Resch, Martin Saunders, Jerry A. Shaw, & David A. Keays**. 2015. “No evidence for intracellular magnetite in putative vertebrate magnetoreceptors identified by magnetic screening.” *Proceedings of the National Academy of Sciences* **112** (6 January): 262-267.
- Edelmann, Achim, James Moody, & Ryan Light**. 2017. “Disparate foundations of scientists’ policy positions on contentious biomedical research.” *Proceedings of the National Academy of Sciences* **114** (13 June): 6262-6267.
- Edelson, Larry**. 2012. “The Great Betrayal of 2012.” *Townhall Daily* for 3 February (online text via *TownHallmail.com* accessed 2/3/2012).
- Edelson, Micah, Tali Sharot, Raymond J. Dolan, & Yadin Dudai**. 2011. “Following the Crowd: Brain Substrates of Long-Term Memory Conformity.” *Science* **333** (1 July): 106-111.
- Edelstein-Keshet, Leah**. 2017. “How the lizard gets its speckled scales.” *Nature* **544** (13 April): 170-171.
- Eden, Amir, François Gaudet, & Rudolf Jaenisch**. 2003. “Response to Comment on ‘Chromosomal Instability and Tumors Promoted by DNA Hypomethylation’ and ‘Induction of Tumors in Mice by Genomic Hypomethylation’.” *Science* **302** (14 November): 1153.
- Eden, Dan**. 2009. “Ancient Human Metropolis Found in Africa.” *ViewZone* posting (online text at *viewzone2.com* accessed 5/9/2010).
- . 2013. “Noah’s Ark Has Been Found. Why Are They Keeping Us In The Dark?” *ViewZone* 13 December posting (online text at *www.sunnyskyz.com* accessed 12/15/2015).
- Eder, Erich, Katharina Turic, Nobert Milasowszky, Katherine Van Adzin, & Andreas**

- Hergovich.** 2011. “The Relationship Between Paranormal Belief, Creationism, Intelligent Design and Evolution at Secondary Schools in Vienna (Austria).” *Science & Education* **20** (May): 517-534.
- Eder, Stephan N. K., Hervé Cadiou, Airina Muhamad, Peter A. McNaughton, Joseph L. Kirschvink, & Michael Winklhofer.** 2012. “Magnetic characterization of isolated candidate vertebrate magnetoreceptor cells.” *Proceedings of the National Academy of Sciences* **109** (24 July): 12022-12027.
- Ederer, M. M., R. L. Crawford, R. P. Herwig, & C. S. Orser.** 1997. “PCP degradation is mediated by closely related strains of the genus *Sphingomonas*.” *Molecular Ecology* **6** (January): 39-49.
- Edey, Maitland A., & Donald C. Johanson.** 1989. *Blueprints: Solving the Mystery of Evolution*. 1990 pb ed. New York: Penguin Books.
- Edgar, Blake.** 2000. “Whose Past Is It, Anyway?” *Scientific American* **283** (July): 106-107.
- Edgecombe, Gregory D.** 2009. “Palaeontological and Molecular Evidence Linking Arthropods, Onychophorans, and other Ecdysozoa.” *Evolution: Education & Outreach* **2** (June): 178-190.
- Edgecombe, Gregory D., Diego C. García-Bellido, & John R. Paterson.** 2011. “A new leanchoilid megachereiran arthropod from the lower Cambrian Emy Bay Shale, South Australia.” *Acta Palaeontologica Polonica* **56** (2): 385-400.
- Edgecombe, Gregory D., & Gonzalo Giribet.** 2007. “Evolutionary Biology of Centipedes (Myriapoda: Chilopoda).” *Annual Review of Entomology* **52**: 151-170.
- Edgecombe, Gregory D., Xiaoya Ma, & Nicholas J. Strausfeld.** 2015. “Unlocking the early fossil record of the arthropod central nervous.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (December): 20150038.
- Edgell, David R., Venkata R. Chalamcharla, & Marlene Belfort.** 2011. “Learning to live together: mutualism between self-splicing introns and their hosts.” *BMC Biology* (online @ biomedcentral.com) **9** (11 April): 22.
- Edgell, David R., & W. Ford Doolittle.** 1997. “Archaea and the Origin(s) of DNA Replication Proteins.” *Cell* **89** (27 June): 995-998.
- Edgemon, Erin.** 2015. “Anti-evolution legislation introduced in Alabama House.” *Political Moll* 7 May posting (online text at politicalmoll.com accessed 6/1/2015).
- Edger, Patrick P., Hanna M. Heidel-Fischer, Michaël Bekaert, Jadranka Rota, Gernot Glöckner, Adrian E. Platts, David G. Heckel, Joshua P. Der, Eric K. Wafula, Michelle Tang, Johannes A. Hofberger, Ann Smithson, Jocelyn C. Hall, Matthieu Blanchette, Thomas E. Bureau, Stephen I. Wright, Claude W. dePamphilis, M. Eric Schranz, Michael S. Barker, Gavin C. Conant, Niklas Wahlberg, Heiko Vogel, J. Chris Pires, & Christopher W. Wheat.** 2015. “The butterfly plant arms-race escalated by gene and genome duplications.” *Proceedings of the National Academy of Sciences* **112** (7 July): 8362-8366.
- Edgeworth, Julie A., Nathalie Gros, Jack Alden, Susan Joiner, Jonathan D. F. Wadsworth, Jackie Lineham, Sebastian Brandner, Graham S. Jackson, Charles Weissmann, & John Collinge.** 2010. “Spontaneous generation of mammalian prions.” *Proceedings of the National Academy of Sciences* **107** (10 August): 14402-14406.
- Edis, Taner.** 1994. “Islamic Creationism in Turkey.” *Creation/Evolution* **14** (Summer): 1-12.
- . 1999. “Cloning Creationism in Turkey.” *Reports of the National Center for Science Education* **19** (November-December): 30-35.
- . 2001. “Darwin in Mind: ‘Intelligent Design’ Meets Artificial Intelligence.” *Skeptical Inquirer* **25** (March/April): 35-39.
- . 2002. *The Ghost in the Universe: God in Light of Modern Science*. Amherst, NY: Prometheus Books.
- . 2009. “Endorsing the compatibility of science and religion.” *The Secular Outpost* posting 25 April (online text at secularoutpost.infidels.org accessed 4/28/2009).
- . 2017. “A Muslim Version of New Atheism.” *Free Inquiry* article posting by *Council for Secular Humanism* (online text at secularhumanism.org accessed 7/1/2017).

- Edlund, John E., Brad J. Sagarin, & Brian S. Johnson.** 2007. "Reciprocity and the belief in a just world." *Personality and Individual Differences* **43** (April): 589-596.
- Edmonson, Tom, Steve Taylor, & Andy McIntosh.** 2000. "McIntosh, Taylor and Edmondson Reply to Flood Models." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **14** (3): 80-82.
- EDP Biotech.** 2012a. "Management Team." *EDP Biotech Corporation* website posting (online text at www.edpbiotech.com accessed 1/31/2013).
- . 2012b. "Technical Publications." *EDP Biotech Corporation* website posting (online text at www.edpbiotech.com accessed 1/31/2013).
- Edrett, James S., David R. Greenwood, Ian C. Harding, & Matthew Huber.** 2009. "Increased seasonality through the Eocene to Oligocene transition in northern high latitudes." *Nature* **459** (18 June): 969-973.
- Edrett, James S., Ian C. Harding, Paul A. Wilson, Emily Butler, & Andrew P. Roberts.** 2007. "Continental ice in Greenland during the Eocene and Oligocene." *Nature* **446** (8 March): 176-179.
- Education Week.** 2016. "Map: Tracking the Common Core State Standards." *Education Week* 27 October updated posting (online text at www.edweek.org accessed 11/7/2016).
- Edvardsen, Rolf B., Hee-Chan Seo, Marit F. Jensen, Antoine Mialon, Jana Mikhaleva, Marianne Bjordal, Jérôme Cartry, Richard Reinhardt, Jean Weissenbach, Patrick Wincker, & Daniel Chourrout.** 2005. "Remodeling of the homeobox gene complement in the tunicate *Oikopleura dioica*." *Current Biology* **15** (11 January): R12-R13.
- Edward, Dominic A., Claudia Fricke, & Tracey Chapman.** 2010. "Adaptations to sexual selection and sexual conflict: insights from experimental evolution and artificial selection." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (August): 2541-2548.
- Edwards, David.** 2013. "Beck: 'Forces of spiritual darkness' at CNN plotted Blitzer's atheist gaffe." *The Raw Story* 23 May posting (online text at www.rawstory.com accessed 6/6/2013).
- . 2014a. "Tom DeLay: People keep forgetting that God 'wrote the Constitution'." *The Raw Story* 20 February posting (online text at www.rawstory.com accessed 2/22/2014).
- . 2014b. "'League of the South' official: Teaching evolution is 'an act of disloyalty to America'." *The Raw Story* 20 March posting (online text at www.rawstory.com accessed 5/23/2014).
- . 2014c. "NC church members indicted for kidnapping, beating gay man to cure 'homosexual demons'." *The Raw Story* 10 December posting (online text at www.rawstory.com accessed 12/12/2014).
- . 2015a. "Ben Carson: Religion is needed to interpret science because 'maybe it's just propaganda'." *The Raw Story* 1 March posting (online text at www.rawstory.com accessed 3/2/2015).
- . 2015b. "Michele Bachmann explains 'God's time clock': Iran nuclear deal makes 'Christ's return imminent'." *The Raw Story* 13 April posting (online text at www.rawstory.com accessed 4/13/2015).
- . 2015c. "Sarah Palin blows her top over Duggars coverage: 'Pervert' liberals 'spit on the graves of every American' soldier." *The Raw Story* 4 June posting (online text at www.rawstory.com accessed 6/4/2015).
- . 2015d. "Pastor Jim Bakker blames Obama's Iran deal for California's drought and the Second Coming of Christ." *The Raw Story* 16 July posting (online text at www.rawstory.com accessed 7/16/2015).
- . 2015e. "Texas lawyer exposes religious hiring test for peace officers: County only wanted Baptist constables." *The Raw Story* 7 September posting (online text at www.rawstory.com accessed 9/9/2015).
- . 2015f. "Mike Huckabee: Dred Scott decision 'is still the law of the land' regardless of 14th Amendment." *The Raw Story* 10 September posting (online text at www.rawstory.com accessed 9/11/2015).

- . 2015g. “Rick Santorum: Kim Davis is like victim of the Columbine massacre.” *The Raw Story* 16 September posting (online text at www.rawstory.com accessed 9/11/2015).
- . 2015h. “Marsha Blackburn invents new way to deny global warming: Humans are not ‘the cause of carbon emissions’.” *The Raw Story* 24 September posting (online text at www.rawstory.com accessed 10/3/2015).
- . 2015i. “Favorite Duggar pastor John Piper: Sex is only for Christians and everyone else is a prostitute.” *The Raw Story* 1 October posting (online text at www.rawstory.com accessed 10/5/2015).
- . 2015j. “WATCH: Confederate activist explains why it’s ‘anti-Semitic’ to remove racist symbol from Mississippi flag.” *The Raw Story* 12 October posting (online text at www.rawstory.com accessed 10/12/2015).
- . 2015k. “High school football coach says ‘agreement with God’ authorizes him to lead team prayers.” *The Raw Story* 15 October posting (online text at www.rawstory.com accessed 10/17/2015).
- . 2015l. “Christian pregnancy centers freak out after California turns tables and forces them to disclose abortion rights.” *The Raw Story* 5 November posting (online text at www.rawstory.com accessed 11/5/2015).
- . 2015m. “Christians at Texans prayer vigil rip up atheists’ plea for ‘amicable solution’ to city park cross.” *The Raw Story* 16 November posting (online text at www.rawstory.com accessed 11/16/2015).
- . 2015n. “WATCH: Joy Behar leaves Kirk Cameron’s sister dumbstruck by asking her to defend creationism.” *The Raw Story* 18 November posting (online text at www.rawstory.com accessed 11/24/2015).
- . 2015o. “Tennessee school wins right to ban gays and women who’ve had sex: ‘This is who we are’.” *The Raw Story* 9 December posting (online text at www.rawstory.com accessed 12/9/2015).
- . 2015p. “This NPR talk with Ted Cruz illustrates perfectly why he’s dumber than your kindergartner on climate change.” *The Raw Story* 9 December posting (online text at www.rawstory.com accessed 12/9/2015).
- . 2015q. “Televangelist: God put dinosaurs in the Bible as the ‘poster child for creationism’.” *The Raw Story* 13 December posting (online text at www.rawstory.com accessed 12/13/2015).
- . 2015r. “Conservative actress tells Fox: Darth Vader is black because it’s in the Bible and ‘Jesus talks about it’.” *The Raw Story* 14 December posting (online text at www.rawstory.com accessed 12/14/2015).
- . 2015s. “Sarah Palin: Only vote for an atheist if the other candidate is Muslim and ‘literally wants to kill’ Americans.” *The Raw Story* 20 December posting (online text at www.rawstory.com accessed 12/21/2015).
- . 2015t. “Creationism evangelist: God put contradictions in the Bible to ‘weed out’ the atheists.” *The Raw Story* 31 December posting (online text at www.rawstory.com accessed 12/31/2015).
- . 2016a. “Televangelist Jim Bakker: Extreme weather patterns are the ‘spirit of ISIS’ in America.” *The Raw Story* 11 January posting (online text at www.rawstory.com accessed 1/11/2016).
- . 2016b. “ISIS supporter joins Ammon Bundy’s armed occupation as resident computer expert.” *The Raw Story* 13 January posting (online text at www.rawstory.com accessed 1/13/2016).
- . 2016c. “Confused Rush Limbaugh thinks evolution is a hoax because Cincinnati gorilla never became human.” *The Raw Story* 31 May posting (online text at www.rawstory.com accessed 6/1/2016).
- Edwards, David H., Helena B. Thomaidis, & Jeffrey Errington.** 2000. “Promiscuous targeting of *Bacillus subtilis* cell division protein DivIVA to division sites in *Escherichia coli* and fission yeast.” *The EMBO Journal* **19** (1 June): 2719-2727.
- Edwards, David S.** 1986. “*Aglaophyton major*, a non-vascular land-plant from the Devonian Rhynie Chert.” *Botanical Journal of the Linnean Society* **93** (September): 173-204.

- Edwards, D.** 2003. "Xylem in early tracheophytes." *Plant, Cell and Environment* **26** (January): 57-72.
- Edwards, D., K. L. Davies, & L. Axe.** 1992. "A vascular conducting strand in the early land plant *Cooksonia*." *Nature* **357** (25 June): 683-685.
- Edwards, Dianne, & Paul Kenrick.** 2015. "The early evolution of land plants, from fossils to genomics: a commentary on Lang (1937) 'On the plant-remains from the Downtonian of England and Wales'." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (19 April): 20140343.
- Edwards, Dianne, Cheng-Sen Li, & John A. Raven.** 2006. "Tracheids in an early vascular plant: a tale of two branches." *Botanical Journal of the Linnean Society* **150** (January): 115-130.
- Edwards, Dianne, & John B. Richardson.** 2004. "Silurian and Lower Devonian plant assemblages from the Anglo-Welsh Basin: a palaeobotanical and palynological synthesis." *Geological Journal* **39** (3-4): 375-402.
- Edwards, Erika J., & Michael J. Donoghue.** 2006. "*Pereskia* and the Origin of the Cactus Life-Form." *The American Naturalist* **167** (June): 777-793.
- Edwards, Erika J., Colin P. Osborne, Caroline A. E. Strömberg, Stephen A. Smith, & C4 Grasses Consortium.** 2010. "The Origins of C₄ Grasslands: Integrating Evolutionary and Ecosystem Science." *Science* **328** (30 April): 587-591.
- Edwards, Erika J., & Stephen A. Smith.** 2010. "Phylogenetic analyses reveal the shady history of C₄ grasses." *Proceedings of the National Academy of Sciences* **107** (9 February): 2532-2537.
- Edwards, Frank.** 1964. *Strange World*. New York: Lyle Stuart.
- Edwards, Jocelyn.** 2010. "Bishop Among Those 'Outed' by Ugandan Tabloid." *Religion Dispatches* 21 November posting (online text at religiondispatches.org accessed 11/22/2010).
- Edwards, John.** 2005. *The Inquisitors: The Story of the Grand Inquisitors of the Spanish Inquisition*. 2007 pb ed. Stroud, UK: Tempus Publishing.
- Edwards, John S.** 2002. "Dobzhansky's Dangerous Epigram." *BioScience* **52** (July): 614-615.
- Edwards, Lucy E., & David S. Powars.** 2003. "Impact Damage to Dinocysts from the Late Eocene Chesapeake Bay Event." *Palaios* **18** (June): 275-285.
- Edwards, Mark.** 2001a. "'Evolution' Series Charged with 'False Claim' on 'Universal Genetic Code'." *Review Evolution* 10 September posting (online text at www.reviewevolution.com accessed 3/18/2014).
- . 2001b. "'Evolution' Series Claim on Eye Evolution More Fiction than Fact." *Review Evolution* 20 September posting (online text at www.reviewevolution.com accessed 6/2/2003).
- . 2001c. "'Evolution' Series Rewrites History to Fit Religious Stereotype." *Review Evolution* undated posting (online text at www.reviewevolution.com accessed 2/26/2002).
- . 2001d. "Leaked PBS Memo Reveals Improper Political Agenda behind 'Evolution' Series." *Review Evolution* undated posting (online text at www.reviewevolution.com accessed 2/26/2002).
- . 2001e. "National Center for Science Education's Shrill Campaign in Defense of 'Evolution'." *Review Evolution* 22 September posting (online text at www.reviewevolution.com accessed 2/26/2002).
- . 2001f. "100 Scientists, National Poll Challenge Darwinism." *Review Evolution* 24 September posting (online text at www.reviewevolution.com accessed 2/4/2012).
- . 2002a. "Results from Ohio poll on Darwin's theory of evolution, public schools." *Discovery Institute* 8 May posting (online pdf at discovery.org accessed 10/23/2002).
- . 2002b. "The Center's Name Change." *Center for Science & Culture* undated posting (online text at discovery.org accessed 10/23/2002).
- Edwards, Mike.** 2000. "Indus Civilization: Clues to an Ancient Puzzle." *National Geographic* **197** (June): 108-131.
- Edwards, N. P., H. E. Barden, B. E. van Dongen, P. L. Manning, P. L. Larson, U. Bergmann,**

- W. I. Sellers, & R. A. Wogelius.** 2011. “Infrared mapping resolves soft tissue preservation in 50 million year-old reptile skin.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 November): 3209-3218.
- Edwards, Ormond.** 1982. “Herodian Chronology.” *Palestine Exploration Quarterly* **114** (1): 29-42.
- Edwards, Owen.** 2012. “Cut and Paste: How Thomas Jefferson created his own take on Scripture.” *Smithsonian* (January): 24-25.
- Edwards, P. Wesley.** 2006. “A Response to Robert Locke’s, ‘The Scientific Case Against Evolution’.” *RationalWiki* posting updated 3 February (online text at *rationalwiki.org* accessed 7/28/2014).
- Edwards, Paul N.** 2016. “Trump questionnaire recalls dark history of ideology-driven science.” *The Conversation* 14 December posting (online text at *theconversation.com* accessed 12/14/2016).
- Edwards, R. Lawrence.** 2010. “Ice Age Rhythms.” *Science* **327** (12 February): 790-791.
- Edwards, R. L., H. Cheng, M. T. Murrell, & S. J. Goldstein.** 1997. “Protactinium-231 dating of carbonates by thermal ionization mass spectrometry: Implications for Quaternary climate change.” *Science* **276** (7 May): 782-786.
- Edwards, Scott.** 2007. “Mount St. Helens.” *Creationism* posting (online pdf at *www.creationism.org* accessed 1/13/2009).
- Edwards, Scott V.** 2009. “Natural selection and phylogenetic analysis.” *Proceedings of the National Academy of Sciences* **106** (2 June): 8799-8800.
- Edwards, Scott V., & Philip W. Hedrick.** 1998. “Evolution and ecology of MHC molecules: from genomics to sexual selection.” *Trends in Ecology & Evolution* **13** (August): 305-311.
- Edwards, Scott V., W. Bryan Jennings, & Andrew M. Shedlock.** 2005. “Phylogenetics of modern birds in the era of genomics.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 May): 979-992.
- Edwards, Scott V., Sarah B. Kingan, Jennifer D. Calkins, Christopher N. Balakrishnan, W. Bryan Jennings, Willie J. Swanson, & Michael D. Sorenson.** 2005. “Speciation in birds: Genes, geography, and sexual selection.” *Proceedings of the National Academy of Sciences* **102** (3 May): 6550-6557.
- Edwards, Scott V., Liang Liu, & Dennis K. Pearl.** 2007. “High-resolution species trees without concatenation.” *Proceedings of the National Academy of Sciences* **104** (3 April): 5936-5941.
- Edwards, Scott V., Sally Potter, C. Jonathan Schmitt, Jason G. Bragg, & Craig Moritz.** 2016. “Reticulation, divergence, and the phylogeography-phylogenetics continuum.” *Proceedings of the National Academy of Sciences* **113** (19 July): 8025-8032.
- Edwards, Scott V., Zhenxiang Xi, Axel Janke, Brant C. Faircloth, John E. McCormack, Travis C. Glenn, Bojian Zhong, Shaoyuan Wu, Emily Moriarty Lemmon, Alan R. Lemmon, Adam D. Leaché, Liang Liu, & Charles C. Davis.** 2016. “Implementing and testing the multispecies coalescent model: A value paradigm for phylogenomics.” *Molecular Phylogenetics and Evolution* **94A** (January): 447-462.
- Edwards v. Aguillard.* 1987. Justice Powell majority opinion (joined by Justice O’Connor) to 19 June Supreme Court decision re: *Edwards v. Aguillard* (online text via *supct.law.cornell.edu* accessed 4/24/2009).
- Edwards v. CA UNIV PA.* 1998. *FindLaw* posting of U.S. 3rd Circuit Court of Appeals (19 August) filing re: *Edwards v. California University of Pennsylvania* (online text at *laws.lp.findlaw.com* accessed 9/6/2002).
- Edwards-Levy, Ariel.** 2012. “Brenda Landwehr, Kansas Legislator, Says Redistricting Shouldn’t Split Her ‘Primarily Caucasian’ District.” *Huffpost Politics* posting 15 March (online text at *huffingtonpost.com* accessed 4/8/2014).
- Edwards, Frederick.** 1980. “Why Creationism Should Not be Taught as Science.” *Creation/Evolution* **1** (Summer): 2-23.
- . 1981. “Why Creationism Should Not Be Taught as Science.” *Creation/Evolution* **2** (Winter): 6-36.

- . 1982a. “Victory in Arkansas: The Trial, Decision, and Aftermath.” *Creation/Evolution* **3** (Winter): 33-45.
- . 1982b. “Creation-Evolution Debates: Who’s Winning Them Now?” *Creation/Evolution* **3** (Spring): 30-42.
- . 1982c. “The Dilemma of the Horned Dinosaurs.” *Creation/Evolution* **3** (Summer): 1-11.
- . 1982d. “Those Amazing Animals: The Whales and the Dolphins.” *Creation/Evolution* **3** (Fall): 1-7.
- . 1983a. “An Answer to Dr. Geisler—From the Perspective of Philosophy.” *Creation/Evolution* **4** (Summer): 6-12.
- . 1983b. “Apples and Oranges: A Response to Geisler.” *Creation/Evolution* **4** (Fall): 40-43.
- . 1986. “The Mystery Behind the Mystery.” *Creation/Evolution* **6** (Winter): 41-42.
- Eerland, Anita, Tulio M. Guadalupe, & Rolf A. Zwaan.** 2011. “Leaning to the Left Makes the Eiffel Tower Seem Smaller.” *Psychological Science* **22** (December): 1511-1514.
- Eernisse, Douglas J., & Kevin J. Peterson.** 2004. “The History of Animals,” in Cracraft & Donoghue (2004, 197-208).
- Efferson, Charles, Rafael Lalive, & Ernst Fehr.** 2008. “The Coevolution of Cultural Groups and Ingroup Favoritism.” *Science* **321** (26 September): 1844-1849.
- Efron, Noah J.** 2009. “Myth 9: That Christianity Gave Birth to Modern Science,” in Numbers (2009a, 79-89).
- Egan, Louisa C.** 2011. “Self-deception is adaptive in itself.” *Behavioral and Brain Sciences* **34** (1): 19-20.
- Egan, Louisa C., Laurie R. Santos, & Paul Bloom.** 2007. “The Origins of Cognitive Dissonance: Evidence From Children and Monkeys.” *Psychological Science* **21** (November): 978-983.
- . 2010. “Choice-induced preferences in the absence of choice: Evidence from a blind two choice paradigm with young children and capuchin monkeys.” *Journal of Experimental Social Psychology* **46** (January): 204-207.
- Egan, Patrick J., & Megan Mullin.** 2016. “Recent improvement and projected worsening of weather in the United States.” *Nature* **532** (21 April): 357-360.
- Egel, Richard.** 2012. “Primal Eukaryogenesis: On the Communal Nature of Precellular States, Ancestral to Modern Life.” *Life* (online @ www.mdpi.com) **2** (January): 170-212.
- Egelman, Edward H.** 2010. “Reducing irreducible complexity: divergence of quaternary structure and function in macromolecular assemblies.” *Current Opinion in Cell Biology* **22** (February): 68-74.
- Egemeier, Stephen J.** 1981. “Cavern Development by Thermal Waters.” *Journal of Cave and Karst Studies* (AKA *Bulletin of the National Speleological Society*) **43** (April): 31-51.
- Egen, Rachel, & Carol Keys.** 1999. “Sabotaging Science: Creationist Strategy in the ‘90s.” *People for the American Way Foundation* November Special Report posting (online text at www.pfaw.org accessed 11/25/2013).
- Eger, Evelyn, Philipp Sterzer, Michael O. Russ, Anne-Lise Giraud, & Andreas Kleinschmidt.** 2003. “A Supramodal Number Representation in Human Intraparietal Cortex.” *Neuron* **37** (20 February): 1-20.
- Eger, Martin.** 1988. “A Tale of Two Controversies: Dissonance In the Theory and Practice of Rationality.” *Zygon* **23** (September): 291-325.
- Egerton, Frank N.** 2008. “A History of the Ecological Sciences, Part 29: Plant Disease Studies During the 1700s.” *Bulletin of the Ecological Society of America* **89** (July): 231-244.
- . 2013. “History of Ecological Sciences, Part 47: Ernst Haeckel’s *Ecology*.” *Bulletin of the Ecological Society of America* **94** (July): 222-244.
- Eggebeen, David J.** 2012. “What can we learn from studies of children raised by gay or lesbian parents?” *Social Science Research* **41** (July): 775-778.
- Eggert, Gerhard.** 1996. “The Enigmatic ‘Battery of Baghdad.’” *Skeptical Inquirer* **20** (May/June): 31-34.
- Egholm, Michael, Ole Buchardt, Leif Christensen, Carsten Behrens, Susan M. Freier, David**

- A. Driver, Rolf H. Berg, Soeg K. Kim, Bengt Norden, & Peter E. Nielsen.** 1993. "PNA hybridizes to complementary oligonucleotides obeying the Watson-Crick hydrogen-bonding rules." *Nature* **365** (7 October): 566-568.
- Egloff, Boris, David Richter, & Stefan C. Schmukle.** 2013. "Need for conclusive evidence that positive and negative reciprocity are unrelated." *Proceedings of the National Academy of Sciences* **110** (26 February): E786.
- Egnor, Bill.** 2011. "'End Of America 2011', Porter Stansberry's Newest Scam." *MyFDL* 24 February posting (online text at www.firedoglake.com accessed 7/18/2012).
- Egnor, Michael.** 2007a. "'Why would I want my doctor to have studied evolution?'" Discovery Institute *Evolution News & Views* for 9 March (online text at evolutionnews.org accessed 3/13/2007).
- . 2007b. "Mr. Lemonick, Michael Faraday, and James Clerk Maxwell." Discovery Institute *Evolution News & Views* for 16 April (online text at evolutionnews.org accessed 6/1/2014).
- . 2007c. "Evolutionary Science: Deconstructing (Other Peoples') Religious Beliefs." Discovery Institute *Evolution News & Views* for 23 June (online text at evolutionnews.org accessed 5/18/2017).
- . 2008a. "Materialist Neuroscience and the 'Hard Problem' of Consciousness." Discovery Institute *Evolution News & Views* for 15 January (online text at evolutionnews.org accessed 7/2/2011).
- . 2008b. "Dr. Larry Moran, Darwinism, and Vicious Personal Invective." Discovery Institute *Evolution News & Views* for 17 March (online text at evolutionnews.org accessed 3/24/2008).
- . 2008c. "The Hard and Easy Problems in the Mind-Brain Question." Discovery Institute *Evolution News & Views* for 1 June (online text at evolutionnews.org accessed 7/2/2011).
- . 2011a. "Can a Computer Think?" Discovery Institute *Evolution News & Views* for 31 March (online text at evolutionnews.org accessed 12/11/2013).
- . 2011b. "Steven Novella: 'Bachman Promotes Creationism'." *Egnorance* 19 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011c. "Al Gore: children are a significant cause of pollution and global warming." *Egnorance* 22 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011d. "Now even the Irish are desecrating images of Mary." *Egnorance* 23 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011e. "Commentator John Pieret on Judge Biery: 'Typically, for matters subject to 'Egnorance,' you don't know what you are talking about'." *Egnorance* 24 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011f. "Talk Origins' bid to poleaxe *Expelled*." *Egnorance* 24 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011g. "Jerry Coyne and Darwinian medicine: Introduction." *Egnorance* 25 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011h. "Jeff Shallit takes on the Blessed Mother and me." *Egnorance* 25 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011i. "Same-Sex Marriage: the problem is that it's not 'rubbish'." *Egnorance* 27 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011j. "Why don't atheists commit murder, if there's no accountability in the afterlife?" *Egnorance* 29 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011k. "Commentator bachfiend on atheism and moral law." *Egnorance* 30 June posting (online text at egnorance.blogspot.com accessed 7/2/2011).
- . 2011l. "Is the Moral Law objective or subjective?" *Egnorance* 1 July posting (online text at egnorance.blogspot.com accessed 7/1/2011).
- . 2013a. "Jerry Coyne collaborates with Holocaust deniers." *Egnorance* 24 July posting (online text at egnorance.blogspot.com accessed 6/8/2014).
- . 2013b. "Natural Selection Is Empty." Discovery Institute *Evolution News & Views* for 30 August (online text at evolutionnews.org accessed 10/17/2013).
- . 2013c. "Is Darwinian Evolution 'Indispensable' to Biology?" Discovery Institute

- Evolution News & Views* for 18 October (online text at *evolutionnews.org* accessed 10/22/2013).
- . 2013d. “Do Admirers of John Scopes Embrace What Their Hero Actually Taught?” Discovery Institute *Evolution News & Views* for 6 December (online text at *evolutionnews.org* accessed 12/12/2013).
- . 2013e. “Heisenberg on the Delusion of Scientism.” Discovery Institute *Evolution News & Views* for 8 December (online text at *evolutionnews.org* accessed 12/20/2013).
- . 2013f. “What *Should* John Scopes Have Taught His Students About Human Evolution?” Discovery Institute *Evolution News & Views* for 10 December (online text at *evolutionnews.org* accessed 12/26/2013).
- . 2013g. “Jerry Coyne: ‘...It’s Rude to Not Respond to an Evolutionary Biologist Who Writes About a Sign Like This’.” Discovery Institute *Evolution News & Views* for 15 December (online text at *evolutionnews.org* accessed 6/8/2014).
- . 2013h. “Monkeying with the Monkey Trial.” Discovery Institute *Evolution News & Views* for 20 December (online text at *evolutionnews.org* accessed 12/26/2013).
- . 2013i. “Why Eugenics? Maybe Something Happened in 1859?” Discovery Institute *Evolution News & Views* for 21 December (online text at *evolutionnews.org* accessed 12/28/2013).
- . 2014a. “Do Benjamin Libet’s Experiments Show that Free Will Is an Illusion?” Discovery Institute *Evolution News & Views* for 15 January (online text at *evolutionnews.org* accessed 1/20/2014).
- . 2014b. “Dissecting a Dead Jellyfish: Reading Stephen Meredith on Intelligent Design.” Discovery Institute *Evolution News & Views* for 27 January (online text at *evolutionnews.org* accessed 1/29/2014).
- . 2014c. “Dissecting a Dead Jellyfish: Reading Stephen Meredith on Intelligent Design.” Discovery Institute *Evolution News & Views* 27 January posting (online text at *evolutionnews.org* accessed 3/27/2014).
- . 2014d. “Censorship Is Atheism’s Immune System.” Discovery Institute *Evolution News & Views* for 29 March (online text at *evolutionnews.org* accessed 4/11/2014).
- . 2014e. “The Myth of Human ‘Tails’: A Physician and Surgeon’s Perspective.” Discovery Institute *Evolution News & Views* for 23 May (online text at *evolutionnews.org* accessed 5/28/2014).
- . 2014f. “‘Are We Really Conscious?’: A Reply to Dr. Graziano’s Brain.” Discovery Institute *Evolution News & Views* for 20 October (online text at *evolutionnews.org* accessed 10/22/2014).
- . 2014g. “‘Dear Atheist Santa...’.” Discovery Institute *Evolution News & Views* for 3 December (online text at *evolutionnews.org* accessed 12/18/2014).
- . 2014h. “Recalling Nana’s Face: Does Your Brain Store Memories?” Discovery Institute *Evolution News & Views* for 8 December (online text at *evolutionnews.org* accessed 12/10/2014).
- . 2015a. “Shock: A Darwinian Biologist Notices that Evolution Is Irrelevant to Medical Research.” Discovery Institute *Evolution News & Views* for 21 February (online text at *evolutionnews.org* accessed 2/26/2015).
- . 2015b. “No, Despite Often Heard Claims, Antibiotic Resistance in Bacteria Is Not Evolution.” Discovery Institute *Evolution News & Views* for 26 February (online text at *evolutionnews.org* accessed 3/5/2015).
- . 2015c. “Faith Versus Fact: In Search of Jerry Coyne’s Thesis.” Discovery Institute *Evolution News & Views* for 27 May (online text at *evolutionnews.org* accessed 6/15/2015).
- . 2015d. “Stephen Hawking: ‘Philosophy is Dead’.” Discovery Institute *Evolution News & Views* for 3 August (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015e. “National Center for Science Education Whitewashes Scientific Racism.” Discovery Institute *Evolution News & Views* for 11 August (online text at *evolutionnews.org* accessed 8/18/2015).
- . 2015f. “Can a Non-Person Have Down’s Syndrome.” Discovery Institute *Evolution News & Views* for 26 August (online text at *evolutionnews.org* accessed 1/4/2016).

- . 2015g. “Is Your Brain a Computer?” Discovery Institute *Evolution News & Views* for 3 November (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015h. “The Fundamental Difference Between Humans and Nonhuman Animals.” Discovery Institute *Evolution News & Views* for 5 November (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015i. “An Open Letter to A.C. Grayling.” Discovery Institute *Evolution News & Views* for 23 November (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2015j. “Perception and the Cartesian Theater.” Discovery Institute *Evolution News & Views* for 8 December (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2015k. “Can You Perceive a Star That’s No Longer There?” Discovery Institute *Evolution News & Views* for 11 December (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016a. “Is Free Will Just ‘Your Brain Tricking Itself?’” Discovery Institute *Evolution News & Views* for 3 May (online text at *evolutionnews.org* accessed 5/4/2016).
- . 2016b. “Your Deluded Brain Thinks It’s Conscious!” Discovery Institute *Evolution News & Views* for 11 July (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016c. “What Is Consciousness?” Discovery Institute *Evolution News & Views* for 14 July (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016d. “Without Free Will There Is No Justice.” Discovery Institute *Evolution News & Views* for 28 July (online text at *evolutionnews.org* accessed 7/30/2016).
- . 2016e. “Against ‘Darwinian Medicine’.” Discovery Institute *Evolution News & Views* for 9 August (online text at *evolutionnews.org* accessed 8/10/2016).
- . 2016f. “In Astronomy, the Inference to Design Is Flourishing.” Discovery Institute *Evolution News & Views* for 10 August (online text at *evolutionnews.org* accessed 8/19/2016).
- . 2016g. “Language Is a Rock Against Which Evolutionary Theory Wrecks Itself.” Discovery Institute *Evolution News & Views* for 19 September (online text at *evolutionnews.org* accessed 9/29/2016).
- . 2016h. “Atheism Is a Catastrophe for Science.” Discovery Institute *Evolution News & Views* for 20 September (online text at *evolutionnews.org* accessed 9/29/2016).
- . 2017. “Darwinian Biologist Endorses Killing Handicapped Babies Who ‘Suffer’.” Discovery Institute *Evolution News & Science Today* for 17 July (online text at *evolutionnews.org* accessed 7/20/2017).
- Ehlers, J., P. L. Gibbard, & P. D. Hughes**, eds. 2011. *Quaternary Glaciations—Extent and Chronology: A Closer Look*. Amsterdam: Elsevier.
- Ehrenfreund, Pascale, & Jan Cami**. 2010. “Cosmic Carbon Chemistry: From the Interstellar Medium to the Early Earth.” *Cold Spring Harbor Perspectives in Biology* **2** (December): a002097.
- Ehrenfreund, Pascale, & Bernard H. Foing**. 2010. “Fullerenes and Cosmic Carbon.” *Science* **329** (3 September): 1159-1160.
- . 2015. “Fullerene solves an interstellar puzzle.” *Nature* **523** (16 July): 296-297.
- Ehrenfreund, Pascale, Daniel P. Glavin, Oliver Botta, George Cooper, & Jeffrey L. Bada**. 2001. “Extraterrestrial amino acids in Orgueil and Ivuna: Tracing the parent body of CI type carbonaceous chondrites.” *Proceedings of the National Academy of Sciences* **98** (27 February): 2138-2141.
- Ehrenfreund, Pascale, Marco Spaans, & Nils G. Holm**. 2011. “The evolution of organic matter in space.” *Philosophical Transactions of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **369** (13 February): 538-554.
- Ehrenreich, A., & F. Widdel**. 1994. “Anaerobic oxidation of ferrous iron by purple bacteria, a new type of phototrophic metabolism.” *Applied and Environmental Microbiology* **60** (December): 4517-4526.
- Ehret, Dana J., Gordon Hubbell, & Bruce J. MacFadden**. 2009. “Exceptional preservation of the white shark *Carcharodon* (Lamniformes, Lamnidae) from the early Pliocene of Peru.” *Journal of Vertebrate Paleontology* **29** (12 March): 1-13.

- Ehret, Dana J., Bruce J. MacFadden, Douglas S. Jones, Thomas J. DeVries, David A. Foster, & Rodolfo Salas-Gismondi.** 2012. "Origin of the white shark *Carcharodon* (Lamniformes: Lamnidae) based on recalibration of the Upper Neogene Pisco Formation of Peru." *Palaeontology* **55** (November): 1139-1153.
- Ehret, Günter.** 2009. "New perspectives of information through the auditory cortical layers." *Proceedings of the National Academy of Sciences* **106** (22 December): 21463-21464.
- Ehret, Günter, & Sabine Riecke.** 2002. "Mice and humans perceive multiharmonic communication sounds in the same way." *Proceedings of the National Academy of Sciences* **99** (8 January): 479-482.
- Ehrlich, H., J. Keith Rigby, J. P. Botting, M. V. Tsurkan, C. Werner, P. Schwill, Z. Petrášek, A. Pisera, P. Simon, V. N. Sivkov, D. V. Vyalikh, S. L. Molodtsov, D. Kurek, M. Kammer, S. Hunoldt, R. Born, D. Stawski, A. Steinhof, V. V. Bazhenov, & T. Geisler.** 2013. "Discovery of 505-million-year old chitin in the basal demosponge *Vauxia gracilentia*." *Scientific Reports* (online @ www.nature.com/srep/) **3** (13 December): 3497.
- Ehrlich, Howard J., & Dorothy Lee.** 1969. "Dogmatism, learning, and resistance to change: A review and a new paradigm." *Psychological Bulletin* **71** (April): 249-260.
- Ehrlich, Paul R.** 1968. *The Population Bomb*. 1970 pb ed. New York: Ballantine Books.
- . 2000. *Human Natures: Genes, Cultures, and the Human Prospect*. Washington, DC: Island Press/Shearwater Books.
- . 2001. "Intervening in evolution: Ethics and actions." *Proceedings of the National Academy of Sciences* **98** (8 May): 5477-5480.
- . 2010. "Stephen Schneider (1945-2010)." *Science* **329** (13 August): 776.
- Ehrlich, Paul R., & Anne H. Ehrlich.** 1974. *The End of Affluence: A Blueprint for Your Future*. New York: Ballantine Books.
- Ehrlich, Paul, & Marcus Feldman.** 2003. "Genes and Cultures." *Current Anthropology* **44** (February): 87-108.
- Ehrlich, Paul R., & Richard L. Harriman.** 1971. *How to Be a Survivor*. New York: Ballantine Books.
- Ehrlich, Paul R., & Richard W. Holm.** 1962. "Patterns and Populations." *Science* **137** (31 August): 652-657.
- Ehrlich, Robert.** 2001. *Nine Crazy Ideas: A Few Might Even Be True*. Princeton, NJ: Princeton University Press.
- . 2003. *Eight Preposterous Propositions: From the Genetics of Homosexuality to the Benefits of Global Warming*. Princeton, NJ: Princeton University Press.
- . 2007. "Solar resonant diffusion waves as a driver of terrestrial climate change." *Journal of Atmospheric and Solar-Terrestrial Physics* **69** (May): 759-766.
- Ehrlinger, Joyce, Kerri Johnson, Matthew Banner, David Dunning, & Justin Kruger.** 2008. "Why the Unskilled Are Unaware: Further Explorations of (Absent) Self-Insight Among the Incompetent." *Organizational Behavior and Human Decision Processes* **105** (1 January): 98-121.
- Ehrman, Bart D.** 1999. *Jesus: Apocalyptic Prophet of the New Millennium*. 2001 pb ed. Oxford: Oxford University Press.
- . 2003. *Lost Christianities: The Battles for Scripture and the Faiths We Never Knew*. Oxford: Oxford University Press.
- . 2005. *Misquoting Jesus: The Story of Who Changed the Bible and Why*. San Francisco: HarperSanFrancisco.
- . 2008. *God's Problem: How the Bible Fails to Answer Our Most Important Question—Why We Suffer*. New York: HarperOne (HarperCollins).
- . 2009. *Jesus, Interrupted: Revealing the Hidden Contradictions in the Bible (and Why We Don't Know About Them)*. New York: HarperOne (HarperCollins).
- . 2011. *Forged: Writing in the Name of God—Why the Bible's Authors Are Not Who We Think They Are*. 2012 pb ed. New York: HarperOne (HarperCollins).
- . 2012a. *Did Jesus Exist? The Historical Argument for Jesus of Nazareth*. 2013 pb ed. New York: HarperOne (HarperCollins).

- . 2012b. “Did Jesus Exist?” *Huffpost Religion* posting 20 March (online text at huffingtonpost.com accessed 5/24/2013).
- . 2012c. “Fuller Reply to Richard Carrier.” *Bart’s Blog* posting 25 April (online text at ehrmanblog.org accessed 5/25/2013).
- . 2014. “FFRF’s Emperor honor to truth-telling bible scholar Ehrman.” Interview text. *Freethought Today* **31** (June/July): 13.
- Ehrman, Bart D., & Zlalko Pleše**, eds. 2011. *The Apocryphal Gospels*. Oxford: Oxford University Press.
- Ehrsson, H. Henrik**. 2007. “The Experimental Induction of Out-of-Body Experiences.” *Science* **317** (24 August): 1048.
- Ehrsson, H. Henrik, Katja Wiech, Nikolaus Weiskopf, Raymond J. Dolan, & Richard E. Passingham**. 2007. “Threatening a rubber hand that you feel is yours elicits a cortical anxiety response.” *Proceedings of the National Academy of Sciences* **104** (5 June): 9823-9833.
- Eiben, Agoston E., & Jim Smith**. 2015. “From evolutionary computation to the evolution of things.” *Nature* **521** (28 May): 476-482.
- Eiberg, Hans, Jesper Troelsen, Mette Nielsen, Annette Mikkelsen, Jonas Mengel-From, Klaus W. Kjaer, & Lars Hansen**. 2008. “Blue eye color in humans may be caused by a perfectly associated founder mutation in a regulatory element located within the *HERC2* gene inhibiting *OCA2* expression.” *Human Genetics* **123** (March): 177-187.
- Eibye-Jacobsen, Danny**. 2004. “A reevaluation of *Wiwaxia* and the polychaetes of the Burgess Shale.” *Lethaia* **37** (September): 317-335.
- Eichacker, Charles**. 2017. “Augusta ed tech says school department discriminated against her for telling colleague ‘I will pray for you’.” *Central Maine* 16 May posting (online text at www.centralmaine.com accessed 5/26/2017).
- Eichenbaum, Howard**. 1997. “How Does the Brain Organize Memories?” *Science* **277** (18 July): 330-332.
- . 2010. “Dedicated to Memory?” *Science* **330** (3 December): 1331-1332.
- Eichenbaum, Howard, & Norbert J. Fortin**. 2009. “The neurobiology of memory based predictions.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 May): 1183-1191.
- Eichler, Evan E., & David Sankoff**. 2003. “Structural Dynamics of Eukaryotic Chromosome Evolution.” *Science* **301** (8 August): 793-797.
- Eichman, Phillip**. 1993. “The Christian Character of Michael Faraday as Revealed in His Personal Life and Recorded Sermons.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **43** (June): 92-95.
- Eichmann, Anne, Taija Makinen, & Kari Alitalo**. 2005. “Neural guidance molecules regulate vascular remodeling and vessel navigation.” *Genes & Development* **19** (1 May): 1013-1021.
- Eichmann, Anne, Li Yuan, Delphine Moyon, Ferdinand Lenoble, Luc Pardanaud, & Christiane Bréant**. 2005. “Vascular development: from precursor cells to branched arterial and venous networks.” *International Journal of Developmental Biology* **49** (2/3): 259-267.
- Eick, Geeta N., Jennifer K. Colucci, Michael J. Harms, Eric A. Ortlund, & Joseph W. Thornton**. 2012. “Evolution of Minimal Specificity and Promiscuity in Steroid Hormone Receptor.” *PLoS Genetics* (online @ plosgenetics.org) **8** (November): e1003072.
- Eickbush, Thomas H**. 1997. “Telomerase and Retroposons: Which Came First?” *Science* **277** (15 August): 911-912.
- Eide, E. A.**, ed. 2002. *BATLAS—Mid Norway Plate Reconstruction Atlas with Global and Atlantic Perspectives*. Trondheim, Norway: Geological Survey of Norway.
- Eidelman, Scott, Christian S. Crandall, Jeffrey A. Goodman, & John C. Blanchar**. 2012. “Low-Effort Thought Promotes Political Conservatism.” *Personality and Social Psychology Bulletin* **38** (June): 808-820.
- Eiler, Daniel, Jimin Wang, & Thomas A. Steitz**. 2014. “Structural basis for the fast self-

- cleavage reaction catalyzed by the twister ribozyme.” *Proceedings of the National Academy of Sciences* **111** (9 September): 13028-13033.
- Eiler, John**, ed. 2003. *Inside the Subduction Factory*. Washington, DC: American Geophysical Union.
- Eippert, Falk, Jürgen Finsterbusch, Ulrike Bingel, & Christian Büchel**. 2009. “Direct Evidence for Spinal Cord Involvement in Placebo Analgesia.” *Science* **326** (16 October): 404.
- Eiraku, Mototsugu, Nozomu Takata, Hiroki Ishibashi, Masako Kawada, Eriko Sakakura, Satoru Okuda, Kiyotoshi Sekiguchi, Taiji Adachi, & Yoshiki Sasai**. 2011. “Self-organizing optic-cup morphogenesis in three-dimensional culture.” *Nature* **472** (7 April): 51-56.
- Eirín-López, José María, Lindsay J. Frehlick, & Juan Ausiό**. 2006. “Protamines, in the Footsteps of Linker Histone Evolution.” *The Journal of Biological Chemistry* **281** (6 January): 1-4.
- Eirín-López, José María, Lindsay J. Frehlick, Manel Chiva, Núria Saperas, & Juan Ausiό**. 2008. “The Sperm Proteins from Amphioxus Mirror Its Basal Position among Chordates and Redefine the Origin of Vertebrate Protamines.” *Molecular Biology and Evolution* **25** (August): 1705-1713.
- Eirín-López, José M., Ana M. González-Tizón, Andrés Martínez, & Josefina Méndez**. 2004. “Birth-and-Death Evolution with Strong Purifying Selection in the Histone H1 Multigene Family and the Origin of *orphan* H1 Genes.” *Molecular Biology and Evolution* **21** (October): 1992-2003.
- Eirín-López, José María, John D. Lewis, Le Ann Howe, & Juan Ausiό**. 2006. “Common Phylogenetic Origin of Protamine-like (PL) Proteins and Histone H1: Evidence from Bivalve PL Genes.” *Molecular Biology and Evolution* **23** (June): 1304-1317.
- Einenkel, Walter**. 2016. “Tony Perkins says God punishes gays with natural disasters, has home destroyed by ‘biblical’ flood.” *Daily Kos* 18 August posting (online text at www.dailykos.com accessed 8/19/2016).
- Eisen, Arri**. 2012. “Where Do ‘Sacred’ Values Live in the Brain?” *Religion Dispatches* 30 January posting (online text at religiondispatches.org accessed 1/31/2012).
- Eisen, Jonathan A.** 2001. “Gastrogenomics.” *Nature* **409** (25 January): 463-466.
- Eisen, Jonathan A., & Claire M. Fraser**. 2003. “Intersection of Evolution and Genomics.” *Science* **300** (13 June): 1706-1707.
- Eisenberg, Dan T. A., & M. Geoffrey Hayes**. 2011. “Testing the null hypothesis: comments on ‘Culture-gene coevolution of individualism-collectivism and the serotonin transporter gene’.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 February): 329-332.
- Eisenberger, Naomi I., Matthew D. Lieberman, & Kipling D. Williams**. 2003. “Does Rejection Hurt? An fMRI Study of Social Exclusion.” *Science* **302** (10 October): 290-292.
- Eisenegger, C., M. Naef, R. Snozzi, M. Heinrichs, & E. Fehr**. 2010. “Prejudice and truth about the effect of testosterone on human bargaining behaviour.” *Nature* **463** (21 January): 356-359.
- Eisenhut, Marion, Wolfgang Ruth, Maya Haimovich, Hermann Bauwe, Aaron Kaplan, & Martin Hagemann**. 2008. “The photorespiratory glycolate metabolism is essential for cyanobacteria and might have been conveyed endosymbiotically to plants.” *Proceedings of the National Academy of Sciences* **105** (4 November): 17199-17204.
- Eisner, Thomas**. 1958. “The protective role of the spray mechanism of the Bombardier Beetle, *Brachynus ballustarius* Lec.” *Journal of Insect Physiology* **2** (August): 215-217.
- . 2003. “Living Fossils: On Lampreys, *Baronia*, and the Search for Medicinals.” *BioScience* **53** (March): 265-269.
- Eisner, Thomas, & Daniel J. Aneshansley**. 1982. “Spray Aiming in Bombardier Beetles: Jet Deflection by the Coanda Effect.” *Science* **215** (1 January): 83-85.
- . 1999. “Spray aiming in the bombardier beetle: Photographic evidence.” *Proceedings of the National Academy of Sciences* **96** (17 August): 9705-9709.

- Eisner, Thomas, Daniel J. Aneshansley, Maria Eisner, Athula B. Attygalle, David W. Alsop, & Jerrold Meinwald.** 2000. "Spray mechanism of the most primitive bombardier beetle (*Metrius contractus*)." *The Journal of Experimental Biology* **203** (April): 1265-1275.
- Eisner, Thomas, Athula B. Attygalle, Maria Eisner, Daniel J. Aneshansley, & Jerrold Meinwald.** 1991. "Chemical defense of a primitive Australian bombardier beetle (Carabidae): *Mystropomus regularis*." *Chemoecology* **2** (December): 29-34.
- Eisner, Thomas, Tappey H. Jones, Daniel J. Aneshansley, Walter R. Tschinkel, Robert E. Silbergleid, & Jerrold Meinwald.** 1977. "Chemistry of defensive secretions of bombardier beetles (Brachinini, Metriini, Ozaenini, Paussini)." *Journal of Insect Physiology* **23** (11-12): 1383-1386.
- Eisner, Thomas, & Jerrold Meinwald.** 1966. "Defensive Secretions of Arthropods." *Science* **153** (16 September): 1341-1350.
- Eisthen, Heather L.** 2002. "Why Are Olfactory Systems of Different Animals So Similar?" *Brain, Behavior and Evolution* **59** (5-6): 273-293.
- Eitel, Michael, Loretta Guidi, Heike Hadrys, Maria Balsamo, & Bernd Schierwater.** 2011. "New Insights into Placozoan Sexual Reproduction and Development." *PLoS ONE* (online @ plosone.org) **6** (May): e19639.
- Eiting, Thomas P., & Gregg F. Gunnell.** 2009. "Global Completeness of the Bat Fossil Record." *Journal of Mammalian Evolution* **16** (September): 151-173.
- Eizirik, E., W. J. Murphy, & S. J. O'Brien.** 2001. "Molecular Dating and Biogeography of the Early Placental Mammal Radiation." *Journal of Heredity* **92** (March): 212-219.
- Ekdale, A. A.** 1980. "Graphoglyptid Burrows in Modern Deep-Sea Sediment." *Science* **207** (18 January): 304-306.
- Ekdale, Eric G., J. David Archibald, & Alexander O. Averianov.** 2004. "Petrosal bones of placental mammals from the Late Cretaceous of Uzbekistan." *Acta Palaeontologica Polonica* **49** (1): 161-176.
- Ekdale, Eric G., Annalisa Berta, & Thomas A. Deméré.** 2011. "The Comparative Osteology of the Petrotympenic Complex (Ear Region) of Extant Baleen Whales (Cetacea: Mysticeti)." *PLoS ONE* (online @ plosone.org) **6** (June): e21311.
- Ekdale, Eric G., & Rachel A. Racicot.** 2015. "Anatomical evidence for low frequency sensitivity in an archaeocete whale: comparison of the inner ear of *Zygorhiza kochii* with that of crown Mysticeti." *Journal of Anatomy* **226** (January): 22-39.
- Ekelund, Jesper, Dirk Lichtermann, Marjo-Ritta Järvelin, & Leena Peltonen.** 1999. "Association Between Novelty Seeking and the Type 4 Dopamine Receptor Gene in a Large Finnish Cohort Sample." *The American Journal of Psychiatry* **156** (September): 1453-1455.
- Ekkens, David.** 2007. "The Creation Question." Southern Adventist University *Columns* (Fall): 14-17.
- EKOS Research Associates.** 2011. "Expertise, Politics and Democracy," 18 March posting (online pdf at beta.images.theglobaeandmail.com accessed 3/25/2011).
- Ekstrom, Arne D., Michael J. Kahana, Jeremy B. Caplan, Tony A. Fields, Eve A. Isham, Ehren L. Newman, & Itzhak Fried.** 2003. "Cellular networks underlying human spatial navigation." *Nature* **425** (11 September): 184-188.
- El Albani, Abderrazak, Stefan Bengtson, Donald E. Canfield, Andrey Bekker, Roberto Macchiarelli, Arnaud Mazurier, Emma U. Hammarlund, Philippe Boulvais, Jean-Jacques Dupuy, Claude Fontaine, Franz T. Fürsich, François Gauthier-Lafaye, Philippe Janvier, Emmanuelle Javaux, Frantz Ossa Ossa, Anne-Catherine Pierson-Wickmann, Armelle Riboulleau, Paul Sardini, Daniel Vachard, Martin Whitehouse, & Alain Meunier.** 2010. "Large colonial organisms with coordinated growth in oxygenated environments 2.1 Gyr ago." *Nature* **466** (1 July): 100-104.
- Elbarbary, Reyad A., Bronwyn A. Lucas, & Lynne E. Maquat.** 2016. "Retrotransposons as regulators of gene expression." *Science* **351** (12 February): aac7247 (online at sciencemag.org).
- El Bastawesy, Mohammed.** 2015. "The geomorphological and hydrogeological evidences for a

- Holocene deluge in Arabia.” *Arabian Journal of Geoscience* **8** (May): 2577-2586.
- Elbaz, David, & Catherine J. Cesarsky.** 2003. “A Fossil Record of Galaxy Encounters.” *Science* **300** (11 April): 270-274.
- Eldar, Avigdor.** 2011. “Social conflict drives the evolutionary divergence of quorum sensing.” *Proceedings of the National Academy of Sciences* **108** (16 August): 13635-13640.
- Eldar, Avigdor, Vasant K. Chary, Panagiotis Xenopoulos, Michelle E. Fontes, Oliver C. Losón, Jonathan Dworkin, Patrick J. Piggot, & Michael B. Elowitz.** 2009. “Partial penetrance facilitates developmental evolution in bacteria.” *Nature* **460** (23 July): 510-514.
- Elde, Nels C., Manyuan Long, & Aaron P. Turkewitz.** 2007. “A role for convergent evolution in the secretory life of cells.” *Trends in Cell Biology* **17** (April): 157-164.
- Elde, Nels C., Garry Morgan, Mark Winey, Linda Sperling, & Aaron P. Turkewitz.** 2005. “Elucidation of Clathrin-Mediated Endocytosis in *Tetrahymena* Reveals an Evolutionarily Convergent Recruitment of Dynamin.” *PLoS Genetics* (online @ plosgenetics.org) **1** (November): e52.
- Elder, Pam, Joseph Mastropaolo, & Russ Miller.** 2013. “Honoring Those Who Honor God’s Word.” *Creation Science Hall of Fame* home page posting (online text at creationscienceshalloffame.org/ accessed 10/22/2013).
- Elderfield, Harry.** 2010. “Seawater Chemistry and Climate.” *Science* **327** (26 February): 1092-1093.
- Elderfield, H., P. Ferretti, M. Greaves, S. Crowhurst, I. N. McCave, D. Hodell, & A. M. Piotrowski.** 2012. “Evolution of Ocean Temperature and Ice Volume Through the Mid-Pleistocene Climate Transition.” *Science* **337** (10 August): 704-709.
- Elders, Wilfred A.** 1998. “Bibliolatry in the Grand Canyon.” *Reports of the National Center for Science Education* **18** (July-August): 8-15.
- . 1999. “Geologists Explain Evolution.” *Reports of the National Center for Science Education* **19** (November-December): 6-8.
- . 2003a. “Bibliolatry Revisited: A Review of ‘Grand Canyon: a Different View’.” *No Answers in Genesis* posting revised 12 September (online text at noanswersingenesis.org.au accessed 11/19/2011).
- . 2003b. “Different views of the Grand Canyon.” *Eos Transactions American Geophysical Union* **84** (38): 384.
- Eldredge, Niles.** 1980. “An Extravagance of Species.” *Natural History* **89** (July): 46-51.
- . 1981. “Do Gaps in the Fossil Record Disprove Descent with Modification?” *Creation/Evolution* **2** (Spring): 17-19.
- . 1982. *The Monkey Business: A Scientist Looks at Creationism*. New York: Washington Square Press.
- , ed. 1987. *The Natural History Reader in Evolution*. New York: Columbia University Press.
- . 1991a. *Fossils: The Evolution and Extinction of Species*. New York: Harry N. Abrams.
- . 1991b. *The Miner’s Canary: Unraveling the Mysteries of Extinction*. New York: Prentice Hall Press.
- . 1995. *Reinventing Darwin: The Great Debate at the High Table of Evolutionary Theory*. New York: John Wiley & Sons, Inc.
- . 1999. *The Pattern of Evolution*. New York: W. H. Freeman & Co.
- . 2000. *The Triumph of Evolution: And the Failure of Creationism*. New York: W. H. Freeman & Co.
- . 2004. *Why We Do It: Rethinking Sex and the Selfish Gene*. New York: W.W. Norton & Co.
- . 2005. *Darwin: Discovering the Tree of Life*. New York: W.W. Norton & Co.
- . 2008a. “Hierarchies and the Sloshing Bucket: Toward the Unification of Evolutionary Biology.” *Evolution: Education & Outreach* **1** (January): 10-15.
- . 2008b. “The Early ‘Evolution’ of ‘Punctuated Equilibria’.” *Evolution: Education & Outreach* **1** (April): 107-113.
- . 2008c. “Paleontology and Evolution.” *Evolution* **62** (June): 1544-1546.

- . 2008d. “Casting an Eye on Complexity.” *Evolution: Education & Outreach* **1** (October): 355-357.
- . 2009a. “Experimenting with Transmutation: Darwin, the *Beagle*, and Evolution.” *Evolution: Education & Outreach* **2** (March): 35-54.
- . 2009b. “A Question of Individuality: Charles Darwin, George Gaylord Simpson and Transitional Fossils.” *Evolution: Education & Outreach* **2** (June): 150-155.
- . 2010. “How Systematics Became ‘Phylogenetic’.” *Evolution: Education & Outreach* **3** (December): 491-494.
- . 2011. “Paleontology and Cornets: Thoughts on Material Cultural Evolution.” *Evolution: Education & Outreach* **4** (September): 364-373.
- . 2014. *Extinction and Evolution: What Fossils Reveal about the History of Life*. Buffalo, NY: Firefly Books.
- . 2015. *Eternal Ephemera: Adaptation and the Origin of Species from the Nineteenth Century Through Punctuated Equilibria and Beyond*. New York: Columbia University Press.
- Eldredge, Niles, & Gregory Eldredge.** 2009. “Lessons from *EEO*: Toward a Universal Evolutionary Curriculum.” *Evolution: Education & Outreach* **2** (December): 643-654.
- Eldredge, Niles, & Stephen Jay Gould.** 1988. “Punctuated equilibrium prevails.” *Nature* **332** (17 March): 211-212.
- Eldredge, Niles, & Stephen Jay Gould.** 1997. “On Punctuated Equilibrium,” with Response by **Jerry A. Coyne, & Brian Charlesworth.** *Science* **276** (18 April): 337-341.
- Eldredge, Niles, & Ian Tattersall.** 1982. *The Myths of Human Evolution*. New York: Columbia University Press.
- Eldredge, Niles, John N. Thompson, Paul M. Brakefield, Sergey Gavrilets, David Jablonski, Jeremy B. C. Jackson, Richard E. Lenski, Bruce S. Lieberman, Mark A. McPeck, & William Miller III.** 2005. “The dynamics of evolutionary stasis.” *Paleobiology* **31** (June Supplement): 133-145.
- Eldridge, F. E.** 1974. “A dicentric Robertsonian translocation in a Dexter Cow.” *Journal of Heredity* **65** (6): 353-355.
- . 1975. “High frequency of a Robertsonian translocation in a herd of British White cattle.” *The Veterinary Record* **97** (4): 71-73.
- Eleftherianos, Ioannis, & Christina Revenis.** 2010. “Role and Importance of Phenoloxidase in Insect Hemostasis.” *Journal of Innate Immunity* **3** (December): 28-33.
- Elegheert, Jonathan, Wataru Kakegawa, Jordan E. Clay, Natalie F. Shanks, Ester Behiels, Keiko Matsuda, Kazuhisa Kohda, Eriko Miura, Maxim Rossmann, Nikolaos Mitakidis, Junko Motohashi, Veronica T. Chang, Christian Siebold, Ingo H. Greger, Terunaga Nakagawa, Michisuke Yuzaki, & A. Radu Aricescu.** 2016. “Structural basis for integration of GluD receptors within synaptic organizer complexes.” *Science* **353** (15 July): 295-299.
- Elemans, Coen P. H., Andrew F. Mead, Lasse Jakobsen, & John M. Ratcliffe.** 2011. “Superfast Muscles Set Maximum Call Rate in Echolocating Bats.” *Science* **333** (30 September): 1885-1888.
- Elena, Santiago F.** 2012. “RNA Virus Genetic Robustness: Possible Causes and Some Consequences.” *Current Opinion in Virology* **2** (October): 525-530.
- Elena, Santiago F., Vaughn S. Cooper, & Richard E. Lenski.** 1996. “Punctuated Evolution Caused by Selection of Rare Beneficial Mutations.” *Science* **272** (21 June): 1802-1804.
- Elena, Santiago F., & Rafael Sanjuán.** 2003. “Climb Every Mountain?” *Science* **302** (19 December): 2074-2075.
- Elewa, Ashraf M. T.,** ed. 2010. *Morphometrics for Nonmorphometricians*. New York: Springer.
- Elf, Johan, Daniel Nilsson, Tanel Tenson, & Måns Ehrenberg.** 2003. “Selective Charging of tRNA Isoreceptors Explains Patterns of Codon Usage.” *Science* **300** (13 June): 1718-1722.
- Elgar, Greg.** 2009. “Pan-vertebrate conserved non-coding sequences associated with developmental regulation.” *Briefings in Functional Genomics and Proteomics* **8** (July):

- 256-265.
- Elgin, Ross A., David W. E. Hone, & Eberhard Frey.** 2011. "The extent of the pterosaur flight membrane." *Acta Palaeontologica Polonica* **56** (1): 99-111.
- Elgvin, Tore O., Jo S. Hermansen, Anna Fijarczyk, Timothée Bonnet, Thomas Borge, Stein A. Sæther, Kjetil L. Voje, & Glenn-Peter Sætre.** 2011. "Hybrid speciation in sparrows II: a role for sex chromosomes?" *Molecular Ecology* **20** (September): 3823-3837.
- Elias, Damien O., Maydianne C. B. Andrade, & Michael M. Kasumovic.** 2011. "Dynamic Population Structure and the Evolution of Spider Mating Systems," in Casas (2011, 65-114).
- Elias, Marilyn.** 2013. "Conspiracy Act." *SPLC Intelligence Report* (Winter): 12-16.
- Elias, Mikael, Alon Wellner, Korina Goldin-Azulay, Eric Chabriere, Julia A. Vorholt, Tobias J. Erb, & Dan S. Tawfik.** 2012. "The molecular basis of phosphate discrimination in arsenate-rich environments." *Nature* **491** (1 November): 134-137.
- Elias, Scott A.** 2001. "Beringian paleoecology: results from the 1997 workshop." *Quaternary Science Reviews* **20** (January): 7-13.
- Eliasmith, Chris, Terrence C. Stewart, Xuan Choo, Trevor Bekolay, Travis DeWolf, Charlie Tang, & Daniel Rasmussen.** 2012. "A Large-Scale Model of the Functioning Brain." *Science* **338** (30 November): 1202-1205.
- Elick, Jennifer M., Steven G. Driese, & Claudia I. Mora.** 1998. "Very large plant and root traces from the Early to Middle Devonian: Implications for early terrestrial ecosystems and atmospheric p(CO₂)." *Geology* **26** (February): 143-146.
- Elinder, Mikael, & Oscar Erixson.** 2012. "Gender, social norms, and survival in maritime disasters." *Proceedings of the National Academy of Sciences* **109** (14 August): 13220-13224.
- Elinson, Richard P.** 1987. "Change in Developmental Patterns: Embryos of Amphibians with Large Eggs," in Raff & Raff (1987, 1-21).
- Elinson, Richard P., & Yvonne Beckham.** 2002. "Development in frogs with large eggs and the origin of amniotes." *Zoology* **105** (2): 105-117.
- Eliopoulos, D., ed.** 2003. *Mineral Exploration and Sustainable Development*. Rotterdam: Millpress.
- Elior, Rachel.** 2010. "Tzimtzum: A Kabbalistic Approach to Creation." *Sh'ma* **40** (January): 2-4.
- Eliot, Andrew C., & Jack F. Kirsch.** 2004. "PYRIDOXAL PHOSPHATE ENZYMES: Mechanistic, Structural, and Evolutionary Considerations." *Annual Review of Biochemistry* **73**: 383-415.
- El Jundi, Basil, Eric J. Warrant, Marcus J. Byrne, Lana Khaldy, Emily Baird, Jochen Smolka, & Marie Dacke.** 2015. "Neural coding underlying the cue preference for celestial orientation." *Proceedings of the National Academy of Sciences* **112** (8 September): 11395-11400.
- Elkibbi, Maya, & José. A. Rial.** 2001. "An outsider's review of the astronomical theory of the climate: os the eccentricity-driven insolation the main driver of the ice ages?" *Earth-Science Reviews* **56** (December): 161-177.
- Elkins-Tanton, Linda T., Ben E. Mandler, & Roger R. Fu.** 2014. "Placing Vesta in the range of planetesimal differentiation models." *Proceedings of the Lunar and Planetary Science Conferences* **45**: abstract 2034.
- Ell, Douglas.** 2014a. "Can you count to GOD? Answer these questions." *Counting to God* posting (online text at www.countingtogod.com accessed 7/31/2014)
- . 2014b. "My Mission Trip to MIT." *Counting to God* posting (online text at www.countingtogod.com accessed 7/31/2014)
- . 2014c. "Something from Nothing—Atheists Pseudo-Science #1." *Counting to God* posting (online text at www.countingtogod.com accessed 8/19/2014)
- . 2014d. "Ell's Law." *Counting to God* 24 October posting (online text at www.countingtogod.com accessed 10/27/2014)
- . 2014e. "Our Special Earth." *Counting to God* 12 December posting (online text at www.countingtogod.com accessed 11/18/2014)

- Ellefson, Jared W., Jimmy Gollihar, Raghav Shroff, Haridha Shivram, Vishwanath R. Iyer, & Andrew D. Ellington.** 2016. "Synthetic evolutionary origin of a proofreading reverse transcriptase." *Science* **352** (24 June): 1590-1593.
- Ellegren, Hans.** 2009. "Is genetic diversity really higher in large populations?" *Journal of Biology* (online @ jbiol.com) **8** (21 April): 41.
- . 2010. "Evolutionary stasis: the stable chromosomes of birds." *Trends in Ecology & Evolution* **25** (May): 283-291.
- Ellegren, Hans, & Ariane Carmichael.** 2001. "Multiple and Independent Cessation of Recombination Between Avian Sex Chromosomes." *Genetics* **158** (May): 325-331.
- Ellegren, Hans, Linnéa Smeds, Reto Burri, Pall I. Olason, Niclas Backström, Takeshi Kawakami, Axel Künstner, Hannu Mäkinen, Krystyna Nadachowska-Brzyska, Anna Qvarnström, Severin Uebbing, & Jochen B. W. Wolf.** 2012. "The genomic landscape of species divergence in *Ficedula* flycatchers." *Nature* **491** (29 November): 756-760.
- Ellens, J. Harold.** 2013. "The Ancient Library of Alexandria." *Bible History Daily* 1 May posting (online text at www.biblicalarchaeology.org accessed 6/11/2014)
- Ellerbe, Arianne.** 2004. "We Didn't Start the Fire: The Origins Science Battle Rages on More Than 75 Years After *Scopes*." *Louisiana Law Review* **64** (Spring): 589-612.
- Ellerton, Peter.** 2015. "This is why you will lose your argument." *The Conversation* 14 June posting (online text at theconversation.com accessed 7/6/2015).
- Ellingsen, Dan-Mikael, Johan Wessberg, Marie Eikemo, Jaquette Liljencrantz, Tor Endestad, Håkan Olausson, & Siri Leknes.** 2013. "Placebo improves pleasure and pain through opposite modulation of sensory processing." *Proceedings of the National Academy of Sciences* **110** (29 October): 17993-17998.
- Ellington, Andrew D.** 1999. "Molecular Origins and the Null Hypothesis: Motifs From Our Maker?" *The Biological Bulletin* **196** (June): 315-319.
- . 2012. "Origins for Everyone." *Evolution: Education & Outreach* **5** (September): 361-366.
- Ellington, Andrew D., Maksim Khrapov, & Chad A. Shaw.** 2000. "The scene of a frozen accident." *RNA* **6** (April): 485-498.
- Ellington, Andrew D., Michael P. Robertson, & Jim Bull.** 1997. "Ribozymes in Wonderland." *Science* **276** (25 April): 546-547.
- Elliott, Alysha G., Christina Delay, Huanle Liu, Zaiyang Phua, K. Johan Rosengren, Aurélie H. Benfield, Jose L. Panero, Michelle L. Colgrave, Achala S. Jayasena, Kerry M. Dunse, Marilyn A. Anderson, Edward E. Schilling, Daniel Ortiz-Barrientos, David J. Craik, & Joshua S. Mylne.** 2014. "Evolutionary Origins of a Bioactive Peptide Buried within Preproalbumin." *The Plant Cell* **26** (March): 981-995.
- Elliott, Austin.** 2012. "Chapter 5: Earthquakes and Faulting in the Grand Canyon." University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics article (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Elliott, Austin C., Srinivasan Krishnan, Michael L. Sinnott, Paul J. Smith, Jeyashri Bommuswamy, Zhen Guo, Barry G. Hall, & Yulei Zhang.** 1992. "The catalytic consequences of experimental evolution: Studies on the subunit structure of the second (*ebg*) β -galactosidase of *Escherichia coli*, and on catalysis by *ebg*^{ab}, an experimental evolvant containing two amino acid substitutions." *Biochemical Journal* **292** (15 February): 155-164.
- Elliott, David A., Michael T. McIntosh, H. Dean Hosgood III, Shuo Chen, Gina Zhang, Pavlina Baevova, & Keith A. Joiner.** 2008. "Four distinct pathways of hemoglobin uptake in the malaria parasite *Plasmodium falciparum*." *Proceedings of the National Academy of Sciences* **105** (19 February): 2463-2468.
- Elliott, David A., Patricia Vickers-Rich, Peter Trusler, & Mike Hall.** 2011. "New evidence on the taphonomic context of the Ediacaran *Pteridinium*." *Acta Palaeontologica Polonica* **56** (3): 641-650.
- Elliott, David K.** 1987. "A Reassessment of *Astraspis desiderata*, the Oldest North American Vertebrate." *Science* **237** (10 July): 190-192.

- Elliott, David K., Randall B. Irmis, Michael C. Hansen, & Thomas J. Olson.** 2004. "Chondrichthyans from the Pennsylvanian (Desmoinesian) Naco Formation of Central Arizona." *Journal of Vertebrate Paleontology* **24** (June): 268-280.
- Elliott, Jock.** 2001. *Inventing Christmas: How Our Holiday Came to Be*. New York: Harry N. Abrams, Inc.
- Elliott, Justin.** 2011. "NPR sting also nets ... Pamela Geller?" *Salon.com* 8 March (online text at *salon.com* accessed 3/13/2011).
- Elliott, Patrick.** 2014. "Vouchers subsidize incompetent schools." *Freethought Today* **31** (January/February): 3.
- Elliott, Tim.** 2014. "Speed metal." *Science* **344** (6 June): 1086-1087.
- Elliott, Tim, & Sarah T. Stewart.** 2013. "Shadows cast on Moon's origin." *Nature* **504** (5 December): 90-91.
- Ellis, Bob.** 2007a. "Evolutionists Afraid Creation Museum Exposes Their Soft Underbelly." *Dakota Voice* 21 May posting (online text at *wwwdakotavoice.com* accessed 8/13/2013).
- . 2007b. "Father of Scientific Climatology: Global Warming is Heresy." *Dakota Voice* 18 June posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2009. "ClimateGate and Undermining of Science." *Dakota Voice* 3 December posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2011a. "Rabid Evolutionist Tries to Harass Rick Perry." *Dakota Voice* 19 August posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2011b. "Theory of Evolution is Anti-Science." *Dakota Voice* 13 October posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2012a. "The Scientific Absurdity of Atheism." *American Clarion* 10 January posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2012b. "Did You Know That Evolution Doesn't Know?" *American Clarion* 25 January posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2012c. "The Intolerant, Hypocritical Liberal Religion of Evolution." *American Clarion* 22 November posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013a. "A Look at Life Prior to the Flood of Noah." *American Clarion* 2 March posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013b. "The Origin of Fossils." *American Clarion* 4 April posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013c. "Evidence for a Young Earth." *American Clarion* 16 April posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013d. "Examining Theistic Evolution." *American Clarion* 25 April posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013e. "Radiocarbon in Diamonds." *American Clarion* 30 April posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013f. "The 'Mountain of Evidence' For Evolution." *American Clarion* 25 May posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013g. "Evolutionists Continue to Use Debunked Props." *American Clarion* 31 May posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- . 2013h. "Dragons: Fact or Fiction?" *American Clarion* 9 June posting (online text at *wwwdakotavoice.com* accessed 8/14/2013).
- Ellis, George.** 2008. "Patchy solutions." *Nature* **452** (13 March): 158-161.
- Ellis, George, & Joe Silk.** 2014. "Defending the integrity of physics." *Nature* **516** (18 December): 321-323.
- Ellis, John.** 1999. "Book on state history altered after evolution vote." *The Wichita Eagle* (Wichita, Kansas) posting 21 August: online text accessed 1/24/2001 (*wichitaeagle.com*, website not available as of 11/24/13).
- Ellis, John R., & Allen P. Minton.** 2003. "Join the crowd." *Nature* **425** (4 September): 27.
- Ellis, Mark W., & Paul G. Wolf.** 2010. "Teaching 'Species'." *Evolution: Education & Outreach* **3** (March): 89-98.
- Ellis, Nicholas A., Andrew M. Glazer, Nikunj N. Donde, Phillip A. Cleves, Rachel M.**

- Agolia, & Craig T. Miller.** 2015. “Distinct developmental genetic mechanisms underlie convergently evolved tooth gain in sticklebacks.” *Development (AKA Journal of Embryology and Experimental Morphology)* **142** (15 July): 2442-2451.
- Ellis, Ralph.** 2016. “Orlando shooting: 49 killed, shooter pledged ISIS allegiance.” *CNN* posting 13 June (online text at www.cnn.com accessed 6/13/2016).
- Ellis, Richard.** 1994. *Monsters of the Sea*. New York: Alfred A. Knopf.
- . 2001a. “The *Helicoprion* Mystery.” *Natural History* **110** (March): 76-77, 80.
- . 2001b. *Aquagenesis: The Origin and Evolution of Life in the Sea*. New York: Viking Press.
- . 2003. “Terrible Lizards of the Sea.” *Natural History* **112** (September): 36-41.
- Ellis, S. E., R. Panitch, A. B. West, & D. E. Arking.** 2016. “Transcriptome analysis of cortical tissue reveals shared sets of downregulated genes in autism and schizophrenia.” *Translational Psychiatry* (online @ nature.com) **6** (24 May): e817.
- Ellis, William E.** 1986. “Creationism in Kentucky: The Response of High School Biology Teachers,” in Hanson (1986, 73-90).
- Ellisdon, Andrew M., Cyril F. Reboul, Santosh Panjekar, Kitmun Huynh, Christine A. Oellig, Kelly L. Winter, Michelle A. Dunstone, Wayne C. Hodgson, Jamie Seymour, Peter K. Dearden, Rodney K. Tweten, James C. Whisstock, & Sheena McGowan.** 2015. “Stonefish toxin defines an ancient branch of the perforin-like superfamily.” *Proceedings of the National Academy of Sciences* **112** (15 December): 15360-15365.
- Ellison, Aaron M., & Nicholas J. Gotelli.** 2009. “Energetics and the Evolution of Carnivorous Plants—Darwin’s ‘most wonderful plants in the world’.” *Journal of Experimental Botany* **60** (January): 19-42.
- Ellison, Christopher E., & Doris Bachtrog.** 2013. “Dosage Compensation via Transposable Element Mediated Rewiring of a Regulatory Network.” *Science* **342** (15 November): 846-850.
- Ellison, Christopher E., Charles Hall, David Kowbel, Juliet Welch, Rachel B. Brem, N. L. Glass, & John W. Taylor.** 2011. “Population genomics and local adaptation in wild isolates of a model microbial eukaryote.” *Proceedings of the National Academy of Sciences* **108** (15 February): 2831-2836.
- Ellison, Christopher G., Jennifer B. Barrett, & Benjamin E. Moulton.** 2008. “Gender, Marital Status, and Alcohol Behavior: The Neglected Role of Religion.” *Journal for the Scientific Study of Religion* **47** (December): 660-677.
- Ellison, Christopher G., Matt Bradshaw, Runshine Rote, Jennifer Storch, & Marcie Trevino.** 2008. “Religion and Alcohol Use among College Students: Exploring the Role of Domain-Specific Religious Salience.” *Journal of Drug Issues* **38** (July): 821-846.
- Ellison, C. K., C. Wiley, & K. L. Shaw.** 2011. “The genetics of speciation: genes of small effect underlie sexual isolation in the Hawaiian cricket *Laupala*.” *Journal of Evolutionary Biology* **24** (May): 1110-1119.
- Ellsworth, S. M., S. R. Paul, & T. D. Bunch.** 1979. “A 14/28 dicentric Robertsonian translocation in a Holstein cow.” *Theriogenology* **11** (2): 165-171.
- Ellwanger, Paul.** 1998. “Evolutionism & a-centrism [formerly called heliocentrism]: their relationship to Christianity.” *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 1999. “Pro-Death Lynch-Pin is the Globally Ubiquitous Bioethics.” *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008a. “Sexual Harassment of Males.” *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008b. “The Silent Exterminator.” *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008c. “What Has Evolutionism Done for the Black Man?” *Origins* undated posting (online pdf at www.alcazar.net accessed 6/15/2011).
- Ellwood, Brooks B., Stephen L. Benoist, Ahmed El Hassani, Christopher Wheeler, & Rex E. Crick.** 2003. “Impact Ejecta Layer from the Mid-Devonian: Possible Connection to

- Global Mass Extinctions.” *Science* **300** (13 June): 1734-1737.
- . 2004. “Response to Comment on ‘Impact Ejecta Layer from the Mid-Devonian: Possible Connection to Global Mass Extinctions?’” *Science* **303** (23 January): 471.
- Elmendorf, R. G.** 1983. “Elmendorf Responds to Moore.” *Creation/Evolution* **4** (Summer): 39-42.
- . 2000. “The Labor of the Sun.” *The Biblical Astronomer* **10** (Spring): 19-30.
- . 2006. “How to Scientifically Trap, Test and Falsify Evolution (Backed Up By A \$5000 Guarantee!)” *Origins* posting revised version of 1978 text (online pdf at www.alcazar.net accessed 6/15/2011).
- Elmer, Kathryn R., Chiara Reggio, Thierry Wirth, Erik Verheyen, Walter Salzburger, & Axel Meyer.** 2009. “Pleistocene desiccation in East Africa bottlenecked but did not extirpate the adaptive radiation of Lake Victoria haplochromine cichlid fishes.” *Proceedings of the National Academy of Sciences* **106** (11 August): 13404-13409.
- Elmore, Don.** 2011. “A Few Answers to ‘Answers in Genesis’.” *Fellowship of God’s Covenant People* June sermon posting (online text at fgcp.org accessed 10/4/2011).
- El-Murr, Nizar, Marie-Christine Maurel, Martina Rihova, Jacques Vergne, Guy Hervé, Mikio Kato, & Kunio Kawamura.** 2012. “Behavior of a hammerhead ribozyme in aqueous solution at medium to high temperatures.” *Naturwissenschaften* **99** (September): 731-738.
- Elowitz, Michael B., Arnold J. Levine, Eric D. Siggia, & Peter S. Swain.** 2002. “Stochastic Gene Expression in a Single Cell.” *Science* **297** (16 August): 1183-1186.
- Elrod, Douglas A., Gary A. Heidt, Diana M. A. Eldrod, Melaney Birdsong, & Earl G. Zimmerman.** 1996. “A second species of pocket gopher in Arkansas.” *The Southwestern Naturalist* **41** (December): 395-398.
- El-Sagheer, Afaf H., & Tom Brown.** 2010. “New strategy for the synthesis of chemically modified RNA constructs exemplified by hairpin and hammerhead ribozymes.” *Proceedings of the National Academy of Sciences* **107** (31 August): 15329-15334.
- Elsberry, Wesley R.** 1999. “Review: The Design Inference.” *Reports of the National Center for Science Education* **19** (March-April): online text accessed 7/1/2009 (ncse.com).
- . 2000. “Enterprising science needs naturalism.” *Talk Reason* updated posting 5 September (online text at talkreason.org accessed 11/27/2005).
- . 2001a. “Arkansas House Bill 2548 is a composite of anti-evolutionary sources.” *AntiEvolution* posting (online text at www.anti-evolution.org accessed 1/1/2014).
- . 2001b. “Wesley R. Elsberry’s response to Pamela R. Winnick.” *AntiEvolution* posting (online text at www.anti-evolution.org accessed 3/26/2014).
- . 2004a. “‘Dances With Popper’: An Examination of Dembski’s Claims on Testability.” *Talk Reason* 8 May posting (online text at talkreason.org accessed 1/4/2005).
- . 2004b. “Meyer and Déjà vu Revisited.” *Panda’s Thumb* posting 26 September (online text at pandasthumb.org accessed 3/5/2011).
- . 2005. “The Galvanic Response.” *Talk Reason* 24 December posting (online text at talkreason.org accessed 1/9/2006).
- . 2006. “Can I Keep a Witness?” *Reports of the National Center for Science Education* **26** (January-April): 45-46.
- . 2007a. “Are ID Creationism Advocates Afraid to Acknowledge Past Debates?” *The Austringer* posting 11 April (online text at austringer.net accessed 10/11/2010).
- . 2007b. “The ‘Explore Evolution’ Companion.” *AntiEvolution* 14 July posting (online text at www.anti-evolution.org accessed 7/12/2016).
- . 2007c. “Logic and Math Turn to Smoke and Mirrors: William Dembski’s ‘Design Inference’,” in Petto & Godfrey (2007, 250-271).
- . 2007d. “Expelled: Texas Education Agency Fires Staffer for Announcing Talk by Barbara Forrest.” *The Austringer* posting 29 November (online text at austringer.net accessed 11/29/2007).
- . 2007e. “Iowa Citizens for Science Press Release on Gonzalez Case.” *Panda’s Thumb* posting 12 December (online text at pandasthumb.org accessed 12/12/2007).

- . 2007f. “Expelled: ‘Intelligent Design’ Advocates Gaming the System at Amazon.” *Panda’s Thumb* posting 20 December (online text at pandasthumb.org accessed 12/20/2007).
- . 2008a. “Flunked, Not Expelled: Gaming the Movie Ratings.” *The Austringer* posting 16 January (online text at austringer.net accessed 1/16/2008).
- . 2008b. “Florida: At Least We’ll Get to Say, ‘I Told You So.’” *Panda’s Thumb* posting 17 April (online text at pandasthumb.org accessed 4/17/2008).
- . 2008c. “Squeaking By in Florida.” *Panda’s Thumb* posting 3 May (online text at pandasthumb.org accessed 5/5/2008).
- . 2009a. “Florida: Reliving the Past.” *Panda’s Thumb* posting 9 February (online text at pandasthumb.org accessed 2/9/2009).
- . 2009b. “Illogic and Innumeracy at the Biologic Institute.” *The Austringer* posting 13 July (online text at austringer.net accessed 7/15/2009).
- . 2010a. “Luskin on Information: Part 0.” *The Austringer* posting 11 February (online text at austringer.net accessed 2/14/2010).
- . 2010b. “Annoying the Discovery Institute at SMU.” *Panda’s Thumb* posting 10 October (online text at pandasthumb.org accessed 10/11/2010).
- . 2011a. “Casey Luskin Has Come Unstuck In Time.” *Panda’s Thumb* posting 27 January (online text at pandasthumb.org accessed 1/27/2011).
- . 2011b. “A Journal Imposes Order, Rejects High Entropy Submission.” *Panda’s Thumb* posting 28 February (online text at pandasthumb.org accessed 3/5/2011).
- Elsberry, Wesley, & Mark Perakh.** 2004. “How Intelligent Design Advocates Turn the Sordid Lessons from Soviet and Nazi History Upside Down.” *Talk Reason* posting 20 April (online text at talkreason.org accessed 4/21/2004).
- Elsberry, Wesley, & Jeffrey Shallit.** 2003a. “Information theory, evolutionary computation, and Dembski’s ‘complex specified information’.” *Talk Reason* posting 16 November (online text at talkreason.org accessed 1/30/2011).
- . 2003b. “Eight Challenges for Intelligent Design Advocates.” *Reports of the National Center for Science Education* **23** (September-December): online text accessed 6/29/2009 (ncse.com).
- . 2011. “Information theory, evolutionary computation, and Dembski’s ‘complex specified information’.” *Synthese* **178** (January #2): 237-270.
- Elsila, Jamie E., Daniel P. Glavin, Jason P. Dworkin, Zita Martins, & Jeffrey L. Bada.** 2012. “Inconclusive evidence for nonterrestrial isoleucine enantiomeric excesses in primitive meteorites.” *Proceedings of the National Academy of Sciences* **109** (27 November): E3288.
- Elsner, Alan.** 2005. “Robertson Says Town Rejects God.” *The Washington Post* Reuters posting 11 November: online text accessed 9/1/2014 (www.washingtonpost.com).
- Elston, Donald P.** 1989. “Grand Canyon Supergroup, Northern Arizona: Stratigraphic summary and preliminary paleomagnetic correlations with parts of other North American Proterozoic successions,” in Jenney & Reynolds (1989, 259-272).
- Elston, Donald P., & Edwin H. McKee.** 1982. “Age and correlation of the late Proterozoic Grand Canyon disturbance, northern Arizona.” *The Geological Society of America GSA Bulletin* **93** (August): 681-699.
- Eltink, Estevan, & Max C. Langer.** 2014. “A new specimen of the temnospondyl *Australerpeton cosgriffi* from the Late Permian of Brazil (Rio do Rasto Fomation, Paraná Basin): Comparative anatomy and phylogenetic relationships.” *Journal of Vertebrate Paleontology* **34** (May): 524-538.
- Eltis, Lindsay D., & Jeffrey T. Bolin.** 1996. “Evolutionary Relationships among Extradiol Dioxygenases.” *Journal of Bacteriology* **178** (October, No. 20): 5930-5937.
- Elton, Sarah.** 2008. “The environmental context of human evolutionary history in Eurasia and Africa.” *Journal of Anatomy* **212** (April): 377-393.
- Elwood, James.** 2003. “Hating Heroes: SWARMing to BAN Good People.” *American Patriot* posting (online text at www.americanpatriot.com accessed 7/10/2014).
- Ely, Bert, Tracey W. Ely, William B. Crymes Jr., & Scott A. Minnich.** 2000. “A Family of

- Six Flagellin Genes Contributes to the *Caulobacter crescentus* Flagellar Filament.” *Journal of Bacteriology* **182** (September, No. 17): 5001-5004.
- Elżanowski, Andrzej.** 2001. “A new genus and species for the largest specimen of *Archaeopteryx*.” *Acta Palaeontologica Polonica* **46** (4): 519-532.
- Elżanowski, Andrzej, & Jim Ostell.** 2007. “The Genetic Codes.” National Center for Biotechnology Information (National Institutes of Health) *NCBI Taxonomy* posting updated 4 December (online text at *ncbi.nlm.nih.gov* accessed 5/29/2008).
- Elżanowski, Andrzej, & Jim Ostell.** 2010. “The Genetic Codes.” National Center for Biotechnology Information (National Institutes of Health) *NCBI Taxonomy* posting updated 7 July (online text at *ncbi.nlm.nih.gov* accessed 3/16/2011).
- Elżanowski, Andrzej, & Jim Ostell.** 2013. “The Genetic Codes.” National Center for Biotechnology Information (National Institutes of Health) *NCBI Taxonomy* posting updated 30 April (online text at *ncbi.nlm.nih.gov* accessed 5/2/2013).
- Elżanowski, Andrzej, & Peter Wellnhofer.** 1996. “Cranial morphology of *Archaeopteryx*: evidence from the seventh skeleton.” *Journal of Vertebrate Paleontology* **16** (January): 81-94.
- Emanuel, Ezekiel J.** 1994. “The history of euthanasia debates in the United States and Britain.” *Annals of Internal Medicine* **121** (15 November): 793-802.
- Emanuel, Kerry.** 2005. “Increasing destructiveness of tropical cyclones over the past 30 years.” *Nature* **436** (4 August): 686-688.
- Embassy Institute.** 2013. “Featured Speakers.” *Embassy Institute* undated posting (online text at *embassyinstitute.org* accessed 1/15/2014).
- Emby, T. Martin.** 2006. “Multiple secondary origins of the anaerobic lifestyle in eukaryotes.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 1056-1067.
- Emby, T. Martin, & William Martin.** 2006. “Eukaryotic evolution, changes and challenges.” *Nature* **440** (30 March): 623-630.
- Emby, T. Martin, Mark van der Giezen, David S. Horner, Patricia L. Dyal, Samantha Bell, & Peter G. Foster.** 2009. “Hydrogenosomes, Mitochondria and Early Eukaryotic Evolution.” *International Union of Biochemistry and Molecular Biology Life* **55** (July): 387-395.
- Emby, T. Martin, & Tom A. Williams.** 2015. “Steps on the road to eukaryotes.” *Nature* **521** (14 May): 169-170.
- Emera, Deena, Claudio Casola, Vincent J. Lynch, Derek E. Wildman, Dalen Agnew, & Günter P. Wagner.** 2011. “Convergent Evolution of Endometrial Prolactin Expression in Primates, Mice, and Elephants Through the Independent Recruitment of Transposable Elements.” *Molecular Biology and Evolution* **29** (January): 239-247.
- Emera, Deena, & Günter P. Wagner.** 2012. “Transformation of a transposon into a derived prolactin promoter with function during human pregnancy.” *Proceedings of the National Academy of Sciences* **109** (10 July): 11246-11251.
- Emera, Deena, Jun Yin, Steven K. Reilly, Jake Gockley, & James P. Noonan.** 2016. “Origin and evolution of developmental enhancers in the mammalian neocortex.” *Proceedings of the National Academy of Sciences* **113** (10 May): E2617-E2626.
- Emerald, B. Starling.** 2001. “Homeotic Gene *Ultrabithorax* and Specification of Haltere Identity in *Drosophila*.” *Proceedings of the Indian National Science Academy B* (Biological Sciences) **67** (1-2): 43-52.
- Emerson, Brent C., Pedro Oromi, & Godfrey M. Hewitt.** 2000. “Tracking colonization and diversification of insect lineages on islands: mitochondrial DNA phylogeography of *Tarphius canariensis* (Coleoptera: Colydiidae) on the Canary Islands.” *Proceedings of the Royal Society of London B* (Biological Sciences) **267** (7 November): 2199-2205.
- Emerson, J. J., Margarida Cardoso-Moreira, Justin O. Borevitz, & Manyuan Long.** 2008. “Natural Selection Shapes Genome-Wide Patterns of Copy-Number Polymorphism in *Drosophila melanogaster*.” *Science* **320** (20 June): 1629-1631.
- Emerson, J. J., Henrik Kaessmann, Esther Betrán, & Manyuan Long.** 2004. “Extensive

- Gene Traffic on the Mammalian X Chromosome.” *Science* **303** (23 January): 537-540.
- Emerson, J. J., & Wen-Hsiung Li.** 2010. “The genetic basis of evolutionary change in gene expression levels.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (August): 2581-2590.
- Emerson, Kevin J., Clayton R. Merz, Julian M. Catchen, Paul A. Hohenlohe, William A. Cresko, William E. Bradshaw, & Christina M. Holzapfel.** 2010. “Resolving postglacial phylogeography using high-throughput sequencing.” *Proceedings of the National Academy of Sciences* **107** (7 September): 16196-16200.
- Emery, Ben.** 2010. “Regulation of Oligodendrocyte Differentiation and Myelination.” *Science* **330** (5 November): 779-782.
- Emery, David.** 2013. “Nephilim Skeletons.” *Urban Legends* 30 September posting (online text at urbanlegends.about.com accessed 1/3/2014).
- Emery, Nathan J., & Nicola S. Clayton.** 2004. “The Mentality of Crows: Convergent Intelligence in Corvids and Apes.” *Science* **306** (10 December): 1903-1907.
- Emery, Nathan J., Amanda M. Seed, Auguste M. P. von Bayern, & Nicola S. Clayton.** 2007. “Cognitive adaptations of social bonding in birds.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **362** (April): 489-505.
- Emery Thompson, Melissa, James H. Jones, Anne E. Pusey, Stella Brewer-Marsden, Jane Goodall, David Marsden, Tetsuro Matsuzawa, Toshisada Nishida, Vernon Reynolds, Yukimaru Sugiyama, & Richard W. Wrangham.** 2007. “Aging and fertility patterns in wild chimpanzees provide insights into the evolution of menopause.” *Current Biology* **18** (18 December): 2150-2156.
- Emes, Richard D., Leo Goodstadt, Eitan E. Winter, & Chris P. Ponting.** 2003. “Comparison of the genomes of human and mouse lays the foundation of genome zoology.” *Human Molecular Genetics* **12** (1 April): 701-709.
- Emes, Richard David, & Seth G. N. Grant.** 2011. “The Human Postsynaptic Density Shares Conserved Elements with Proteomes of Unicellular Eukaryotes and Prokaryotes.” *Frontiers in Neuroscience* (online @ frontiersin.org) **5** (31 March): 44.
- Emes, Richard D., Andrew J. Pocklington, Christopher N. G. Anderson, Alex Bayes, Mark O. Collins, Catherine A. Vickers, Mike D. R. Croning, Bilal R. Malik, Jyoti S. Choudhary, J. Douglas Armstrong, & Seth G. N. Grant.** 2008. “Evolutionary expansion and anatomical specialization of synapse proteome complexity.” *Nature Neuroscience* **11** (July): 799-806.
- Emiliani, Cesare.** 1966. “Isotopic Paleotemperatures.” *Science* **154** (18 November): 851-857.
- . 1970. “Pleistocene Paleotemperatures.” *Science* **168** (15 May): 822-825.
- . 1992. *Planet Earth: Cosmology, Geology, and the Evolution of Life and Environment*. Cambridge: Cambridge University Press.
- Emilsson, Valur, Gudmar Thorleifsson, Bin Zhang, Amy S. Leonardson, Florian Zink, Jun Zhu, Sonia Carlson, Agnar Helgason, G. Bragi Walters, Steinunn Gunnarsdottir, Magali Mouy, Valgerdur Steinthorsdottir, Gudrun H. Eiriksdottir, Gyda Bjornsdottir, Inga Reynisdottir, Daniel Gudbjartsson, Anna Helgadóttir, Aslaug Jonasdottir, Adalbjorg Jonasdottir, Unnar Styrkarsdottir, Solveig Gretarsdottir, Kristinn P. Magnusson, Hreinn Stefansson, Ragnheidur Fossdal, Kristleifur Kristjansson, Hjortur G. Gislason, Tryggvi Stefansson, Bjorn G. Leifsson, Unnar Thorsteinsdottir, John R. Lamb, Jeffrey R. Gulcher, Marc L. Reitman, Augustine Kong, Eric E. Schadt, & Kari Stefansson.** 2008. “Genetics of gene expression and its effect on disease.” *Nature* **452** (27 March): 423-428.
- Emlen, Douglas J., Laura Corley Lavine, & Ben Ewen-Campen.** 2007. “On the origin and evolutionary diversification of beetle horns.” *Proceedings of the National Academy of Sciences* **104** (15 May): 8661-8668.
- Emlen, D. J., Q. Szafran, L. S. Corley, & I. Dworkin.** 2006. “Insulin signaling and limb-patterning: candidate pathways for the origin and evolutionary diversification of beetle ‘horns’.” *Heredity* **97** (September): 179-191.
- Emlen, Douglas J., Ian A. Warren, Annika Johns, Ian Dworkin, & Laura Corley Lavine.**

2012. “A Mechanism of Extreme Growth and Reliable Signaling in Sexually Selected Ornaments and Weapons.” *Science* **337** (17 August): 860-864.
- Emling, Shelley.** 2010. “Mary Anning: Fossil Hunter.” *Reports of the National Center for Science Education* **30** (May-June): 23-24.
- Emmons, Scott W.** 2012. “The Mood of a Worm.” *Science* **338** (26 October): 475-476.
- Emonts, B. H. C., M. D. Lehnert, M. Villar-Martín, R. P. Norris, R. D. Ekers, G. A. van Moorsel, H. Dannerbauer, L. Pentericci, G. K. Miley, J. R. Allison, E. M. Sadler, P. Guillard, C. L. Carilli, M. Y. Mao, H. J. A. Röttgering, C. De Breuck, N. Seymour, B. Gullberg, D. Ceverino, P. Jagannathan, J. Vernet, & B. T. Indermuehle.** 2016. “Molecular gas in the halo fuels the growth of a massive cluster galaxy at high redshift.” *Science* **354** (2 December): 1128-1130.
- Enami, Masaki, & Qijia Zang.** 1990. “Quartz pseudomorphs after coesite in eclogites from Shandong province, east China.” *American Mineralogist* **75**: 381-386.
- Enard, David, Le Cai, Carina Gwennap, & Dmitri A. Petrov.** 2016. “Viruses are a dominant driver of protein adaptation in mammals.” *eLife* (online @ elifesciences.org) **5** (17 May): e12469.
- Enard, Wolfgang, Sabine Gehre, Kurt Hammerschmidt, Sabine M. Hölter, Torsten Blass, Mehmet Somel, Martina K. Brückner, Christiane Schreiwies, Christine Winter, Reinhard Sohr, Lore Becker, Victor Wiebe, Birgit Nickel, Thomas Giger, Uwe Müller, Matthias Groszer, Thure Adler, Antonio Aguilar, Ines Bolle, Julia Calzada-Wack, Claudia Dalke, Nicole Ehrhardt, Jack Favor, Helmut Fuchs, Valérie Gailus-Durner, Wolfgang Hans, Gabriele Hölzlzimmer, Anahita Javaheri, Svetoslav Kalaydjiev, Magdalena Kallnik, Eva Kling, Sandra Kunder, Iliona Moßbrugger, Beatrix Naton, Ildikó Racz, Birgit Rathkolb, Jan Rozman, Anja Schrewe, Dirk H. Busch, Jochen Graw, Boris Ivandic, Martin Klingenspor, Thomas Klopstock, Markus Ollert, Leticia Quintanilla-Martinez, Holger Schulz, Eckhard Wolf, Wolfgang Wurst, Andreas Zimmer, Simon E. Fisher, Rudolf Morgenstern, Thomas Arendt, Martin Hrabé de Angelis, Julia Fischer, Johannes Schwartz, & Svante Pääbo.** 2009. “A Humanized Version of Foxp2 Affects Cortico-Basal Ganglia Circuits in Mice.” *Cell* **137** (29 May): 961-971.
- Enard, Wolfgang, Philipp Khaitovich, Joachim Klose, Sebastian Zöllner, Florian Heissig, Patrick Giavalisco, Kay Nieselt-Struwe, Elaine Muchmore, Ajit Varki, Riuka Ravid, Gaby M. Doxiadis, Ronald E. Bontrop, & Svante Pääbo.** 2002. “Intra- and Interspecific Variation in Primate Gene Expression Patterns.” *Science* **296** (12 April): 340-343.
- Enard, Wolfgang, Molly Przeworski, Simon E. Fisher, Cecilia S. L. Lai, Victor Wiebe, Takashi Kitano, Anthony P. Monaco, & Svante Pääbo.** 2002. “Molecular evolution of *FOXP2*, a gene involved in speech and language.” *Nature* **418** (22 August): 869-872.
- The ENCODE Project Consortium.** 2011. “A User’s Guide to the Encyclopedia of DNA Elements (ENCODE).” *PLoS Biology* (online @ plosbiology.org) **9** (April): e1001046.
- . 2012. “An integrated encyclopedia of DNA elements in the human genome.” *Nature* **489** (6 September): 57-74.
- Ender, Christine, & Gunter Meister.** 2010. “Argonaute proteins at a glance.” *Journal of Cell Science* **123** (1 June): 1819-1823.
- Endersby, Jim.** 2003. “Escaping Darwin’s Shadow.” *Journal of the History of Biology* **36** (Summer): 385-403.
- . 2009. “Lumpers and Splitters: Darwin, Hooker, and the Search for Order.” *Science* **326** (11 December): 1496-1499.
- Endler, John A., Paul W. Mielke Jr., & Laura A. Kelley.** 2012. “Response to Comment on ‘Illusions Promote Mating Success in Great Bowerbirds’.” *Science* **337** (20 July): 292.
- Endo, Hideki, Daishiro Yamagiwa, Yoshihiro Hayashi, Hiroshi Koie, Yoshiki Yamaya, & Junpei Kimura.** 1999. “Role of the giant panda’s ‘pseudo-thumb’.” *Nature* **397** (28 January): 309-310.
- Endo, Shunsuke, Izabella Nowak, & Simon R. Wallis.** 2013. “High-pressure garnet amphibolite from the Funaokayama unit, western Kii Peninsula and the extent of eclogite

- facies metamorphism in the Sanbagawa belt.” *Journal of Mineralogical and Petrological Sciences* **108** (August): 189-200.
- Endo, S., S. Wallis, T. Hirata, R. Anczkiewicz, J. Platt, M. Thirlwall, & Y. Asahara.** 2009. “Age and early metamorphic history of the Sanbagawa belt: Lu-Hf and *P-T* constraints from the Western Iratsu eclogite.” *Journal of Metamorphic Geology* **27** (June): 371-384.
- Endow, Sharyn A., F. Jon Kull, & Honglei Lu.** 2010. “Kinesins at a glance.” *Journal of Cell Science* **123** (15 October): 3420-3424.
- Endress, Ansgar D., Sarah Carden, Elisabetta Versace, & Marc D. Hauser.** 2010. “The apes’ edge: positional learning in chimpanzees and humans.” *Animal Cognition* **13** (May): 483-495.
- Endress, Ansgar D., & Marc D. Hauser.** 2009. “Syntax-induced pattern deafness.” *Proceedings of the National Academy of Sciences* **106** (8 December): 21001-21006.
- Endress, Peter K.** 2010. “The evolution of floral biology in basal angiosperms.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (February): 411-421.
- Endress, Peter K., & James A. Doyle.** 2009. “Reconstructing the ancestral angiosperm flower and its initial specializations.” *American Journal of Botany* **96** (January): 22-66.
- Enfield, N. J.** 2008. “Language as shaped by social interaction.” *Behavioral and Brain Sciences* **31** (5): 519-520.
- Engber, Daniel.** 2008a. “The Paranoid Style in American Science.” *Slate.com* Part 1 posting 15 April (online text at www.slate.com accessed 7/10/2008).
- . 2008b. “The Paranoid Style in American Science.” *Slate.com* Part 2 posting 16 April (online text at www.slate.com accessed 7/10/2008).
- . 2008c. “The Paranoid Style in American Science.” *Slate.com* Part 3 posting 17 April (online text at www.slate.com accessed 7/10/2008).
- . 2016. “Who Will Debunk The Debunkers?” *FiveThirtyEight* 28 April posting (online text at fivethirtyeight.com accessed 5/12/2016).
- Engdahl, F. William.** 2008. “Global warming hoax exposed by record global cold.” *Origins* posting of globalresearch.ca 7 April article (online pdf at www.alcazar.net accessed 6/15/2011).
- Engebretson, David C., Kevin P. Kelley, Harold J. Cashman, & Mark A. Richards.** 1992. “180 Million Years of Subduction.” *GSA Today* **2** (May): 93-95, 100.
- Engel, Annette Summers, Libby A. Stern, & Philip C. Bennett.** 2004. “Microbial contributions to cave formation: New insights into sulfuric acid speleogenesis.” *Geology* **32** (May): 369-372.
- Engel, Cindy.** 2002. *Wild Health: How Animals Keep Themselves Well and What We Can Learn from Them*. Boston: Houghton Mifflin Company.
- Engel, Frederic.** 1957. “Early Sites in the Pisco Valley of Peru: Tambo Colorado.” *American Antiquity* **23** (July): 34-45.
- Engel, Jürgen, Vladimir P. Efimov, & Patrik Maurer.** 1994. “Domain organizations of extracellular matrix proteins and their evolution.” *Development (AKA Journal of Embryology and Experimental Morphology)* 1994 Supplement: 35-42.
- Engel, M. H., & S. A. Macko.** 1997. “Isotopic evidence for extraterrestrial non-racemic amino acids in the Murchison meteorite.” *Nature* **389** (18 September): 265-268.
- . 2001. “The stereochemistry of amino acids in the Murchison meteorite.” *Precambrian Research* **106** (February): 35-45.
- Engel, Michael S.** 2005. “A remarkable kalligrammatid lacewing from the Upper Jurassic of Kazakhstan (Neuroptera: Kalligrammatidae).” *Transactions of the Kansas Academy of Science* **108** (Spring): 59-62.
- . 2015. “Insect evolution.” *Current Biology* **25** (5 October): R868-R872.
- Engel, Michael S., & David A. Grimaldi.** 2004. “New light shed on the oldest insect.” *Nature* **427** (12 February): 627-630.
- . 2005. “Primitive New Ants in Cretaceous Amber from Myanmar, New Jersey, and Canada (Hymenoptera: Formicidae).” *American Museum Novitates* **3485** (25 July): 1-23.

- Engel, Michael S., André Nel, Dany Azar, Carmen Soriano, Paul Tafforeau, Didier Néraudeau, Jean-Paul Colin, & Vincent Perrichot.** 2011. "New, primitive termites (Isoptera) from Early Cretaceous ambers of France and Lebanon." *Palaeodiversity* **4**: 39-49.
- Engelberth, Juergen, Hans T. Alborn, Eric A. Schmelz, & James H. Tumlinson.** 2004. "Airborne signals prime plants against insect herbivore attack." *Proceedings of the National Academy of Sciences* **101** (10 February): 1781-1785.
- Engelhardt, Harald.** 2007. "Are S-layers exoskeletons? The basic function of protein surface layers revisited." *Journal of Structural Biology* **160** (November): 115-124.
- Engelhart, Aaron E., & Nicholas V. Hud.** 2010. "Primitive Genetic Polymers." *Cold Spring Harbor Perspectives in Biology* **2** (December): a002196.
- Engelhart, Aaron E., Matthew W. Powner, & Jack W. Szostak.** 2013. "Functional RNAs exhibit tolerance for non-heritable 2'-5' versus 3'-5' backbone heterogeneity." *Nature Chemistry* **5** (14 April): 390-394.
- Engelhart, Katie.** 2014. "After a schism, a question: Can atheist churches last?" *CNN Belief Blog* posting 4 January (online text at religion.blogs.cnn.com accessed 1/10/2014).
- Engelman, D. M., T. A. Steitz, & A. Goldman.** 1986. "Identifying Nonpolar Transbilayer Helices in Amino Acid Sequences of Membrane Proteins." *Annual Review of Biophysics and Biophysical Chemistry* **15**: 321-353.
- Engelman, Jeffrey A., Ji Luo, & Lewis C. Cantley.** 2006. "The evolution of phosphatidylinositol 3-kinases as regulators of growth and metabolism." *Nature Reviews Genetics* **7** (August): 606-619.
- Engelmann, G., & G. Callison.** 1998. "Mammalian faunas of the Morrison Formation." *Modern Geology* **23** (1-4): 343-380.
- Engen, Josh.** 2012. "Minnesota Creationists Hate PZ Myers." *Crocoduck* 20 February posting (online text at www.crocoduck.com accessed 3/10/2012).
- Engen, Steinar, Russell Lande, & Bernt-Erik Saether.** 2005. "Effective Size of a Fluctuating Age-Structured Population." *Genetics* **170** (June): 941-954.
- England, Jeremy L.** 2013. "Statistical physics of self-replication." *The Journal of Chemical Physics* **139** (September): 121923.
- England, John H., & Mark F. A. Furze.** 2008. "New evidence from the western Canadian Arctic Archipelago for the resubmergence of Bering Strait." *Quaternary Research* **70** (July): 60-67.
- England, Philip C., & Richard F. Katz.** 2010. "Melting above the anhydrous solidus controls the location of volcanic arcs." *Nature* **467** (7 October): 700-703.
- England, Philip, Peter Molnar, & Frank Richter.** 2007a. "John Perry's neglected critique of Kelvin's age for the Earth: A missed opportunity in geodynamics." *GSA Today* **17** (January): 4-9.
- . 2007a. "Kelvin, Perry and the Age of the Earth." *American Scientist* **95** (July-August): 342-349.
- Englander, S. Walter, & Leland Mayne.** 2014. "The nature of protein folding pathways." *Proceedings of the National Academy of Sciences* **111** (11 November): 15873-15880.
- Englert, Markus, Kelly Sheppard, Aaron Aslanian, John R. Yates III, & Dieter Söll.** 2011. "Archaeal 3'-phosphate RNA splicing ligase characterization identifies the missing component in tRNA maturation." *Proceedings of the National Academy of Sciences* **108** (25 January): 1290-1295.
- English, Tom.** 2014. "The censorial anti-ID activist is... Bob O'Hara?" *Bounded Science* 25 August posting (online text at boundedtheoretics.blogspot.com/ accessed 8/28/2014).
- Engreitz, Jesse M., Amy Pandya-Jones, Patrick McDonel, Alexander Shishkin, Klara Sirokman, Christine Surka, Sabah Kadri, Jeffrey Xing, Alon Goren, Eric S. Lander, Kathrin Plath, & Mitchell Guttman.** 2013. "The Xist lncRNA Exploits Three-Dimensional Genome Architecture to Spread Across the X Chromosome." *Science* **341** (16 August): 1237973 (online at sciencemag.org).
- Engs, Ruth C., & Kenneth Mullen.** 1999. "The effect of religion and religiosity on drug use

- among a selected sample of post secondary students in Scotland.” *Addiction Research* 7 (2): 149-170.
- Engwerde, Christian R., & Michael F. Good.** 2012. “Platelets Kill the Parasite Within.” *Science* 338 (7 December): 1304-1305.
- Enloe, Tim.** 2009. “A Christian Answer to the Euthyphro Dilemma.” *Societas Christiana* 3 March posting (online text at www.thediscardedimage.com accessed 10/31/2011).
- Ennis, Dawn.** 2015a. “‘We Will Burn.’ Texas Pastor to Set Himself Aflame if Marriage Equality Wins.” *Advocate* 22 June posting (online text at www.advocate.com accessed 6/27/2015).
- . 2015b. “Texas Pastor Now Says He Didn’t Mean He’d Really Set Himself Aflame.” *Advocate* 27 June posting (online text at www.advocate.com accessed 6/27/2015).
- Enns, Pete.** 2010a. “Genesis 1 and a Babylonian Creation Story.” *The BioLogos Forum* 18 May posting (online text at biologos.org accessed 5/19/2011).
- . 2010b. “Does God Talk to Us Through Fiction? Unpacking a Non-Literal Interpretation of the Bible.” *Huffington Post* posting 7 July (online text at huffingtonpost.com accessed 7/18/2010).
- . 2011a. “Paul’s Adam (Part I).” *The BioLogos Forum* posting 9 March (online text at biologos.org accessed 9/29/2011).
- . 2011b. “Paul’s Adam (Part 2).” *The BioLogos Forum* posting 16 March (online text at biologos.org accessed 9/29/2011).
- . 2011c. “Paul’s Adam (Part 3).” *The BioLogos Forum* posting 23 March (online text at biologos.org accessed 9/29/2011).
- . 2011d. “Paul’s Adam (Part 4).” *The BioLogos Forum* posting 30 March (online text at biologos.org accessed 9/29/2011).
- . 2011e. “Still More Recurring Mistakes in the Adam/Eve Evolution Discussion (3).” *Patheos* posting 17 November (online text at www.patheos.com accessed 12/7/2011).
- . 2011f. “Two Final Mistakes in the Adam/Eve Evolution Discussion (4).” *Patheos* posting 17 November (online text at www.patheos.com accessed 12/7/2011).
- Enomoto, Kazuki, Naoyuki Matsumoto, Sadamu Nakai, Takemasa Satoh, Tatsuo K. Sato, Yasumasa Ueda, Hitoshi Inokawa, Masahiko Haruno, & Minoru Kimura.** 2011. “Dopamine neurons learn to encode the long-term value of multiple future rewards.” *Proceedings of the National Academy of Sciences* 108 (13 September): 15462-15467.
- Enos, Ryan D.** 2014. “Causal effect of intergroup contact on exclusionary attitudes.” *Proceedings of the National Academy of Sciences* 111 (11 March): 3699-3704.
- Enright, Anton J., Victor Kunin, & Christos A. Ouzounis.** 2003. “Protein families and TRIBES in genome sequence space.” *Nucleic Acids Research* 31 (1 August): 4632-4638.
- Enroth, Ronald.** 1985. “Cults and the Christian.” *Fundamentalist Journal* 4 (October): 25-27.
- Enserink, Martin.** 1999. “Fossil Opens Window On Early Animal History.” *Science* 286 (3 December): 1829.
- . 2010a. “Elsevier to Editor: Change Controversial Journal of Resign.” *Science* 327 (12 March): 1316.
- . 2010b. “French Nobelist Escapes ‘Intellectual Terror’ to Pursue Radical Ideas in China.” *Science* 330 (24 December): 1732.
- Enterline, James Robert.** 1972. *Viking America: The Norse Crossings and Their Legacy*. Garden City, NY: Doubleday.
- Enting, Ian G.** 2009. “Ian Plimer’s ‘Heaven + Earth’—Checking the Claims.” *ARC Centre of Excellence for Mathematics and Statistics of Complex Systems* (University of Melbourne) posting (online pdf at www.complex.org.au accessed 1/5/2012).
- Entringer, Sonja, Elissa S. Epel, Robert Kumsta, Jue Lin, Dirk H. Hellhammer, Elizabeth H. Blackburn, Stefan Wüst, & Pathik D. Wadhwa.** 2011. “Stress exposure in intrauterine life is associated with shorter telomere length in your adulthood.” *Proceedings of the National Academy of Sciences* 108 (16 August): E513-E518.
- Environment Canada.* 2008. “Frequently Asked Questions about the Science of Climate Change—2008 Update.” *Environment Canada* posting (online text at www.ec.gc.ca accessed 2/19/2011).

- Enyart, Bob.** 2005. “Enyart Exhumes Eugenie Scott.” *Real Science Friday* 6 May summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2007a. “What Does the Bible Say About Polygamy?” *Bob Enyart Live* undated article (online text at *kgov.com* accessed 6/19/2014).
- . 2007b. “What Does the Bible Say About Slavery?” *Bob Enyart Live* undated article (online text at *kgov.com* accessed 6/19/2014).
- . 2008. “A Christian Answer to Euthyphro’s Dilemma.” *TheologyOnline* 24 February posting (online text at *www.theologyonline.com* accessed 10/31/2011).
- . 2009a. “Darwin Was Wrong about the Tree of Life.” *Real Science Friday* 19 May summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2009b. “RSF and Jurassic Park’s Jack Horner.” *Real Science Friday* 14 August summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2009c. “What Does the Bible Say About Polygamy?” *Bob Enyart Live* 8 October updated article (online text at *kgov.com* accessed 6/19/2014).
- . 2010a. “Enyart Debates Hannam on Theistic Evolution.” *Real Science Friday* 15 April summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2010b. “Jonathan Sarfati vs. Richard Dawkins.” *Real Science Friday* 27 April summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2010c. “Steve Austin on Mt. St. Helens.” *Real Science Friday* 14 May summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2010d. “PZ Myers Trochlea Challenge.” *Real Science Friday* 22 June summary of broadcast topic (online text at *kgov.com* accessed 10/5/2011).
- . 2011a. “What technologies needed Darwin or an old earth?” *Real Science Friday* 3 June summary of broadcast topic (online text at *kgov.com* accessed 10/10/2013).
- . 2011b. “What is the Firmament of Day 2?” *Bob Enyart Live* updated article (online text at *kgov.com* accessed 6/19/2014).
- . 2012a. “Remember the Nautiloids!” *Bob Enyart Live* 23 March summary of broadcast topic (online text at *kgov.com* accessed 6/12/2014).
- . 2012b. “Dinosaurs, Fossils & Montana’s Best Museum.” *Real Science Friday* 30 March summary of broadcast topic (online text at *kgov.com* accessed 2/21/2013).
- . 2012c. “Many Modern Birds Found in Dinosaur Layers.” *Bob Enyart Live* 4 August summary of broadcast topic (online text at *kgov.com* accessed 6/7/2014).
- . 2012d. “A Creationist Interviews Lawrence Krauss.” *Bob Enyart Live* 21 September summary of broadcast topic (online text at *kgov.com* accessed 2/24/2013).
- . 2013a. “RSR: Big Bang Theory Goes Ker-Planck.” *Bob Enyart Live* 13 September summary of broadcast topic (online text at *kgov.com* accessed 7/20/2014).
- . 2013b. “Triceratops Soft Tissue with Mark Armitage.” *Bob Enyart Live* 4 October summary of broadcast topic (online text at *kgov.com* accessed 7/27/2014).
- . 2014a. “Breaking: Leading Whale Fossils Faked.” *Bob Enyart Live* 5 May summary of broadcast topic (online text at *kgov.com* accessed 6/7/2014).
- . 2014b. “RSR’s List of Scholars Doubting Darwin.” *Bob Enyart Live* 29 August summary of broadcast topic (online text at *kgov.com* accessed 6/8/2016).
- Enyeart, Peter J., & Andrew D. Ellington.** 2011. “A yeast for all reasons.” *Nature* **477** (22 September): 413-414.
- Epelbaum, Evgeny, Hermann Krebs, Timo A. Lähde, Dean Lee, & Ulf-G. Meißner.** 2013. “Viability of Carbon-Based Life as a Function of the Light Quark Mass.” *Physical Review Letters* **110** (15 March): 112502.
- Epley, Nicholas, Benjamin A. Converse, Alexa Delbose, George A. Monteleone, & John T. Cacioppo.** 2009. “Believers’ estimates of God’s beliefs are more egocentric than estimates of other people’s beliefs.” *Proceedings of the National Academy of Sciences* **106** (22 December): 21533-21538.
- Eppley, John M., Gene W. Tyson, Wayne M. Getz, & Jillian F. Banfield.** 2007. “Genetic Exchange Across a Species Boundary in the Archaeal Genus *Ferroplasma*.” *Genetics* **177** (September): 407-416.
- Epps, Garrett.** 2006. “Some Animals Are More Equal than Others: The Rehnquist Court and

- ‘Majority Religion’.” *Washington University Journal of Law & Policy* **21** (1): 323-347.
- Epstein, Greg M.** 2009. *Good Without God: What a Billion Nonreligious People Do Believe*. New York: William Morrow & Co.
- Epstein, Irving R., Vladimir K. Vanag, Anna C. Balazs, Olga Kuksenok, Pratyush Dayal, & Amitabh Bhattacharya.** 2012. “Chemical Oscillators in Structured Media.” *Accounts of Chemical Research* **45** (December): 2160-2168.
- Epstein, Jane, Hong Pan, James H. Kocsis, Yihong Yang, Tracy Butler, Jesse Chusid, Hilary Hochberg, James Murrough, Erika Strohmayer, Emily Stern, & David A. Silbersweig.** 2006. “Lack of Ventral Striatal Response to Positive Stimuli in Depressed Versus Normal Subjects.” *The American Journal of Psychiatry* **163** (October): 1784-1790.
- Epstein, Robert, Robert P. Lanza, & B. F. Skinner.** 1980. “Symbolic Communication Between Two Pigeons (*Columba livia domestica*).” *Science* **207** (1 February): 543-545.
- Epstein, S., R. Buchsbaum, H. A. Lowenstam, & H. C. Urey.** 1953. “Revised carbonate-water isotopic temperature scale.” *The Geological Society of America GSA Bulletin* **64** (November): 1315-1326.
- Epstein, S., R. Pacini, V. Denes-Raj, & H. Heier.** 1996. “Individual differences in intuitive-experiential and analytical-rational thinking styles.” *Journal of Personality and Social Psychology* **71** (August): 390-405.
- Epstude, Kai, & Neal J. Roese.** 2008. “The Functional Theory of Counterfactual Thinking.” *Personality and Social Psychology Review* **12** (May): 168-192.
- Equatorial Segment of the Mid-Atlantic Ridge: International Oceanographic Commission Technical Series No. 46.* 1996. Ed. G. B. Udinstev. Paris: UNESCO.
- Erard, Michael.** 2016. “Solving Australia’s language puzzle.” *Science* **353** (23 September): 1357-1359.
- Erb, M. L., & J. Pogliano.** 2013. “Cytoskeletal proteins participate in conserved viral strategies across kingdoms of life.” *Current Opinion in Microbiology* **16** (December): 786-789.
- Erba, Elisabetta, Cinzia Bottini, Helmut J. Weissert, & Christina E. Keller.** 2010. “Calcareous Nannoplankton Response to Surface-Water Acidification Around Oceanic Anoxic Event 1a.” *Science* **329** (23 July): 428-432.
- . 2011. “Response to Comment on ‘Calcareous Nannoplankton Response to Surface-Water Acidification Around Oceanic Anoxic Event 1a’.” *Science* **332** (8 April): 175.
- Ercolano, Barbara, & Ilaria Pascucci.** 2017. “The dispersal of planet-forming discs: theory confronts observations.” *Royal Society Open Science* **4** (April): 170114.
- Erdman, Cordelia.** 1953. “Stratigraphy and Paleontology,” with Discussion by S. C. Sinclair, William Tinkle & J. L. Kulp. *Perspectives on Science and Christian Faith (AKA Journal of the ASA)* **5** (March): 3-6, 11.
- Erdtmann, Bernd-Dietrich.** 2004. “The infra-Cambrian bioradiation event: A review from the perspective of the Yangtze Plate in South China and correlation with the coeval strata in Brazil.” *Revista Brasileira de Paleontologia* **7** (July/August): 223-230.
- Eren, Metin I., & Stephen J. Lycett.** 2012. “Why Levallois? A Morphometric Comparison of Experimental ‘Preferential’ Levallois Flakes versus Debitage Flakes.” *PLoS ONE* (online @ plosone.org) **7** (January): e29273.
- Ereshefsky, Marc, & Makmiller Pedroso.** 2015. “Rethinking evolutionary individuality.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10126-10132.
- Erezyilmaz, Deniz F.** 2006. “Imperfect eggs and oviform nymphs: a history of ideas about the origins of insect metamorphosis.” *Integrative and Comparative Biology (AKA American Zoologist)* **46** (December): 795-807.
- Erezyilmaz, Deniz F., Lynn M. Riddiford, & James W. Truman.** 2004. “Juvenile hormone acts at embryonic molts and induces the nymphal cuticle in the direct-developing cricket.” *Development Genes and Evolution* **214** (July): 313-323.
- Ergaliev, Gappar Kh., Vyacheslav A. Zhemchuzhnikov, Farkhat G. Ergaliev, Leonid E. Popov, Mansourh Ghobadi Pour, & Michael G. Bassett.** 2008. “TRILOBITE BIOSTRATIGRAPHY AND BIODIVERSITY PATTERNS THROUGH THE MIDDLE-UPPER CAMBRIAN TRANSITION IN THE KYRSHABAKTY SECTION, MALYI

- KARATAU, SOUTHERN KAZAKHSTAN,” in Rábano *et al.* (2008, 91-98).
- Erhardt, Marc, Keiichi Namba, & Kelly T. Hughes.** 2010. “Bacterial Nanomachines: The Flagellum and Type III Injectisome.” *Cold Spring Harbor Perspectives in Biology* 2 (November): a000299.
- Erhardt, Marc, Hanna M. Singer, Daniel H. Wee, James P. Keener, & Kelly T. Hughes.** 2011. “An infrequent molecular ruler controls flagellar hook length in *Salmonella enterica*.” *The EMBO Journal* 30 (7 June): 2948-2961.
- ERIC.** 2012. “Citizens for Excellence in Education.” *Education Resources Information Center* posting (online text at www.eric.ed.gov accessed 3/3/2012).
- Erickson, David L., Bruce D. Smith, Andrew C. Clarke, Daniel H. Sandweiss, & Noreen Tuross.** 2005. “An Asian origin for a 10,000-year-old domesticated plant in the Americas.” *Proceedings of the National Academy of Sciences* 102 (20 December): 18315-18320.
- Erickson, Erick.** 2011. “I’m going to make a political point now.” *RedState Conservative Blog and News* 10 January posting (online text at www.redstate.com accessed 1/12/2011).
- Erickson, Gregory M.** 1999. “Breathing Life into *Tyrannosaurus rex*.” *Scientific American* 281 (September): 42-49.
- . 2001. “The bite of *Allosaurus*.” *Nature* 409 (22 February): 987.
- Erickson, Gregory M., & Christopher A. Brochu.** 1999. “How the ‘terror crocodile’ grew so big.” *Nature* 398 (18 March): 205-206.
- Erickson, Gregory M., Philip J. Currie, Brian D. Inouye, & Alice A. Winn.** 2006. “Tyrannosaur Life Tables: An Example of Nonavian Dinosaur Population Biology.” *Science* 313 (14 July): 213-217.
- Erickson, Gregory M., Brandon A. Krick, Matthew Hamilton, Gerald R. Bourne, Mark A. Norell, Erica Lilleodden, & W. Gregory Sawyer.** 2012. “Complex Dental Structure and Wear Biomechanics in Hadrosaurid Dinosaurs.” *Science* 338 (5 October): 98-101.
- Erickson, Gregory M., Peter J. Makovicky, Brian D. Inouye, Chang-Fu Zhou, & Ke-Qin Gao.** 2009. “A Life Table for *Psittacosaurus lujiatunensis*: Initial Insights Into Ornithischian Dinosaur Population Biology.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* 292 (September): 1514-1521.
- Erickson, Gregory M., Oliver W. M. Rauhut, Zhonghe Zhou, Alan H. Turner, Brian D. Inouye, Dongyu Hu, & Mark A. Norell.** 2009. “Was Dinosaurian Physiology Inherited by Birds? Reconciling Slow Growth in *Archaeopteryx*.” *PLoS ONE* (online @ plosone.org) 4 (October): e7390.
- Erickson, Gregory M., Kristina Curry Rogers, & Scott A. Yerby.** 2001. “Dinosaurian growth patterns and rapid avian growth rates.” *Nature* 412 (26 July): 429-433.
- Erickson, Gregory M., Darla K. Zelenitsky, David Ian Kay, & Mark A. Norell.** 2017. “Dinosaur incubation periods directly determined from growth-line counts in embryonic teeth show reptilian-grade development.” *Proceedings of the National Academy of Sciences* 114 (17 January): 540-545.
- Erickson, Harold P.** 1995. “FtsZ, a Prokaryotic Homolog of Tubulin?” *Cell* 80 (10 February): 367-370.
- . 2000. “Dynammin and FtsZ: Missing Links in Mitochondrial and Bacterial Division.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) 148 (20 March): 1103-1106.
- . 2001. “Evolution in bacteria.” *Nature* 413 (6 September): 30.
- . 2007. “Evolution of the cytoskeleton.” *BioEssays* 29 (July): 668-677.
- Erickson, Harold P., Dianne W. Taylor, Kenneth A. Taylor, & David Bramhill.** 1996. “Bacterial cell division protein FtsZ assembles into protofilament sheets and minirings, structural homologs of tubulin polymers.” *Proceedings of the National Academy of Sciences* 93 (9 January): 519-523.
- Erickson, Jon.** 1991. *Dying Planet: The Extinction of Species*. Blue Ridge Summit, PA: TAB Books.
- . 1996. *Marine Geology: Undersea Landforms and Life Forms*. New York: Facts On File,

- Inc.
 ———. 2000. *Making of the Earth: Geologic Forces That Shape Our Planet*. New York: Facts On File, Inc.
- Ericson, Per G. P., Cajsa L. Anderson, Tom Britton, Andrzej Elzanowski, Ulf S. Johansson, Mari Källersjö, Jan I. Ohlson, Thomas J. Parsons, Dario Zuccon, & Gerald Mayr.** 2006. “Diversification of Neoaves: integration of molecular sequence data and fossils.” *Royal Society Biology Letters* **2** (22 December): 543-547.
- Ericson, Per G. P., Cajsa L. Anderson, & Gerald Mayr.** 2007. “Hangin’ on to our rocks’ n clocks: a reply to Brown *et al.*” *Royal Society Biology Letters* **3** (22 June): 260-261.
- Ericson, Per G. P., Seraina Klopffstein, Martin Irestedt, Jacqueline M. T. Nguyen, & Johan A. A. Nylander.** 2014. “Dating the diversification of the major lineages of Passeriformes (Aves).” *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (15 January): 8.
- Ericsson, Rolf, Robert Knight, & Zerina Johanson.** 2013. “Evolution and development of the vertebrate neck.” *Journal of Anatomy* **222** (January): 67-78.
- Ericsson, S. Pomp, H. Sjöstrand, & E. Traneus.** 2009. “Comment on ‘Piezonuclear decay of thorium’ [Phys. Lett A 373 (2009) 1956].” *Physics Letters A* **373** (5 October): 3795-3796.
- Eriksson, Anders, Lia Betti, Andrew D. Friend, Stephen J. Lycett, Joy S. Singarayer, Noreen von Cramon-Taubadel, Paul J. Valdes, Francois Balloux, & Andrea Manica.** 2012. “Late Pleistocene climate change and the global expansion of anatomically modern humans.” *Proceedings of the National Academy of Sciences* **109** (2 October): 16089-16094.
- Eriksson, Anders, & Andrea Manica.** 2012. “Effect of ancient population structure on the degree of polymorphism shared between modern human populations and ancient hominins.” *Proceedings of the National Academy of Sciences* **109** (28 August): 13956-13960.
- Eriksson, Bo Joakin, & Angelika Stollewerk.** 2010. “Expression patterns of neural genes in *Euperipatoides kanangrensis* suggest divergent evolution of onychophorans and euarthropod neurogenesis.” *Proceedings of the National Academy of Sciences* **107** (28 December): 22576-22581.
- Eriksson, Jonas, Greger Larson, Ulrika Gunnarsson, Bertrand Bed’hom, Michele Tixier-Boichard, Lina Strömstedt, Dominic Wright, Annemieke Jungerius, Addie Vereijken, Ettore Randi, Per Jensen, & Leif Andersson.** 2008. “Identification of the *Yellow Skin* Gene Reveals a Hybrid Origin of the Domestic Chicken.” *PLoS Genetics* (online @ plosgenetics.org) **4** (February): e1000010.
- Eriksson, Mats E., & Olle Hints.** 2004. “Diversity trends in Ordovician jawed polychaetes,” in Hints & Ainsaar (2004, 29-30).
- Eriksson, Ove.** 2008. “Evolution of Seed Size and Biotic Seed Dispersal in Angiosperms: Paleocological and Neocological Evidence.” *International Journal of Plant Sciences* **169** (September): 863-870.
- Eriksson, P. G., K. C. Condie, H. Tirsgaard, W. U. Mueller, W. Altermann, A. D. Miall, L. B. Aspler, O. Catuneanu, & J. R. Chiarenzelli.** 1998. “Precambrian clastic sedimentation systems.” *Sedimentary Geology* **120** (September): 5-53.
- Erkenbrack, Eric M.** 2016. “Divergence of ectodermal and mesodermal gene regulatory network linkages in early development of sea urchins.” *Proceedings of the National Academy of Sciences* **113** (15 November): E7202-E7211.
- Erkenbrack, Eric M., & Eric H. Davidson.** 2015. “Evolutionary rewiring of gene regulatory network linkages at divergence of the echninoid subclasses.” *Proceedings of the National Academy of Sciences* **112** (28 July): E4075-E4084.
- Erlandson, Jon M., Torben C. Rick, Todd J. Braje, Molly Caspersen, Brendan Culleton, Brian Fulfrost, Tracy Garcia, Daniel A. Guthrie, Nicholas Jew, Douglas J. Kennett, Madonna L. Moss, Leslie Reeder, Craig Skinner, Jack Watts, & Lauren Willis.** 2011. “Paleoindian Seafaring, Maritime Technologies, and Coastal Foraging on California’s Channel Islands.” *Science* **331** (4 March): 1181-1185.
- Erlich, Henry A., Tomas F. Bergström, Mark Stoneking, & Ulf Gyllensten, with Response by Francisco J. Ayala.** 1996. “HLA Sequence Polymorphism and the Origin of Humans.”

- Science* **274** (29 November): 1552-1554.
- Erne, Laura, & W. Ford Doolittle.** 2015. "Archaea." *Current Biology* **25** (5 October): R551-R555.
- Ernst, Douglas.** 2013. "Virginia under water 'many times' since the dinosaur age—to the dismay of the climate change crowd." *Bareknuckled Commentary mixed with Pop Culture* 7 October posting (online text at *douglasernstblog.com* accessed 11/23/2013).
- . 2014. "Military bans troops from Baptist church event honoring 'God's Rescue Squad'." *The Washington Times* posting 25 July: online text accessed 7/29/2014 (*www.washingtontimes.com*).
- Ernst, Karl-Heinz.** 2010. "Amplification of Chirality at Solid Surfaces." *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **40** (February): 41-50.
- Ernst, Marc O.** 2010. "Decisions Made Better." *Science* **329** (27 August): 1022-1023.
- Ernst, Marc O., & Martin S. Banks.** 2002. "Humans integrate visual and haptic information in a statistically optimal fashion." *Nature* **415** (24 January): 429-433.
- Ernst, W. G., Robert M. Hazen, & Bjorn Mysen.** 2014. "Hatten Schuyler Yoder Jr." National Academy of Sciences *Biographical Memoirs* (online pdf at *www.nasonline.org* accessed 6/20/2017).
- Eroglu, Cagla, & Ben A. Barres.** 2010. "Regulation of synaptic connectivity by glia." *Nature* **468** (11 November): 223-231.
- Eronen, Jussi T., Alistair R. Evans, Mikael Fortelius, & Jukka Jernvall.** 2010. "The Impact of Regional Climate on the Evolution of Mammals: A Case Study Using Fossil Horses." *Evolution* **64** (February): 398-408.
- Erpenbeck, D., O. Voigt, M. Adamski, B. J. Woodcraft, J. N. A. Hooper, G. Wörheide, & B. M. Degnan.** 2011. "NUMTs in the Sponge Genome Reveal Conserved Transposition Mechanisms in Metazoans." *Molecular Biology and Evolution* **28** (January): 1-5.
- Errington, Jeff.** 2013. "L-form bacteria, cell walls and the origins of life." *Open Biology* (online @ *rsob.royalsocietypublishing.org*) **3** (January): 120143.
- Ersche, Karen D., P. Simon Jones, Guy B. Williams, Abigail J. Turton, Trevor W. Robbins, & Edward T. Bullmore.** 2012. "Abnormal Structure Implicated in Stimulant Drug Addiction." *Science* **335** (3 February): 601-604.
- Ersner-Hershfield, Hal, Adam D. Galinsky, Laura Kray, & Brayden King.** 2010. "Company, Country, Connections: Counterfactual Origins Increase Organizational Commitment, Patriotism, and Social Investment." *Psychological Science* **21** (October): 1479-1486.
- Ertas, Beyhan, Björn M. von Reumont, Johann-Wolfgang Wägele, Bernhard Misof, & Thorsten Burmester.** 2009. "Hemocyanin Suggests a Close Relationship of Remipedia and Hexapoda." *Molecular Biology and Evolution* **26** (December): 2711-2718.
- Ertel, Suitbert.** 2003. "The Mars Effect Cannot Be Pinned on Cheating Parents." *Skeptical Inquirer* **27** (January/February): 57-58.
- Ertelt, Steven.** 2009. "Spokane Community Colleges Settle Lawsuit Over Discrimination Against Pro-Lifers." *Lifenews* posting (online text at *lifenews.com* accessed 9/3/2010).
- Ertem, Gözen, & James P. Ferris.** 1996. "Synthesis of RNA oligomers on heterogeneous templates." *Nature* **379** (18 January): 238-240.
- . 1998. "Formation of RNA Oligomers on Montmorillonite: Site of Catalysis." *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **28** (October): 485-499.
- . 2000. "Sequence- and Regio-Selectivity in the Montmorillonite-Catalyzed Synthesis of RNA." *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **30** (October): 411-422.
- Ertem, Gözen, Ann M. Snellinger-O'Brien, M. C. Ertem, D. A. Rogoff, Jason P. Dworkin, Murray V. Johnston, & Robert M. Hazen.** 2008. "Abiotic formation of RNA-like oligomers by montmorillonite catalysis: part II." *International Journal of Astrobiology* **7** (1): 1-7.
- Erwin, Douglas H.** 1994. "Early Introduction of Major Morphological Innovations." *Acta Palaeontologica Polonica* **38** (3/4): 281-294.
- . 1996. "The Mother of Mass Extinctions." *Scientific American* **275** (July): 73-78.

- . 1998. “The end of the beginning: recoveries from mass extinctions.” *Trends in Ecology & Evolution* **13** (September): 344-349.
- . 1999. “The Origins of Bodyplans.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **39** (June): 617-629.
- . 2000. “Macroevolution is more than repeated rounds of microevolution.” *Evolution & Development* **2** (March-April): 78-84.
- . 2001. “Lessons from the past: Biotic recoveries from mass extinctions.” *Proceedings of the National Academy of Sciences* **98** (8 May): 5399-5403.
- . 2006. “The Developmental Origins of Animal Bodyplans,” in Xiao & Kaufman (2006, 159-197).
- . 2007. “Disparity: Morphological Pattern and Developmental Context.” *Palaeontology* **50** (Part 1): 57-73.
- . 2009. “Early origin of the bilaterian developmental toolkit.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2253-2261.
- . 2011. “Evolutionary uniformitarianism.” *Developmental Biology* **357** (1 September): 27-34.
- . 2014. “Temporal acuity and the rate and dynamics of mass extinctions.” *Proceedings of the National Academy of Sciences* **111** (4 March): 3203-3204.
- . 2015. “Novelty and innovation in the History of Life.” *Current Biology* **25** (5 October): R930-R940.
- Erwin, Douglas H., & Eric H. Davidson.** 2002. “The last common bilaterian ancestor.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **129** (1 July): 3021-3032.
- . 2009. “The evolution of hierarchical gene regulatory networks.” *Nature Reviews Genetics* **10** (February): 141-148.
- Erwin, Douglas H., Marc Laflamme, Sarah M. Tweedt, Erik A. Sperling, Davide Pisani, & Kevin J. Peterson.** 2011. “The Cambrian Conundrum: Early Divergence and Later Ecological Success in the Early History of Animals.” *Science* **334** (25 November): 1091-1097.
- Erwin, Douglas H., & James W. Valentine.** 1984. “‘Hopeful monsters,’ transposons, and Metazoan radiation.” *Proceedings of the National Academy of Sciences* **106** (1 September): 5482-5483.
- Erwin, Douglas, James Valentine, & David Jablonski.** 1997. “The Origin of Animal Body Plans.” *American Scientist* **85** (March-April): 126-137.
- Erwin, Douglas H., James W. Valentine, & J. J. Sepkoski.** 1987. “A Comparative Study of Diversification Events: The Early Paleozoic Versus the Mesozoic.” *Evolution* **41** (6): 1177-1186.
- Erwin, Terry Lee.** 1970. “A Reclassification of Bombardier Beetles and a Taxonomic Revision of the North and Middle American Species (Carabidae: Brachinida).” *Quaestiones Entomologicae* **6**: 4-215.
- Erzen, Tanya.** 2010. “‘Ex-Gay’ is Anti-Gay, Disguised as Compassion.” *Religion Dispatches* 12 October posting (online text at religiondispatches.org accessed 10/13/2010).
- Escalante-Pérez, Maria, Elzbieta Krol, Annette Stange, Dietmar Geiger, Khaled A. S. Al-Rasheid, Bettina Hause, Erwin Neher, & Rainer Hedrich.** 2011. “A special pair of phytohormones controls excitability, slow closure, and external stomach formation in the Venus flytrap.” *Proceedings of the National Academy of Sciences* **108** (13 September): 15492-15497.
- Eschenmoser, Albert.** 1999. “Chemical Etiology of Nucleic Acid Structure.” *Science* **284** (25 June): 2118-2124.
- . 2004. “The TNA-Family of Nucleic Acid Systems: Properties and Prospects.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (June): 277-306.
- Escobar, W. Alex.** 2013. “Quantized visual awareness.” *Frontiers in Psychology* (online @ frontiersin.org) **4** (22 November): 869.
- . 2014. “Breaking down experiences into millions of parts may help explain

- consciousness.” *The Conversation* 15 September posting (online text at theconversation.com accessed 10/8/2014).
- Escudé, Christophe, Chi Hung Nguyen, Shrikant Kukreti, Yves Janin, Jian-Sheng Sun, Emile Bisagni, Thérèse Garestier, & Claude Hélène.** 1998. “Rational design of a triple helix-specific intercalating ligand.” *Proceedings of the National Academy of Sciences* **95** (31 March): 3591-3596.
- Escurra, Martín D.** 2014. “The Osteology of the Basal Archosauromorph *Tasmaniosaurus triassicus* from the Lower Triassic of Tasmania, Australia.” *PLoS ONE* (online @ plosone.org) **9** (January): e86864.
- Escurra, Martín D., Torsten M. Scheyer, & Richard J. Butler.** 2014. “The Origin and Early Evolution of Sauria: Reassessing the Permian Saurian Fossil Record and the Timing of the Crocodile-Lizard Divergence.” *PLoS ONE* (online @ plosone.org) **9** (February): e89165.
- Esensten, Jonathan H.** 2003. “Death to Intelligent Design.” *Harvard Crimson* (31 March): online text accessed 12/21/2009 (thecrimson.com).
- Eshelman, Christal M., Roxanne Vouk, Jodi L. Stewart, Elizabeth Halsne, Haley A. Lindsey, Stacy Schneider, Millyard Gualu, Antony M. Dean, & Benjamin Kerr.** 2010. “Unrestricted migration favours virulent pathogens in experimental metapopulations: evolutionary genetics of a rapacious life history.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (August): 2503-2513.
- Esmailzadeh, Mahid, & Fariba Kazemzadeh.** 2012. “Application of Mendel Accountant in Population Genetic Studies.” *Zhengzhou University (China) Life Science Journal* **201** (4): 5317-5320.
- Español, Yaiza, Daniel Thut, André Schneider, & Lluís Ribas de Pouplana.** 2009. “A mechanism for functional segregation of mitochondrial and cytosolic genetic codes.” *Proceedings of the National Academy of Sciences* **106** (17 November): 19420-19425.
- Espenshade, Thomas J., Juan Carlos Guzman, & Charles F. Westoff.** 2003. “The Surprising Global Variation in Replacement Fertility.” *Population Research and Policy Review* **22** (December): 575-583.
- Esper, Jan, Ulf Büntgen, David C. Frank, Daniel Nievergelt, & Andrew Liebhold.** 2007. “1200 years of regular outbreaks in alpine insects.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (7 March): 671-679.
- Esper, Jan, Edward R. Cook, & Fritz H. Schweingruber.** 2002. “Low-Frequency Signals in Long Tree-Ring Chronologies for Reconstructing Past Temperature Variability.” *Science* **295** (22 March): 2250-2263.
- Esper, Jan, David C. Frank, Mauri Timonen, Eduardo Zorita, Rob J. S. Wilson, Jürg Luterbacher, Steffen Holzkämper, Nils Fischer, Sebastian Wagner, Daniel Nievergelt, Anne Verstege, & Ulf Büntgen.** 2012. “Orbital forcing of tree-ring data.” *Nature Climate Change* **2** (December): 862-866.
- Esperante, Raúl.** 2002. “Preservation of Baleen Whales in Southern Peru.” *Geoscience Research Institute Geoscience Reports* (Fall): 1-7.
- . 2004. “Archaeopteryx: A flying reptile?” *Dialogue* posting (online text at dialogue.adventist.org accessed 6/20/2013).
- Esperante, Raul, Leonard Brand, Arthur Chadwick, & Orlando Poma.** 2002. “Taphonomy of fossil whales in the diatomaceous sediments of the Miocene/Pliocene Pisco Formation, Peru,” in De Renzi (2002, 337-343).
- Espinasa, Monika, & Luis Espinasa.** 2008. “Losing Sight of Regressive Evolution.” *Evolution: Education & Outreach* **1** (October): 509-516.
- Espinosa, Avelina.** 2010. “Introduction: Protistan Biology, Horizontal Gene Transfer, and Common Descent Uncover Faulty Logic in Intelligent Design.” *The Journal of Eukaryotic Microbiology* **57** (January/February): 1-2.
- Espinosa-Medina, I., E. Outin, C. A. Picard, Z. Chettouh, S. Dymecki, G. G. Consalez, E. Coppola, & J.-F. Brunet.** 2014. “Parasympathetic ganglia derive from Schwann cell precursors.” *Science* **345** (4 July): 87-90.
- Essl, Franz, Stefan Dullinger, Wolfgang Rabitsch, Philip E. Hulme, Karl Hülber, Vojtěch**

- Jarošik, Ingrid Kleinbauer, Fridolin Krausmann, Ingolf Kühn, Wolfgang Nentwig, Montserrat Vilà, Piero Genovesi, Francesca Gherardi, Marie-Laure Desprez-Loustau, Alain Roques, & Petr Pyšek.** 2011. "Socioeconomic legacy yields an invasion debt." *Proceedings of the National Academy of Sciences* **108** (4 January): 203-207.
- Esslinger, Christine, Henrik Walter, Peter Kirsch, Susanne Erk, Knut Schnell, Claudia Arnold, Leila Haddad, Daniela Mier, Carola Opitz von Boberfeld, Kyeon Raab, Stephanie H. Witt, Marcella Rietschel, Sven Cichon, & Andreas Meyer-Lindenberg.** 2009. "Neural Mechanisms of a Genome-Wide Supported Psychosis Variant." *Science* **324** (1 May): 605.
- Estalrich, Almudena, & Antonio Rosas.** 2015. "Division of labor by sex and age in Neandertals: an approach through the study of activity-related dental wear." *Journal of Human Evolution* **80** (March): 51-63.
- Esteban, Joan, Laura Mayoral, & Debraj Ray.** 2012. "Ethnicity and Conflict: Theory and Facts." *Science* **336** (18 May): 858-865.
- Estell, Brian, & Carla Estell.** 2003. "Mt. St. Helens: A lesson in the formation of petrified wood, fossils and coal." *The Stone's True Story* posting (online text at www.stonestruestory.org accessed 1/13/2009).
- Estelle, Bryan D.** 2012. "Should We Still Believe In A Historical Adam?" Orthodox Presbyterian Church *New Horizons* (March): online text accessed 8/22/2012 (www.opc.org).
- Estep, Matt C., Michael R. McKain, Dilys Vela Diaz, Jinshun Zhong, John G. Hodge, Trevor R. Hodkinson, Daniel J. Layton, Simon T. Malcomber, Rémy Pasquet, & Elizabeth A. Kellogg.** 2014. "Allopolyploidy, diversification, and the Miocene grassland expansion." *Proceedings of the National Academy of Sciences* **111** (2 October): 15149-15154.
- Esterman, Michael, Yu-Chin Chiu, Benjamin J. Tamber-Rosenau, & Steven Yantis.** 2009. "Decoding cognitive control in human parietal cortex." *Proceedings of the National Academy of Sciences* **106** (20 October): 17974-17979.
- Estes, James A., Alexander Burdin, & Daniel F. Doak.** 2016. "Sea otters, kelp forests, and the extinction of Steller's sea cow." *Proceedings of the National Academy of Sciences* **113** (26 January): 880-885.
- Estes, Suzanne, & Michael J. Lynch.** 2003. "Rapid Fitness Recovery in Mutationally Degraded Lines of *Caenorhabditis elegans*." *Evolution* **57** (May): 1022-1030.
- Estes, Suzanne, Patrick C. Phillips, Dee R. Denver, W. Kelley Thomas, & Michael J. Lynch.** 2004. "Mutation Accumulation in Populations of Varying Size: The Distribution of Mutational Effects for Fitness Correlates in *Caenorhabditis elegans*." *Genetics* **166** (March): 1269-1279.
- Estes, Suzanne, & Henrique Teotónio.** 2009. "The Experimental Study of Reverse Evolution," in Garland & Rose (2009, 135-171).
- Eterman, Alexander.** 2003a. "On Orthodox discourse." *Talk Reason* 5 June posting (online text at talkreason.org accessed 6/15/2004).
- . 2003b. "Theses on the nature of human morality." *Talk Reason* 6 June posting (online text at talkreason.org accessed 6/15/2004).
- Eternity Matters.* 2007. "Was there really a big flood?" *Eternity Matters* 4 December posting (online text at 4simpsons.wordpress.com accessed 8/27/2012).
- Etges, William J., Cássia Cardosa de Oliveira, Erin Gragg, Daniel Ortiz-Barrientos, Mohamed A. F. Noor, & Michael G. Ritchie.** 2007. "Genetics of Incipient Speciation in *Drosophila mojavensis*. I. Male courtship song, mating success, and genotype x environment interactions." *Evolution* **61** (May): 1106-1119.
- Etges, William J., Cassia Cardosa de Oliveira, Michael G. Ritchie, & Mohamed A. F. Noor.** 2009. "Genetics of Incipient Speciation in *Drosophila mojavensis*. II. Host Plants and Mating Status Influence Cuticular Hydrocarbon QTL Expression and G x E Interactions." *Evolution* **63** (July): 1712-1730.
- . 2010. "Genetics of Incipient Speciation in *Drosophila mojavensis*. III. Life-History Divergence in Allopatry and Reproductive Isolation." *Evolution* **64** (December): 3549-

3569.

- Ether, Eric A.** 2013a. "Alumnus fears professor not getting fair shake." Ball State University *The Daily* 16 June Letter to the Editor (online text at www.bsudailynews.com accessed 8/4/2013).
- . 2013b. "Prof bullied over intelligent design. *The Journal Gazette* (Fort Wayne, Indiana) 20 June Letter to the Editor (online text at journalgazette.net accessed 8/4/2013).
- . 2013c. "Ball State professor deserves to be defended against anti-religious critics. *The Indianapolis Star* 21 June Letter to the Editor (online text at www.indystar.com accessed 8/4/2013).
- Etheridge, Kay.** 2007. "Loathsome Beasts: Images of Reptiles and Amphibians in Art and Science," in French & Etheridge (2007, 63-88).
- Etherington, Graham J., & Jason A. Mobley.** 2016. "Molecular phylogeny, morphology and life-history comparisons within *Circus cyaneus* reveal the presence of two distinct evolutionary lineages." *Avian Research* (online @ biomedcentral.com) **7** (21 October): 17.
- Etherton, Mark, Csaba Földy, Manu Sharma, Katsuhiko Tabuchi, Xinran Liu, Mehrdad Shamloo, Robert C. Malenka, & Thomas C. Südhof.** 2011. "Autism-linked neuroligin-3 R451C mutation differentially alters hippocampal and cortical synaptic function." *Proceedings of the National Academy of Sciences* **108** (16 August): 13764-13769.
- Etienne, Rampal S., & Emile F. Apol.** 2009. "Estimating Speciation and Extinction Rates from Diversity Data and the Fossil Record." *Evolution* **63** (January): 244-255.
- Etienne, Rampal S., Andrew M. Latimer, John A. Silander Jr., & Richard M. Cowling.** 2006. "Comment on 'Neutral Ecological Theory Reveals Isolation and Rapid Speciation in a Biodiversity Hot Spot.'" *Science* **311** (3 February): 610.
- Etkind, Alexander.** 2008. "Beyond eugenics: the forgotten scandal of hybridizing humans and apes." *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **39** (June): 205-210.
- Ettema, Thijs J. G.** 2016. "Mitochondria in the second act." *Nature* **531** (3 March): 39-40.
- Ettwig, Katharina F., Margaret K. Butler, Denis Le Paslier, Eric Pelletier, Sophie Mangenot, Marcel M. M. Kuypers, Frank Schreiber, Bas E. Dutilh, Johannes Zedelius, Dirk de Beer, Jolein Gloerich, Hans J. C. T. Wessels, Theo van Alen, Francisca Luesken, Ming L. Wu, Katinka T. van de Pas-Schoonen, Huub J. M. Op den Camp, Eva M. Janssen-Megens, Kees-Jan Francoijs, Henk Stunnenberg, Jean Weissenbach, Mike S. M. Jetten, & Marc Strous.** 2010. "Nitrite-driven anaerobic methane oxidation by oxygenic bacteria." *Nature* **464** (25 March): 543-548.
- Eucalano, Sarah.** 2013. "'Facing the Giants' falls flat on its face." *Freethought Today* **30** (May): 8.
- Eugenics.** 2013a. "Tennessee." *University of Vermont Eugenics* website posting (online text at www.uvm.edu accessed 12/29/2013).
- . 2013b. "Post-World War II: 'Modern Eugenics'." *University of Vermont Eugenics* website posting (online text at www.uvm.edu accessed 7/8/2014).
- Eugster, Hans P., & Ronald C. Surdam.** 1973. "Depositional Environment of the Green River Formation of Wyoming: A Preliminary Report." *The Geological Society of America GSA Bulletin* **84** (April): 1115-1120.
- EurekaAlert!** 2007. "An ancient bathtug ring of mammoth fossils." *EurekaAlert!* 5 May posting (online text at www.eurekaalert.org accessed 10/9/2014).
- . 2014. "African diamond mine reveals dinosaurs and large mammal tracks." *EurekaAlert!* 5 November posting (online text at www.eurekaalert.org accessed 7/22/2015).
- . 2015. "R2d2 beats Mendel: Scientists find selfish gene that breaks long-held law of inheritance." *EurekaAlert!* 11 February posting (online text at www.eurekaalert.org accessed 12/29/2015).
- . 2016. "How the mouse outlived the giant." *EurekaAlert!* 11 February posting (online text at www.eurekaalert.org accessed 12/29/2015).
- European Center for Law and Justice.** 2007. "Memorandum on Council of European Legislation, Draft Resolution Regarding Report on 'The Dangers of Creationism in Education'."

- American Center for Law and Justice* posting of 20 June article (online pdf at aclj.org accessed 2/3/2014).
- Euston, David R., & Hendrik W. Steenland.** 2014. “Memories—getting wired during sleep.” *Science* **344** (6 June): 1087-1088.
- Evangelista, Carla, Morena Mills, Ulrike E. Siebeck, & Shaun P. Collin.** 2010. “A Comparison of the External Morphology of the Membranous Inner Ear in Elasmobranchs.” *Journal of Morphology* **271** (April): 483-495.
- Evangelisti, Annette M., & Gavin C. Conant.** 2010. “Nonrandom Survival of Gene Conversions among Yeast Ribosomal Proteins Duplicated through Genome Doubling.” *Genome Biology and Evolution* **2** (21 October): 826-834.
- Evanoff, E., S. Good, & J. Hanley.** 1998. “An overview of the freshwater mollusks from the Morrison Formation (Upper Jurassic, Western Interior, USA).” *Modern Geology* **22** (1-4): 423-450.
- Evans, Alistair R., David Jones, Alison G. Boyer, James H. Brown, Daniel P. Costa, S. K. Morgan Ernest, Erich M. G. Fitzgerald, Mikael Fortelius, John L. Gittleman, Marcus J. Hamilton, Larisa E. Harding, Kari Lintulaakso, S. Kathleen Lyons, Jordan G. Okie, Juha J. Saarinen, Richard M. Sibly, Felisa A. Smith, Patrick R. Stephens, Jessica M. Theodor, & Mark D. Uhen.** 2012. “The maximum rate of mammal evolution.” *Proceedings of the National Academy of Sciences* **109** (13 March): 4187-4190.
- Evans, Arthur V., Charles L. Bellamy, & Lisa Charles Watson.** 1996. *An Inordinate Fondness for Beetles*. New York: Henry Holt & Co.
- Evans, Christopher.** 1974. *Cults of Unreason*. New York: Farrar, Straus & Giroux.
- Evans, David.** 2008. “No smoking hot spot.” *Origins* posting of www.theaustralian.news.com.au 18 July article (online pdf at www.alcazar.net accessed 6/15/2011).
- Evans, David A. D.** 2003. “True polar wander and supercontinents.” *Tectonophysics* **362** (6 February): 303-320.
- . 2009. “The palaeomagnetically viable, long-lived and all-inclusive Rodinia supercontinent reconstruction.” *Geological Society, London, Special Publications* **327**: 371-404.
- . 2013. “Reconstructing Pre-Pangean Supercontinents.” *The Geological Society of America GSA Bulletin* **125** (November): 1735-1751.
- Evans, D. A., N. J. Bevkes, & J. L. Kirschvink.** 1997. “Low-latitude glaciation in the Palaeoproterozoic era.” *Nature* **386** (20 March): 262-265.
- Evans, David A. D., & Ross N. Mitchell.** 2011. “Assembly and breakup of the core of Paleoproterozoic-Mesoproterozoic supercontinent Nuna.” *Geology* **39** (May): 443-446.
- Evans, David C.** 2005. “New evidence on brain-endocranial cavity relationships in ornithischian dinosaurs.” *Acta Palaeontologica Polonica* **50** (3): 617-622.
- Evans, David C., David A. Eberth, & Michael J. Ryan.** 2015. “Hadrosaurid (*Edmontosaurus*) bonebeds from the Horseshoe Canyon Formation (Horseshoe Member) at Drumheller, Alberta, Canada: geology, preliminary taphonomy, and significance.” *Canadian Journal of Earth Sciences* **52** (August): 642-654.
- Evans, David C., Ryan Ridgely, & Lawrence M. Witmer.** 2009. “Endocranial Anatomy of Lambeosaurine Hadrosaurids (Dinosauria: Ornithischia): A Sensorineural Perspective on Cranial Crest Function.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1315-1337.
- Evans, David C., & Michael J. Ryan.** 2015. “Cranial Anatomy of *Wendiceratops pinhomensis* gen. et sp. nov., a Centrosaurine Ceratopsid (Dinosauria: Ornithischia) from the Oldman Formation (Campanian), Alberta, Canada, and the Evolution of Ceratopsid Nasal Ornamentation.” *PLoS ONE* (online @ plosone.org) **10** (July): e0130007.
- Evans, E. Margaret.** 2000. “The emergence of beliefs about the origins of species in school-age children.” *Merrill-Palmer Quarterly* **46** (April): 221-254.
- . 2001. “Cognitive and Contextual Factors in the Emergence of Diverse Belief Systems: Creation versus Evolution.” *Cognitive Psychology* **42** (May): 217-266.

- Evans, Gwyneth.** 2001. "The Teaching of History: A Biblical Perspective." *The Christian Institute* 18 June 2002 posting of 17 May lecture (online text at www.christian.org.uk accessed 6/19/2002).
- Evans, Helen, Tony De Tomaso, Mike Quail, Jane Rogers, Andrew Y. Gracey, Andrew R. Cossins, & Michael Berenbrink.** 2008. "Ancient and modern duplication events and the evolution of stearyl-CoA desaturases in teleost fish." *Physiological Genomics* **35** (September): 18-29.
- Evans, James P., Eric M. Meslin, Theresa M. Marteau, & Timothy Caulfield.** 2011. "Deflating the Genomic Bubble." *Science* **331** (18 February): 861-862.
- Evans, Jason, & Jack Sullivan.** 2011. "Approximating Model Probabilities in Bayesian Information Criterion and Decision-Theoretic Approaches to Model Selection in Phylogenetics." *Molecular Biology and Evolution* **28** (January): 343-349.
- . 2012. "Generalized Mixture Models for Molecular Phylogenetic Estimation." *Systematic Biology* **61** (January): 12-21.
- Evans, Jay D., & Diana E. Wheeler.** 1999. "Differential gene expression between developing queens and workers in the honey bee, *Apis mellifera*." *Proceedings of the National Academy of Sciences* **96** (11 May): 5575-5580.
- Evans, John H.** 2016. *What Is a Human?: What the Answers Mean for Human Rights*. Oxford: Oxford University Press.
- Evans, John H., & Michael S. Evans.** 2012. "Sociology and Christianity," in Stump & Padgett (2012, 344-355).
- Evans, Jonathan St. B. T.** 2003. "In two minds: dual-process accounts of reasoning." *Trends in Cognitive Sciences* **7** (October): 454-458.
- Evans, Lewis D. B., Simon Poulter, Eugene M. Terentjev, Colin Hughes, & Gillian M. Fraser.** 2013. "A chain mechanism for flagellum growth." *Nature* **504** (12 December): 287-290.
- Evans, M. E. G.** 1972. "The jump of the click beetle (Coleoptera, Elateridae)—a preliminary study." *Journal of Zoology* (London) **167** (July): 319-336.
- Evans, M. Stanton.** 1995. "The Religious Roots of Freedom." Hillsdale College (Michigan) *Imprimus* (April): 1-6.
- Evans, Matthew R., Mike Bithell, Stephen J. Cornell, Sasha R. X. Dall, Sandra Díaz, Stephen Emmott, Bruno Ernande, Volker Grimm, David J. Hodgson, Simon L. Lewis, Georgina M. Mace, Michael Morecroft, Aristides Moustakas, Eugene Murphy, Tim Newbold, K. J. Norris, Owen Petchey, Matthew Smith, Justin M. J. Travis, & Tim G. Benton.** 2013. "Predictive systems ecology." *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (22 November): 20131452.
- Evans, Michael S., & John H. Evans.** 2010. "Arguing against Darwinism: Religion, Science, and Public Morality," in Turner (2010, 286-308).
- Evans, Nathaniel M., Mark T. Holder, Marcos S. Barbeitos, Beth Okamura, & Paulyn Cartwright.** 2010. "The Phylogenetic Position of Myxozoa: Exploring Conflicting Signals in Phylogenomic and Ribosomal Data Sets." *Molecular Biology and Evolution* **27** (December): 2733-2746.
- Evans, Patrick D., Sandra L. Gilbert, Nitzan Mekel-Bobrov, Eric J. Vallender, Jeffrey R. Anderson, Leila M. Vaez-Azizi, Sarah A. Tishkoff, Richard R. Hudson, & Bruce T. Lahn.** 2005. "*Microcephalin*, a Gene Regulating Brain Size, Continues to Evolve Adaptively in Humans." *Science* **309** (9 September): 1717-1720.
- Evans, Patrick D., Eric J. Vallender, & Bruce T. Lahn.** 2006. "Molecular evolution of the brain size regulator genes *CDK5RAP2* and *CENPJ*." *Gene* **375** (21 June): 75-79.
- Evans, Paul N., Donovan H. Parks, Grayson L. Chadwick, Steven J. Robbins, Victoria J. Orphan, Suzanne D. Golding, & Gene W. Tyson.** 2015. "Methane metabolism in the archaeal phylum Bathyarchaeota revealed by genome-centric metagenomics." *Science* **350** (23 October): 434-438.
- Evans, Rachel Held.** 2010. "Christianity and Evolution." *Relevant* magazine 24 August posting: online text accessed 12/9/2013 (www.relevantmagazine.com).

- Evans, Richard J.** 2001. *Lying About Hitler: History, Holocaust, and the David Irving Trial*. New York: Basic Books.
- Evans, Scott D., Mary L. Droser, & James G. Gehling.** 2017. “Highly regulated growth and development of the Ediacara microfossil *Dicksonia costata*.” *PLoS ONE* (online @ plosone.org) **12** (May): e0176874.
- Evans, Skip.** 1998. “Creationism, A Trip to the Dark Side.” *Reports of the National Center for Science Education* **18** (March-April): 22-23.
- . 2000. “Review: Ride to Glory.” *Reports of the National Center for Science Education* **20** (May-June): 36-37.
- . 2002a. “Doubting Darwinism through Creative License.” *National Center for Science Education* 8 April posting (online text via *ncse.com* accessed 8/5/2012).
- . 2002b. “Discovery Institute Pioneers the Mis-infomercial.” *National Center for Science Education* 23 May posting (online text via *ncse.com* accessed 8/5/2012).
- . 2003a. “Cobb County Clarifies: Teach Only Science in Science Classes.” *Reports of the National Center for Science Education* **23** (January-February): 4.
- . 2003b. “Evolution: Still Deep in the Heart of Textbooks.” *Reports of the National Center for Science Education* **23** (September-December): online text accessed 2/5/2014 (*ncse.com*).
- . 2005. “Robert Shapiro on Behe and ID.” *Panda’s Thumb* posting 22 October (online text at *pandasthumb.org* accessed 7/20/2014).
- . 2010. “Creationists and Y Chromosomes.” *Panda’s Thumb* posting 3 October (online text at *pandasthumb.org* accessed 10/5/2010).
- . 2011. “What Scientists Do and Creationists Don’t.” *Panda’s Thumb* posting 26 December (online text at *pandasthumb.org* accessed 12/28/2011).
- . 2012. “Sticklebacks, Manatees, and Creationists.” *Panda’s Thumb* posting 18 January (online text at *pandasthumb.org* accessed 1/28/2012).
- Evans, Skip, & Glenn Branch.** 2004. “‘Intelligent Design’ in the Bitterroot Valley.” *Reports of the National Center for Science Education* updated version of March-April article: online text accessed 6/29/2009 (*ncse.com*).
- Evans, Susan.** 2015. “Four legs too many?” *Science* **349** (24 July): 374-375.
- Evans, Susan E., & Magdalena Borsuk-Bialynicka.** 1998. “A stem-group frog from the Early Triassic of Poland.” *Acta Palaeontologica Polonica* **43** (4): 573-580.
- . 2009. “The early Triassic stem-frog *Czatkobatrachus* from Poland.” *Palaeontologia Polonica* **65**: 79-105.
- Evans, Teri, Christopher M. Wade, Frank A. Chapman, Andrew D. Johnson, & Matthew Loose.** 2014. “Acquisition of Germ Plasm Accelerates Vertebrate Evolution.” *Science* **344** (11 April): 200-203.
- Evans, Vyvyan.** 2016. “Why Only Us: The language paradox.” *New Scientist* (27 February): online text accessed 2/29/2016 (*newscientist.com*).
- Evans, Zenon.** 2013. “Russian Pastafarians Detained Following March, Religious Food Fight.” *Reason.com* 19 August posting (online text at *reason.com* accessed 8/26/2013).
- EvC Forum.** 2007. “Polystrate fossils” *Creation versus Evolution EvC Forum* 5 September thread posting (online text at *www.evforum.net* accessed 8/14/2008, not available as of 3/17/2015).
- Eve, Raymond A., & Francis B. Harrold.** 1991. *The Creationist Movement in Modern America*. Boston: Twayne Publishers.
- Eve, Raymond Arthur, Susan Carol Losh, & Brandon Nzekwe.** 2010. “Lessons from the Social Psychology of Evolution Warfare: Good Science Alone is not Enough.” *Evolution: Education & Outreach* **3** (June): 183-192.
- Everett, Caleb, Damián E. Blasi, & Seán G. Roberts.** 2015. “Climate, vocal folds, and tonal languages: Connecting the physiological and geographic dots.” *Proceedings of the National Academy of Sciences* **112** (3 February): 1322-1327.
- Everett, Vera.** 2009. “Soft Tissue Fossilization.” *Answers in Genesis* 4 November “Answers in Depth” article (online text at *answersingenesis.org* accessed 2/3/2015).

- Everhart, Donald, & Salman Hameed.** 2013. “Muslims and evolution: a study of Pakistani physicians in the United States.” *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 15.
- Everitt, Nicholas.** 2003. *The Non-Existence of God*. London: Routledge.
- . 2014. “Critical Review of Mary Midgley’s *Intelligent Design Theory and Other Ideological Problems*.” *Journal of the Philosophy of Education* **48** (November): 665-674.
- Evidence Bible.** 2012a. “Adam was a mythical figure who never really lived.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012b. “Christianity oppresses women by making them submit to their husbands!” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012c. “Christians can’t use ‘circular reasoning’ by trying to prove the Bible by quoting from the Bible!” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012d. “Contradictions in the Bible—Why Are They There?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012e. “Christianity oppresses women by making them submit to their husbands!” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012f. “Doesn’t the Big Bang theory disprove the Genesis account of creation?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012g. “Evolution disproves the Bible!” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012h. “God is unfair in that Hitler and a dear old lady (who never accepted Jesus) will both go to hell.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012i. “God told Joshua to kill every man, woman, and child, and He killed masses of people in Revelation. If that’s your ‘God of love,’ I want nothing to do with Him!” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012j. “Great Leaders Speak About the Bible.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012k. “How does the young-earth theory explain that we can see stars millions of light-years away? How would the light have reached us?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012l. “How many angels were at the tomb—one or two?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012m. “Isn’t it blasphemous to call the Bible ‘God’s Word’ when it makes Him look so bad?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012n. “Last Words of Famous People.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012o. “‘Missing Link’ Still Missing.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012p. “Religion has caused more wars than anything else in history.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012q. “Science Confirms the Bible.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012r. “Scientific Facts in the Bible.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012s. “The Bible calls the hare a cud-chewing animal. As any veterinarian could tell

- you, this statement is false.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012t. “The Bible has changed down through the ages.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012u. “The Bible teaches that the earth is flat.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012v. “The fact that there are so many versions proves that the Bible has mistakes. Which one is right?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012w. “The number of fossils in some areas is enormous. How could earth have supported all those creatures at the same time?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012x. “There are contradictions in the resurrection accounts. Did Christ appear first to the women or to His disciples?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012y. “What if someone claims to have read the Bible and says it’s just a book of fairy tales.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012z. “Where did Cain get his wife?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012aa. “Where do all the races come from?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012ab. “Who made God?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012ac. “Why are there so many denominations?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012ad. “Will people who have never heard the gospel all go to hell because they haven’t heard about Jesus Christ?” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- EvoGuide.** 2011. “Towards a Better Version of ID – A Manifesto.” *How To Debate Evolution* posting 21 August (online text at howtodebateevolution.com accessed 8/31/2011).
- Evolution Dismantled.* 2013a. “Does Coconino Sandstone disprove Genesis?” *Evolution Dismantled* undated posting (online text at evolutiondismantled.com accessed 8/3/2016).
- . 2013b. “Speciation and Evolutionary Change.” *Evolution Dismantled* undated posting (online text at evolutiondismantled.com accessed 8/3/2016).
- . 2013c. “Are Endogenous Retroviral Sequences (ERVs) Evidence for Evolution?” *Evolution Dismantled* undated posting (online text at evolutiondismantled.com accessed 8/3/2016).
- . 2014. “Transitional Fossil Sequences and the Evolution of Life.” *Evolution Dismantled* undated posting (online text at evolutiondismantled.com accessed 8/3/2016).
- Evolution News & Views.* 2010a. “Codevilla: ‘Darwinism corrupted Northern and Southern thinkers equally.’” Discovery Institute *Evolution News & Views* for 3 October (online text at evolutionnews.org accessed 8/13/2012).
- . 2010b. “Regulating DNA Repair Mechanisms.” Discovery Institute *Evolution News & Views* for 22 November (online text at evolutionnews.org accessed 11/24/2010).
- . 2011a. “New Book Shows How Evolution’s Co-Discoverer Rejected Darwinism, Embraced Intelligent Design.” Discovery Institute *Evolution News & Views* for 25 January (online text at evolutionnews.org accessed 9/3/2011).
- . 2011b. “Homochirality: The Truth Is Out Where?” Discovery Institute *Evolution News & Views* for 31 January (online text at evolutionnews.org accessed 2/17/2011).
- . 2011c. “Venter vs. Dawkins on the Tree of Life—and Another Dawkins Whopper.” Discovery Institute *Evolution News & Views* for 9 March (online text at evolutionnews.org accessed 3/16/2011).
- . 2011d. “Is Darwinism hinted to be on life support in this journal article?” Discovery Institute *Evolution News & Views* for 29 June (online text at evolutionnews.org accessed

- 6/29/2014).
- . 2011e. “Tom Bethell on the value of bad – but readable - books.” Discovery Institute *Evolution News & Views* for 12 July (online text at *evolutionnews.org* accessed 3/16/2011).
 - . 2011f. “As the Tree of Life Tumbles: Now, the ‘Public Goods’ Hypothesis.” Discovery Institute *Evolution News & Views* for 24 August (online text at *evolutionnews.org* accessed 10/18/2013).
 - . 2011g. “California Science Center Pays \$110,000 to Settle Intelligent Design Discrimination Lawsuit.” Discovery Institute *Evolution News & Views* for 29 August (online text at *evolutionnews.org* accessed 9/7/2011).
 - . 2011h. “Divining Darwin in Butterfly Genes.” Discovery Institute *Evolution News & Views* for 6 September (online text at *evolutionnews.org* accessed 9/7/2011).
 - . 2011i. “At National Review Online, Berlinski Skewers Darwinism as ‘a String of Wet Sponges on a Clothesline’.” Discovery Institute *Evolution News & Views* for 7 September (online text at *evolutionnews.org* accessed 9/8/2011).
 - . 2011j. “Sea creature, nearly 600 mya, wobbles current classifications of life.” Discovery Institute *Evolution News & Views* for 7 September (online text at *evolutionnews.org* accessed 9/12/2011).
 - . 2011k. “Animal that stages light display is 600 million years old?” Discovery Institute *Evolution News & Views* for 10 September (online text at *evolutionnews.org* accessed 9/12/2011).
 - . 2011l. “9-11 truthers in the intelligent design community? But more prominent ones among Darwinists?” Discovery Institute *Evolution News & Views* for 10 September (online text at *evolutionnews.org* accessed 10/9/2013).
 - . 2011m. “Among Darwin Advocates, Premature Celebration over Abundance of Habitable Planets.” Discovery Institute *Evolution News & Views* for 16 September (online text at *evolutionnews.org* accessed 9/18/2011).
 - . 2011n. “When Darwinism Goes Begging: Metamorphosis as ‘Evolution’s Freak Factory’.” Discovery Institute *Evolution News & Views* for 3 October (online text at *evolutionnews.org* accessed 10/7/2011).
 - . 2011o. “Bernard d’Abrera on Butterfly Mimicry and the Faith of the Evolutionist.” Discovery Institute *Evolution News & Views* for 5 October (online text at *evolutionnews.org* accessed 4/5/2013).
 - . 2011p. “Reptiles that nourish their young via placentas?” Discovery Institute *Evolution News & Views* for 6 October (online text at *evolutionnews.org* accessed 3/21/2012).
 - . 2011q. “NCSE and Eugenie Scott Attack Critics of Evolution with New Film, *No Dinosaurs In Heaven*.” Discovery Institute *Evolution News & Views* for 26 October (online text at *evolutionnews.org* accessed 10/26/2011).
 - . 2011r. “ENV Accused of Spanking Darwinist Lady.” Discovery Institute *Evolution News & Views* for 28 October (online text at *evolutionnews.org* accessed 2/23/2012).
 - . 2011s. “My Back Hurts Therefore It Wasn’t Designed.” Discovery Institute *Evolution News & Views* for 30 October (online text at *evolutionnews.org* accessed 2/23/2012).
 - . 2011t. “Francis Galton’s Novel: A Vision of Horrors to Come.” Discovery Institute *Evolution News & Views* for 8 December (online text at *evolutionnews.org* accessed 2/23/2012).
 - . 2011u. “Another atheist checks out of no consciousness/no free will.” Discovery Institute *Evolution News & Views* for 11 December (online text at *evolutionnews.org* accessed 5/15/2012).
 - . 2012a. “Tom Bethell on Noam Chomsky’s dissent from Darwin.” Discovery Institute *Evolution News & Views* for 11 February (online text at *evolutionnews.org* accessed 3/2/2012).
 - . 2012b. “The Epigenome: Evolution’s Newest Nightmare.” Discovery Institute *Evolution News & Views* for 13 February (online text at *evolutionnews.org* accessed 2/19/2012).
 - . 2012c. “Why It Pays to Go Hear Darwin Apologists.” Discovery Institute *Evolution News & Views* for 14 February (online text at *evolutionnews.org* accessed 2/16/2012).
 - . 2012d. “What it Means to Be ‘Pro-ID’.” Discovery Institute *Evolution News & Views* for

- 16 February (online text at *evolutionnews.org* accessed 2/19/2012).
- . 2012e. “France Sounds Like a Good Place to Do Science.” Discovery Institute *Evolution News & Views* for 7 March (online text at *evolutionnews.org* accessed 2/19/2012).
- . 2012f. “In the Current Issue of Nature, an Argument for Intelligent Design in All but Name.” Discovery Institute *Evolution News & Views* for 7 March (online text at *evolutionnews.org* accessed 12/21/2012).
- . 2012g. “Facts of the Coppedge Lawsuit Contradict the Spin from Jet Propulsion Lab and National Center for Science Education.” Discovery Institute *Evolution News & Views* for 12 March (online text at *evolutionnews.org* accessed 3/17/2012).
- . 2012h. “On David Coppedge Trial, Darwin Bloggers Groping Their Way in the Dark.” Discovery Institute *Evolution News & Views* for 15 March (online text at *evolutionnews.org* accessed 3/17/2012).
- . 2012i. “A New Study Questions RNA World.” Discovery Institute *Evolution News & Views* for 16 March (online text at *evolutionnews.org* accessed 3/1/2013).
- . 2012j. “Sorry, Ring Species Do Not Provide Good Evidence for the Origin of New Species by the Darwinian Mechanism.” Discovery Institute *Evolution News & Views* for 6 April (online text at *evolutionnews.org* accessed 7/6/2017).
- . 2012k. “Synthetic Genetics is ID, not Darwinism.” Discovery Institute *Evolution News & Views* for 1 May (online text at *evolutionnews.org* accessed 5/7/2012).
- . 2012l. “Stand Up to the Bullies, Emory University.” Discovery Institute *Evolution News & Views* for 9 May (online text at *evolutionnews.org* accessed 5/20/2012).
- . 2012m. “Stand Up to the Bullies, Emory University: Reaffirm Dr. Ben Carson’s Welcome and Defend His Right to Express His Views.” Discovery Institute *Evolution News & Views* petition (online text at *www.ipetitions.com* accessed 5/20/2012).
- . 2012m. “Weikart in the *Baltimore Sun*: Ben Carson’s ‘Thought Crime’.” Discovery Institute *Evolution News & Views* for 13 May (online text at *evolutionnews.org* accessed 5/20/2012).
- . 2012o. “Bateman’s Sexual Selection: Another Darwinian Pillar Falls.” Discovery Institute *Evolution News & Views* for 18 June (online text at *evolutionnews.org* accessed 6/4/2013).
- . 2012p. “Another Look at the Latest Blow to the Darwinian Tree of Life, and the Man Who Dealt It.” Discovery Institute *Evolution News & Views* for 3 July (online text at *evolutionnews.org* accessed 8/6/2012).
- . 2012q. “‘What Would Disprove Evolution?’” Discovery Institute *Evolution News & Views* for 10 July (online text at *evolutionnews.org* accessed 7/1/2012).
- . 2012r. “It’s Cherry Picking Season (Updated).” Discovery Institute *Evolution News & Views* for 24 July (online text at *evolutionnews.org* accessed 11/12/2013).
- . 2012s. “Junk DNA: Yes, paper admits, it WAS thought to be junk.” Discovery Institute *Evolution News & Views* for 20 August (online text at *evolutionnews.org* accessed 2/17/2013).
- . 2012t. “What Chaperone Proteins Know.” Discovery Institute *Evolution News & Views* for 7 September (online text at *evolutionnews.org* accessed 12/17/2012).
- . 2012u. “New Book Rescues C.S. Lewis from Attempted Scholarly Kidnapping.” Discovery Institute *Evolution News & Views* for 18 September (online text at *evolutionnews.org* accessed 1/23/2013).
- . 2012v. “More Vindication for Jonathan Wells.” Discovery Institute *Evolution News & Views* for 8 October (online text at *evolutionnews.org* accessed 1/20/2013).
- . 2012w. “Nagel’s ID-Friendly *Mind and Cosmos* Takes Its First Hit.” Discovery Institute *Evolution News & Views* for 10 October (online text at *evolutionnews.org* accessed 4/3/2013).
- . 2012x. “Whale Imitates People, Person Imitates Whales.” Discovery Institute *Evolution News & Views* for 22 October (online text at *evolutionnews.org* accessed 4/11/2013).
- . 2012y. “How Falsifications of Darwinism Get Ignored.” Discovery Institute *Evolution News & Views* for 16 November (online text at *evolutionnews.org* accessed 6/4/2013).
- . 2012z. “Giving Thanks for Minority Opinion.” Discovery Institute *Evolution News &*

- Views for 22 November (online text at *evolutionnews.org* accessed 12/13/2012).
- . 2012aa. “On the Prospect of Intelligent Design in Montana Public Schools, Let Us Be Clear.” Discovery Institute *Evolution News & Views* for 28 November (online text at *evolutionnews.org* accessed 12/5/2012).
- . 2012ab. “‘Epistemic Closure’ at the *Wall Street Journal*.” Discovery Institute *Evolution News & Views* for 30 November (online text at *evolutionnews.org* accessed 12/5/2012).
- . 2013a. “Science Can Perpetuate Myths.” Discovery Institute *Evolution News & Views* for 2 January (online text at *evolutionnews.org* accessed 1/2/2013).
- . 2013b. “Foraminifera ‘Perfectly Illustrate’ Evolution. OK, Where Is It?” Discovery Institute *Evolution News & Views* for 17 January (online text at *evolutionnews.org* accessed 1/19/2013).
- . 2013c. “Judge Lets NASA’s Jet Propulsion Lab Off the Hook for Discrimination against Intelligent Design Proponent.” Discovery Institute *Evolution News & Views* for 17 January (online text at *evolutionnews.org* accessed 1/25/2013).
- . 2013d. “Chemists Ponder the Origin of Life.” Discovery Institute *Evolution News & Views* for 28 January (online text at *evolutionnews.org* accessed 3/1/2013).
- . 2013e. “Demonstrating, Once Again, the Fantastic Information-Storage Capacity of DNA.” Discovery Institute *Evolution News & Views* for 29 January (online text at *evolutionnews.org* accessed 1/31/2013).
- . 2013f. “Earth Is Barely ‘Habitable,’ Say Scientists. Could Have Fooled Us.” Discovery Institute *Evolution News & Views* for 4 February (online text at *evolutionnews.org* accessed 2/6/2013).
- . 2013g. “Need We Say It? ‘Directed Evolution’ Is a Contradiction in Terms.” Discovery Institute *Evolution News & Views* for 13 February (online text at *evolutionnews.org* accessed 2/21/2013).
- . 2013h. “Even the Cell’s Shredder Looks Designed.” Discovery Institute *Evolution News & Views* for 14 February (online text at *evolutionnews.org* accessed 2/21/2013).
- . 2013i. “Human Hearing Outsmarts Physical Limits.” Discovery Institute *Evolution News & Views* for 15 February (online text at *evolutionnews.org* accessed 2/21/2013).
- . 2013j. “Death Valley Days: Chemists Propose a Seemingly Unlikely Environment for the Origin of Life.” Discovery Institute *Evolution News & Views* for 27 February (online text at *evolutionnews.org* accessed 3/1/2013).
- . 2013k. “Cell Positioning Uses ‘Good Design’.” Discovery Institute *Evolution News & Views* for 2 March (online text at *evolutionnews.org* accessed 3/6/2013).
- . 2013l. “In the Planetary Science Journal *Icarus*, the ‘Wow!’ Signal of Intelligent Design.” Discovery Institute *Evolution News & Views* for 12 March (online text at *evolutionnews.org* accessed 3/16/2013).
- . 2013m. “The Fine-Tuning of the Universe for Life Just Got Finer.” Discovery Institute *Evolution News & Views* for 15 March (online text at *evolutionnews.org* accessed 3/22/2013).
- . 2013n. “*Science* Dismisses Nagel Book with Faint Praise.” Discovery Institute *Evolution News & Views* for 18 March (online text at *evolutionnews.org* accessed 3/31/2013).
- . 2013o. “Beauty Evades the Clutches of Materialism.” Discovery Institute *Evolution News & Views* for 27 March (online text at *evolutionnews.org* accessed 3/31/2013).
- . 2013p. “Nothing about Molecular Machines Makes Sense without Intelligent Design.” Discovery Institute *Evolution News & Views* for 28 March (online text at *evolutionnews.org* accessed 4/4/2013).
- . 2013q. “Our Ears Are Amazing! They Must Have Evolved.” Discovery Institute *Evolution News & Views* for 29 March (online text at *evolutionnews.org* accessed 4/4/2013).
- . 2013r. “Will Open-Access Publishing Break the Darwinist Stranglehold?” Discovery Institute *Evolution News & Views* for 3 April (online text at *evolutionnews.org* accessed 4/4/2013).
- . 2013s. “Design by Any Other Name.” Discovery Institute *Evolution News & Views* for 9 April (online text at *evolutionnews.org* accessed 4/11/2013).

- . 2013t. “First, Pseudogenes Found to Have Function; Now Pseudoenzymes.” Discovery Institute *Evolution News & Views* for 11 April (online text at evolutionnews.org accessed 4/19/2013).
- . 2013u. “Taking on Behe’s Challenge: Evolve Me a Cilium.” Discovery Institute *Evolution News & Views* for 15 April (online text at evolutionnews.org accessed 4/18/2013).
- . 2013v. “More on ‘Complexity by Subtraction’: You Think They’re Kidding? They’re Not.” Discovery Institute *Evolution News & Views* for 18 April (online text at evolutionnews.org accessed 4/27/2013).
- . 2013w. “Starting Thursday, Medved Show Kicks Off New ‘Science and Culture Update’: Stephen Meyer Will Discuss *Darwin’s Doubt*.” Discovery Institute *Evolution News & Views* for 22 April (online text at evolutionnews.org accessed 4/27/2013).
- . 2013x. “Did the Early Oceans Contain Oxygen?” Discovery Institute *Evolution News & Views* for 24 April (online text at evolutionnews.org accessed 12/3/2014).
- . 2013y. “How a Scientific Field Can Collapse: The Case of Psychiatry.” Discovery Institute *Evolution News & Views* for 8 May (online text at evolutionnews.org accessed 6/4/2013).
- . 2013z. “A New Darwinian Hero: The Bladderwort.” Discovery Institute *Evolution News & Views* for 14 May (online text at evolutionnews.org accessed 5/27/2016).
- . 2013aa. “Karl Giberson’s Scientism Refuses to Die, but It Should.” Discovery Institute *Evolution News & Views* for 29 May (online text at evolutionnews.org accessed 6/4/2013).
- . 2013ab. “More Light Is Cast on Epigenetics and Design.” Discovery Institute *Evolution News & Views* for 10 June (online text at evolutionnews.org accessed 6/15/2013).
- . 2013ac. “A Fantastic New Illustration Film, *Flight: The Genius of Birds*.” Discovery Institute *Evolution News & Views* for 14 June (online text at evolutionnews.org accessed 6/20/2013).
- . 2013ad. “Contest: If humans originated as a chimp-pig hybrid (recent claim)....” Discovery Institute *Evolution News & Views* for 4 July (online text at evolutionnews.org accessed 9/9/2013).
- . 2013ae. “More Clues that Intergenic DNA Is Functional.” Discovery Institute *Evolution News & Views* for 15 July (online text at evolutionnews.org accessed 7/22/2013).
- . 2013af. “More Findings Shed Light on the Complexity of Butterflies.” Discovery Institute *Evolution News & Views* for 19 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013ag. “News from the *Flight* Deck.” Discovery Institute *Evolution News & Views* for 22 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013ah. “Instant Body Plans: The Case of Jellyfish.” Discovery Institute *Evolution News & Views* for 26 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013ai. “Phys.org warming to idea that humans are pig-chimp hybrids?” Discovery Institute *Evolution News & Views* for 26 July (online text at evolutionnews.org accessed 9/9/2013).
- . 2013aj. “Epigenetic differences between humans and chimps (vs. 98% similarity claims).” Discovery Institute *Evolution News & Views* for 29 July (online text at evolutionnews.org accessed 7/16/2014).
- . 2013ak. “Ball State University President Imposes Gag Order on Scientists Supportive of Intelligent.” Discovery Institute *Evolution News & Views* for 31 July (online text at evolutionnews.org accessed 8/4/2013).
- . 2013al. “100 fossil group study overturns evolution claims? But so? Still business as usual for the Darwin lobby.” Discovery Institute *Evolution News & Views* for 31 July (online text at evolutionnews.org accessed 8/7/2013).
- . 2013am. “Cambrian Animals? Just Add Oxygen.” Discovery Institute *Evolution News & Views* for 1 August (online text at evolutionnews.org accessed 8/7/2013).
- . 2013an. “Are Our Genes a Product of Us?” Discovery Institute *Evolution News & Views* for 5 August (online text at evolutionnews.org accessed 8/7/2013).
- . 2013ao. “‘As in Engineered Systems,’ Bacteria Control Both Supply and Demand.”

- Discovery Institute *Evolution News & Views* for 4 September (online text at evolutionnews.org accessed 10/17/2013).
- . 2013ap. “Demolishing Darwin’s Tree: Eric Baptiste and the Network of Life.” Discovery Institute *Evolution News & Views* for 9 September (online text at evolutionnews.org accessed 10/18/2013).
- . 2013aq. “Discovery Institute Demands that Ball State University Investigate Class for Teaching that ‘Science Must Destroy Religion’.” Discovery Institute *Evolution News & Views* for 10 September (online text at evolutionnews.org accessed 10/18/2013).
- . 2013ar. “Get Out of Jail Free: Playing Games in an RNA World.” Discovery Institute *Evolution News & Views* for 23 September (online text at evolutionnews.org accessed 6/11/2015).
- . 2013as. “*Flight* Premieres in Southern California to Large Crowd.” Discovery Institute *Evolution News & Views* for 30 September (online text at evolutionnews.org accessed 10/22/2013).
- . 2013at. “The Origin of Avian Flight: Comparing Explanations from Darwinism and Intelligent Design.” Discovery Institute *Evolution News & Views* for 1 October (online text at evolutionnews.org accessed 10/22/2013).
- . 2013au. “The Venus Flytrap, an Improbable Wonder that Baffled Darwin.” Discovery Institute *Evolution News & Views* for 14 October (online text at evolutionnews.org accessed 10/22/2013).
- . 2013av. “To Create Cambrian Animals, Whack the Earth from Space.” Discovery Institute *Evolution News & Views* for 18 October (online text at evolutionnews.org accessed 10/22/2013).
- . 2013aw. “How Do You Make a Face? With Junk DNA.” Discovery Institute *Evolution News & Views* for 25 October (online text at evolutionnews.org accessed 10/31/2013).
- . 2013ax. “What are Darwinian Evolutionists to Make of Craig Venter?” Discovery Institute *Evolution News & Views* for 29 October (online text at evolutionnews.org accessed 10/31/2013).
- . 2013ay. “Intelligent Designs in Nature Make Engineers Envious.” Discovery Institute *Evolution News & Views* for 31 October (online text at evolutionnews.org accessed 11/9/2013).
- . 2013az. “‘Bad Design’ Debunked in a Fish: It Actually Achieves the Impossible.” Discovery Institute *Evolution News & Views* for 7 November (online text at evolutionnews.org accessed 11/13/2013).
- . 2013ba. “Next-Generation Audio Processors Will Mimic the Human Brain.” Discovery Institute *Evolution News & Views* for 13 November (online text at evolutionnews.org accessed 11/13/2013).
- . 2013bb. “Honeybee Teaches Engineers How to Land a Robot.” Discovery Institute *Evolution News & Views* for 15 November (online text at evolutionnews.org accessed 11/22/2013).
- . 2013bc. “‘CAPTCHA’ Breakthrough by AI Illustrates Biomimetic Design.” Discovery Institute *Evolution News & Views* for 26 November (online text at evolutionnews.org accessed 12/11/2013).
- . 2013bd. “How the Moon Supports the Privileged Planet Hypothesis.” Discovery Institute *Evolution News & Views* for 5 December (online text at evolutionnews.org accessed 12/12/2013).
- . 2013be. “More Evidence of Scientism as Religion.” Discovery Institute *Evolution News & Views* for 17 December (online text at evolutionnews.org accessed 12/26/2013).
- . 2013bf. “#5 of Our Top-Ten Evolution Stories of 2013: Introducing a New Intelligent Design Curriculum, *Discovering Intelligent Design*.” Discovery Institute *Evolution News & Views* 28 December repost of 21 May entry (online text at evolutionnews.org accessed 1/1/2014).
- . 2014a. “If Chemistry Can Be Wrong, How Much More Evolutionary Theory?” Discovery Institute *Evolution News & Views* for 3 January (online text at evolutionnews.org accessed 1/20/2014).

- . 2014b. “Yale Finds Choreography in the Brain.” Discovery Institute *Evolution News & Views* for 8 January (online text at evolutionnews.org accessed 1/20/2014).
- . 2014c. “The ‘Other Flagellum’ Is Also a Design Wonder.” Discovery Institute *Evolution News & Views* for 9 January (online text at evolutionnews.org accessed 1/20/2014).
- . 2014d. “Image Processing in the Eye: Like ‘Magic’.” Discovery Institute *Evolution News & Views* for 16 January (online text at evolutionnews.org accessed 1/25/2014).
- . 2014e. “When Biology Transformed from Chemistry to Information Theory.” Discovery Institute *Evolution News & Views* for 28 January (online text at evolutionnews.org accessed 1/29/2014).
- . 2014f. “Comparing Explanations for ‘Trade-offs’ in Darwinian Theory and ID.” Discovery Institute *Evolution News & Views* for 29 January (online text at evolutionnews.org accessed 1/29/2014).
- . 2014g. “Two Cheers for the *Washington Post*, Which Accurately Reports on Virginia’s Academic Freedom Bill.” Discovery Institute *Evolution News & Views* for 30 January (online text at evolutionnews.org accessed 2/13/2014).
- . 2014h. “RNA Shows Design, Too.” Discovery Institute *Evolution News & Views* for 4 February (online text at evolutionnews.org accessed 2/13/2014).
- . 2014i. “In the Ham-Nye Debate, Not So Much as a Glove Was Laid on Intelligent Design.” Discovery Institute *Evolution News & Views* for 5 February (online text at evolutionnews.org accessed 2/13/2014).
- . 2014j. “For Darwin Day 2014, Discovery Institute Will Name University of Chicago Biologist Jerry Coyne as ‘Censor of the Year’.” Discovery Institute *Evolution News & Views* for 10 February (online text at evolutionnews.org accessed 2/13/2014).
- . 2014k. “In the Canadian Rockies, a Major Fossil Find Intensifies the Object of Darwin’s Doubt.” Discovery Institute *Evolution News & Views* for 13 February (online text at evolutionnews.org accessed 2/19/2014).
- . 2014l. “Suddenly, It’s OK to Say that Owls Are Engineered.” Discovery Institute *Evolution News & Views* for 14 February (online text at evolutionnews.org accessed 2/19/2014).
- . 2014m. “Here’s a Bubble That’s Ready to Burst: Oxygen as an Explanation for the Cambrian Explosion.” Discovery Institute *Evolution News & Views* for 26 February (online text at evolutionnews.org accessed 12/3/2014).
- . 2014n. “Three More Codes in Nature to Decipher.” Discovery Institute *Evolution News & Views* for 11 March (online text at evolutionnews.org accessed 3/28/2014).
- . 2014o. “Legislators Demand Answers about Intelligent Design Ban at Ball State University.” Discovery Institute *Evolution News & Views* for 11 March (online text at evolutionnews.org accessed 3/28/2014).
- . 2014p. “Now So Simple: Fruit Fly ENCODE Arrives.” Discovery Institute *Evolution News & Views* for 20 March (online text at evolutionnews.org accessed 3/28/2014).
- . 2014q. “Engineers Flatter Nature by Imitation.” Discovery Institute *Evolution News & Views* for 2 April (online text at evolutionnews.org accessed 5/23/2014).
- . 2014r. “Defining ‘Functional’: The Latest from ENCODE.” Discovery Institute *Evolution News & Views* for 29 April (online text at evolutionnews.org accessed 5/23/2014).
- . 2014s. “Coming to Grips with ENCODE: More on the Question of ‘Function’.” Discovery Institute *Evolution News & Views* for 1 May (online text at evolutionnews.org accessed 5/23/2014).
- . 2014t. “*Et Tu*, Octopus? It Was Hard Enough to Explain Human Eyes by Unguided Processes.” Discovery Institute *Evolution News & Views* for 7 May (online text at evolutionnews.org accessed 5/23/2014).
- . 2014u. “NSF Study on Green Algae Finds Darwin Was Wrong About Competition.” Discovery Institute *Evolution News & Views* for 8 May (online text at evolutionnews.org accessed 5/23/2014).
- . 2014v. “Michael Denton on How Kinesins, the Cell’s ‘Wondrous Mini-Machine,’ Give Evidence of Design.” Discovery Institute *Evolution News & Views* 16 May posting (online

- text at *evolutionnews.org* accessed 1/3/2016).
- . 2014w. “Alien DNA Found? Yes, and It Was Intelligently Designed.” Discovery Institute *Evolution News & Views* for 17 May (online text at *evolutionnews.org* accessed 5/23/2014).
 - . 2014x. “First It Was the Genome, Now the Proteome: Another Information-Rich Library.” Discovery Institute *Evolution News & Views* 29 May posting (online text at *evolutionnews.org* accessed 6/4/2014).
 - . 2014y. “A Group of Darwin-Skeptical Scientists Seeking a ‘Third Way’ in Biology Have Launched a New Website; Welcome to Them!” Discovery Institute *Evolution News & Views* 31 May posting (online text at *evolutionnews.org* accessed 6/3/2014).
 - . 2014z. “Apoptosis Is Unchanged from Cambrian Corals to Humans.” Discovery Institute *Evolution News & Views* 13 June posting (online text at *evolutionnews.org* accessed 6/16/2014).
 - . 2014aa. “*Darwin’s Doubt* Is Recognized as a ‘Book of the Year’ by *World Magazine*.” Discovery Institute *Evolution News & Views* 21 June posting (online text at *evolutionnews.org* accessed 6/25/2014).
 - . 2014ab. “Academic Freedom Alert: Ask State-Run New Mexico Science Museum Why It Used ‘Darwin Day’ to Promote Atheism.” Discovery Institute *Evolution News & Views* 29 June posting (online text at *evolutionnews.org* accessed 7/1/2014).
 - . 2014ac. “Squeezing the Last Life Out of the Miller Experiment.” Discovery Institute *Evolution News & Views* 30 June posting (online text at *evolutionnews.org* accessed 7/3/2014).
 - . 2014ad. “So Explaining the Cambrian Explosion is All About the Oxygen, Is It?” Discovery Institute *Evolution News & Views* for 12 July (online text at *evolutionnews.org* accessed 12/3/2014).
 - . 2014ae. “The ‘Flat Animal’: Is It a Cambrian Ancestor?” Discovery Institute *Evolution News & Views* 15 July posting (online text at *evolutionnews.org* accessed 7/17/2014).
 - . 2014af. “Each Time Genomic ‘Junk’ Turns Out to be Functional, the Case for Intelligent Design Gets Stronger.” Discovery Institute *Evolution News & Views* 22 July posting (online text at *evolutionnews.org* accessed 7/24/2014).
 - . 2014ag. “Good Grief. No, Airplanes Don’t ‘Evolve’ by Natural Law.” Discovery Institute *Evolution News & Views* 25 July posting (online text at *evolutionnews.org* accessed 7/26/2014).
 - . 2014ah. “MicroRNAs Still Do Not Support an Evolutionary ‘Tree of Life’.” Discovery Institute *Evolution News & Views* 31 July posting (online text at *evolutionnews.org* accessed 8/6/2014).
 - . 2014ai. “In the Human Genome, Function Is Thwere When You Look for It.” Discovery Institute *Evolution News & Views* 7 August posting (online text at *evolutionnews.org* accessed 8/13/2014).
 - . 2014aj. “Dembski Speaks at the University of Chicago; Mathematician Leo Kandanoff Says Darwinists Need to ‘Deal with These Questions’.” Discovery Institute *Evolution News & Views* 13 August posting (online text at *evolutionnews.org* accessed 8/21/2014).
 - . 2014ak. “Monkey Business at Amazon.” Discovery Institute *Evolution News & Views* 14 August posting (online text at *evolutionnews.org* accessed 8/21/2014).
 - . 2014al. “A New Documentary Reveals the Hidden Ideological and Scientific Roots of World War I.” Discovery Institute *Evolution News & Views* 18 August posting (online text at *evolutionnews.org* accessed 8/19/2014).
 - . 2014am. “When Robots Swarm, It’s Intelligent Design, Not Self-Organization. So Then What About Animals?” Discovery Institute *Evolution News & Views* for 21 August (online text at *evolutionnews.org* accessed 8/27/2014).
 - . 2014an. “Researchers Ran a Massive Yearlong Experiment to Get Bacteria to Evolve. Guess What Happened?” Discovery Institute *Evolution News & Views* for 22 August (online text at *evolutionnews.org* accessed 8/27/2014).
 - . 2014ao. “*Metaspriggina*: Vertebrate Fish Found in Cambrian Explosion.” Discovery Institute *Evolution News & Views* 29 August posting (online text at *evolutionnews.org*

- accessed 9/3/2014).
- . 2014ap. “Books and Journals Continue to Promote Misrepresentation of Copernicus and Human Exceptionalism.” Discovery Institute *Evolution News & Views* 5 September posting (online text at *evolutionnews.org* accessed 9/10/2014).
 - . 2014aq. “Alternative Splicing: The Film Editor of the Genome.” Discovery Institute *Evolution News & Views* 9 September posting (online text at *evolutionnews.org* accessed 9/10/2014).
 - . 2014ar. “Quality Control Is a Design Concept at Work in the Cell.” Discovery Institute *Evolution News & Views* 22 September posting (online text at *evolutionnews.org* accessed 10/1/2014).
 - . 2014as. “Consciousness from the Bottom Up? Try Explaining Qualia.” Discovery Institute *Evolution News & Views* 3 October posting (online text at *evolutionnews.org* accessed 10/8/2014).
 - . 2014at. “Emergence Is Real, but It Can’t Replace Information.” Discovery Institute *Evolution News & Views* 8 October posting (online text at *evolutionnews.org* accessed 10/8/2014).
 - . 2014au. “Protein Folding: A Materialists’s Nightmare.” Discovery Institute *Evolution News & Views* for 22 October (online text at *evolutionnews.org* accessed 10/22/2014).
 - . 2014av. “The Dog Delusion.” Discovery Institute *Evolution News & Views* for 30 October (online text at *evolutionnews.org* accessed 6/30/2017).
 - . 2014aw. “Low Oxygen Suffocates Darwinian Explanations for the Cambrian Explosion.” Discovery Institute *Evolution News & Views* for 4 November (online text at *evolutionnews.org* accessed 12/3/2014).
 - . 2014ax. “Arrival of the Fittest: Natural Selection as an Incantation.” Discovery Institute *Evolution News & Views* for 17 November (online text at *evolutionnews.org* accessed 11/19/2014).
 - . 2014ay. “Don’t Try This in the Laundry Room: Materialists Seek to Outsmart Thermodynamics.” Discovery Institute *Evolution News & Views* for 19 November (online text at *evolutionnews.org* accessed 11/19/2014).
 - . 2014az. “Loeb, Johanson, Wilson: Leading Scientists Bloviate on What Nobody Knows.” Discovery Institute *Evolution News & Views* for 20 November (online text at *evolutionnews.org* accessed 12/1/2014).
 - . 2014ba. “Biologists Are Getting to Be Less Reticent About Using the Phrase ‘Design Principles’.” Discovery Institute *Evolution News & Views* for 28 November (online text at *evolutionnews.org* accessed 12/3/2014).
 - . 2014bb. “Do We Live in a ‘Golden Ratio’ Universe?” Discovery Institute *Evolution News & Views* for 2 December (online text at *evolutionnews.org* accessed 12/3/2014).
 - . 2014bc. “Biological Information, a Mile and a Half Beneath the Ocean Floor.” Discovery Institute *Evolution News & Views* for 16 December (online text at *evolutionnews.org* accessed 12/17/2014).
 - . 2015a. “When Humans Make a Simplified Imitation of a Cell Machine, It’s Called Design.” Discovery Institute *Evolution News & Views* 3 January posting (online text at *evolutionnews.org* accessed 1/7/2015).
 - . 2015b. “On the Origin of Life, *Salon* Says ‘Creationists’ Are Running Scared Due to ‘Brilliant New Science’.” Discovery Institute *Evolution News & Views* 7 January posting (online text at *evolutionnews.org* accessed 4/23/2015).
 - . 2015c. “Protein Quality Control Surprise: An Enzyme Can Operate a Stalled Ribosome.” Discovery Institute *Evolution News & Views* 9 January posting (online text at *evolutionnews.org* accessed 1/15/2015).
 - . 2015d. “Evolutionarily Unrelated Animals Use Geomagnetic Navigation.” Discovery Institute *Evolution News & Views* 19 January posting (online text at *evolutionnews.org* accessed 1/22/2015).
 - . 2015e. “Geese Can Fly Over Mt. Everest without Oxygen Tanks.” Discovery Institute *Evolution News & Views* 21 January posting (online text at *evolutionnews.org* accessed 1/22/2015).

- . 2015f. “A Third Rotary Motor Has Now Been Found in Bacteria.” Discovery Institute *Evolution News & Views* 30 January posting (online text at evolutionnews.org accessed 2/6/2015).
- . 2015g. “New Edition of *Darwin Day in America* Exposes the Rise of ‘Totalitarian Science’ in the Age of Obama.” Discovery Institute *Evolution News & Views* 9 February posting (online text at evolutionnews.org accessed 2/9/2015).
- . 2015h. “Squid Recodes Its Own RNA.” Discovery Institute *Evolution News & Views* 14 February posting (online text at evolutionnews.org accessed 2/20/2015).
- . 2015i. “A Firewall Between Science and Culture? Questions and Answers with John West, Author of *Darwin Day in America*.” Discovery Institute *Evolution News & Views* 16 February posting (online text at evolutionnews.org accessed 2/20/2015).
- . 2015j. “This Weekend in California, Paul Nelson Will Speak on the ‘God of the Gaps’ Challenge and the Explanatory Superiority of Design.” Discovery Institute *Evolution News & Views* 24 February posting (online text at evolutionnews.org accessed 2/26/2015).
- . 2015k. “How Space Shield Protects Earth from ‘Sledgehammer Blow’ of ‘Killer Electrons’.” Discovery Institute *Evolution News & Views* 3 March posting (online text at evolutionnews.org accessed 3/5/2015).
- . 2015l. “*Privileged Species* with Geneticist Michael Denton Gets Its Online Premiere; See It Now!” Discovery Institute *Evolution News & Views* 24 March posting (online text at evolutionnews.org accessed 9/29/2016).
- . 2015m. “The Little Bird that Could.” Discovery Institute *Evolution News & Views* 6 April posting (online text at evolutionnews.org accessed 4/9/2015).
- . 2015n. “To Have a View on the Darwin Debate, Do You Need a PhD in Evolutionary Science?” Discovery Institute *Evolution News & Views* 7 April posting (online text at evolutionnews.org accessed 4/9/2015).
- . 2015o. “Some Scientists Say Intelligent Design Isn’t Science—Until They Have to Use It Themselves.” Discovery Institute *Evolution News & Views* 14 April posting (online text at evolutionnews.org accessed 4/16/2015).
- . 2015p. “From Developmental Biology, New Evidence for Intelligent Design: Two Videos Pose a Basic Challenge to Unguided Evolution.” Discovery Institute *Evolution News & Views* 15 April posting (online text at evolutionnews.org accessed 4/15/2015).
- . 2015q. “Scientific Consensus? You’ve Got to be Kidding, Right?” Discovery Institute *Evolution News & Views* 4 May posting (online text at evolutionnews.org accessed 5/7/2015).
- . 2015r. “Junk No Mo: Scientists Turn Genetic Junk into Master Controller.” Discovery Institute *Evolution News & Views* 8 May posting (online text at evolutionnews.org accessed 5/15/2015).
- . 2015s. “Probabilistic Programming and Conservation of Information.” Discovery Institute *Evolution News & Views* 14 May posting (online text at evolutionnews.org accessed 5/21/2015).
- . 2015t. “Any Sufficiently Vacuous Evolutionary Explanation Is Indistinguishable from Magic.” Discovery Institute *Evolution News & Views* 18 May posting (online text at evolutionnews.org accessed 5/21/2015).
- . 2015u. “A New Way to Explore ID: *Discovering Intelligent Design* Curriculum Now Includes Online Learning.” Discovery Institute *Evolution News & Views* 18 May posting (online text at evolutionnews.org accessed 6/1/2015).
- . 2015v. “Warm-Bloodedness in an Ocean Fish Stuns Evolutionists.” Discovery Institute *Evolution News & Views* 19 May posting (online text at evolutionnews.org accessed 5/28/2015).
- . 2015w. “Darwin, Design, and Phototropism.” Discovery Institute *Evolution News & Views* 26 May posting (online text at evolutionnews.org accessed 5/28/2015).
- . 2015x. “From Chemicals to Codes at the Origin of Life: A Bridge Too Far?” Discovery Institute *Evolution News & Views* 5 June posting (online text at evolutionnews.org accessed 6/11/2015).
- . 2015y. “Information from Nothing? The Flatworm’s Tale.” Discovery Institute *Evolution*

- News & Views* 12 June posting (online text at *evolutionnews.org* accessed 6/18/2015).
- . 2015z. “Evolutionary Computing: The Invisible Hand of Intelligence.” Discovery Institute *Evolution News & Views* 17 June posting (online text at *evolutionnews.org* accessed 6/18/2015).
- . 2015aa. “Moths Defy the Possible.” Discovery Institute *Evolution News & Views* 23 June posting (online text at *evolutionnews.org* accessed 6/23/2015).
- . 2015ab. “More on Alfred Wallace, the ‘Victorian Indiana Jones’.” Discovery Institute *Evolution News & Views* 27 June posting (online text at *evolutionnews.org* accessed 7/3/2015).
- . 2015ac. “Earth’s Biosphere Is Awash in Information.” Discovery Institute *Evolution News & Views* 29 June posting (online text at *evolutionnews.org* accessed 1/20/2016).
- . 2015ad. “In Resolving Darwin’s Doubt, New Cambrian Animal Fossils Are No Help at All.” Discovery Institute *Evolution News & Views* 2 July posting (online text at *evolutionnews.org* accessed 7/13/2015).
- . 2015ae. “You Have to Be Conscious to Deny Consciousness, and Other Condundrums.” Discovery Institute *Evolution News & Views* 6 July posting (online text at *evolutionnews.org* accessed 7/13/2015).
- . 2015af. “Listen: Nancy Pearcey on Hegel and the Spiritualized View of Evolution.” Discovery Institute *Evolution News & Views* 15 Julyposting (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015ag. “Special Birds with Specialized Abilities.” Discovery Institute *Evolution News & Views* 20 Julyposting (online text at *evolutionnews.org* accessed 1/2/2016).
- . 2015ah. “The Puzzle of Perfection.” Discovery Institute *Evolution News & Views* 31 Julyposting (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015ai. “Spectacular Discovery Reveals Power Grid in Muscle Cells; Design Implications Are Profound.” Discovery Institute *Evolution News & Views* 4 August posting (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015aj. “The Un-Junk Industry.” Discovery Institute *Evolution News & Views* 10 August posting (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015ak. “Methinks This Robot Has Been, Like, Weaseled into a Darwinian Tale.” Discovery Institute *Evolution News & Views* 20 August posting (online text at *evolutionnews.org* accessed 1/4/2016).
- . 2015al. “Octopus Genome Defies Evolutionary Expectations.” Discovery Institute *Evolution News & Views* 21 August posting (online text at *evolutionnews.org* accessed 1/4/2016).
- . 2015am. “From Historian Richard Weikart, Not One but Two Important Forthcoming Books.” Discovery Institute *Evolution News & Views* 27 August posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015an. “William Provine, RIP: Noble in His Honesty.” Discovery Institute *Evolution News & Views* 3 September posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015ao. “Extinct Aliens Coul Yield a Design Inference.” Discovery Institute *Evolution News & Views* 13 September posting (online text at *evolutionnews.org* accessed 3/12/2016).
- . 2015ap. “Intelligent Design in Action: Optimization.” Discovery Institute *Evolution News & Views* 16 September posting (online text at *evolutionnews.org* accessed 3/12/2016).
- . 2015aq. “Nose for Design: Irreducible Complexity, Goal-Directed Hierarchical Organization, Combinatorial Coding.” Discovery Institute *Evolution News & Views* 24 September posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015ar. “Following *Kitzmiller v. Dover*, an Excellent Decade for Intelligent Design.” Discovery Institute *Evolution News & Views* 25 September posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015as. “Listen: Felipe Aizpún on Design, Teleology, and Philosophy.” Discovery Institute *Evolution News & Views* 7 October posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015at. “Chemistry Nobel Prize Based on Design Inference.” Discovery Institute *Evolution News & Views* 21 October posting (online text at *evolutionnews.org* accessed

- 4/22/2016).
- . 2015au. “‘Molecular Clock’ Can’t Save Darwin from the Cambrian Explosion.” Discovery Institute *Evolution News & Views* 28 October posting (online text at *evolutionnews.org* accessed 6/10/2016).
 - . 2015av. “How Many Codes in Life?” Discovery Institute *Evolution News & Views* 2 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
 - . 2015aw. “More ‘Design of Life’ Evidence: Whales.” Discovery Institute *Evolution News & Views* 4 November posting (online text at *evolutionnews.org* accessed 8/19/2016).
 - . 2015ax. “Animal Magnetism Comes to Light.” Discovery Institute *Evolution News & Views* 20 November posting (online text at *evolutionnews.org* accessed 5/4/2016).
 - . 2015ay. “Rocket Science in a Microbe Saves the Planet.” Discovery Institute *Evolution News & Views* 23 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
 - . 2015az. “Brain Neurons Are Well Organized, Not Spaghetti Cables.” Discovery Institute *Evolution News & Views* 30 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
 - . 2015ba. “How Do We Know These Artifacts Are Designed if We Don’t Know the Designer?” Discovery Institute *Evolution News & Views* 7 December posting (online text at *evolutionnews.org* accessed 4/22/2016).
 - . 2016a. “A Designer Encourages Scientists to Think Like Designers.” Discovery Institute *Evolution News & Views* 2 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016b. “What Origin-of-Life Researchers Forgot.” Discovery Institute *Evolution News & Views* 6 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016c. “Casting a Design Light on Genetically Modified Salmon.” Discovery Institute *Evolution News & Views* 8 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016d. “An ‘Exquisitely Designed’ Enzyme that Maintains DNA Building Blocks.” Discovery Institute *Evolution News & Views* 16 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016e. “United Methodist Church Displays Intolerance by Banning Intelligent Design from General Conference.” Discovery Institute *Evolution News & Views* 18 January posting (online text at *evolutionnews.org* accessed 1/26/2016).
 - . 2016f. “Are Tardigrades ‘a Head’ of Arthropods?” Discovery Institute *Evolution News & Views* 24 January posting (online text at *evolutionnews.org* accessed 2/12/2016).
 - . 2016g. “New Poll: Most Americans Turn Thumbs Down on United Methodist Ban on Intelligent Design.” Discovery Institute *Evolution News & Views* 25 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016h. “Denton’s *Evolution: Still a Theory in Crisis*, a Fresh and Powerful Challenge to Darwinism.” Discovery Institute *Evolution News & Views* 26 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016i. “Conversations with Michael Denton: The Galápagos Finches as a ‘Two-Edged Sword’.” Discovery Institute *Evolution News & Views* 27 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016j. “Nature Wants to Get Darwinists on the Biomimetics Bandwagon.” Discovery Institute *Evolution News & Views* 1 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016k. “Junk DNA: Is Preventing Breast Cancer a Function?” Discovery Institute *Evolution News & Views* 6 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016l. “Researchers Proclaim: Instant Animals by Chance.” Discovery Institute *Evolution News & Views* 16 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
 - . 2016m. “Is It a ‘Pumpjack’? An ‘Unsewing’ Machine? In Search of the Right Metaphor for a New Molecular Wonder.” Discovery Institute *Evolution News & Views* 19 February posting (online text at *evolutionnews.org* accessed 4/23/2016).

- . 2016n. “Stephen Meyer Meets Lawrence Kraus, and More—March Is Going to Be Interesting.” Discovery Institute *Evolution News & Views* 22 February posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016o. “The Physics and Biology of Olfaction.” Discovery Institute *Evolution News & Views* 1 March posting (online text at evolutionnews.org accessed 4/23/2016).
- . 2016p. “Geologists Kick Out Props for Evolutionary Theories of the Cambrian Explosion.” Discovery Institute *Evolution News & Views* 11 March posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016q. “‘Settled Science’ and the Cambrian Explosion—Geologists Weigh In.” Discovery Institute *Evolution News & Views* 12 March posting (online text at evolutionnews.org accessed 4/26/2016).
- . 2016r. “Baroque Botany: Elaborate but Fictional.” Discovery Institute *Evolution News & Views* 22 March posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016s. “Fish Teach Humans about Design.” Discovery Institute *Evolution News & Views* 1 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016t. “Biomimetics—Where the Action Is, Continued.” Discovery Institute *Evolution News & Views* 6 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016u. “New Poll Reveals Evolution’s Corrosive Impact on Beliefs about Human Uniqueness.” Discovery Institute *Evolution News & Views* 6 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016v. “Denton’s Challenge: Are Leaf Shapes Adaptive?” Discovery Institute *Evolution News & Views* 13 April posting (online text at evolutionnews.org accessed 4/24/2016).
- . 2016w. “Tom Woodward and ‘DNA & Beyond’.” Discovery Institute *Evolution News & Views* 25 April posting (online text at evolutionnews.org accessed 4/25/2016).
- . 2016x. “The Magnetic Sense Is More Complex than Iron Bits.” Discovery Institute *Evolution News & Views* 29 April posting (online text at evolutionnews.org accessed 5/4/2016).
- . 2016y. “From the BBC, Human Evolution in 15 Easy Steps.” Discovery Institute *Evolution News & Views* 5 May posting (online text at evolutionnews.org accessed 5/5/2016).
- . 2016z. “Galápagos Finches: A Failed Evolutionary Icon that Won’t Go Away.” Discovery Institute *Evolution News & Views* 8 May posting (online text at evolutionnews.org accessed 5/9/2016).
- . 2016aa. “Galloping Flagella and Cilia Railroads—Getting Ready to Celebrate Twenty Years of *Darwin’s Black Box*.” Discovery Institute *Evolution News & Views* 9 May posting (online text at evolutionnews.org accessed 5/10/2016).
- . 2016ab. “In Arguments for Common Ancestry, Scientific Errors Compound Theoretical Problems.” Discovery Institute *Evolution News & Views* 16 May posting (online text at evolutionnews.org accessed 5/21/2016).
- . 2016ac. “Oceans Full of Design.” Discovery Institute *Evolution News & Views* 17 May posting (online text at evolutionnews.org accessed 5/20/2016).
- . 2016ad. “Humans, Chickens, and the Vitellogenin Pseudogene—Suming Up.” Discovery Institute *Evolution News & Views* 25 May posting (online text at evolutionnews.org accessed 6/19/2016).
- . 2016ae. “Finagling Molecular Clocks to Fit Darwinism.” Discovery Institute *Evolution News & Views* 27 May posting (online text at evolutionnews.org accessed 6/2/2016).
- . 2016af. “Origin-of-Life Research: Start Over.” Discovery Institute *Evolution News & Views* 6 June posting (online text at evolutionnews.org accessed 6/8/2016).
- . 2016ag. “Medicine and our ‘Perfect’ Anatomy.” Discovery Institute *Evolution News & Views* 7 June posting (online text at evolutionnews.org accessed 6/8/2016).
- . 2016ah. “Is Genome Grammar Just a Figure of Speech?” Discovery Institute *Evolution News & Views* 13 June posting (online text at evolutionnews.org accessed 6/15/2016).
- . 2016ai. “Oh, Deer: Mammals Use Magnetic Navigation, Too.” Discovery Institute *Evolution News & Views* 15 June posting (online text at evolutionnews.org accessed 6/17/2016).

- . 2016aj. “No Offense! ‘Bird Brain’ Is a Compliment.” Discovery Institute *Evolution News & Views* 20 June posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016ak. “In *The Design of Life*, Dembski and Wells Offer a Powerful Survey of the Case for Intelligent Design.” Discovery Institute *Evolution News & Views* 27 June posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016al. “Whale of a Tale: Straining at Mutational Gnats While Swallowing Genetic Camels.” Discovery Institute *Evolution News & Views* 28 June posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016am. “UCLA Team Turbo-Charges Berra’s Blunder.” Discovery Institute *Evolution News & Views* 29 June posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016an. “For July 4 Weekend, Poll Shows Huge Support for Academic Freedom in Teaching, Research on Evolution.” Discovery Institute *Evolution News & Views* 1 July posting (online text at *evolutionnews.org* accessed 7/7/2016).
- . 2016ao. “Desperate for Company, SETI Ratchets Up the Design Inference.” Discovery Institute *Evolution News & Views* 7 July posting (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016ap. “How Hummingbirds Avoid Collisions.” Discovery Institute *Evolution News & Views* 22 July posting (online text at *evolutionnews.org* accessed 7/27/2016).
- . 2016aq. “Miracles in Evolutionary Theory.” Discovery Institute *Evolution News & Views* 28 July posting (online text at *evolutionnews.org* accessed 8/3/2016).
- . 2016ar. “Rotary Engine Technology in Living Cells.” Discovery Institute *Evolution News & Views* 3 August posting (online text at *evolutionnews.org* accessed 8/3/2016).
- . 2016as. “Early Whale Echolocation Was Fully Formed.” Discovery Institute *Evolution News & Views* 9 August posting (online text at *evolutionnews.org* accessed 6/10/2017).
- . 2016at. “Natural Selection Is Hard to Measure.” Discovery Institute *Evolution News & Views* 15 August posting (online text at *evolutionnews.org* accessed 8/19/2016).
- . 2016au. “New Precambrian Embryos Are Equivocal at Best.” Discovery Institute *Evolution News & Views* 18 August posting (online text at *evolutionnews.org* accessed 9/2/2016).
- . 2016av. “Butterflies, Birds, Sea Turtles, and Whales—News from the Design of Life.” Discovery Institute *Evolution News & Views* 22 August posting (online text at *evolutionnews.org* accessed 9/2/2016).
- . 2016aw. “A Billion Genes and Not One Beneficial Mutation.” Discovery Institute *Evolution News & Views* 26 August posting (online text at *evolutionnews.org* accessed 8/30/2016).
- . 2016ax. “There’s Quality Control Even in the Cell’s Trash Pickup.” Discovery Institute *Evolution News & Views* 8 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016ay. “Surprise Grows Over Importance of Previously Dismissed Portions of the Genome.” Discovery Institute *Evolution News & Views* 15 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016az. “Design Paper Hits a Home Run.” Discovery Institute *Evolution News & Views* 21 September posting (online text at *evolutionnews.org* accessed 9/29/2016).
- . 2016ba. “Look at All that Goes into Translating a Gene.” Discovery Institute *Evolution News & Views* 29 September posting (online text at *evolutionnews.org* accessed 9/30/2016).
- . 2016bb. “With More Information About the Royal Society Meeting, Let’s Not Boost Expectations Too High.” Discovery Institute *Evolution News & Views* 30 September posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bc. “Did a Commenter at BioLogos Find a Damning Error in Meyer’s *Signature in the Cell?* Nope.” Discovery Institute *Evolution News & Views* 3 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bd. “Imagine: 60 Million Proteins in One Cell Working Together.” Discovery Institute *Evolution News & Views* 4 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016be. “Chemical Evolution and the Origin of Life—A Bridge Too Far, Waaaay Too

- Far.” Discovery Institute *Evolution News & Views* 12 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bf. “Tom Wolfe and the ‘Kudzu’ of ‘Settled Science’.” Discovery Institute *Evolution News & Views* 22 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bg. “On the Origin of Brains.” Discovery Institute *Evolution News & Views* 28 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bh. “Twenty Years of ‘Revolutionary’ Machines: The Case of ATP Synthase.” Discovery Institute *Evolution News & Views* 1 November posting (online text at *evolutionnews.org* accessed 11/6/2016).
- . 2016bi. “How Consensus Can Blind Science.” Discovery Institute *Evolution News & Views* 4 November posting (online text at *evolutionnews.org* accessed 11/28/2016).
- . 2016bj. “ID’s British Invasion Is a Hit as We Complete the ‘Beyond Materialism’ Conference at Cambridge U.” Discovery Institute *Evolution News & Views* 13 November posting (online text at *evolutionnews.org* accessed 11/28/2016).
- . 2016bk. “What It Takes to Build a Hook for the Flagellum.” Discovery Institute *Evolution News & Views* 15 November posting (online text at *evolutionnews.org* accessed 11/28/2016).
- . 2016bl. “An Unbearable Rush—Antarctic Whale Fossil Poses a Challenge to Evolution that Won’t Go Away.” Discovery Institute *Evolution News & Views* 16 November posting (online text at *evolutionnews.org* accessed 1/4/2017).
- . 2016bm. “Evolution of Mammary Glands.” Discovery Institute *Evolution News & Views* 16 November posting (online text at *evolutionnews.org* accessed 11/16/2016).
- . 2016bn. “Hybrids Weave Darwin’s Tree into a Web.” Discovery Institute *Evolution News & Views* 30 November posting (online text at *evolutionnews.org* accessed 12/1/2016).
- . 2016bo. “Fact-Check: Reporter John Austin Misrepresents TX Science Standards, Refuses to Correct the Record.” Discovery Institute *Evolution News & Views* 5 December posting (online text at *evolutionnews.org* accessed 12/13/2016).
- . 2016bp. “Why the Royal Society Meeting Mattered, in a Nutshell.” Discovery Institute *Evolution News & Views* 5 December posting (online text at *evolutionnews.org* accessed 12/8/2016).
- . 2016bq. “Feathers on a Bird or Dinosaur Tail? The Media Are Certain; the Scientific Evidence Less So.” Discovery Institute *Evolution News & Views* 9 December posting (online text at *evolutionnews.org* accessed 12/16/2016).
- . 2016br. “Silicon-Based Life: If Scientists Repurpose an Enzyme, Is It Intelligent Design?” Discovery Institute *Evolution News & Views* 12 December posting (online text at *evolutionnews.org* accessed 12/16/2016).
- . 2016bs. “To Rule Out False Positives in the Search for ET, Astrophysicist Advocates a Design Filter.” Discovery Institute *Evolution News & Views* 21 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
- . 2016bt. “Let’s Tell the Truth about Science Funding.” Discovery Institute *Evolution News & Views* 22 December posting (online text at *evolutionnews.org* accessed 1/4/2017).
- . 2016bu. “Sea Turtles from Pre-Turtles? No evidence of It.” Discovery Institute *Evolution News & Views* 22 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
- . 2017a. “Intelligence Is Not Magic. It’s a Cause We Know.” Discovery Institute *Evolution News & Views* 3 January posting (online text at *evolutionnews.org* accessed 1/4/2017).
- . 2017b. “Interview: Biochemist Explains Why Lipids Are ‘Designed Objects’.” Discovery Institute *Evolution News & Views* 6 January posting (online text at *evolutionnews.org* accessed 1/13/2017).
- . 2017c. “Cornell Researchers Find Another Epigenetic Code that Affects Messenger-RNA Productivity.” Discovery Institute *Evolution News & Views* 10 January posting (online text at *evolutionnews.org* accessed 1/13/2017).
- . 2017d. “Whether in Bacteria or Humans, Quality Control Systems Operate Everywhere in

- the Cell.” Discovery Institute *Evolution News & Views* 13 January posting (online text at *evolutionnews.org* accessed 1/28/2017).
- . 2017e. “Did Complex Flight Feathers ‘Emerge?’” Discovery Institute *Evolution News & Views* 2 February posting (online text at *evolutionnews.org* accessed 2/3/2017).
- . 2017f. “With Darwin Day Approaching, It’s Time for a Look Back at Evolution and American History.” Discovery Institute *Evolution News & Views* 8 February posting (online text at *evolutionnews.org* accessed 2/11/2017).
- . 2017g. “German Paleontologist Günter Bechly Joins the Center for Science & Culture as a New Senior Fellow.” Discovery Institute *Evolution News & Views* 10 February posting (online text at *evolutionnews.org* accessed 2/10/2017).
- . 2017h. “To Match the Genius of Centipedes, Bats, and Peacocks, Scientists Play a Game of Catch Up.” Discovery Institute *Evolution News & Views* 16 February posting (online text at *evolutionnews.org* accessed 2/22/2017).
- . 2017i. “Molecular Machine Menagerie Brightens.” Discovery Institute *Evolution News & Views* 20 February posting (online text at *evolutionnews.org* accessed 2/22/2017).
- . 2017j. “More Marvels in the Molecular Machine Menagerie.” Discovery Institute *Evolution News & Views* 21 February posting (online text at *evolutionnews.org* accessed 2/22/2017).
- . 2017k. “Research Showcases Intelligent Design Principles.” Discovery Institute *Evolution News & Views* 6 March posting (online text at *evolutionnews.org* accessed 3/13/2017).
- . 2017l. “The Hottest New Computer Is: DNA.” Discovery Institute *Evolution News & Science Today* 10 March posting (online text at *evolutionnews.org* accessed 3/16/2017).
- . 2017m. “Evolving Icons of Evolution.” Discovery Institute *Evolution News & Science Today* 13 March posting (online text at *evolutionnews.org* accessed 3/16/2017).
- . 2017n. “Feather Design Is Better than Thought.” Discovery Institute *Evolution News & Science Today* 31 March posting (online text at *evolutionnews.org* accessed 4/9/2017).
- . 2017o. “Electric DNA, Circular RNA, and Other Epigenetic Wonders.” Discovery Institute *Evolution News & Science Today* 3 April posting (online text at *evolutionnews.org* accessed 4/9/2017).
- . 2017p. “Resolution Introduced in Alabama Reflects Views of the Vast Majority of Americans on Teaching Evolution.” Discovery Institute *Evolution News & Science Today* 3 April posting (online text at *evolutionnews.org* accessed 4/9/2017).
- . 2017q. “Why Can the Public School Students Not Know About This?” Discovery Institute *Evolution News & Science Today* 6 April posting (online text at *evolutionnews.org* accessed 5/7/2017).
- . 2017r. “Octopus Genetic Editing—Animals Defy Their Own Neo-Darwinism.” Discovery Institute *Evolution News & Science Today* 10 April posting (online text at *evolutionnews.org* accessed 4/16/2017).
- . 2017s. “Genetic Code Complexity Just Tripled.” Discovery Institute *Evolution News & Science Today* 21 April posting (online text at *evolutionnews.org* accessed 4/30/2017).
- . 2017t. “Evolutionist Jerry Coyne Reviews—Sorry, ‘Notices’—*Zombie Science*.” Discovery Institute *Evolution News & Science Today* 26 April posting (online text at *evolutionnews.org* accessed 5/7/2017).
- . 2017u. “Despite Reports to the Contrary, Texas Preserves Language Calling for Critical Analysis of Evolution.” Discovery Institute *Evolution News & Science Today* 26 April posting (online text at *evolutionnews.org* accessed 4/30/2017).
- . 2017v. “Texas Education Board Member: What the Board REALLY Did on Teaching Evolution.” Discovery Institute *Evolution News & Science Today* 26 April posting (online text at *evolutionnews.org* accessed 4/30/2017).
- . 2017w. “Two Genetic Blows Against Darwinian Speciation.” Discovery Institute *Evolution News & Science Today* 27 April posting (online text at *evolutionnews.org* accessed 4/30/2017).
- . 2017x. “Disappointment! *Home naledi* Is Younger than Previously Thought.” Discovery Institute *Evolution News & Science Today* 28 April posting (online text at

- evolutionnews.org* accessed 5/7/2017).
- . 2017y. “Brazil’s Mackenzie University to Launch New Center on Intelligent Design.” Discovery Institute *Evolution News & Science Today* 2 May posting (online text at *evolutionnews.org* accessed 5/7/2017).
- . 2017z. “EvoKE Project Pushes European Public to ‘Accept’ Evolution.” Discovery Institute *Evolution News & Science Today* 8 May posting (online text at *evolutionnews.org* accessed 5/15/2017).
- . 2017aa. “Molecular Machines Reach Perfection.” Discovery Institute *Evolution News & Science Today* 9 May posting (online text at *evolutionnews.org* accessed 5/15/2017).
- . 2017ab. “Recognizing Life is Different from Natural Processes, Science Balances on the Edge of ID.” Discovery Institute *Evolution News & Science Today* 10 May posting (online text at *evolutionnews.org* accessed 5/18/2017).
- . 2017ac. “Jonathan Wells: Biologist, Author of *Zombie Science*, and ... Ex-Con?” Discovery Institute *Evolution News & Science Today* 10 May posting (online text at *evolutionnews.org* accessed 5/15/2017).
- . 2017ad. “More Admissions of Cambrian Explosiveness.” Discovery Institute *Evolution News & Science Today* 13 May posting (online text at *evolutionnews.org* accessed 5/18/2017).
- . 2017ae. “A Thousand *Dickinsonia* Specimens Don’t Change the Ediacaran Story.” Discovery Institute *Evolution News & Science Today* 24 May posting (online text at *evolutionnews.org* accessed 5/24/2017).
- . 2017af. “‘Haunted’ by Intelligent Design, an Organizer Reports on the Royal Society Meeting.” Discovery Institute *Evolution News & Science Today* 26 May posting (online text at *evolutionnews.org* accessed 6/5/2017).
- . 2017ag. “No Controversies About Darwinism? Try This One.” Discovery Institute *Evolution News & Science Today* 30 May posting (online text at *evolutionnews.org* accessed 6/5/2017).
- . 2017ah. “Design Wonders in a Ladybird Beetle.” Discovery Institute *Evolution News & Science Today* for 2 June (online text at *evolutionnews.org* accessed 6/24/2017).
- . 2017ai. “Escape from Randomness: Can Foldons Explain Protein Functional Shapes?” Discovery Institute *Evolution News & Science Today* for 23 June (online text at *evolutionnews.org* accessed 7/1/2017).
- . 2017aj. “Collective Motion Multiplies Design Requirements.” Discovery Institute *Evolution News & Science Today* for 29 June (online text at *evolutionnews.org* accessed 7/1/2017).
- . 2017ak. “Desperately Seeking Evolutionary Innovation by Chance.” Discovery Institute *Evolution News & Science Today* for 26 July (online text at *evolutionnews.org* accessed 7/26/2017).
- . 2017al. “Dan Graur, Anti-ENCODE Crusader, Is Back.” Discovery Institute *Evolution News & Science Today* for 28 July (online text at *evolutionnews.org* accessed 7/28/2017).
- . 2017am. “Ribosomes Optimized for Speed, Flexibility.” Discovery Institute *Evolution News & Science Today* for 2 August (online text at *evolutionnews.org* accessed 8/5/2017).
- Evolution Not Creationism*. 2011. “Teach evolution, not creationism!” *Evolution Not Creationism* posting (online text at *evolutionnotcreationism.org.uk* accessed 9/27/2011).
- Evolution Project*. 2001. “The Evolution Controversy: Lose It or Lose It.” *Review Evolution* posting of 15 June WGBH Boston program notes (online pdf at *www.reviewevolution.com* accessed 3/27/2014).
- Evolution Vs. God*. 2013. “Commendations.” *Evolution Vs. God* posting (online text at *www.evolutionvsgod.com* accessed 8/12/2013).
- EvoWiki*. 2006a. “Lewontin on materialism.” Entry last modified 16 April (online text at *wiki.crotch.net* accessed 9/30/2010).
- . 2006b. “List of Dragon/Dinosaur Fabrications Taken From Paul Taylor’s book *The Great Dinosaur Mystery and the Bible and Its Rebuttals To Them*.” Entry last modified 29 September (online text at *wiki.crotch.net* accessed 9/7/2013).
- . 2008a. “Darwin on evolution of the eye.” Entry last modified 21 April (online text at

- evolutionwiki.org* accessed 11/27/2013).
- . 2008b. “Footprints in Coconino sandstone appear to have been made underwater.” Entry last modified 19 May (online text at *evolutionwiki.org* accessed 9/11/2013).
- Ewald, Paul W.** 1993. “The Evolution of Virulence.” *Scientific American* **268** (April): 86-88, 90-93.
- . 2000. *Plague Time: How Stealth Infections Cause Cancers, Heart Disease, and Other Deadly Ailments*. New York: The Free Press.
- EWAO.** 2015. “290 million year old human footprint—Researchers remain silent.” *EWAO Earth, We Are One* 7 April posting (online text at *www.ewao.com* accessed 12/29/2015).
- Ewert, Donald L.** 2010a. “Adaptive Immunity: Chance of Necessity?” Discovery Institute *Evolution News & Views* for 9 November (online text at *evolutionnews.org* accessed 2/3/2013).
- . 2010b. “Generation of Antibody Diversity is Unlike Darwinian Evolution.” Discovery Institute *Evolution News & Views* for 10 November (online text at *evolutionnews.org* accessed 2/3/2013).
- . 2010c. “Affinity Maturation and Somatic Cell Hypermutation: Intricately Controlled Processes that are Unlike Mutation and Selection.” Discovery Institute *Evolution News & Views* for 11 November (online text at *evolutionnews.org* accessed 2/3/2013).
- . 2010d. “Not By Chance: Controlling Affinity Maturation.” Discovery Institute *Evolution News & Views* for 15 November (online text at *evolutionnews.org* accessed 2/3/2013).
- . 2010e. “Adaptive Immunity: Darwinism in Miniature or High-Tech Tinkering with Stasis?” Discovery Institute *Evolution News & Views* for 16 November (online text at *evolutionnews.org* accessed 2/3/2013).
- . 2010f. “Response to Edward Max on TalkOrigins Immunity Article.” Discovery Institute *Evolution News & Views* for 19 November (online text at *evolutionnews.org* accessed 2/3/2013).
- Ewert, Donald L., Jianzhong Lu, Wei Li, Xiaoping Du, Robert Floyd, & Richard Kopke.** 2012. “Antioxidant treatment reduces blast-induced cochlear damage and hearing loss.” *Hearing Research* **285** (March): 29-39.
- Ewert, Winston.** 2013a. “Information, Past and Present.” *Panda’s Thumb* posting 15 April (online text at *pandasthumb.org* accessed 4/19/2013).
- . 2013b. “Design Detection in the Dark.” Discovery Institute *Evolution News & Views* for 6 June (online text at *evolutionnews.org* accessed 8/3/2013).
- . 2013c. “Pink EleP(T|H)ants on Parade: Understanding, and Misunderstanding, the Design Inference.” Discovery Institute *Evolution News & Views* for 17 June (online text at *evolutionnews.org* accessed 8/3/2013).
- . 2014a. “Where do we get the probabilities?” *Uncommon Descent* posting 3 February (online text at *uncommondescent.com* accessed 2/4/2014).
- . 2014b. “Digital Irreducible Complexity: A Survey of Irreducible Complexity in Computer Simulations.” *BIO-Complexity* (online @ *bio-complexity.org*) **2014** (1): 1-10.
- . 2014c. “No, Avida Has Not Falsified Irreducible Complexity.” Discovery Institute *Evolution News & Views* for 29 April (online text at *evolutionnews.org* accessed 5/23/2014).
- . 2015a. “These Critics of Intelligent Design Agree with Us More Than They Seem to Realize.” Discovery Institute *Evolution News & Views* for 27 April (online text at *evolutionnews.org* accessed 4/30/2015).
- . 2015b. “Specified Complexity—Like Déjà vu All Over Again.” Discovery Institute *Evolution News & Views* for 2 December (online text at *evolutionnews.org* accessed 12/3/2015).
- . 2016. “Haarsma’s Pykaryotes—Another Failed Evolution Simulation.” Discovery Institute *Evolution News & Views* for 18 April (online text at *evolutionnews.org* accessed 4/24/2016).
- Ewert, Winston, William A. Dembski, & Robert J. Marks II.** 2009. “Evolutionary Synthesis of Nand Logic: Dissecting a Digital Organism.” *Proceedings of the 2009 IEEE International Conference on Systems, Man, and Cybernetics* San Antonio, Texas (October):

- 3047-3053.
- . 2012. “Climbing the Steiner Tree—Sources of Active Information in a Genetic Algorithm for Solving the Euclidean Steiner Tree Problem.” *BIO-Complexity* (online @ bio-complexity.org) **2012** (1): 1-14.
- . 2013a. “Tierra: The Character of Adaptation,” in Marks *et al.* (2013a, 105-138).
- . 2013b. “Active Information in Metabiology.” *BIO-Complexity* (online @ bio-complexity.org) **2013** (4): 1-10.
- . 2015. “Measuring meaningful information in images: algorithmic specified complexity.” *IET Computer Vision* **9** (December): 884-894.
- Ewert, Winston, William A. Dembski, Ann K. Gauger, & Robert J. Marks II.** 2012. “Time and Information in Evolution.” *BIO-Complexity* (online @ bio-complexity.org) **2012** (4): 1-7.
- Ewing, Greg, Geoff Nicholls, & Allen Rodrigo.** 2004. “Using Temporally Spaced Sequences to Simultaneously Estimate Migration Rates, Mutation Rate and Population Sizes in Measurably Evolving Populations.” *Genetics* **168** (December): 2407-2420.
- Ewing, Greg, & Allen Rodrigo.** 2006. “Coalescent-Based Estimation of Population Parameters When the Number of Demes Changes Over Time.” *Molecular Biology and Evolution* **23** (May): 988-996.
- ExChristian.* 2006. “Mike Shermer/Kent Hovind.” *ExChristian.Net* 4 February discussion posting (online text at *exchristian.net* accessed 2/17/2009).
- Excoffier, Laurent, & Ziheng Yang.** 1999. “Substitution Rate Variation Among Sites in Mitochondrial Hypervariable Region I of Humans and Chimpanzees.” *Molecular Biology and Evolution* **16** (October): 1357-1368.
- Exgaystudy.* 2011. “New Research: ExGay Longitudinal Study.” *Exgaystudy* press release (online text at *www.exgaystudy.org* accessed 9/30/2011).
- Exodus Mandate.* 2002. “Exodus Mandate Overview.” Frontline Ministries *Exodus Mandate* homepage posting (online text at *www.exodusmandate.org* accessed 1/31/2002).
- . 2014a. “Curriculum Links.” Frontline Ministries *Exodus Mandate* undated posting (online text at *www.exodusmandate.org* accessed 1/15/2014).
- . 2014b. “Worldview Links.” Frontline Ministries *Exodus Mandate* undated posting (online text at *www.exodusmandate.org* accessed 1/15/2014).
- ExoVaticana.* 2013. “Petrus Romanus, Project Lucifer, and the Vatican’s Astonishing Plan for the Arrival of an Alien Savior.” *ExoVaticana* home page (online text at *www.exovaticana.com* accessed 5/27/2013).
- Expelled Exposed.* 2008. “Caroline Crocker.” National Center for Science Education *Expelled Exposed* undated posting (online text at *www.expelledexposed.com* accessed 4/4/2012).
- Explore Evolution.* 2009. “Endorsements.” *Explore Evolution* undated posting (online text at *www.exploreevolution.com* accessed 5/26/2014).
- Exposed Robert Downey Jr.* 2013. “EXPOSED: Robert Downey Jr./Chuck Missler PR Stunt?” *EXPOSED ROBERT DOWNEY JR* May posting by **King** (online text at *exposedrobertdowneyjr.blogspot.com* accessed 6/28/2014).
- Exposito, Jean-Yves, Caroline Cluzel, Robert Garrone, & Claire Lethias.** 2002. “Evolution of Collagens.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 302-316.
- Express Tribune.* 2014a. “Court upholds death penalty of Aasia Bibi.” *The Express Tribune* (Pakistan) 17 October: online text accessed 10/16/2014 (*tribune.com.pk*).
- . 2014b. “Christian couple killed for ‘desecrating Holy Quaran’ near Lahore: police.” *The Express Tribune* (Pakistan) 4 November: online text accessed 11/4/2014 (*tribune.com.pk*).
- Extavour, Cassandra G. M.** 2007. “Evolution of the bilaterian germ line: lineage origin and modulation of specification mechanisms.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 770-785.
- Ey, Les, & Don Batten.** 2002. “Weasel, a flexible program for investigating deterministic computer ‘demonstrations’ of evolution.” *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **16** (2): 84-88.

- Eye on the ICR.** 2011a. “This is the Best You Can Come Up With? – Quick DpSU.” *Daily (pseudo)Science Updates* 9 June posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011b. “Dinosaurs! (Flood Part #2).” *Daily (pseudo)Science Updates* 26 June posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011c. “Microraptor.” *Daily (pseudo)Science Updates* 12 August posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011d. “Caudipteryx, and Other Bird-Like Theropod Dinosaurs.” *Daily (pseudo)Science Updates* 26 August posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011e. “DpSU Predictions—September 20.” *Daily (pseudo)Science Updates* 20 September posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011f. “It’s Dinofuz!” *Daily (pseudo)Science Updates* 23 September posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011g. “And Now For Some Cuttlefish.” *Daily (pseudo)Science Updates* 15 December posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2011h. “Beached Whales.” *Daily (pseudo)Science Updates* 20 December posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2012a. “SRGAP2 Duplication & Inhibition.” *Daily (pseudo)Science Updates* 23 May posting (online text at eyeoncr.wordpress.com accessed 5/2/2014).
- . 2012b. “Frozen Mammoth Proteins.” *Daily (pseudo)Science Updates* 1 October posting (online text at eyeoncr.wordpress.com accessed 1/10/2012).
- . 2012c. “Just How Long Does DNA Last?” *Daily (pseudo)Science Updates* 24 October posting (online text at eyeoncr.wordpress.com accessed 7/27/2014).
- . 2013a. “Recursive Debunking.” *Daily (pseudo)Science Updates* 30 January posting (online text at eyeoncr.wordpress.com accessed 8/11/2013).
- . 2013b. “Recombination ‘Defies Evolution.’” *Daily (pseudo)Science Updates* 31 May posting (online text at eyeoncr.wordpress.com accessed 6/18/2013).
- . 2014a. “Tomkins’ 70%.” *Daily (pseudo)Science Updates* 25 June posting (online text at eyeoncr.wordpress.com accessed 1/16/2015).
- . 2014b. “Confounding the Patriarchs.” *Daily (pseudo)Science Updates* 14 July posting (online text at eyeoncr.wordpress.com accessed 8/2/2014).
- Eyers, Patrick A., & James M. Murphy.** 2016. “The evolving world of pseudoenzymes: proteins, prejudice and zombies.” *BMC Biology* (online @ biomedcentral.com) **14** (11 November): 98.
- Eynon, John.** 2010. “Why Not Secular?” Undated *Christian vs. Secular Textbooks* posting by Bob Jones University Press (online text at www.christianvssecular.com accessed 12/30/2010).
- Eyres, Isobel, Chiara Boschette, Alastair Crisp, Thomas Smith, Diego Fontaneto, Alan Tunnacliffe, & Timothy G. Barraclough.** 2015. “Horizontal gene transfer in bdelloid rotifers is ancient ongoing and more frequent in species from desiccating habitats.” *BMC Biology* (online @ biomedcentral.com) **13** (4 November): 90.
- Eyre-Walker, Adam.** 2006. “Size Does Not Matter for Mitochondrial DNA.” *Science* **312** (28 April): 537-538.
- Eyre-Walker, Adam, & Peter D. Keightley.** 1999. “High genomic deleterious mutation rates in hominids.” *Nature* **397** (28 January): 344-347.
- . 2007. “The distribution of fitness effects of new mutations.” *Nature Reviews Genetics* **8** (August): 610-618.
- Eysenck, Michael W., Nazanin Derakshan, Rita Santos, & Manuel G. Calvo.** 2007. “Anxiety and cognitive performance: attentional control theory.” *Emotion* **7** (May): 336-353.
- Ezard, Thomas H. G., Tracy Azer, Paul N. Pearson, & Andy Purvis.** 2011. “Interplay Between Changing Climate and Species’ Ecology Drives Macroevolutionary Dynamics.” *Science* **332** (15 April): 349-351.
- Ezcurra, Martín D., Pablo Velozo, Melitta Meneghel, & Graciela Piñeiro.** 2015. “Early archosauromorph remains from the Permo-Triassic Buena Vista Formation of north-eastern

Uruguay.” *PeerJ* (online @ peerj.com) **3** (19 February): 776.

Ezquerro, Rubén, Stéfan Doublet, Loic Costeur, Peter M. Galton, & Felix Pérez-Lorente. 2007. “Were non-avian theropod dinosaurs able to swim? Supportive evidence from an Early Cretaceous trackway, Cameros Basin (La Rioja, Spain).” *Geology* **35** (June): 507-510.

- Fabich, Andrew J.** 2011. “Time to Abandon Postmodernism: Living a New Way.” *Answers in Genesis Answers Research Journal* **4**: 171-183.
- . 2016a. “Zika Virus, the Olympics, and Genesis.” *Answers in Genesis* article for 5 August (online text at www.answersingenesis.org accessed 8/5/2016).
- . 2016b. “How Did Infectious Diseases Get on the Ark?” *Answers in Genesis* article for 5 December (online text at www.answersingenesis.org accessed 5/24/2017).
- Fabre, Virginie, Silvana Condemi, & Anna Degioanni.** 2009. “Genetic Evidence of Geographical Groups among Neanderthals.” *PLoS ONE* (online @ plosone.org) **4** (April): e5151.
- Facciani, Matthew.** 2015. “The Neuroscience of How Religiosity Reduces Anxiety.” *Religious Bulletin* 9 February posting (online text at www.equinoxpub.com accessed 3/16/2015).
- Fackelman, Siobhan P., Jared R. Morrow, Christian Koeberl, & Thornton H. McElvain.** 2008. “Shatter cone and microscopic shock-alteration evidence for a post-Paleoproterozoic terrestrial impact structure near Santa Fe, New Mexico, USA.” *Earth and Planetary Science Letters* **270** (30 June): 290-299.
- FACT.** 2012a. “Teacher Protection And Academic Freedom Act.” *Family Action Council of Tennessee* posting (online text at factn.org accessed 3/5/2013).
- . 2012b. “Biblical World View.” *Family Action Council of Tennessee* posting (online text at factn.org accessed 3/5/2013).
- Fagan, Brian.** 1999. *Floods, Famines and Emperors: El Niño and the Fate of Civilizations*. New York: Basic Books.
- Fagan, Crystal E., Jack A. Dunkle, Tatsuya Maehigashi, Mai N. Dang, Aishwarya Devaraj, Stacey J. Miles, Daoming Qin, Kurt Fredrick, & Christine M. Dunham.** 2013. “Reorganization of an intersubunit bridge induced by disparate 16S ribosomal ambiguity mutations mimics an EF-Tu-Bound state.” *Proceedings of the National Academy of Sciences* **110** (11 June): 9716-9721.
- Fagan, Patrick F.** 2006. “Why Religion Matters Even More: The Impact of Religious Practice on Social Stability.” *Heritage Foundation* 18 December posting (online text at blog.heritage.org accessed 11/27/2012).
- . 2009. “The Effects of Pornography on Individuals, Marriage, Family, and Community.” *Marriage & Religion Research Institute* December paper posting by *Family Research Council* (online pdf at frc.org accessed 12/15/2014).
- Fagot, Joël, Roger K. R. Thompson, & Carole Parron.** 2010. “How to read a picture: Lessons from nonhuman primates.” *Proceedings of the National Academy of Sciences* **107** (12 January): 519-520.
- Fagundes, Nelson J. R., Nicolas Ray, Mark Beaumont, Samuel Neuenschwander, Francisco M. Salzano, Sandro L. Bonatto, & Laurent Excoffier.** 2007. “Statistical evaluation of alternative models of human evolution.” *Proceedings of the National Academy of Sciences* **104** (6 November): 17614-17619.
- Faguy, David M., & Ken F. Jarrell.** 1999. “A twisted tale: the origin and evolution of motility and chemotaxis in prokaryotes.” *Microbiology* **145** (February): 279-281.
- Fahey, Bryony, & Bernard M. Degnan.** 2012. “Origin and Evolution of Laminin Gene Family Diversity.” *Molecular Biology and Evolution* **29** (July): 1823-1836.
- Fahey, Bryony, Claire Larroux, Ben J. Woodcroft, & Bernard M. Degnan.** 2008. “Does the High Gene Density in the Sponge NK Homeobox Gene Cluster Reflect Limited Regulatory Capacity?” *The Biological Bulletin* **214** (June): 205-217.
- Fahling, Brian.** 2005a. “Is Encouraging Critical Thinking Unconstitutional?” *The Union Leader* (22 January) Discovery Institute *Center for Science & Culture* posting (online text at discovery.org accessed 5/26/2014).
- . 2005b. “Theory of Evolution—Not Intelligent Design—Is Most Like Creationism.” *AFA Online* (29 April) *Free Republic* posting (online text at www.freerepublic.com accessed 5/26/2014).
- Fahlke, Julia M., Philip D. Gingerich, Robert C. Welsh, & Aaron R. Wood.** 2011. “Cranial asymmetry in Eocene archaeocete whales and the evolution of directional hearing in water.”

- Proceedings of the National Academy of Sciences* **108** (30 August): 14545-14548.
- Fåhraeus, Robin, & Marc Blondel.** 2008. "RNA-assisted protein folding." *Biotechnology Journal* **3** (August): 967-969.
- Fahrbach, Susan E.** 2004. "What arthropod brains say about arthropod phylogeny." *Proceedings of the National Academy of Sciences* **101** (16 March): 3723-3724.
- Fahrenfort, Johannes J., Jonathan van Leeuwen, Christian N. L. Olivers, & Hinze Hogendoorn.** 2017. "Perceptual integration without conscious access." *Proceedings of the National Academy of Sciences* **114** (4 April): 3744-3749.
- Fahrner, Karen A., William S. Ryu, & Howard C. Berg.** 2003. "Bacterial flagellar switching under load." *Nature* **423** (26 June): 938.
- Fahy, Geraldine E., Michael Richards, Julia Riedel, Jean-Jacques Hublin, & Christophe Boesch.** 2013. "Stable isotope evidence of meat eating and hunting specialization in adult male chimpanzees." *Proceedings of the National Academy of Sciences* **110** (9 April): 5829-5833.
- Faid, Robert W.** 1993. *A Scientific Approach to Biblical Mysteries*. Green Forest, AR: New Leaf Press.
- Fail, Joseph Jr.** 2008. "A No-Holds-Barred Evolution Curriculum for Elementary and Junior High School Students." *Evolution: Education & Outreach* **1** (January): 56-64.
- Fain, Travis, & Dave Ress.** 2014. "Nuggets (gems?) from Gov. Terry McAuliffe." Newport News (Virginia) *Daily Press* posting 31 January: online text accessed 2/13/2014 (www.dailypress.com).
- Fair, Damien A., Deepti Bathula, Molly A. Nikolas, & Joel T. Nigg.** 2012. "Distinct neuropsychological subgroups in typically developing youth inform heterogeneity in children with ADHD." *Proceedings of the National Academy of Sciences* **109** (24 April): 6769-6774.
- Fair, Damien A., Alexander L. Cohen, Nico U. F. Dosenbach, Jessica A. Church, Francis M. Miezin, Deanna M. Barch, Marcus E. Raichle, Steven E. Petersen, & Bradley L. Schlaggar.** 2008. "The maturing architecture of the brain's default network." *Proceedings of the National Academy of Sciences* **105** (11 March): 4028-4032.
- Fair, Mike, & Terry Campsen Seckinger.** 2006. "Statement regarding South Carolina Biology Standards." *Discovery Institute* undated posting (online pdf at discovery.org accessed 3/20/2014).
- FAIR.** 1994. "The Rehabilitation of Racism." *Fairness & Accuracy In Reporting* 1 December Action Alert posting (online text at www.fair.org accessed 3/1/2002).
- Fairbairn, Malcolm, & Robert Hogan.** 2014. "Electroweak Vacuum Stability in Light of BICEP2." *Physical Review Letters* **112** (20 May): 201801.
- Fairbanks, Daniel J.** 2007. *Relics of Eden: The Powerful Evidence of Evolution in Human DNA*. Amherst, NY: Prometheus Books.
- Faircloth, Sean.** 2012. *Attack of the Theocrats: How the Religious Right Harms Us All—and What We Can Do About It*. Charlottesville, VA: Pitchstone Publishing.
- Fairclough, Stephen R., Zehua Chen, Eric Kramer, Qiandong Zeng, Sarah Young, Hugh M. Robertson, Emina Begovic, Daniel J. Richter, Carsten Russ, M. Jody Westbrook, Gerard Manning, B. Franz Lang, Brian Haas, Chad Nusbaum, & Nicole King.** 2013. "Premetazoan genome evolution and the regulation of cell differentiation in the choanoflagellate *Salpingoeca rosetta*." *Genome Biology* (online @ genomebiology.com) **14** (18 February): R15.
- Fairley, John, & Simon Welfare.** 1998. *Arthur C. Clarke's Mysteries*. Amherst, NY: Prometheus Books.
- Fairman, Margaret E., Patricia A. Maroney, Wen Wang, Heath A. Bowers, Paul Gollnick, Timothy W. Nilsen, & Eckhard Jankowsky.** 2004. "Protein Displacement by DExH/D 'RNA Helicases' Without Duplex Unwinding." *Science* **304** (30 April): 730-734.
- Faisal, Aldo, Dietrich Stout, Jan Apel, & Bruce Bradley.** 2010. "The Manipulative Complexity of Lower Paleolithic Stone Toolmaking." *PLoS ONE* (online @ plosone.org) **5** (November): e13718.

- Faith, J. Tyler, & Todd A. Surovell.** 2009. “Synchronous extinction of North America’s Pleistocene mammals.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20641-20645.
- Faith, Jeremiah J., Janaki L. Guruge, Mark Charbonneau, Sathish Subramanian, Henning Seedorf, Andrew L. Goodman, Jose C. Clemente, Rob Knight, Andrew C. Heath, Rudolph L. Leibel, Michael Rosenbaum, & Jeffrey I. Gordon.** 2013. “The Long-Term Stability of the Human Gut Microbiota.” *Science* **341** (5 July): 1237439 (online at sciencemag.org).
- Faith2Action.* 2009a. “Ida: Separating the Science from the Media Campaign.” *Faith2Action* undated posting (online text at www.faith2action.org accessed 9/14/2009).
- . 2009b. “Creation Studies Institute.” *Faith2Action* undated posting (online text at www.faith2action.org accessed 9/14/2009).
- . 2009c. “Dr. Dino—Creation Science Evangelism.” *Faith2Action* undated posting (online text at www.faith2action.org accessed 9/14/2009).
- Faith Academy.* 2012. “This is ‘The Place’: Household of Faith Schools.” *Faith Academy* student handbook (online pdf at www.faithacademycrusaders.com accessed 7/28/2012).
- Faith and Action.* 2013. “Pastor at Center of Town Council Prayer Controversy Attended Supreme Court Case.” *Faith and Action in the Nation’s Capital* November posting (online text at www.faithandaction.org accessed 4/12/2014).
- Faith & Evolution.* 2009. “The Roots of Intelligent Design.” *Faith & Evolution* undated posting (online pdf at www.faithandevolution.org accessed 6/3/2009).
- . 2011. “God and Evolution Discussion Guide.” *Faith & Evolution* undated posting (online pdf at www.faithandevolution.org accessed 6/18/2014).
- Faith Bible Church.* 2014. “Articles of Faith.” *Faith Bible Church* (Rochester, New York) undated posting (online text at faithbibleroc.com accessed 4/13/2014).
- FaithBuilders.* 2014. “Our God is Alive! Lessons from Hebrews.” *FaithBuilders* Pacific Lutheran University (Tacoma, Washington) 3-5 July workshop brochure.
- Faith Facts.* 2008a. “Common Misconceptions about Christianity.” Undated posting (online text at www.faithfacts.org accessed 6/18/2011).
- . 2008b. “Evolution: Science or Creation Story?” Undated posting (online text at www.faithfacts.org accessed 6/18/2011).
- . 2009. “Biblical Principles for America’s Laws.” 22 June posting (online text at www.faithfacts.org accessed 6/18/2011).
- Faithful Word Baptist Church.* 2015. “Our Pastor.” *Faithful Word Baptist Church* (Phoenix, Arizona) undated posting (online text at www.faithfulwordbaptist.org accessed 3/2/2016).
- Faivre, Bruno, Arnaud Grégoire, Marina Prévault, Frank Cézilly, & Gabriele Sorci.** 2003. “Immune Activation Rapidly Mirrored in a Secondary Sexual Trait.” *Science* **300** (4 April): 103.
- Fakheran, Sima, Cloé Paul-Victor, Christian Heichinger, Bernhard Schmid, Ueli Grossniklaus, & Lindsay A. Turnbull.** 2010. “Adaptation and extinction in experimentally fragmented landscapes.” *Proceedings of the National Academy of Sciences* **107** (2 November): 19120-19125.
- Fakhro, Khalid A., Murium Choi, Stephanie M. Ware, John W. Belmont, Jeffrey A. Towbin, Richard P. Lifton, Mustafa K. Khokha, & Martina Brueckner.** 2011. “Rare copy number variations in congenital heart disease patients identify unique genes in left-right patterning.” *Proceedings of the National Academy of Sciences* **108** (15 February): 2915-2920.
- Falakian, Zeinab, Iraj Nikokar, Mohamadreza Nafisi, Ali Karimi, & Majid Validi.** 2011. “Frequency of Class 1 Integrons among Escherichia coli Isolates of Patients with Urinary Tract Infection.” *Iranian Journal of Clinical Infectious Diseases* **6** (4): 157-160.
- Falcón, Jack, Steven L. Coon, Laurence Besseau, Damien Cazaméa-Catalan, Michaël Fuentès, Elodie Magnanou, Charles-Hubert Paulin, Gilles Boeuf, Sandrine Sauzet, Even H. Jørgensen, Sylvie Mazan, Yuri I. Wolf, Eugene V. Koonin, Peter J. Steinbach, Susumu Hyoda, & David C. Klein.** 2014. “Drastic neofunctionalization associated with evolution of timezyme AANAT 500 Mya.” *Proceedings of the National Academy of*

- Sciences* **111** (7 January): 314-319.
- Falcon-Lang, Howard J.** 2005. "Earliest mountain forests." *Geology Today* **21** (September): 178-181.
- Falcon-Lang, H., M. J. Benton, S. J. Braddy, & S. J. Davies.** 2006. "The Pennsylvanian tropical biome reconstructed from the Joggins Formation of Nova Scotia, Canada." *Journal of the Geological Society, London* **163** (May): 561-576.
- Falcon-Lang, Howard J., Viola Mages, & Margaret Collinson.** 2016. "The oldest *Pinus* and its preservation by fire." *Geology* **44** (April): 303-306.
- Fales, Evan.** 2006. "Dover judge makes the right ruling using the wrong premise." Templeton Foundation *Science & Theology News* 10 March posting (online text at *stnews.org* accessed 3/13/2006, not available as of 5/8/2014).
- Falik, Omer, Yonat Mordoch, Lydia Quansah, Aaron Fait, & Ariel Novoplansky.** 2011. "Rumor Has It...: Relay Communication of Stress Cues in Plants." *PLoS ONE* (online @ plosone.org) **6** (November): e23625.
- Falk, Amanda R., Larry D. Martin, & Stephen T. Hasiotis.** 2011. "A morphologic criterion to distinguish bird tracks." *Journal of Ornithology* **152** (July): 701-716.
- Falk, Armin, & Nora Szech.** 2013. "Morals and Markets." *Science* **340** (10 May): 707-711.
- Falk, Darrel.** 2009. "Signature in the Cell." *The BioLogos Foundation* posting 28 December (online text at *biologos.org* accessed 1/1/2010).
- . 2010a. "A Rejoinder to Part II of Stephen C. Meyer's Response to Francisco Ayala." *The BioLogos Foundation* posting 11 March (online text at *biologos.org* accessed 10/4/2011).
- . 2010b. "How Should BioLogos Respond to Dr. Albert Mohler's Critique of The BioLogos Initiative?" *The BioLogos Foundation* posting 5 July (online text at *biologos.org* accessed 7/9/2010).
- . 2010c. "'I am the Lord of the Dance,' said He." *The BioLogos Forum* posting 10 August (online text at *biologos.org* accessed 10/29/2010).
- . 2010d. "'I am the Lord of the Dance,' said He, Part 2." *The BioLogos Forum* posting 29 October (online text at *biologos.org* accessed 10/29/2010).
- . 2011. "A Response to Mr. Ham's Video: 'The Anti-biblical Teachings of BioLogos.'" *The BioLogos Foundation* posting 27 September (online text at *biologos.org* accessed 9/29/2011).
- . 2012a. "A BioLogos Response to William Dembski, Part 1." *The BioLogos Foundation* 2 May posting (online text at *biologos.org* accessed 5/10/2012).
- . 2012b. "A BioLogos Response to William Dembski, Part 2." *The BioLogos Foundation* 3 May posting (online text at *biologos.org* accessed 5/10/2012).
- . 2012c. "A BioLogos Response to William Dembski, Part 3." *The BioLogos Foundation* 18 May posting (online text at *biologos.org* accessed 3/3/2015).
- . 2014a. "Thoughts on 'Darwin's Doubt' (Reviewing 'Darwin's Doubt': Darrel Falk, Part 1)." *The BioLogos Foundation* 9 September posting (online text at *biologos.org* accessed 3/5/2015).
- . 2014b. "Further Thoughts on 'Darwin's Doubt' after Reading Bishop's Review (Reviewing 'Darwin's Doubt': Darrel Falk, Part 2)." *The BioLogos Foundation* 11 September posting (online text at *biologos.org* accessed 3/5/2015).
- Falk, Dean.** 1998. "Hominid Brain Evolution: Looks Can Be Deceiving." *Science* **280** (12 June): 1714.
- . 2011. "The Fossil Chronicles: How Two Controversial Discoveries Changed Our View of Human Evolution." *Dean Falk* undated posting (online text at *deanfalk.com* accessed 8/6/2014).
- . 2016. "Evolution of brain and culture: the neurological and cognitive journey from *Australopithecus* to Albert Einstein." Instituto Italiano di Antropologia *Journal of Anthropological Sciences* **91**: 99-111.
- Falk, Dean, Charles Hildebolt, Kirk Smith, M. J. Morwood, Thomas Sutikna, Jatmiko, E. Wayhu Saptomo, & Fred Prior.** 2009. "LB1's virtual endocast, microcephaly, and hominin brain evolution." *Journal of Human Evolution* **57** (November): 597-607.

- Falk, Dean, Christoph P. E. Zollikofer, Naoki Morimoto, & Marcia S. Ponce de León.** 2012. “Metopic suture of Taung (*Australopithecus africanus*) and its implications for hominin brain evolution.” *Proceedings of the National Academy of Sciences* **109** (29 May): 8467-8470.
- Falk, Jay J., Christine E. Parent, Deepa Agashe, & Daniel I. Bolnick.** 2012. “Drift and selection entwined: asymmetric reproductive isolation in an experimental niche shift.” *Evolutionary Ecology Research* **14** (4): 403-423.
- Falk, Raphael.** 2003. “Comments on the papers given by Roger Wood and Staffan Müller-Wille.” *A Cultural History of Heredity II: 18th and 19th Centuries* Conference, 61-65. Berlin: Max Planck Institute for the History of Science (P247.pdf online text at www.mpiwg-berlin.mpg accessed 3/12/2009).
- . 2005. “Mendel’s impact.” *A Cultural History of Heredity III: 19th and Early 20th Centuries* Conference, 9-29. Berlin: Max Planck Institute for the History of Science (P294.pdf online text at www.mpiwg-berlin.mpg accessed 3/12/2009).
- Falkenberg, Liv E., René Westerhausen, Karsten Specht, & Kenneth Hugdahl.** 2012. “Resting-state glutamate level in the anterior cingulate predicts blood-oxygen level-dependent response to cognitive control.” *Proceedings of the National Academy of Sciences* **109** (27 March): 5069-5073.
- Falkowski, Paul G., Miriam E. Katz, Andrew H. Knoll, Antonietta Quigg, John A. Raven, Oscar Schofield, & F. J. R. Taylor.** 2004. “The Evolution of Modern Eukaryotic Phytoplankton.” *Science* **305** (16 July): 354-360.
- Falkowski, Paul G., Miriam E. Katz, Allen J. Milligan, Katja Fennel, Benjamin S. Cramer, Marie Pierre Aubrey, Robert A. Berner, Michael J. Novacek, & Warren M. Zapol.** 2005. “The Rise of Oxygen over the Past 205 Million Years and the Evolution of Large Placental Mammals.” *Science* **309** (30 September): 2202-2204.
- Falkowski, Paul G., & Andrew H. Knoll,** eds. 2007. *Evolution of Aquatic Photoautotrophs*. New York: Elsevier Academic.
- Fall of America.* 2013. “Featured Participants.” *The Fall of America and the Western World* posting (online text at www.thefallofamerica.net accessed 10/1/2013).
- Fallon, James.** 2011. “The Mind of a Dictator.” *The Psychopath Inside* posting 9 June (online text at psychologytoday.com accessed 5/15/2012).
- Fallon, John F., & B. Kay Simandl.** 1978. “Evidence of a role for cell death in the disappearance of the embryonic human tail.” *American Journal of Anatomy* **152** (May): 111-129.
- Fallows, James.** 2011. “The Washington Post Owes the World an Apology for this Item.” *The Atlantic* posting 23 July: online text accessed 8/2/2011 (theatlantic.com).
- Falush, D.** 1999. “Measuring the benefits of sex.” *Journal of Evolutionary Biology* **12** (November): 1026-1028.
- Falush, Daniel, Mia Torpdahl, Xavier Didelot, Donald F. Conrad, Daniel J. Wilson, & Mark Achtman.** 2006. “Mismatch induced speciation in *Salmonella*: model and data.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (November): 2045-2053.
- Falwell, Jerry.** 1983. “One Nation under God on the Rebound.” *Fundamentalist Journal* **2** (July/August): 8-9.
- . 1984. “On God’s Chosen People.” *Fundamentalist Journal* **3** (March): 8-11.
- . 1985. “Why Did We Go to South Africa?” *Fundamentalist Journal* **4** (October) *Special Report* insertion: 1.
- . 1989. “Why You Cannot Live without the Bible.” *Fundamentalist Journal* **8** (February): 10.
- Family Educators Association of East Texas.* 2014. “Convention Schedule.” *Family Educators Association of East Texas* posting (online text at www.homeschool-life.com accessed 6/5/2014).
- Family Life Center International.* 2014. “Intelligent Design.” *Family Life Center International Store* posting (online text at www.familylifecenterstore.net accessed 10/20/2014).

- Family Research Council*. 2012a. “Answering the Southern Poverty Law Center’s Attacks Upon Family Research Council.” *Family Research Council Issue Brief* (online text at *frc.org* accessed 8/21/2012).
- . 2012b. “Governors Jan Brewer (AZ) and Bob McDonnell (VA) confirmed for Summit!” *Family Research Council 25 August email message* (online text via *frc.org* accessed 8/25/2012).
- . 2012c. “2012 Catholic Vice Presidential Voter Guide.” *Family Research Council* posting (online pdf via *downloads.frcaction.org* accessed 10/19/2012).
- . 2014a. “Don’t Miss What These Top Conservative Voices Have to Say in September.” *Family Research Council* “Values Voter Summit” posting (online text via *frc.org* accessed 7/23/2014).
- . 2014b. “Putting the Bible and Prayer Back in the Public Schools.” *Family Research Council Event Registration* posting (online text via *frc.org* accessed 8/12/2014).
- . 2014c. “Mike Huckabee Confirmed for Summit: Reserve Your Room by September 4!” *Family Research Council* “Values Voter Summit” 28 August email (online text via *frc.org* accessed 8/28/2014).
- . 2014d. “Join us for this historic event!” *Family Research Council 28 August email* “Star Spangled Sunday” webcast message (online text via *frc.org* accessed 8/28/2014).
- . 2014e. “Meriam Ibrahim Confirmed for Values Voter Summit Gala.” *Family Research Council* “Values Voter Summit” 8 September email (online text via *frc.org* accessed 9/15/2014).
- . 2014f. “The Duggars and Beck are back at it again.” *Family Research Council* “Values Voter Summit” 18 September email (online text via *frc.org* accessed 9/18/2014).
- . 2015a. “Help Your Church Host Important Film on Religious Freedom.” *Family Research Council 29 January email* (online text via *frc.org* accessed 1/29/2015).
- . 2015b. “Are You Free to Believe?” *Family Research Council 19 June email* (online text via *frc.org* accessed 6/20/2015).
- . 2015c. “Stand where the ark of God was taken.” *Family Research Council 16 July email* (online text via *frc.org* accessed 7/17/2015).
- . 2015d. “Look Who’s Lining Up for Values Voter Summit.” *Family Research Council 18 July email* (online text via *frc.org* accessed 7/18/2015).
- . 2015e. “‘Equality Act’ Endangers the Freedom to Believe.” *Alert: Take Action 31 July email message* (online text via *frc.org* accessed 8/3/2015).
- . 2016a. “Registration for Values Voter Summit 2016 is open!” *Family Research Council 15 March email* (online text via *frc.org* accessed 3/16/2016).
- . 2016b. “2016 Value Voters Presidential Voter Guide.” *Family Research Council* posting (online pdf via *downloads.frcaction.org* accessed 10/31/2016).
- Fan, Chenguang, Shouqiang Cheng, Yu Lin, Cristina M. Escobar, Christopher S. Crowley, Robert E. Jefferson, Todd O. Yeates, & Thomas A. Bobik.** 2010. “Short N-terminal sequences package proteins into bacterial microcompartments.” *Proceedings of the National Academy of Sciences* **107** (20 April): 7509-7514.
- Fan, Chuanzhu, Ying Chen, & Manyuan Long.** 2008. “Recurrent Tandem Gene Duplication Gave Rise to Functionally Divergent Genes in *Drosophila*.” *Molecular Biology and Evolution* **25** (July): 1451-1458.
- Fan, Jin, John Fossella, Tobias Sommer, Yanghong Wu, & Michael I. Posner.** 2003. “Mapping the genetic variation of executive attention onto brain activity.” *Proceedings of the National Academy of Sciences* **100** (10 June): 7406-7411.
- Fan, Lu, David Reynolds, Michael Liu, Manuel Stark, Staffan Kjelleberg, Nicole S. Webster, & Torsten Thomas.** 2012. “Functional equivalence and evolutionary convergence in complex communities of microbial sponge symbionts.” *Proceedings of the National Academy of Sciences* **109** (3 July): E1878-E1887.
- Fan, Yuxin, Elena Linardopoulou, Cynthia Friedman, Eleanor Williams, & Barbara J. Trask.** 2002. “Genomic Structure and Evolution of the Ancestral Chromosome Fusion Site in 2q13-2q14.1 and Paralogous Regions on Other Human Chromosomes.” *Genome*

- Research* **12** (November): 1651-1662.
- Fan, Yuxin, Tera Newman, Elena Linardopoulou, & Barbara J. Trask.** 2002. "Genomic Content and Function of the Ancestral Chromosome Fusion Site in Human Chromosome 2q13-2q14.1 and Paralogous Regions." *Genome Research* **12** (November): 1663-1672.
- Fanelli, Daniele.** 2009. "How Many Scientists Fabricate and Falsify Research? A Systematic Review and Meta-Analysis of Survey Data." *PLoS ONE* (online @ plosone.org) **4** (May): e5738.
- Fanelli, Daniele, Rodrigo Costas, & John P. A. Ioannidis.** 2017. "Meta-assessment of bias in science." *Proceedings of the National Academy of Sciences* **114** (4 April): 3714-3719.
- Fanello, C., V. Petrarca, A. della Torre, F. Santolamazza, G. Dolo, M. Coulibaly, A. Allouche, C. F. Curtis, Y. T. Touré, & M. Coluzzi.** 2003. "The pyrethroid *knock-down resistance* gene in the *Anopheles gambiae* complex in Mali and further indication of incipient speciation within *An. gambiae* s.s." *Insect Molecular Biology* **12** (June): 241-245.
- Fanenbruck, Martin, Steffen Harzsch, & Johann Wolfgang Wägele.** 2004. "The brain of the Remipedia (Crustacea) and an alternative hypothesis on their phylogenetic relationship." *Proceedings of the National Academy of Sciences* **101** (16 March): 3868-3873.
- Fang, Ferric C., R. Grant Steen, & Arturo Casadevall.** 2012. "Misconduct accounts for the majority of retracted scientific publications." *Proceedings of the National Academy of Sciences* **109** (16 October): 17028-17033.
- Fangmeier, Thomas, Markus Knauff, Christian C. Ruff, & Vladimir Sloutsky.** 2006. "fMRI Evidence for a Three-Stage Model of Deductive Reasoning." *Journal of Cognitive Neuroscience* **18** (March): 320-334.
- Fani, Renato.** 2012. "The Origin and Evolution of Metabolic Pathways: Why and How did Primordial Cells Construct Metabolic Routes?" *Evolution: Education & Outreach* **5** (September): 367-381.
- Fankhauser, Christian, & John M. Christie.** 2014. "Plant Phototrophic Growth." *Current Biology* **25** (4 May): R384-R389.
- Fankhauser, Glen, & Kenneth B. Cumming.** 2008. "Snake Hybridization: A Case for Intrabaraminic Diversity," in Snelling (2008b, 117-132).
- Farag, Nadia.** 1972. "The Lewis Affair and the Fortunes of al-Muqtataf." *Middle Eastern Studies* **8** (January): 73-83.
- Farah, Joseph.** 2001. "The Bible and self-defense." *WorldNetDaily* (26 November): online text accessed 9/21/2011 (wnd.com).
- . 2011. "Earthquakes and hurricanes, oh my." *WorldNetDaily* (23 August): online text accessed 8/24/2011 (wnd.com).
- Farah, Martha J., & Cayce J. Hook.** 2017. "Trust and the poverty trap." *Proceedings of the National Academy of Sciences* **114** (23 May): 5327-5329.
- Faramarzi, Scheherezade.** 2010. "Iranian cleric: Promiscuous women cause quakes." *Excite News* posting 19 April (online text at apnews.excite.com accessed 4/20/2010).
- Farber, F. E., M. Cape, M. Decroly, & J. Brachet.** 1968. "The in vitro translation of *Acetabularia mediterranea* RNA." *Proceedings of the National Academy of Sciences* **61** (November): 843-846.
- Farbood, Morwaread M., David J. Heeger, Gary Marcus, Uri Hasson, & Yulia Lerner.** 2015. "The neural processing of hierarchical structure in music and speech at different timescales." *Frontiers in Neuroscience* (online @ frontiersin.org) **9** (12 May): 157.
- Fares, Mario A., & Kenneth H. Wolfe.** 2003. "Positive Selection and Subfunctionalization of Duplicated CCT Chaperonin Subunits." *Molecular Biology and Evolution* **20** (October): 1588-1597.
- Farge, Géraldine, Sylvie Touraille, Samuel Le Goff, Nathalie Petit, Monique Renoux, Frédéric Morel, & Serge Alziari.** 2002. "The nuclear genome is involved in heteroplasmy control in a mitochondrial mutant strain of *Drosophila subobscura*." *European Journal of Biochemistry* **269** (February, No. 3): 998-1005.
- Farias, Miguel, Anna-Kaisa Newheiser, Guy Kahane, & Zoe de Toledo.** 2013. "Scientific faith: belief in science increases in the face of stress and existential anxiety." *Journal of*

- Experimental Social Psychology* **49** (November): 1210-1213.
- Farias, Sávio T. de, Thaís G. do Rêgo, & Marco V. José.** 2014. "Evolution of transfer RNA and the origin of the translation system." *Frontiers in Genetics* (online @ frontiersin.org) **5** (28 August): 303.
- Farias, Sávio Torres de, Carlos Henrique Costa Moreira, & Romeu Cardoso Guimarães.** 2007. "Structure of the genetic code suggested by the hydropathy correlation between anticodons and amino acid residues." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (February): 83-103.
- Farihi, J., B. T. Gänsicke, & D. Koester.** 2013. "Evidence for Water in the Rocky Debris of a Disrupted Extrasolar Minor Planet." *Science* **342** (11 October): 218-220.
- Farkaš, Robert.** 2015. "Apocrine secretion: New insights into an old phenomenon." *Biochimica et Biophysica Acta* (General Subjects) **1850** (September): 1740-1750.
- Farkašová, Helena, Tomáš Hron, Jan Pačes, Pavel Hulva, Petr Benda, Robert James Gifford, & Daniel Elleder.** 2017. "Discovery of an endogenous Deltaretrovirus in the genome of long-fingered bats (Chiroptera: Miniopteridae)." *Proceedings of the National Academy of Sciences* **114** (21 March): 3145-3150.
- Farke, Andrew A., & Justy Alicea.** 2009. "Femoral Strength and Posture in Terrestrial Birds and Non-Avian Theropods." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 242-248.
- Farke, Andrew A., W. Desmond Maxwell, Richard L. Cifelli, & Mathew J. Wedel.** 2014. "A Ceratopsian Dinosaur from the Lower Cretaceous of Western North America, and the Biogeography of Neoceratopsia." *PLoS ONE* (online @ plosone.org) **9** (December): e112055.
- Farke, Andrew A., Michael J. Ryan, Paul M. Barrett, Darren H. Tanke, Dennis R. Braman, Mark A. Loewen, & Mark R. Graham.** 2011. "A new centrosaurine from the Late Cretaceous of Alberta, Canada, and the evolution of parietal ornamentation in horned dinosaurs." *Acta Palaeontologica Polonica* **56** (4): 691-702.
- Farley, Emma K., Katrina M. Olson, Wei Zhang, Daniel S. Rokhsar, & Michael S. Levine.** 2016. "Syntax compensates for poor binding sites to encode tissue specificity of developmental enhancers." *Proceedings of the National Academy of Sciences* **113** (7 June): 6508-6513.
- Farley, K. A., C. Malespin, P. Mahaffy, J. P. Grotzinger, P. M. Vasconcelos, R. E. Milliken, M. Malin, K. S. Edgett, A. A. Pavlov, J. A. Hurowitz, J. A. Grant, H. B. Miller, R. Arvidson, L. Beegle, F. Calef, P. G. Conrad, W. E. Dietrich, J. Eigenbrode, R. Gellert, S. Gupta, V. Hamilton, D. M. Hassler, K. W. Lewis, S. M. McLennan, D. Ming, R. Navarro-González, S. P. Schwenzer, A. Steele, E. M. Stolper, D. Y. Sumner, D. Vaniman, A. Vasavada, K. Williford, R. F. Wimmer-Schweingruber, & the MSL Science Team.** 2014. "In Situ Radiometric and Exposure Age Dating of the Martian Surface." *Science* **343** (24 January): 1247166 (online at sciencemag.org).
- Farley, John.** 1974. "The Initial Reactions of French Biologists to Darwin's *Origin of Species*." *Journal of the History of Biology* **7** (Autumn): 275-300.
- . 1986. "Philosophical and Historical Aspects of the Origin of Life." *Treballs de la Societat Catalana de Biologia* (Spain) **39**: 37-47.
- Farley, Patrick.** 2012. "Apocamon." *Electric Sheep Comix* posting (online text at www.electricsheepcomix.com/apocamon/ accessed 5/13/2012).
- Farley, Robert.** 2012. "Facts Falling Off the Fiscal Cliff." *FactCheck* 30 November revised posting (online text at factcheck.org accessed 12/3/2012).
- Farlow, James O., & Thomas R. Holtz Jr.** 2002. "The Fossil Record of Predation in Dinosaurs." *Paleontological Society Papers* **8**: 251-265.
- Farmelo, Graham,** ed. 2002. *It Must be Beautiful: Great Equations of Modern Science*. London: Granta Books.
- Farmer, C. Neal, Ronald L. Kathren, & Craig Christensen.** 2008. "Radioactivity in fossils at the Hagerman Fossil Beds National Monument." *Journal of Environmental Radioactivity* **99** (August): 1355-1359.

- Farmer, Colleen G.** 1999. "Evolution of the Vertebrate Cardio-Pulmonary System." *Annual Review of Physiology* **61**: 573-592.
- . 2001. "A new perspective on the origin of endothermy," in Gauthier & Gall (2001, 389-409).
- . 2015. "Similarity of Crocodylian and Avian Lungs Indicates Unidirectional Flow Is Ancestral for Archosaurs." *Integrative and Comparative Biology* (AKA *American Zoologist*) **55** (December): 962-971.
- . 2016. "A lizard that generates heat." *Nature* **529** (28 January): 470-472.
- Farmer, C. G., & Kent Sanders.** 2010. "Unidirectional Airflow in the Lungs of Alligators." *Science* **327** (15 January): 338-340.
- Farmer, C. G., T. J. Uriona, D. B. Olsen, M. Steenblik, & K. Sanders.** 2008. "The Right-to-Left Shunt of Crocodylians Serves Digestion." *Physiological and Biochemical Zoology* **81** (March/April): 125-137.
- Farmer, Mark A., & Andrea Habura.** 2010. "Using Protistan Examples to Dispel the Myths of Intelligent Design." *The Journal of Eukaryotic Microbiology* **57** (January/February): 3-10.
- Farmer, William R.** 2000. "Robert Funk & the Jesus Seminar." *Crisis* **18** (March): 20-25.
- Farnas, C. C.** 1936. *The Next Hundred Years: The Unfinished Business of Science*. New York: Reynal & Hitchcock.
- Farooq, Umar, & R. C. Mahajan.** 2004. "Drug resistance in malaria." *Journal of Vector Borne Diseases* **41** (September-December): 45-53.
- Farquhar, James, Marc Peters, David T. Johnston, Harald Strauss, Andrew Masterson, Uwe Wiechert, & Alan J. Kaufman.** 2007. "Isotopic evidence for Mesoarchaeon anoxia and changing atmospheric sulphur chemistry." *Nature* **449** (11 October): 706-709.
- Farquhar, J., B. A. Wing, K. D. McKeegan, J. W. Harris, P. Cartigny, & M. H. Thiemens.** 2002. "Mass-Independent Sulfur of Inclusions in Diamond and Sulfur Recycling on Early Earth." *Science* **298** (20 December): 2369-2372.
- Farr, A. D.** 1980. "Early opposition to obstetric anaesthesia." *Anaesthesia* **35** (September): 896-907.
- . 1983. "Religious opposition to obstetric anaesthesia: A Myth?" *Annals of Science* **40** (March): 159-177.
- Farrand, William R.** 1961. "Frozen Mammoths and Modern Geology." *Science* **133** (17 March): 729-735.
- Farré, M., Diego Micheletti, & Aurora Ruiz-Herrera.** 2013. "Recombination Rates and Genomic Shuffling in Human and Chimpanzee—A New Twist in the Chromosomal Speciation Theory." *Molecular Biology and Evolution* **30** (April): 853-864.
- Farré, Marta, M. Ponsà, & M. Bosch.** 2009. "Interstitial Telomeric Sequences (ITSs) Are Not Located at the Exact Evolutionary Breakpoints in Primates." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **124** (May): 128-131.
- Farrell, Brian D.** 1998. "'Inordinate Fondness' Explained: Why Are There So Many Beetles?" *Science* **281** (24 July): 555-559.
- Farrell, John.** 2000. "Did Einstein cheat?" *Salon.com* 6 July (online text at *salon.com* accessed 4/16/2016).
- . 2010. "Creationism lives on in US public schools." *New Scientist* (20 October): online text accessed 10/22/2010 (*newscientist.com*).
- . 2011a. "Failing the Science Test." *Forbes Progressive Download* posting 31 March (online text at *blogs.forbes.com/johnfarrell* accessed 6/1/2011).
- . 2011b. "The Myth ... of the Myth of Junk DNA." *Forbes* posting 20 May (online text at *www.forbes.com* accessed 3/16/2012).
- . 2011c. "Intelligent Design: Struggling with Junk DNA." *Huffington Post* posting 23 September (online text at *huffingtonpost.com* accessed 3/16/2012).
- . 2011d. "More Political Attacks on Science Education Planned for 2012." *Forbes* posting 22 December (online text at *www.forbes.com* accessed 12/29/2011).
- . 2013. "How Nature Works." *National Review* (2 September): online text accessed 9/17/2013 (*www.nationalreview.com*).

- . 2014. “The Key To Evolution: Multiple Mutational Pathways In Sequence.” *Forbes* posting 21 December (online text at www.forbes.com accessed 12/23/2014).
- . 2017. “It’s Time To Add The Human Element To ‘The Great Unknown’.” *Forbes* posting 14 May (online text at www.forbes.com accessed 6/5/2017).
- Farrell, Joseph P.** 2003. “Giza Death Star Deployed: The Physics and Engineering of the Great Pyramid.” *Project Avalon* posting (online pdf at projectavalon.net accessed 10/25/2014).
- Farrell, Justin.** 2016. “Corporate funding and ideological polarization about climate change.” *Proceedings of the National Academy of Sciences* **113** (5 January): 92-97.
- Farrell, Steve.** 2012. “Thomas Jefferson on ‘the Precepts of Jesus’.” *The Moral Liberal* 8 August “Liberty Letters” project posting (online text at www.themoralliberal.com accessed 8/6/2012).
- Farren, Jamie.** 2013. “Freethought Oasis.” *Facebook* page 25 December posting (online text at www.facebook.com/ accessed 2/13/2014).
- Farrimond, Stuart.** 2012. “Are Bible-bashers scientifically stupid?” *Doctor Stu’s Blog* 4 January posting (online text at realdoctorstu.com accessed 4/29/2012).
- Farris, Hamilton.** 2017. “Perception drives the evolution of observable traits.” *Science* **355** (6 January): 25-26.
- Farris, Mike.** 2002. “PHC says ‘No’ to Exclusively Teaching Evolution.” *Home School Legal Defense Association* 26 July posting (online text at www.hsllda.org accessed 2/11/2011).
- . 2005. “Interview with Nancy Pearcey.” *Home School Legal Defense Association* summary of radio interviews 16-20 May posting (online text at www.hsllda.org accessed 2/11/2011).
- . 2006. “Has America Abandoned Parental Rights?” *The Home School Report* July/August article (online text at www.hsllda.org accessed 2/11/2011).
- . 2010. “The Third Wave of homeschool persecution.” *The Home School Report* November/December article (online text at www.hsllda.org accessed 2/11/2011).
- Farsaii, Mahnoosh, & Victoria P. Connaughton.** 2011. “All Amacrine Cells.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, July updated posting (online text at webvision.med.utah.edu accessed 2/13/2017).
- Faruqi, Saadia.** 2014. “Muslim Women’s Dress: the New Sensationalism.” *Religion Dispatches* 21 January posting (online text at religiondispatches.org accessed 2/1/2014).
- Farwell, Scott.** 2014. “Dallas researchers out to scientifically prove biblical version of creation.” *Dallas Morning News Dallas News* posting 14 August: online text accessed 8/14/2014 (www.dallasnews.com).
- Fasching, Liana, Adamandia Kapopoulou, Rohit Sachdeva, Rebecca Petri, Marle E. Jönsson, Christian Männe, Priscilla Turell, Patric Jern, Florence Cammas, Didier Trono, & Johan Jakobsson.** 2015. “TRIM28 Represses Transcription of Endogenous Retroviruses in Neural Progenitor Cells.” *Cell Reports* **10** (6 January): 20-28.
- Fassett, James E., Larry M. Heaman, & Antonio Simonetti.** 2011. “Direct U-Pb dating of Cretaceous and Paleocene dinosaur bones, San Juan Basin, New Mexico.” *Geology* **39** (February): 159-162.
- Fassoulas, C., K. Paragamian, & G. Iliopoulos.** 2007. “Identification and Assessment of Cretan Geotypes.” *Bulletin of the Geological Society of Greece* **40**: 1780-1795.
- Fast, Naomi M., Jessica C. Kissinger, David S. Roos, & Patrick J. Keeling.** 2001. “Nuclear-Encoded, Plastid-Targeted Genes Suggest a Single Common Origin for Apicomplexan and Dinoflagellate Plastids.” *Molecular Biology and Evolution* **18** (March): 418-426.
- Fastnacht, Michael.** 2005. “The first dsungaripterid pterosaur from the Kimmeridgian of Germany and the biomechanics of pterosaur long bones.” *Acta Palaeontologica Polonica* **50** (2): 273-288.
- Fastovsky, David E.** 1987. “Paleoenvironments of Vertebrate-Bearing Strata During the Cretaceous-Paleogene Transition, Eastern Montana and Western North Dakota.” *Palaios* **2** (June): 282-295.
- Fastovsky, David E., & Robert H. Dott Jr.** 1986. “Sedimentology, stratigraphy, and extinctions

- during the Cretaceous-Paleogene transition at Bug Creek, Montana.” *Geology* **14** (April): 279-282.
- Fastovsky, David E., & David B. Weishampel.** 1996. *The Evolution and Extinction of the Dinosaurs*. Cambridge: Cambridge University Press.
- Fastovsky, D. E., D. B. Weishampel, M. Watabe, R. Barsbold, K. H. Tsogbaatar, & P. Narmandakh.** 2011. “A Nest of Protoceratops andrewsi (Dinosauria, Ornithischia).” *Journal of Paleontology* **85** (November): 1035-1041.
- Fatka, Oldřich, Petr Kraft, & Michal Szabad.** 2011. “Shallow-water occurrence of *Wiwaxia* in the middle Cambrian of the Barrandian area, Czech Republic.” *Acta Palaeontologica Polonica* **56** (4): 871-875.
- Fauconnier, Gilles, & Mark Tumer.** 2008. “The origin of language as a product of the evolution of double-scope blending.” *Behavioral and Brain Sciences* **31** (5): 520-521.
- Faulkner, Danny.** 2001a. “The Young Faint Sun Paradox and the Age of the Solar System.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **15** (2): 3-4.
- . 2001b. “Geocentric gobbledegook: A review of *The Earth is not Moving* by Marshall Hall, Fair Foundation, Cornelia, Georgia, 1991.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **15** (2): 36-37.
- . 2001c. “Geocentrism and Creation.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **15** (2): 110-121.
- . 2010. “The Gospel Message—Written in the Stars?” *Answers in Genesis* article for 13 December (online text at www.answersingenesis.org accessed 6/52/2014).
- . 2011a. “Blue Stars—Unexpected Brilliance.” *Answers in Genesis Answers Magazine* (January-March): 50-53.
- . 2011b. “Galaxies—Unexplained Spirals.” *Answers in Genesis Answers Magazine* (January-March): 54-56.
- . 2013a. “A Further Examination of the Gospel in the Stars.” *Answers in Genesis Answers Research Journal* **6**: 35-62.
- . 2013b. “What About Cosmology?” *Answers in Genesis* 20 June 2014 posting of *The New Answers Book 3* Chapter 21 (online text at www.answersingenesis.org accessed 2/17/2015).
- . 2014a. “Comments on the Cosmic Microwave Background.” *Answers in Genesis Answers Research Journal* **7**: 83-90.
- . 2014b. “A Discussion of Stellar Nucleosynthesis.” *Answers in Genesis Answers Research Journal* **7**: 147-159.
- . 2015a. “How Long Did the Flood Last?” *Answers in Genesis Answers Research Journal* **8**: 253-259.
- . 2015b. “Quantum Fluctuations May Kill Big Bang Evangelism.” *Answers in Genesis* article for 12 February (online text at www.answersingenesis.org accessed 7/1/2016).
- . 2015c. “Study Says Universe Had No Beginning and No Big Bang?” *Answers in Genesis* article for 19 February (online text at www.answersingenesis.org accessed 7/1/2016).
- . 2015d. “How Will You Use Your Extra Second at the End of This Month?” *Answers in Genesis* article for 23 June (online text at www.answersingenesis.org accessed 7/13/2015).
- . 2016a. “Thoughts on the *rāqīa’* and a Possible Explanation for the Cosmic Microwave Background.” *Answers in Genesis Answers Research Journal* **9**: 57-65.
- . 2016b. “Comments on Ussher’s Date of Creation.” *Answers in Genesis Answers Research Journal* **9**: 163-169.
- . 2016c. “Is the Earth Flat?” *Answers in Genesis* article for 24 May (online text at www.answersingenesis.org accessed 6/15/2017).
- . 2016d. “Is the Sun Shrinking?” *Answers in Genesis* article for 6 June (online text at www.answersingenesis.org accessed 6/6/2016).
- . 2016e. “A Flat-Earth Prediction Falls Flat.” *Answers in Genesis* article for 23 December (online text at www.answersingenesis.org accessed 7/1/2017).
- . 2017. “Flat Earth Proof—Just a Mirage.” *Answers in Genesis* article for 16 January

- (online text at www.answersingenesis.org accessed 1/16/2017).
- Faulkner, Danny R., & Don B. DeYoung.** 1991. "Toward A Creationist Astronomy." *Creation Research Society Quarterly* **28** (December): 87-91.
- Fauquet, C. M., & D. Fargette.** 2005. "International Committee on Taxonomy of Viruses and the 3,142 unassigned species." *Virology Journal* (online @ virologyj.com) **2** (August): 64.
- Fausett, Blake V., & Daniel Goldman.** 2006. "A Role for $\alpha 1$ Tubulin-Expressing Müller Glia in Regeneration of the Injured Zebrafish Retina." *The Journal of Neuroscience* **26** (7 June): 6303-6313.
- Faust, Avraham.** 2015. "The Emergence of Iron Age Israel: On Origins and Habitus," in Levy *et al.* (2015a, 467-482).
- Faust, Jeremy Samuel.** 2017. "The Problem With the March for Science." *Slate.com* posting 24 April (online text at www.slate.com accessed 5/7/2017).
- Faux, Cynthia Marshall, & Kevin Padian.** 2007. "The opisthotonic posture of vertebrate skeletons: postmortem contraction or death throes?" *Paleobiology* **33** (March): 201-226.
- Fawcett, Bill,** ed. 2007. *You Said What? Lies and Propaganda Throughout History*. New York: HarperCollins Publishers.
- Fawcett, Jeffrey A., Steven Maere, & Yves Van de Peer.** 2009. "Plants with double genomes might have had a better chance to survive the Cretaceous-Tertiary extinction event." *Proceedings of the National Academy of Sciences* **106** (7 April): 5737-5742.
- Fawcett, Peter J., Josef P. Werne, R. Scott Anderson, Jeffrey M. Heikoop, Erik T. Brown, Melissa A. Berke, Susan J. Smith, Fraser Goff, Linda Donohoo-Hurley, Luz M. Cisneros-Dozel, Stefan Schouten, Jaap S. Sinninghe Damsté, Yongsong Huang, Jaime Toney, Julianna Fessenden, Giday WoldeGabriel, Viorel Atudorei, John W. Geissman, & Craig D. Allen.** 2011. "Extended megadroughts in the southwestern United States during Pleistocene interglacials." *Nature* **470** (24 February): 518-521.
- Fawcett, Robert.** 2007. "Has the world cooled since 1998?" *Bulletin of the Australian Meteorological and Oceanographic Society* **20** (December): 141-148.
- Fawcett, Robert, & David Jones.** 2008. "Waiting for Global Cooling." *Australian Science Media Centre* posting April (online text at www.aussmc.org accessed 6/25/2011).
- Fawcett, Tim W., & Andrew D. Higginson.** 2012a. "Heavy use of equations impedes communication among biologists." *Proceedings of the National Academy of Sciences* **109** (17 July): 11735-11739.
- . 2012b. "Reply to Chitnis and Smith, Fernandes, Gibbons, and Kane: Communicating theory effectively requires more explanation, not fewer equations." *Proceedings of the National Academy of Sciences* **109** (6 November): E3058-E3059.
- Fawcett, Tim W., Bram Kuijper, Franz J. Weissing, & Ido Pen.** 2011. "Sex-ratio control erodes sexual selection, revealing evolutionary feedback from adaptive plasticity." *Proceedings of the National Academy of Sciences* **108** (20 September): 15925-15930.
- Fay, Justin C., Gerald J. Wyckoff, & Chung-I Wu.** 2001. "Positive and Negative Selection on the Human Genome." *Genetics* **158** (July): 1227-1234.
- FBI.** 2010. "Hate Crime Statistics 2010." *Federal Bureau of Investigation Uniform Crime Reports* posting (online text at www.fbi.gov accessed 8/20/2012).
- FDOCC.** 2005. "Biological Function and the Genetic Code are Interdependent." *Research on Intelligent Design* 13 October posting (online text at fdocc.blogspot.com accessed 2/24/2017).
- Fea, John.** 2011a. "Blogging David Barton's Appearance on Jon Stewart: Part 1." *The Way of Improvement Leads Home* posting 6 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011b. "Blogging David Barton's Appearance on Jon Stewart: Part 2." *The Way of Improvement Leads Home* posting 6 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011c. "Blogging David Barton's Appearance on Jon Stewart: Part 3." *The Way of Improvement Leads Home* posting 7 May (online text at www.philipvickersfithian.com accessed 10/27/2011).

- . 2011d. “Blogging David Barton’s Appearance on Jon Stewart: Part 4.” *The Way of Improvement Leads Home* posting 8 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011e. “Blogging David Barton’s Appearance on Jon Stewart: Part 5.” *The Way of Improvement Leads Home* posting 9 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011f. “Blogging David Barton’s Appearance on Jon Stewart: Part 6.” *The Way of Improvement Leads Home* posting 10 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011g. “Should Christians Trust David Barton?” *Patheos* posting 10 May (online text at www.patheos.com accessed 10/22/2011).
- . 2011h. “Blogging David Barton’s Appearance on Jon Stewart: Part 7.” *The Way of Improvement Leads Home* posting 11 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011i. “Blogging David Barton’s Appearance on Jon Stewart: Part 9.” *The Way of Improvement Leads Home* posting 14 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2011j. “Richard Beeman on the Daily Show with Stewart.” *The Way of Improvement Leads Home* posting 20 May (online text at www.philipvickersfithian.com accessed 10/27/2011).
- . 2016. “Why the Founding Fathers wanted to keep ministers from public office.” *Religion News Service* 15 August posting (online text at www.religionnews.com accessed 9/9/2016).
- Feakes, John.** 2016. “Evidence of Dinosaurs and Man Together in South Carolina.” *C.A.R.E. Ministries of Winnipeg* undated posting (online text at www.carewinnipeg.com accessed 2/25/2016).
- Featherstone, David E., & Kendal Broadie.** 2002. “Wrestling with pleiotropy: genomic and topological analysis of the yeast gene expression network.” *BioEssays* **24** (March): 267-274.
- Fedak, Tim J., Hans-Dieter Sues, & Paul E. Olsen.** 2015. “First record of the tritylodontid cynodont *Oligokyphus* and cynodont postcranial bones from the McCoy Brook Formation of Nova Scotia, Canada.” *Canadian Journal of Earth Sciences* **52** (April): 244-249.
- Fedele, Francesco, Biagio Giaccio, & Irka Hajdas.** 2008. “Timescales and cultural processes at 40,000 BP in the light of the Campanian Ignimbrite eruption, Western Eurasia.” *Journal of Human Evolution* **55** (November): 834-857.
- Feder, J. Lester.** 2016. “This Is How Steve Bannon Sees The Entire World.” *BuzzFeed News* 15 November posting (online text at www.buzzfeed.com accessed 1/30/2017).
- Feder, Jeffrey L., Stewart H. Berlocher, Joseph B. Roethele, Hattie Dambroski, James J. Smith, William L. Perry, Vesna Gavrilovic, Kenneth E. Filchak, Juan Rull, & Martin Aluja.** 2003. “Allopatric genetic origins for sympatric host-plant shifts and race formation in *Rhagoletis*.” *Proceedings of the National Academy of Sciences* **100** (2 September): 10314-10319.
- Feder, Jeffrey L., Richard Gejji, Sam Yeaman, & Patrik Nosil.** 2012. “Establishment of new mutations under divergence and genome hitchhiking.” *Proceedings of the Royal Society of London B* (Biological Sciences) **367** (5 February): 461-474.
- Feder, Jeffrey L., Xianfa Xie, Juan Rull, Sebastian Velez, Andrew Forbes, Brian Leung, Hattie Dambroski, Kenneth E. Filchak, & Martin Aluja.** 2005. “Mayr, Dobzhansky, and Bush and the complexities of sympatric speciation in *Rhagoletis*.” *Proceedings of the National Academy of Sciences* **102** (3 May): 6573-6580.
- Feder, Kenneth L.** 2015. Review of *Fingerprints of the Gods*. *American Antiquity* **80** (July): 617-618.
- Feder, Martin E.** 2007. “Evolvability of physiological and biochemical traits: evolutionary mechanisms including and beyond single-nucleotide mutation.” *The Journal of Experimental Biology* **210** (1 May): 1653-1660.
- Federer, William J.** 1999. *America’s God and Country: Encyclopedia of Quotations*. St. Louis,

- MO: Amerisearch, Inc.
- Fedick, Scott L.** 2010. “The Maya Forest: Destroyed or cultivated by the ancient Maya?” *Proceedings of the National Academy of Sciences* **107** (19 January): 953-954.
- Fediuk, Ferry, & Hassan Al Fugha.** 1999. “Dead Sea Region: Fault-Controlled Chemistry of Cenozoic.” *GeoLines* (Prague) **9**: 29-34.
- Fedo, Christopher M., & Martin J. Whitehouse.** 2002. “Metasomatic Origin of Quartz-Pyroxene Rock, Akilia, Greenland, and Implications for Earth’s Earliest Life.” *Science* **296** (24 May): 1448-1452.
- Fedo, Christopher M., Martin J. Whitehouse, & Balz S. Kamber.** 2006. “Geological constraints on detecting the earliest life on Earth: a perspective from the Early Archaean (older than 3.7?Gyr) of southwest Greenland.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 851-867.
- Fedonkin, M. A., & A. Y. Ivantsov.** 2007. “*Ventogyrus*, a possible siphonophore-like trilobozoan coelenterate from the Vendian Sequence (late Neoproterozoic), northern Russia.” *Geological Society, London, Special Publications* **286**: 187-194.
- Fedonkin, M. A., A. Simonetta, & A. Y. Ivantsov.** 2007. “New data on *Kimberella*, the Vendian mollusc-like organism (White Sea region, Russia): palaeoecological and evolutionary implications.” *Geological Society, London, Special Publications* **286**: 157-179.
- Fedonkin, M. A., P. Vickers-Rich, B. J. Swalla, P. Trusler, & M. Hall.** 2012. “A New Metazoan from the Vendian of the White Sea, Russia, with Possible Affinities to the Ascidians.” *Paleontological Journal* **46** (January): 1-11.
- Fedonkin, Mikhail A., & Benjamin M. Waggoner.** 1997. “The Late Precambrian fossil *Kimberella* is a mollusc-like bilaterian organism.” *Nature* **388** (28 August): 868-871.
- Fedorenko, Evelina, Michael K. Behr, & Nancy Kanwisher.** 2011. “Functional specificity for high-level linguistic processing in the human brain.” *Proceedings of the National Academy of Sciences* **108** (27 September): 16428-16433.
- Fedorenko, Evelina, John Duncan, & Nancy Kanwisher.** 2013. “Broad domain generality in focal regions of frontal and parietal cortex.” *Proceedings of the National Academy of Sciences* **110** (8 October): 16616-16621.
- Fedorenko, Evelina, Terri L. Scott, Peter Brunner, William G. Coon, Brianna Pritchett, Gerwin Schalk, & Nancy Kanwisher.** 2016. “Neural correlate of the construction of sentence meaning.” *Proceedings of the National Academy of Sciences* **113** (11 October): E6256-E6262.
- Fedoroff, Nina V.** 2000. “Transposons and genome evolution in plants.” *Proceedings of the National Academy of Sciences* **97** (20 June): 7002-7007.
- . 2012a. “Transposable Elements, Epigenetics, and Genome Evolution.” *Science* **338** (9 November): 758-767.
- . 2012b. “McClintock’s challenge in the 21st century.” *Proceedings of the National Academy of Sciences* **109** (11 December): 20200-20203.
- Fedoroff, Nina, & Walter Fontana.** 2002. “Small Numbers of Big Molecules.” *Science* **297** (16 August): 1129-1131.
- Fedorov, Alexei, Xiaohong Cao, Serge Saxonov, Sandro J. de Souza, Scott W. Roy, & Walter Gilbert.** 2001. “Intron distribution difference for 276 ancient and 131 modern genes suggests the existence of ancient introns.” *Proceedings of the National Academy of Sciences* **98** (6 November): 13177-13182.
- Fedorov, Alexei, Amir Feisal Merican, & Walter Gilbert.** 2002. “Large-scale comparison of intron positions among animal, plant, and fungal genes.” *Proceedings of the National Academy of Sciences* **99** (10 December): 16128-16133.
- Fedorov, Alexei, Scott Roy, Xiaohong Cao, & Walter Gilbert.** 2003. “Phylogenetically Older Introns Strongly Correlate With Module Boundaries in Ancient Proteins.” *Genome Research* **13** (June 6a): 1155-1157.
- Fedorov, Alexei, Serge Saxonov, & Walter Gilbert.** 2002. “Regularities of context-dependent codon bias in eukaryotic genes.” *Nucleic Acids Research* **30** (1 March): 1192-1197.

- Fedorov, Petr V., & Victoria B. Ershova.** 2004. "Phosphatized burrows from the basal layer of the 'Glaucouite Sandstone' (Billingen Regional Stage) at the Tosna River," in Hints & Ainsaar (2004, 33.
- Fedosov, Dmitry A., Bruce Caswell, & George Em Karniadakis.** 2010. "A Multiscale Red Blood Cell Model with Accurate Mechanics, Rheology, and Dynamics." *Biophysical Journal* **98** (19 May): 2215-2225.
- Feduccia, Alan.** 1985. "On why the dinosaurs lacked feathers," in Hecht *et al.* (1985, 75-79).
- . 1993a. "Aerodynamic Model for the Early Evolution of Feathers Provided by *Propithecus* (Primates, Lemuridae)." *Journal of Theoretical Biology* **160** (21 January): 159-164.
- . 1993b. "Evidence from Claw Geometry Indicating Arboreal Habits of *Archaeopteryx*." *Science* **259** (5 February): 790-793.
- . 1995. "Explosive Evolution in Tertiary Birds and Mammals." *Science* **267** (3 February): 637-638.
- . 1999a. "1,2,3 = 2,3,4: Accommodating the cladogram." *Proceedings of the National Academy of Sciences* **96** (27 April): 4740-4742.
- . 1999b. *The Origin and Evolution of Birds*. 2nd ed. New Haven, CT: Yale University Press.
- . 2001. "Fossils and avian evolution." *Nature* **414** (29 November): 507-508.
- . 2002. "Birds are Dinosaurs: Simple Answer to a Complex Problem." *The Auk* **119** (October): 1187-1201.
- . 2003a. "Bird origins: problem solved, but the debate continues..." *Trends in Ecology & Evolution* **18** (January): 9-10.
- . 2003b. "'Big bang' for tertiary birds?" *Trends in Ecology & Evolution* **18** (April): 172-176.
- . 2006. "Mesozoic aviary takes form." *Proceedings of the National Academy of Sciences* **103** (3 January): 5-6.
- . 2009. "A colorful mesozoic menagerie." *Trends in Ecology & Evolution* **24** (August): 415-416.
- . 2011. "Cretaceous avian crops reveal dietary secrets and pose evolutionary questions." *Proceedings of the National Academy of Sciences* **108** (4 October): 16487-16488.
- . 2012. *Riddle of the Feathered Dragons: Hidden Birds of China*. New Haven, CT: Yale University Press.
- . 2013. "Bird Origins Anew." *The Auk* **130** (January): 1-12.
- . 2014. "Avian extinction at the end of the Cretaceous: Assessing the magnitude and subsequent explosive radiation." *Cretaceous Research* **50** (July): 1-15.
- Feduccia, A., T. Lingham-Soliar, & J. R. Hinchcliffe.** 2005. "Do feathered dinosaurs exist? Testing the hypothesis on neontological and paleontological evidence." *Journal of Morphology* **266** (November): 125-166.
- Feduccia, Alan, Larry D. Martin, & Sam Tarsitano.** 2007a. "Archaeopteryx 2007: *Quo vadis?*" *The Auk* **124** (July): 577-588.
- . 2007b. "Response to Mayr and Peters." *The Auk* **124** (October): 1452.
- Fedzechkina, Maryia, T. Florian Jaeger, & Elissa L. Newport.** 2012. "Language learners restructure their input to facilitate efficient communication." *Proceedings of the National Academy of Sciences* **109** (30 October): 17897-17902.
- Feenders, Gesa, Miriam Liedvogel, Miriam Rivas, Manuela Zapka, Haruhito Horita, Erina Hara, Kazuhiro Wade, Henrik Mouritsen, & Erich D. Jarvis.** 2008. "The Emergence of Predators in Early Life: There was No Garden of Eden." *PLoS ONE* (online @ plosone.org) **4** (June): e5507.
- Feeney, W. E. I. Medina, M. Somveille, R. Heinsohn, M. L. Hall, R. A. Mulder, J. A. Stein, R. M. Kilner, & N. E. Langmore.** 2013. "Brood Parasitism and the Evolution of Cooperative Breeding in Birds." *Science* **342** (20 December): 1506-1508.
- Fehr, Ernst, & Simon Gächter.** 2002. "Altruistic punishment in humans." *Nature* **415** (10 January): 137-140.

- Fehring, R. J., J. F. Miller, & C. Shaw.** 1997. "Spiritual well-being, religiosity, hope, depression, and other mood states in elderly people coping with cancer." *Oncology Nursing Forum* **24** (May): 663-671.
- Fehrman, Craig.** 2012. "Jefferson Bible offers a case study in how politics and Christianity mix it up in America." *Juneau Empire* posting of 16 January *Los Angeles Times* article (online text at *juneauempire.com* accessed 8/23/2013).
- Feibel, Craig S.** 2011. "Shades of the savannah." *Nature* **476** (4 August): 39-40.
- Feierman, Jay R.,** ed. 2009. *The Biology of Religious Behavior: The Evolutionary Origins of Faith and Religion*. Santa Barbara, CA: Praeger (ABC-CLIO).
- Feige, Matthias J., Melissa A. Gräwert, Moritz Marcinowski, Janosch Hennig, Julia Behnke, David Ausländer, Eva M. Herold, Jirka Peschek, Caitlin D. Castro, Martin Flajnik, Linda M. Hendershot, Michael Sattler, Michael Groll, & Johannes Buchner.** 2014. "The structural analysis of shark IgNAR antibodies reveals evolutionary principles of immunoglobulins." *Proceedings of the National Academy of Sciences* **111** (3 June): 8155-8160.
- Feild, Taylor S., Timothy J. Brodribb, Ari Iglesias, David S. Chatelet, Andreas Baresch, Garland R. Upchurch Jr., Bernard Gomez, Barbara A. R. Mohr, Clement Coiffard, Jiri Kvacek, & Carlos Jaramillo.** 2011. "Fossil evidence for Cretaceous escalation in angiosperm leaf vein evolution." *Proceedings of the National Academy of Sciences* **108** (17 May): 8363-8366.
- Feild, Taylor S., Garland R. Upchurch Jr., David S. Chatelet, Timothy J. Brodribb, Kunsiri C. Grubbs, Marie-Stéphanie Samain, & Stefan Wanke.** 2011. "Fossil evidence for low gas exchange capacities for Early Cretaceous angiosperm leaves." *Paleobiology* **37** (March): 195-213.
- Feinberg, Andrew P., Rolf Ohlsson, & Steven Henikoff.** 2006. "The epigenetic progenitor origin of human cancer." *Nature Reviews Genetics* **7** (January): 21-33.
- Feinberg, Ashley.** 2016. "Meet the Science- and Muslim-Hating Conspiracy Theorist Running for the Texas Board of Education." *Gawker* 11 February posting (online text at *gawker.com* accessed 3/2/2016).
- Feinberg, Charles Lee.** 1983. "The Literal Second Coming of Christ." *Fundamentalist Journal* **2** (June): 24-26.
- Feinberg, John S.** 1982. "Why Christians Should Support Israel." *Fundamentalist Journal* **1** (September): 10-17.
- Feinberg, Joshua M., Paul R. Renne, Joaquin Arroyo-Cabrales, Michael R. Waters, Patricia Ochoa-Castillo, & Mario Perez-Campa.** 2009. "Age constraints on alleged 'footprints' preserved in the Xalnene Tuff near Puebla, Mexico." *Geology* **37** (March): 267-270.
- Feinberg, Matthew, & Robb Willer.** 2011. "Apocalypse Soon? Dire Messages Reduce Belief in Global Warming by Contradicting Just-World Beliefs." *Psychological Science* **22** (January): 34-38.
- Feinberg, Paul D.** 1985. "Homosexuality and the Bible." *Fundamentalist Journal* **4** (March): 17-19.
- Feinberg, Todd E.** 2007. "The 'hard problem' of anosognosia: Delusional confabulation and anosognosia." *Cortex* **43** (8): 1099-1101.
- Feiner, Nathalie, Axel Meyer, & Shigehiro Kuraku.** 2014. "Evolution of the Vertebrate Pax4/6 Class of Genes with Focus on Its Novel Member, the Pax10 Gene." *Genome Biology and Evolution* **6** (July): 1635-1651.
- Feist, Gregory J.** 2006. *The Psychology of Science and the Origins of the Scientific Mind*. New Haven, CT: Yale University Press.
- Feist, Raimund, & Rudy Lerosey-Aubril.** 2008. "ASSESSING THE HYPOTHESIS OF A THIRD TAGMA IN SCUTELLUID TRILOBITES: ARGUMENTS FROM ONTOGENETIC, FUNCTIONAL, AND EVOLUTIONARY PERSPECTIVES," in Rábano *et al.* (2008, 127-133).
- Fekete, Donna M., & Drew M. Noden.** 2013. "A Transition in the Middle Ear." *Science* **339**

- (22 March): 1396-1397.
- Feldman, Chris R., Edmund D. Brodie Jr., Edmund D. Brodie III, & Michael E. Pfrender.** 2009. "The evolutionary origins of beneficial alleles during the repeated adaptation of garter snakes to deadly prey." *Proceedings of the National Academy of Sciences* **106** (11 August): 13415-13420.
- . 2012. "Constraint shapes convergence in tetrodotoxin-resistant sodium channels of snakes." *Proceedings of the National Academy of Sciences* **109** (20 March): 4556-4561.
- Feldman, D. R., W. D. Collins, P. J. Gero, M. S. Torn, E. J. Mlawer, & T. R. Shipper.** 2015. "Observational determination of surface radiative forcing by CO₂ from 2000 to 2010." *Nature* **519** (19 March): 339-343.
- Feldman, Josh.** 2013. "Richard Dawkins on *Real Time*: 'I'm Sure Obama is an Atheist and I'm Sure Kennedy Was.'" *Mediaite* 25 October posting (online text at www.mediaite.com accessed 10/28/2013).
- Feldman, Kiera.** 2012. "Ken Starr Pulling 'a Clinton' on a Jewish Studies Professor at Baylor U?" *Religion Dispatches* 9 February posting (online text at religiondispatches.org accessed 2/12/2012).
- Feldman, Marcus.** 2014. "Echoes of the Past: Hereditarianism and *A Troublesome Inheritance*." *PLoS Genetics* (online @ plosgenetics.org) **10** (December): e1004817.
- Feldman, Michal, Tal Zusman, Shelly Hagag, & Gil Segal.** 2005. "Coevolution between nonhomologous but functionally similar proteins and their conserved partners in the *Legionella* pathogenesis system." *Proceedings of the National Academy of Sciences* **102** (23 August): 12006-12211.
- FeldmanHall, Oriël, Tim Dalglish, Russell Thompson, Davy Evans, Susanne Schweizer, & Dean Mobbs.** 2012. "Differential neural circuitry and self-interest in real vs hypothetical moral decisions." *Social Cognitive & Affective Neuroscience* **7** (October): 743-751.
- Feldmann, Johannes, & Anders Levermann.** 2015. "Collapse of the West Antarctic Ice Sheet after local destabilization of the Amundsen Basin." *Proceedings of the National Academy of Sciences* **112** (17 November): 14191-14196.
- Feldstein, Steven B.** 2011. "Subtropical Rainfall and the Antarctic Ozone Hole." *Science* **332** (20 May): 925-926.
- Félix, Marie-Anne.** 2005. "An inversion in the wiring of an intercellular signal: evolution of Wnt signaling in the nematode vulva." *BioEssays* **27** (August): 765-769.
- . 2007. "Cryptic Quantitative Evolution of the Vulva Intercellular Signaling Network in *Caenorhabditis*." *Current Biology* **17** (23 January): 103-114.
- Fell, Barry.** 1977. *America B.C.: Ancient Settlers in the New World*. New York: Quadrangle.
- . 1980. *Saga America*. New York: Times Books.
- Feller, Andrea E., & S. Blair Hedges.** 1998. "Molecular Evidence for the Early History of Living Amphibians." *Molecular Phylogenetics and Evolution* **9** (June): 509-516.
- Fellowes, M. D. E., G. J. Holloway, & J. Rolff,** eds. 2005. *Insect Evolutionary Ecology*. Wallingford, UK: Royal Entomological Society.
- Fellowship of Ailbe.* 2013. "T.M. Moore." *The Fellowship of Ailbe* undated posting (online text at www.ailbe.org accessed 2/1/2013).
- Felsenstein, Joseph.** 1978. "Macroevolution in a Model Ecosystem." *The American Naturalist* **112** (January-February): 177-195.
- . 1985. "Phylogenies and the Comparative Method." *The American Naturalist* **125** (January): 1-15.
- . 1999. "Coalescents, Phylogenies, and Likelihoods." *The Biological Bulletin* **196** (June): 343-344.
- . 2006. "Accuracy of Coalescent Likelihood Estimates: Do We Need More Sites, More Sequences, or Mor Loci?" *Molecular Biology and Evolution* **23** (March): 691-700.
- . 2007. "Has Natural Selection Been Refuted? The Arguments of William Dembski." *Reports of the National Center for Science Education* **27** (May-August): 20-26.
- . 2009. "Cornelius Hunter and the Mystery of the Missing Scientific Theory." *Panda's Thumb* posting 12 December (online text at pandasthumb.org accessed 12/16/2009).

- . 2010a. “Evidence that the Second Law of Thermodynamics is wrong?” *Panda’s Thumb* posting 18 February (online text at *pandasthumb.org* accessed 2/19/2010).
- . 2010b. “Cornelius Hunter: Telltale Traces of a Non-Evolutionary Theory Sighted.” *Panda’s Thumb* posting 13 April (online text at *pandasthumb.org* accessed 4/14/2010).
- . 2010c. “98.77% Wrong.” *Panda’s Thumb* posting 28 September (online text at *pandasthumb.org* accessed 10/1/2010).
- . 2011a. “Granville Sewell has dramatic news for gardeners.” *Panda’s Thumb* posting 27 February (online text at *pandasthumb.org* accessed 3/5/2011).
- . 2011b. “Us Darwin lobbyists try to solve the mystery of Uncommon Descent.” *Panda’s Thumb* posting 9 September (online text at *pandasthumb.org* accessed 9/9/2011).
- . 2011c. “Granville Sewell’s unanswerable argument.” *Panda’s Thumb* posting 17 November (online text at *pandasthumb.org* accessed 11/19/2011).
- . 2013a. “Evolution disproven—by Hardy and Weinberg?” *The Skeptical Zone* 25 March posting (online text at *theskepticalzone.com* accessed 7/30/2017).
- . 2013b. “Stephen Meyer needs your help.” *Panda’s Thumb* posting 26 March (online text at *pandasthumb.org* accessed 4/8/2013).
- . 2013c. “Does CSI enable us to detect Design? A reply to William Dembski.” *Panda’s Thumb* posting 7 April (online text at *pandasthumb.org* accessed 4/8/2013).
- . 2014. “Physicists and engineers decide how to analyze evolution.” *Panda’s Thumb* posting 7 April (online text at *pandasthumb.org* accessed 4/8/2013).
- . 2015a. “Theoretical Evolutionary Genetics.” University of Washington *Genome* 562 posting (online pdf at *evolution.gs.washington.edu* accessed 8/10/2016).
- . 2015b. “Jonathan McLatchie fails to define Specified Complexity.” *The Skeptical Zone* 10 November posting (online text at *theskepticalzone.com* accessed 12/3/2015).
- Felsenstein, Joe, & Tom England.** 2015. “Fitness surfaces and searches: Dembski, Ewert, and Marks’s search for design.” *Panda’s Thumb* posting 29 March (online text at *pandasthumb.org* accessed 4/30/2015).
- Felsner, Gregor, Maik S. Sommer, Nicole Gruenheit, Franziska Hempel, Daniel Moog, Stefan Zauner, William Martin, & Uwe G. Maier.** 2011. “ERAD Components in Organisms with Complex Red Plastids Suggest Recruitment of a Preexisting Protein Transport Pathway for the Periplastid Membrane.” *Genome Biology and Evolution* **3**: 140-150.
- Felthous, Alan R.** 2008. “The Will: From Metaphysical Freedom to Normative Functionalism.” *Journal of the American Academy of Psychiatry and the Law* **36** (March): 16-24.
- Feltman, Rachel.** 2014. “Newly discovered fossil could prove a problem for creationists.” *The Washington Post* posting 5 November: online text accessed 11/6/2014 (www.washingtonpost.com).
- Fenchel, Tom, & Bland J. Finlay.** 1994. “The Evolution of Life without Oxygen.” *American Scientist* **82** (January-February): 22-29.
- . 2006. “The diversity of microbes: resurgence of the phenotype.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (November): 1975-1973.
- Feng, Liang, Debra Tumbula-Hansen, Helen Toogood, & Dieter Söll.** 2003. “Expanding tRNA recognition of a tRNA synthetase by a single amino acid change.” *Proceedings of the National Academy of Sciences* **100** (13 May): 5676-5681.
- Feng, Suhua, Steven E. Jacobsen, & Wolf Reik.** 2010. “Epigenetic Reprogramming in Plant and Animal Development.” *Science* **330** (29 October): 622-627.
- Feng, Weimin, & Weiguo Sun.** 2003. “Phosphate replicated and replaced microstructure of molluscan shells from the earliest Cambrian of China.” *Acta Palaeontologica Polonica* **48** (1): 21-30.
- Feng, Xiaoli, Lina Wang, Shangchuan Yang, Dongdong Qin, Jianhong Wang, Chunlu Li, Longbao Lv, Yuanye Ma, & Xintian Hu.** 2011. “Maternal separation produces lasting changes in cortisol and behavior in rhesus monkeys.” *Proceedings of the National Academy of Sciences* **108** (23 August): 14312-14317.

- Feng, Yan-Jie, David C. Blackburn, Dan Liang, David M. Hillis, David B. Wake, David C. Cannatella, & Peng Zhang.** 2017. "Phylogenomics reveals rapid, simultaneous diversification of three major clades of Gondwanan frogs at the Cretaceous-Paleogene boundary." *Proceedings of the National Academy of Sciences* **114** (18 July): E5864-E5870.
- Feng, Zhihui, Shaun P. Scott, Wendy Bussen, Girdhar G. Sharma, Gongshe Guo, Tej K. Pandita, & Simon N. Powell.** 2011. "Rad52 inactivation is synthetically lethal with BRCA2 deficiency." *Proceedings of the National Academy of Sciences* **108** (11 January): 686-691.
- Fenner, Juliane.** 1984. "49. Middle Eocene to Oligocene Planktonic Diatom Stratigraphy From Deep Sea Drilling Sites in the South Atlantic, Equatorial Pacific, and Indian Ocean." *Deep Sea Drilling Project Initial Reports* **75** (June): 1245-1271.
- Fennessy, Julian, Tobias Bidon, Friederike Reuss, Vikas Kumar, Paul Elkan, Maria A. Nilsson, Melita Vamberger, Uwe Fritz, & Axel Janke.** 2016. "Multi-locus Analysis Reveal Four Giraffe Species Instead of One." *Current Biology* **26** (26 September): 2543-2549.
- Fenster, Charles B., W. Scott Armbruster, Paul Wilson, Michele R. Dudash, & James D. Thomson.** 2004. "Pollination Syndromes and Floral Specialization." *Annual Review of Ecology, Evolution and Systematics* **35**: 375-403.
- Fenton, Cassandra R., Thure E. Cerling, Barbara P. Nash, Robert H. Webb, & Robert J. Poreda.** 2002. "Cosmogenic ³He Ages and Geochemical Discrimination of Lava-Dam Outburst-Flood Deposits in Western Grand Canyon, Arizona," in House *et al.* (2002, 191-215).
- Fenton, Cassandra R., Robert J. Poreda, Barbara P. Nash, Robert H. Webb, & Thure E. Cerling.** 2004. "Geochemical Discrimination of Five Pleistocene Lava-Dam Outburst-Flood Deposits, Western Grand Canyon, Arizona." *The Journal of Geology* **112** (January): 91-110.
- Fenton, Cassandra R., Robert H. Webb, & Thure E. Cerling.** 2006. "Peak discharge of a Pleistocene lava-dam outburst flood in Grand Canyon, Arizona, USA." *Quaternary Research* **65** (March): 324-335.
- Fenton, M. Brock.** 1992. *Bats*. New York: Facts On File, Inc.
- . 2011. "The World Through a Bat's Ear." *Science* **333** (29 July): 528-529.
- Feran, Tom.** 2002. "Human origin debate hasn't evolved much." *The Plain Dealer* (Cleveland, Ohio) posting 12 March: online text accessed 2/25/2014 (www.cleveland.com).
- Ferber, Dan.** 2001. "Possible New Route to Polyketide Synthesis." *Science* **291** (2 March): 1683.
- Ferdinand III.** 2010. "Anti-Semitism is a Muslim import. Another great 'benefit' from the Moon cult." *Western Civilisation* 23 September posting (online text at western-civilisation.com accessed 2/3/2015).
- . 2014. "The Inquisitions and its myths. Hannam gets it right." *Western Civilisation* 25 February posting (online text at western-civilisation.com accessed 2/3/2015).
- . 2015. "The myth and nonsense of the 'Enlightenment'. Pure Atheist and Marxist propoganda." *Western Civilisation* 31 January posting (online text at western-civilisation.com accessed 2/3/2015).
- Ferentinos, George, Maria Gkioni, Maria Geraga, & George Papatheodorou.** 2012. "Early seafaring activity in the southern Ionian Islands, Mediterranean Sea." *Journal of Archaeological Science* **39** (July): 2167-2176.
- Feresin, Emiliano.** 2012. "Italian scientists win battle to halt controversial research." *Nature News* (13 June) posting (online text at nature.com accessed 5/4/2015).
- Ferguson, Andrew.** 1998. "How Steven Pinker's Mind Works." *The Weekly Standard* **3** (12 January): 16-24.
- . 2001. "Evolutionary Psychology and Its True Believers." *The Weekly Standard* **6** (19 March): 31-39.
- . 2012. "Revenge of the Sociologists." *The Weekly Standard* **17** (30 July): online text accessed 7/30/2012 (www.weeklystandard.com).

- . 2013. “The Heretic: Who is Thomas Nagel and why are so many of his fellow academics condemning him?” *The Weekly Standard* **18** (25 March): online text accessed 3/31/2013 (www.weeklystandard.com).
- . 2016. “We’re Only Human.” *Commentary* 19 October posting: online text accessed 11/5/2016 (commentarymagazine.com).
- Ferguson, Ben.** 2004. *It’s My America Too: A Leading Young Conservative Shares His Views on Politics and Other Matters of Importance*. New York: William Morrow & Co.
- Ferguson, David.** 2014. “Watch a home-schooler mom go through a science museum and destroy evolution.” *The Raw Story* 25 November posting (online text at www.rawstory.com accessed 11/25/2014).
- . 2015a. “Michigan pediatrician: God doesn’t want me to treat your baby because you’re lesbians.” *The Raw Story* 19 February posting (online text at www.rawstory.com accessed 2/19/2015).
- . 2015b. “Arkansas Republican gave adopted girls to rapist because they were ‘possessed by demons’: report.” *The Raw Story* 11 March posting (online text at www.rawstory.com accessed 3/11/2015).
- . 2015c. “Here’s our handy guide to 9/11 conspiracy theories—and how we know they’re b*llshit.” *The Raw Story* 11 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015d. “Court forces non-religious mom to get therapy from Bible-thumping counselor or lose custody of sons.” *The Raw Story* 15 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015e. “WATCH: Florida school board meeting devolves into chaos as rambunctious Christian protestors disrupt vote.” *The Raw Story* 13 October posting (online text at www.rawstory.com accessed 10/14/2015).
- . 2015f. “Surgeon Ben Carson and anti-science Mike Huckabee raking in cash by hawking bogus medical ‘cures’.” *The Raw Story* 29 October posting (online text at www.rawstory.com accessed 10/14/2015).
- . 2016. “‘The Blaze is over’: Sources say Glenn Beck’s website is dying as his media empire collapses.” *The Raw Story* 29 October posting (online text at www.rawstory.com accessed 10/14/2015).
- Ferguson, David K., Daphne E. Lee, Jennifer M. Bannister, Reinhard Zetter, Gregory J. Jordan, Norbert Vavra, & Dallas C. Mildenhall.** 2010. “The taphonomy of a remarkable leaf bed assemblage from the Late Oligocene-Early Miocene Gore Lignite Measures, southern New Zealand.” *International Journal of Coal Geology* **83** (August): 173-181.
- Ferguson, Jennifer N., Larry J. Young, & Thomas R. Insel.** 2002. “The Neuroendocrine Basis of Social Recognition.” *Frontiers in Neuroendocrinology* **23** (April): 200-224.
- Ferguson, Marilyn.** 1973. *The Brain Revolution: The Frontiers of Mind Research*. 1975 pb ed. New York: Bantam Books.
- Ferguson, Stuart J.** 2010. “ATP synthase: From sequence to ring size to the P/O ratio.” *Proceedings of the National Academy of Sciences* **107** (28 September): 16755-16756.
- Ferguson, Thomas Anthony Y.** 1995. “Alternative sexualities and evolution.” *Evolutionary Theory* **11** (August): 55-64.
- Ferguson, Wallace K., & Geoffrey Bruun.** 1969. *1815 to the Present: A Survey of European Civilization*. 4th ed. Boston: Houghton Mifflin Company.
- Ferigolo, Jorge, & Max C. Langer.** 2007. “A Late Triassic dinosauriform from south Brazil and the origin of the ornithischian predentary bone.” *Historical Biology* **19** (March): 23-33.
- Feringa, Ben L.** 2001. “A New Twist on Chirality.” *Science* **292** (15 June): 2021-2022.
- Ferkowicz, Michael J., & Rudolf A. Raff.** 2001. “Wnt gene expression in sea urchin development: Heterochronies associated with the evolution of developmental mode.” *Evolution & Development* **3** (January-February): 24-33.
- Fernald, Russell D.** 2000. “Evolution of eyes.” *Current Opinion in Neurobiology* **10** (October): 444-450.

- . 2006. “Casting a Genetic Light on the Evolution of Eyes.” *Science* **313** (29 September): 1914-1918.
- . 2011. “Systems biology meets behavior.” *Proceedings of the National Academy of Sciences* **108** (1 November): 17861-17862.
- Fernandes, Andrew D.** 2012. “No evidence that equations cause impeded communication among biologists.” *Proceedings of the National Academy of Sciences* **109** (6 November): E3058-E3057.
- Fernandes, J., S. E. Celniker, E. B. Lewis, & K. VijayRaghavan.** 1994. “Muscle development in the four-winged *Drosophila* and the role of the *Ultrabithorax* gene.” *Current Biology* **11** (November): 957-964.
- Fernandez, André A., & Molly R. Morris.** 2007. “Sexual Selection and Trichromatic Color Vision in Primates: Statistical Support for the Preexisting-Bias Hypothesis.” *The American Naturalist* **170** (July): 10-20.
- Fernández, Ariel, & Michael Lynch.** 2011. “Non-adaptive origins of interactome complexity.” *Nature* **474** (23 June): 502-505.
- Fernández, Israel S., Chyan Leong Ng, Ann C. Kelley, Guowei Wu, Yi-Tao Yu, & V. Ramakrishnan.** 2013. “Unusual base pairing during the decoding of a stop codon by the ribosome.” *Nature* **500** (1 August): 107-110.
- Fernandez, Jorge A.** 2002. “Talk.Origins: Deception By Omission.” *The True.Origin Archive* March posting (online text at trueorigin.org accessed 6/17/2012).
- . 2009. “Impact Craters: Alleged Creation Challenge to Biblical Creation.” *True Origin Archive* posting (online text at trueorigin.org accessed 6/15/2013).
- Fernández, Rosa, & Gonzalo Giribet.** 2015. “Unnoticed in the tropics: phylogenomic resolution of the poorly known arachnid order Ricinulei (Arachnida).” *Royal Society Open Science* **2** (June): 150065.
- Fernández, Rosa, Gustavo Hormiga, & Gonzalo Giribet.** 2014. “Phylogenomic Analysis of Spiders Reveals Nonmonophyly of Orb Weavers.” *Current Biology* **24** (4 August): 1772-1777.
- Fernández, Virginia, Cristina Llinares-Benadero, & Víctor Borrell.** 2016. “Cerebral cortex expansion and folding: what have we learned?” *The EMBO Journal* **35** (17 May): 1021-1044.
- Fernández-Busquets, Xavier, André Körnig, Iwona Bucior, Max M. Burger, & Dario Anselmetti.** 2009. “Self-Recognition and Ca²⁺-Dependent Carbohydrate-Carbohydrate Cell Adhesion Provide Clues to the Cambrian Explosion.” *Molecular Biology and Evolution* **26** (November): 2551-2561.
- Fernández-Real, Jose M., & Wilfredo Ricart.** 2011. “Osteocalcin: a new link between bone and energy metabolism. Some evolutionary clues.” *Current Opinion in Clinical Nutrition & Metabolic Care* **14** (July): 360-366.
- Fernández Robledo, José A., Elisabet Caler, Motomichi Matsuzaki, Patrick J. Keeling, Dhanasekaran Shanmugam, David S. Ross, & Gerardo R. Vasta.** 2011. “The search for the missing link: a relic plastid in Perkinsus?” *International Journal for Parasitology* **41** (October): 1217-1229.
- Fernández-Sánchez, María Elena, Sandrine Barbier, Joanne Whitehead, Gaëlle Béalle, Aude Michel, Heldmuth Latorre-Ossa, Colette Rey, Laura Fouassier, Audrey Claperon, Laura Brullé, Elodie Girard, Nicolas Servant, Thomas Rio-Frio, Hélène Marie, Sylviane Lesieur, Chantal Housset, Jean-Luc Gennisson, Mickaël Tanter, Christine Ménager, Silvia Fre, Sylvie Robine, & Emmanuel Farge.** 2015. “Mechanical induction of the tumorigenic β -catenin pathway by tumour growth pressure.” *Nature* **523** (2 July): 92-95.
- Fernandez-Tresguerres, Beatriz, Susana Cañon, Teresa Rayon, Barbara Pernaute, Miguel Crespo, Carlos Torroja, & Miguel Manzanares.** 2010. “Evolution of the mammalian embryonic pluripotency gene regulatory network.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19955-19960.
- Fernando, Chrisantha, & Eörs Szathmáry.** 2010. “Natural Selection in the Brain,” in

- Glatzeder *et al.* (2010, 291-322).
- Ferner, Kirsten, & Andrea Mess.** 2011. "Evolution and development of fetal membranes and placentation in amniote vertebrates." *Respiratory Physiology & Neurobiology* **178** (31 August): 39-50.
- Ferngren, Gary B.,** ed. 2002. *Science and Religion: A Historical Introduction*. Baltimore, MD: Johns Hopkins University Press.
- Fernie, Gordon, & Richard J. Tunney.** 2013. "Learning on the IGT follows emergence of knowledge but not differential somatic activity." *Frontiers in Psychology* (online @ frontiersin.org) **4** (October): 687.
- Ferrada, Evandro, & Andreas Wagner.** 2010. "Evolutionary Innovations and the Organization of Protein Functions in Genotype Space." *PLoS ONE* (online @ plosone.org) **5** (November): e14172.
- Ferrara, Christopher J.** 2015. "The Neo-Catholic Planet of the Apes." *Remnant Newspaper* 25 May posting (online text at remnantnewspaper.com accessed 5/27/2015).
- Ferrari, P. F., L. Bonini, & L. Fogassi.** 2009. "From monkey mirror neurons to primate behaviours: possible 'direct' and 'indirect' pathways." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 August): 2311-2323.
- Ferré-D'Amaré, Adrian R.** 2011a. "Stop the nonsense." *Nature* **474** (16 June): 289-290.
- . 2011b. "Use of a coenzyme by the *glmS* ribozyme-riboswitch suggests primordial expansion of RNA chemistry by small molecules." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (October): 2942-2948.
- Ferré-D'Amaré, Adrian R., & William G. Scott.** 2010. "Small Self-cleaving Ribozymes." *Cold Spring Harbor Perspectives in Biology* **2** (October): a003574.
- Ferreira, Gloria C., & Jian Gong.** 1995. "5-Aminolevulinic synthase and the first step of heme biosynthesis." *Journal of Bioenergetics and Biomembranes* **27** (April): 151-159.
- Ferreira, Pedro G., & Glenn D. Starkman.** 2009. "Einstein's Theory of Gravity and the Problem of Missing Mass." *Science* **326** (6 November): 812-815.
- Ferreiro, Diego U., Joseph A. Hegler, Elizabeth A. Komives, & Peter G. Wolynes.** 2011. "On the role of frustration in the energy landscapes of allosteric proteins." *Proceedings of the National Academy of Sciences* **108** (1 March): 3459-3503.
- Ferrell, Vance.** 2001. *The Evolution Cruncher: Scientific facts which annihilate evolutionary theory*. Altamont, TN: Evolution Facts, Inc.
- . 2003. "Six Strange Teachings of Evolution." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 11/4/2003).
- . 2004. "Chapter 14 MUTATIONS Part 2." *Evolution Encyclopedia Vol. 2* entry (online text at www.evolution-facts.org accessed 4/28/2004).
- . 2006a. "Fruit Flies Speak Up." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 7/29/2010).
- . 2006b. "The Three Evolutionary Mechanisms." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 7/29/2010).
- . 2006c. "Biology Class Discussion." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 7/29/2010).
- . 2006d. "Species Evolution." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 7/29/2010).
- . 2006e. "Scientists Speak About Speciation." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 7/29/2010).
- . 2006f. *Science vs. Evolution*. Rev. ed. of *The Evolution Cruncher*. Altamont, TN: Evolution Facts, Inc.
- . 2010a. "Scientists Speak About Evolution: 2." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 12/14/2013).
- . 2010b. "Chapter 12c: Fossils & Strata." *Creation-Evolution Encyclopedia* entry (online text at pathlights.com accessed 11/16/2015).
- . 2012. "Chapter 31 – Scientists Speak Part 2." *Evolution Encyclopedia Vol. 3* 4 March updated entry (online text at www.evolutionfacts.com accessed 12/15/2013).

- Ferreon, Allan Chris M., Josephine C. Ferreon, Peter E. Wright, & Ashok A. Deniz.** 2013. "Modulation of allostery by protein intrinsic disorder." *Nature* **498** (20 June): 390-394.
- Ferrer, John D.** 2010. "Is Intelligent Design Science?" *Cross Examined* 8 November posting (online text at *crossexamined.org* accessed 8/30/2013).
- . 2013a. "Abortion and Human Continuity." *Intelligent Christian Faith* 23 April posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- . 2013b. "Is this the face of Evil? Reflections on the Gosnell Murders." *Intelligent Christian Faith* 27 April posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- . 2013c. "Miracles and Natural Laws." *Intelligent Christian Faith* 12 May posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- . 2013d. "Pascalian Gambling—A Solid Bet or a Fool's Wager?" *Intelligent Christian Faith* 9 June posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- . 2013e. "Credibility and Veracity—A look at evidential criteria." *Intelligent Christian Faith* 18 August posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- . 2013f. "Wedding Photographers Lose Case over Conscientious Objection." *Intelligent Christian Faith* 27 August posting (online text at *intelligentchristianfaith.wordpress.com* accessed 8/30/2013).
- Ferrer i Cancho, Ramon, & Ricard V. Solé.** 2003. "Least effort and the origins of scaling in human language." *Proceedings of the National Academy of Sciences* **100** (4 February): 788-791.
- Ferrero, Brenda S., & Jorge I. Noriega.** 2007. "A new Upper Pleistocene tapir from Argentina: Remarks on the phylogenetics and diversification of neotropical tapiridae." *Journal of Vertebrate Paleontology* **27** (June): 504-511.
- Ferrer-Orta, Cristina, Armando Arias, Rosa Pérez-Luque, Cristina Escarmis, Esteban Domingo, & Nuria Verdaguer.** 2007. "Sequential structures provide insights into the fidelity of RNA replication." *Proceedings of the National Academy of Sciences* **104** (29 May): 9463-9468.
- Ferrie, Jared.** 2010. "Khmer Rouge torture chief to appeal: Is he a chameleon or a contrite Christian?" *Yahoo! News* posting 26 July (online text at *news.yahoo.com* accessed 7/27/2010).
- Ferrier, David E. K.** 2010. "Evolution of Hox Complexes," in Deutsch (2010, 91-100).
- . 2011. "Tunicates push the limits of animal evo-devo." *BMC Biology* (online @ *biomedcentral.com*) **9** (20 January): 3.
- . 2012. "Evolutionary crossroads in developmental biology: annelids." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **139** (1 August): 2643-2653.
- Ferrier, David E. K., & Peter W. H. Holland.** 2001. "Ancient origin of the Hox gene cluster." *Nature Reviews Genetics* **2** (January): 33-38.
- Ferrier, David E. K., & Carolina Minguillón.** 2003. "Evolution of the *Hox/ParaHox* gene clusters." *International Journal of Developmental Biology* **47** (7/8): 605-611.
- Ferriere, Regis, & Richard E. Michod.** 2011. "Inclusive fitness in evolution." *Nature* **471** (24 March): E6-E8.
- Ferring, Reid, Oriol Oms, Jordi Agustí, Francesco Berna, Medea Nioradze, Teona Shelia, Martha Tappen, Abesalom Vekua, David Zhvania, & David Lordkipanidze.** 2011. "Earliest human occupations at Dmanisi (Georgian Caucasus) dated to 1.85-1.78 Ma." *Proceedings of the National Academy of Sciences* **108** (28 June): 10432-10436.
- Ferris, Dave G., Jihong Cole-Dai, Angelica R. Reyes, & Drew M. Budner.** 2011. "South Pole ice core record of explosive volcanic eruptions in the first and second millennia A.D. and evidence of a large eruption in the tropics around 535 A.D." *Journal of Geophysical Research* **116** (16 September): D17308.
- Ferris, James P.** 1995. "Life at the margins." *Nature* **373** (23 February): 659.
- . 1999. "Prebiotic Synthesis on Minerals: Bridging the Prebiotic and RNA Worlds." *The*

- Biological Bulletin* **196** (June): 311-314.
- . 2002. “Montmorillonite Catalysis of 30-50 Mer Oligonucleotides: Laboratory Demonstration of Potential Steps in the Origin of the RNA World.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (August): 311-332.
- . 2005. “Mineral Catalysis and Prebiotic Synthesis: Montmorillonite-Catalyzed Formation of RNA.” *Elements* **1** (June): 145-149.
- . 2006. “Montmorillonite-catalysed formation of RNA oligomers: the possible role of catalysis in the origins of life.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1777-1786.
- Ferris, James P., Aubrey R. Hill Jr., Rihe Liu, & Leslie E. Orgel.** 1996. “Synthesis of long prebiotic oligomers on mineral surfaces.” *Nature* **381** (2 May): 59-61.
- Ferris, Kathleen G., Tullia Rushton, Anna B. Greenlee, Katherine Toll, Benjamin K. Blackman, & John H. Willis.** 2015. “Leaf shape evolution has a similar genetic architecture in three edaphic specialists within the *Mimulus guttatus* species complex.” *Annals of Botany* **116** (August): 213-223.
- Ferris, Patrick, Bradley J. S. C. Olson, Peter L. De Hoff, Stephen Douglass, David Casero, Simon Prochnik, Sa Geng, Rhitu Rai, Jane Grimwood, Jeremy Schmutz, Ichiro Nishii, Takashi Hamaji, Hisayoshi Nozaki, Matteo Pellegrini, & James G. Umen.** 2010. “Evolution of an Expanded Sex-Determining Locus in *Volvox*.” *Science* **328** (16 April): 351-354.
- Ferry, Greg.** 2010. “CO and the Evolution of Methanogenesis.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 8 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Ferry, James G., & Christopher H. House.** 2006. “The Stepwise Evolution of Early Life Driven by Energy Conservation.” *Molecular Biology and Evolution* **23** (June): 1286-1292.
- Fertig, Jack, Matt Glaser, & Laury Silvers.** 2011. “The King of Irony.” *Religion Dispatches* 9 March posting (online text at religiondispatches.org accessed 3/10/2011).
- Ferus, Martin, Antonin Knižek, & Svatopluk Civiš.** 2015. “Meteorite-catalyzed synthesis of nucleosides and other prebiotic compounds.” *Proceedings of the National Academy of Sciences* **112** (26 May): 7109-7110.
- Ferus, Martin, David Nesvorný, Jiří Šponer, Petr Kubelík, Regina Michalčíková, Violetta Shestivská, Judit E. Šponer, & Svatopluk Civiš.** 2015. “High-energy chemistry of formamide: A unified mechanism of nucleobase formation.” *Proceedings of the National Academy of Sciences* **112** (20 January): 657-662.
- Ferus, Martin, Fabio Pietrucci, Antonino Marco Saitta, Antonin Knižek, Petr Kubelík, Ondřej Ivanek, Violetta Shestivská, & Svatopluk Civiš.** 2017. “Formation of nucleobases in a Miller-Urey reducing atmosphere.” *Proceedings of the National Academy of Sciences* **114** (25 April): 4306-4311.
- Ferwerda, Bart, Santos Alonso, Kathy Banahan, Matthew B. B. McCall, Evangelos J. Giamarellos-Bourboulis, Bart P. Ramakers, Maria Mouktaroudi, Pamela R. Fain, Neskuts Izagirre, Din Syafruddin, Tudor Cristea, Frank P. Mockenhaupt, Marita Troye-Blomberg, Oliver Kumpf, Boubacar Maiga, Amagana Dolo, Ogobara Doumbo, Santhosh Sundaresan, George Bedu-Addo, Reinout van Crevel, Lutz Hamann, Djinye Oh, Ralf R. Schumann, Leo A. B. Joosten, Concepcion de la Rúa, Robert Sauerwein, Joost P. H. Drenth, Bart-Jan Kullberg, André J. A. M. van der Ven, Adrian V. Hill, Peter Pickkers, Jos W. M. van der Meer, Luke A. J. O’Neill, & Mihai G. Netea.** 2009. “Functional and genetic evidence that the Mal/TIRAP allele variant 180L has been selected by providing protection against septic shock.” *Proceedings of the National Academy of Sciences* **106** (23 June): 10272-10277.
- Ferwerda, Bart, Matthew B. B. McCall, Maaike C. de Vries, Joost Hopman, Boubacar Maiga, Amagana Dolo, Ogobara Doumbo, Modibo Daou, Dirk de Jong, Leo A. B. Joosten, Rudi A. Tissingh, Frans A. G. Reubsaet, Robert Sauerwein, Jos W. M. van der Meer, André J. A. M. van der Ven, & Mihai G. Netea.** 2009. “Caspase-12 and the Inflammatory Response to *Yersinia pestis*.” *PLoS ONE* (online @ plosone.org) **4** (September): e6870.

- Feschotte, Cédric.** 2010. “Bornavirus enters the genome.” *Nature* **463** (7 January): 39-40.
- Feschotte, Cédric, & Ellen J. Pritham.** 2007. “DNA Transposons and the Evolution of Eukaryotic Genomes.” *Annual Review of Genetics* **41**: 331-368.
- Feser, Edward.** 2013. “A Christian Hart, A Humean Head.” *First Things* 6 March posting (online text at *firstthings.com* accessed 10/27/2015).
- . 2015a. “David Bentley Hart Jumps the Shark: Why Animals Don’t Go to Heaven.” *The Witherspoon Institute* 8 April posting (online text at *www.thepublicdiscourse.com* accessed 10/27/2015).
- . 2015b. “Scientists Should Tell Lawrence Krauss to Shut Up Already.” *The Witherspoon Institute* 28 September posting (online text at *www.thepublicdiscourse.com* accessed 10/5/2015).
- Fetzer, James H.** 2010. “Wikipedia as a 9/11 disinformation op.” *JAMES FETZER: Exposing Falsehoods and Revealing Truths* 6 July posting (online text at *jamesfetzer.blogspot.com* accessed 10/9/2013).
- . 2011a. “Evolution and atheism: Has Griffin reconciled science and religion?” *Synthese* **178** (January #2): 381-396.
- . 2011b. “Fetzer/Burton Moon Landing Debate Finale.” *Deep Politics Forum* 9 November posting (online text at *deppoliticsforum.com* accessed 10/9/2013).
- Feucht, Dennis.** 1999. “Design in Nature and the Nature of Design.” *Access Research Network Origins & Design (AKA Origins Research)* **19** (Winter): 18-23.
- Feuda, Roberto, Sinead C. Hamilton, James O. McInerney, & Davide Pisani.** 2012. “Metazoan opsin evolution reveals a simple route to animal vision.” *Proceedings of the National Academy of Sciences* **109** (13 November): 18868-18872.
- Feuer, Alan.** 2009. “They’ve Seen the Future and Dislike the Present.” *The New York Times* posting 16 March: online text accessed 1/13/2011 (*www.nytimes.com*).
- Feuillet, Lionel, Henry Dufour, & Jean Pelletier.** 2007. “Brain of a white-collar worker.” *The Lancet* **370** (21 July): 262.
- Faulner, Georg.** 2012. “The Faint Young Sun Problem.” *Reviews of Geophysics (AKA Reviews of Geophysics and Space Physics)* **50**: RG2006.
- Feynman, Richard P., with Ralph Leighton, ed. Edward Hutchings.** 1985. “*Surely You’re Joking, Mr. Feynman!*” *Adventures of a Curious Character*. 1989 pb ed. New York: Bantam Books.
- Fezer, Karl D.** 1993. “Creation’s Incredible Witness: Duane T. Gish, Ph.D.” *Creation/Evolution* **13** (Winter): 5-21.
- . 1994. “Amplification and Clarification.” *Creation/Evolution* **14** (Summer): 40-42.
- ffrench-Constant, Richard H.** 2013. “The Molecular Genetics of Insecticide Resistance.” *Genetics* **194** (August): 807-815.
- . 2014. “Of monarchs and migration.” *Nature* **514** (16 October): 314-315.
- ffrench-Constant, Phillip J. Daborn, & Gaele Le Goff.** 2004. “The genetics and genomics of insecticide resistance.” *Trends in Genetics* **20** (March): 163-170.
- FGCP.** 2011. “Lawrence Blanchard’s Bible Study.” *Fellowship of God’s Covenant People* undated posting (online text at *fgcp.org* accessed 2/14/2011).
- Fica, Sebastian M., Chris Oubridge, Wojciech P. Galej, Max E. Wilkinson, Xiao-Chen Bai, Andrew J. Newman, & Kiyoshi Nagai.** 2017. “Structure of a spliceosome remodelled for exon ligation.” *Nature* **542** (16 February): 377-380.
- Fica, Sebastian M., Nicole Tuttle, Thadeus Novak, Nan-Sheng Li, Jun Lu, Prakash Koodathingal, Qing Dai, Jonathan P. Staley, & Joseph A. Piccirilli.** 2013. “RNA catalyses nuclear pre-mRNA splicing.” *Nature* **503** (14 November): 229-234.
- Fidalgo, Paul.** 2012a. “Jeff Flake Will Decide What Is and Isn’t Science, Thank You Very Much.” *Friendly Atheist* 15 May posting (online text at *www.patheos.com* accessed 2/15/2014).
- . 2012b. “The Presidential Candidates Respond to Science Questions, Weirdly Appear to Take Them Seriously.” *Friendly Atheist* posting 7 September (online text at *www.patheos.com* accessed 9/7/2012).

- FIDH.** 2014. “BAHRAIN: New trial against Nabeel Rajab to start on October 19.” *International Federation for Human Rights* 17 October posting (online text at www.fidh.org accessed 10/17/2014).
- Fidler, Aaron L., Roberto M. Vanacore, Sergei V. Chetyrkin, Vadim K. Pedchenko, Gautam Bhawe, Viravuth P. Yin, Cody L. Stothers, Kristie Lindsey Rose, W. Hayes McDonald, Travis A. Clark, Dorin-Bogdan Borza, Robert E. Steele, Michael T. Ivy, The Aspironauts, Julie K. Hudson, & Billy G. Hudson.** 2014. “A unique covalent bond in basement membrane is a primordial innovation for tissue evolution.” *Proceedings of the National Academy of Sciences* **111** (7 January): 331-336.
- Fiedel, Stuart, & Gary Haynes.** 2004. “A premature burial: comments on Grayson and Meltzer’s ‘Requiem for overkill’.” *Journal of Archaeological Science* **31** (January): 121-131.
- Fiedel, Stuart J., John R. Southon, Thomas A. Brown,** comments with Response by **G. A. Zielinski, P. A. Mayewski, L. D. Meeker, S. Whitlow, M. S. Twickler, M. Morrison, D. A. Meese, A. J. Gow, & R. B. Alley.** 1995. “The GISP Ice Core Record of Volcanism Since 7000 B.C.” *Science* **267** (13 January): 256-258.
- Fiedler, Konrad.** 2010. “The coming and going of Batesian mimicry in a Holarctic butterfly clade.” *BMC Biology* (online @ biomedcentral.com) **8** (15 September): 122.
- Fiedler, Ulrike, & H. Th. Marc Timmers.** 2001. “Analysis of the open region of RNA polymerase II transcription complexes in the early phase of elongation.” *Nucleic Acids Research* **29** (1 July): 2706-2714.
- Fiedorczuk, Karol, James A. Letts, Gianluca Degliesposti, Karol Kaszuba, Mark Skehel, & Leonid A. Sazanov.** 2016. “Atomic structure of the entire mammalian mitochondrial complex I.” *Nature* **538** (20 October): 406-410.
- Fiegna, Francesca, Yuen-Tsu N. Yu, Supriya V. Kadam, & Gregory J. Velicer.** 2006. “Evolution of an obligate social cheater to a superior cooperator.” *Nature* **441** (18 May): 310-313.
- Field, Ben, Anna-Sophie Fiston-Lavier, Ariane Kemen, Katrin Geisler, Hadi Quesneville, & Anne E. Osbourn.** 2011. “Formation of plant metabolic gene clusters within dynamic chromosomal regions.” *Proceedings of the National Academy of Sciences* **108** (20 September): 16116-16121.
- Field, Chris.** 2012. “Dr Clifford Wilson Passes Into Glory.” *ChrisFieldBlog.com* 13 April posting (online text at chrisfieldblog.com accessed 9/14/2013).
- Field, Christine.** 2012. “Dr. Jay Wile: Real Science in the Homeschool.” *The Old School House* magazine (April) posting (online text at www.homeschoolmagazine.com accessed 1/26/2014).
- Field, Daniel J.** 2017. “Big-time insights from a tiny bird fossil.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7750-7752.
- Field, Daniel J., Jacques A. Gauthier, Benjamin L. Krieg, Davide Pisani, Tyler R. Lyson, & Kevin J. Peterson.** 2014. “Toward consilience in reptile phylogeny: miRNAs support an archosaur, not lepidosaur, affinity for turtles.” *Evolution & Development* **16** (July-August): 189-196.
- Field, K. G., G. J. Olsen, D. J. Lane, S. J. Giovannoni, M. T. Ghiselin, E. C. Raff, N. R. Pace, & R. A. Raff.** 1988. “Molecular phylogeny of the animal kingdom.” *Science* **239** (12 February): 748-753.
- Field, Mark C., Carme Gabernet-Castello, & Joel B. Dacks.** 2007. “Reconstructing the Evolution of the Endocytic System: Insights from Genomics and Molecular Cell Biology,” in Jékely (2007a, 84-96).
- Field, Steven F., & Mikhail V. Matz.** 2010. “Retracing Evolution of Red Fluorescence in GFP-Like Proteins from Faviina Corals.” *Molecular Biology and Evolution* **27** (February): 225-233.
- Field, Yair, Evan A. Boyle, Natalie Telis, Ziyue Gao, Kyle J. Gaulton, David Golan, Loic Yengo, Ghislain Rocheleau, Philippe Froguel, Mark I. McCarthy, & Jonathan K. Pritchard.** 2016. “Detection of human adaptation during the past 2000 years.” *Science*

- 354 (11 November): 760-764.
- Fields, Andrew T., Kevin A. Feldheim, Gregg R. Poulakis, & Demian D. Chapman.** 2015. "Facultative parthenogenesis in a critically endangered wild vertebrate." *Current Biology* **25** (1 June): R4446-R4447.
- Fields, Cheri.** 2014. "Favorite Sites" *Creation Science 4 Kids* undated posting (online text at creationscience4kids.com accessed 2/24/2015).
- . 2015. "Underwater Volcanoes." *Creation Science 4 Kids* undated posting (online text at creationscience4kids.com accessed 6/26/2015).
- Fields, Dennis.** 1983. "The Immorality of Surrogate Mothering." *Fundamentalist Journal* **2** (May): 20-23, 44.
- Fields, R. Douglas.** 2004. "The Other Half of the Brain." *Scientific American* **290** (April): 54-61.
- . 2010. "Change in the Brain's White Matter." *Science* **330** (5 November): 768-769.
- Fields, R. Douglas, & Beth Stevens-Graham.** 2002. "New Insights into Neuron-Glia Communication." *Science* **298** (18 October): 556-562.
- Fietzke, Jan, Federica Ragazzola, Jochen Halfar, Heiner Dietze, Laura C. Foster, Thor Henrik Hansteen, Anton Eisenhauer, & Robert S. Steneck.** 2015. "Century-scale trends and seasonality in pH and temperature for shallow zones of the Bering Sea." *Proceedings of the National Academy of Sciences* **112** (10 March): 2960-2965.
- Figueirido, Borja, Christine M. Janis, Juan A. Pérez-Claros, Miquel De Renzi, & Paul Palmqvist.** 2012. "Cenozoic climate change influences mammalian evolutionary dynamics." *Proceedings of the National Academy of Sciences* **109** (17 January): 722-727.
- Figueiró, Henrique V., Gang Li, Fernanda J. Trindale, Juliana Assis, Fabiano Pais, Gabriel Fernandes, Sarah H. D. Santos, Graham M. Hughes, Aleksey Komissarov, Agostinho Antunes, Cristine S. Trinca, Maíra R. Rodrigues, Tyler Linderoth, Ke Bi, Leandro Silveira, Fernando C. C. Azevedo, Daniel Kantek, Emiliano Ramalho, Ricardo A. Brassaloti, Priscilla M. S. Villela, Aduino L. V. Nunes, Rodrigo H. F. Teixeira, Ronaldo G. Morato, Damian Loska, Patricia Saragüeta, Toni Gabaldón, Emma C. Teeling, Stephen J. O'Brien, Rasmus Nielsen, Luiz L. Coutinho, Guilherme Oliveira, William J. Murphy, & Eduardo Eizirik.** 2017. "Genome-wide signatures of complex introgression and adaptive evolution in the big cats." *Science Advances* **3** (19 July): e1700299 (online at sciencemag.org).
- Figueredo, Aurelio José, Paul Gladden, Geneva Vásquez, Pedro Sofio Abril Wolf, & Daniel Nelson Jones.** 2009. "Evolutionary theories of personality," in Corr & Matthews (2009, 265-274).
- Figuroa, Andrea M., & Jeffrey R. Knott.** 2010. "Tectonic geomorphology of the southern Sierra Nevada Mountains (California): Evidence for uplift and basin formation." *Geomorphology* **123** (1 November): 34-45.
- Fikáček, Martin, Alexander Prokin, & Robert Angus.** 2011. "A long-living species of the hydrophiloid beetles: *Helophorus sibiricus* from the early Miocene deposits of Kartashevo (Siberia, Russia)." *ZooKeys* (online @ ncbi.nlm.nih.gov) **130** (24 September): 239-254.
- Filbey, Francesca M., Joseph P. Schacht, Ursula S. Myers, Robert S. Chavez, & Kent E. Hutchison.** 2009. "Marijuana craving in the brain." *Proceedings of the National Academy of Sciences* **106** (4 August): 13016-13021.
- Filée, Jonathan, Patrick Forterre, Tang Sen-Lin, & Jacqueline Laurent.** 2002. "Evolution of DNA Polymerase Families: Evidences for Multiple Gene Exchange Between Cellular and Viral Proteins." *Journal of Molecular Evolution* **54** (June): 763-773.
- Filippelli, Gabriel.** 2014. "A salty start to modern ocean circulation." *Science* **344** (13 June): 1228-1229.
- Filler, Aaron G.** 2007. "Homeotic Evolution in the Mammalia: Diversification of Therian Axial Seriation and the Morphogenetic Basis of Human Origins." *PLoS ONE* (online @ plosone.org) **2** (October): e1019.
- Filmer, Joshua.** 2014. "Faint Young Sun Paradox & Early Earth." *From Quarks to Quasars* **3** February posting (online text at www.fromquarkstoquasars.com accessed 6/8/2014).

- Finarelli, John A., & William C. Clyde.** 2004. “Reassessing hominoid phylogeny: evaluating congruence in the morphological and temporal data.” *Paleobiology* **30** (December): 614-651.
- Finarelli, John A., & Michael I. Coates.** 2012. “First tooth-set outside the jaws in a vertebrate.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 February): 775-779.
- Finarelli, John A., & John J. Flynn.** 2009. “Brain-size evolution and sociality in Carnivora.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9345-9349.
- Fincham, Jon M., & John R. Anderson.** 2006. “Distinct roles of the anterior cingulate and prefrontal cortex in the acquisition and performance of a cognitive skill.” *Proceedings of the National Academy of Sciences* **103** (22 August): 12941-12946.
- Fincke, Daniel.** 2014a. “A Philosophy Professor Analyzes God’s Not Dead’s Case For God.” *Camels with Hammers* posting 27 March (online text at www.patheos.com accessed 9/22/2014).
- . 2014b. “Why Do Outspoken Atheists Care So Much About What They Don’t Believe In?” *Camels with Hammers* posting 13 May (online text at www.patheos.com accessed 5/9/2016).
- Fincke, Ola M., Caryn Vaughn, William Shelton, Michael Kaspari, Gary Wellborn, Thomas S. Ray, J. Bastian, Ari Berkowitz, P. M. Hopkins, David S. Durica, Barbara Safiejko-Mroccka, Frank J. Sonleitner, Victor H. Hutchison, Don Wilson, P. L. Schwagmeyer, Edith C. Marsh-Matthews, Richard E. Broughton, Rosemary Knapp, James H. Thompson, Douglas Mock, Marielle Hoefnagels, Regina Sullivan, Doug D. Gaffin, Paul Bell, Laurie Vitt, Lawrence J. Welder, William J. Matthews, Jamalee P. Caldwell, Gary D. Schnell, R. Cifelli, M. Mares, Nick J. Czaplewski, Janet K. Braun, Bruce Hoagland, Eddie Carol Smith, Mark V. Lomolino, Mia Molvray, Paul J. Kores, Wayne Elisens, Ralph Tanner, John Skvarla, Leonard Beevers, John Fletcher, John Downard, John Lancaster, David McCarthy, YiQi Luo, Jimmy Ballard, Joseph Suflita, Lee Krumholz, Linda Wallace, David Nagle, Scott Russell, Michael McInerney, Bruce A. Roe, Michael R. Abraham, Roland E. Lehr, Michael T. Ashby, Kenneth M. Nicholas, Ann West, Dick van der Helm, Radi Wehmshulte, Robert P. Housa, Ronald L. Halterman, Philip E. Klebba, George B. Richter-Addo, Paul F. Cook, Michael Nunley, Patricia Gilman, Susan Vehik, Richard Pailes, Morris Foster, Circe Sturm, Robert Brooks, Paul Minnis, Lisa Lefler, Margaret Bender, Marcia Haag, Lesley Rankin-Hill, Karl Rambo, John Monaghan, Don Wyckoff, Stewart Ryan, Ryan E. Doezema, Sheena Murphy, John Cowan, Matthew B. Johnson, Gregory A. Parker, Neil Shafer-Ray, William Romanishin, Eric Abraham, Edward Baron, Bruce Mason, Kimball A. Milton, Philip Gutierrez, Kieran Mullen, George R. Kalbfleisch, John E. Furneaux, Michael B. Santos, Robert Petry, Patrick Skubic, Richard C. Henry, Mark Keil, David Branch, Ronald Kantowski, Thomas A. Dewers, R. Douglas Elmore, M. Charles Gilbert, David London, Richard A. Lupia, Kevin J. Smart, Michael Soreghan, Barry L. Weaver, Stephen L. Westrop, Gerylyn S. Soreghan, Charles W. Harper Jr., Judson L. Ahern, Peter Barker, Katherine Pandora, Michael S. Reidy, Marilyn Ogilvie, Judith C. Whitecotton, Kenneth L. Taylor, Philippe Foret, & Teresa K. Debacker.** 1999. Letter draft to Oklahoma Textbook Commission. Thomas S. Ray website posting (online text at www.isd.atr.co.jp/~ray/ accessed 1/13/2004, not available as of 4/2/2014).
- Findeisen, Peggy, Stefanie Mühlhausen, Silke Dempewolf, Jonny Hertzog, Alexander Zietlow, Teresa Carlomagno, & Martin Kollmar.** 2014. “Six Subgroups and Extensive Recent Duplications Characterize the Evolution of the Eukaryotic Tubulin Protein Family.” *Genome Biology and Evolution* **6** (September): 2274-2288.
- Finet, Cédric, Annick Berne-Dedieu, Charles P. Scutt, & Ferdinand Marlétaz.** 2013. “Evolution of the ARF Gene Family in Land Plants: Old Domains, New Tricks.” *Molecular Biology and Evolution* **30** (January): 45-56.
- Fingelkurts, Alexander A., & Andrew A. Fingelkurts.** 2009. “Is Our Brain Hardwired to Produce God, or is Our Brain Hardwired to Perceive God? A Systematic Review on the

- Role of the Brain in Mediating Religious Experience.” *Cognitive Processing* **10** (May): 293-326.
- Finger, Stanley.** 2000. *Minds Behind the Brain: A History of the Pioneers and Their Discoveries*. Oxford: Oxford University Press.
- Finger, Thomas E., Naoyuki Yamamoto, Harvey J. Karten, & Patrick R. Hof.** 2013. “Evolution of the Forebrain—Revisiting the Pallium.” *The Journal of Comparative Neurology* **521** (November): 3601-3603.
- Fink, Anthony L.** 2005. “Natively unfolded proteins.” *Current Opinion in Structural Biology* **15** (February): 35-41.
- Finkbeiner, Ann.** 2014. “Planets in Chaos.” *Nature* **511** (3 July): 22-24.
- Finkel, Steven E.** 2006. “Long-term survival during stationary phase: evolution and the GASP phenotype.” *Nature Reviews Microbiology* **4** (February): 113-120.
- Finkel, Toren, & Paul M. Hwang.** 2009. “The Krebs cycle meets the cell cycle: Mitochondria and the G₁-S transition.” *Proceedings of the National Academy of Sciences* **106** (21 July): 11825-11826.
- Finkelstein, Gabriel.** 2001. “Romanticism, Race, and Recapitulation.” *Science* **294** (7 December): 2101-2102.
- Finkelstein, Israel.** 2015. “The Wilderness Narrative and Itineraries and the Evolution of the Exodus Tradition,” in Levy *et al.* (2015a, 39-53).
- Finkelstein, Israel, & Eli Piasezky.** 2003. “Comment on ‘¹⁴C Dates from Tel Rehov: Iron-Age Chronology, Pharaohs, and Hebrew Kings’.” *Science* **302** (24 October): 568.
- Finkelstein, Israel, & Neil Asher Silberman.** 2001. *The Bible Unearthed: Archaeology’s New Vision of Ancient Israel and the Origins of Its Sacred Texts*. New York: The Free Press.
- Finkelstein, Norman G.** 2002. “An Introduction to the Israel-Palestine Conflict.” *Global Dialogue* **4** (Summer) adaptation of introduction to German language edition of *Image and Reality* (1995): online text accessed 7/30/2014 (worlddialogue.org).
- Finkelstein, S. L., C. Papovich, M. Dickinson, M. Song, V. Tilvi, A. M. Koekemoer, K. D. Finkelstein, B. Mobasher, H. C. Ferguson, M. Giavalisco, N. Reddy, M. L. N. Ashby, A. Dekel, G. G. Fazio, A. Fontana, N. A. Grogin, J.-S. Huang, D. Kocevski, M. Rafelski, B. J. Weiner, & S. P. Willner.** 2013. “A galaxy rapidly forming stars 700 million years after the Big Bang at redshift 7.51.” *Nature* **502** (24 October): 524-527.
- Finlay, Barbara L., Richard B. Darlington, & Nicholas Nicastro.** 2001. “Developmental structure in brain evolution.” *Behavioral and Brain Sciences* **24** (2): 263-278, 298-304.
- Finlayson, Clive, Kimberly Brown, Ruth Blasco, Jordi Rosell, Juan José Negro, Gary R. Bortolotti, Geraldine Finlayson, Antonio Sánchez Marco, Francisco Giles Pacheco, Joaquín Rodríguez Vidal, José S. Carrión, Darren A. Fa, & José M. Rodríguez Llanes.** 2012. “Birds of a Feather: Neanderthal Exploitation of Raptors and Corvids.” *PLoS ONE* (online @ plosone.org) **7** (September): e45927.
- Finlayson, Nonie J., Xiaoli Zhang, & Julie D. Golumb.** 2017. “Differential patterns of 2D location versus depth decoding along the visual hierarchy.” *NeuroImage* **147** (15 February): 507-516.
- Finn, Emily S., Xilin Shen, Dustin Scheinost, Monica D. Rosenberg, Jessica Huang, Marvin M. Chun, Xenophon Papademetris, & R. Todd Constable.** 2015. “Functional connectome fingerprinting: identifying individuals using patterns of brain connectivity.” *Nature Neuroscience* **18** (November): 1664-1671.
- Finn, Roderick Nigel, Jelena Kolarevic, Heidi Kongshaug, & Frank Nilsen.** 2009. “Evolution and differential expression of a vertebrate vitellogenin gene cluster.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (5 January): 2.
- Finn, Roderick Nigel, & Børge A. Kristoffersen.** 2007. “Vertebrate Vitellogenin Gene Duplication in Relation to the ‘3R Hypothesis’: Correlation to the Pelagic Egg and the Oceanic Radiation of Teleosts.” *PLoS ONE* (online @ plosone.org) **2** (January): e169.
- Finnegan, Diarmid A.** 2012. “James Croll, Metaphysical Geologist.” *Notes & Records of the Royal Society* **66** (20 March): 69-88.
- Finnegan, Seth, Kristin Bergmann, John M. Eiler, David S. Jones, David A. Fike, Ian**

- Eisenman, Nigel C. Hughes, Aradhna K. Tripathi, & Woodward W. Fischer.** 2011. "The Magnitude and Duration of Late Ordovician-Early Silurian Glaciation." *Science* **331** (18 February): 903-906.
- Finnegan, Seth, Noel A. Heim, Shanan E. Peters, & Woodward W. Fischer.** 2012. "Climate change and the selective signature of the Late Ordovician mass extinction." *Proceedings of the National Academy of Sciences* **109** (1 May): 6829-6834.
- Finnerty, John R.** 2001. "Cnidarians reveal intermediate stages in the evolution of Hox clusters and axial complexity." *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 608-620.
- . 2003. "The origins of axial patterning in the metazoa: how old is bilateral symmetry?" *International Journal of Developmental Biology* **47** (7/8): 523-529.
- Finnerty, John R., & Mark Q. Martindale.** 1999. "Ancient origins of axial patterning genes: Hox genes and ParaHox genes in the Cnidaria." *Evolution & Development* **1** (July): 16-23.
- Finnerty, John R., Kevin Pang, Pat Burton, Dave Paulson, & Mark Q. Martindale.** 2004. "Origins of Bilateral Symmetry: *Hox* and *Dpp* Expression in a Sea Anemone." *Science* **304** (28 May): 1335-1337.
- Finney, Stanley C., William B. N. Berry, John D. Cooper, Robert L. Ripperdan, Walter C. Sweet, Stephen R. Jacobson, Azzedine Soufiane, Aicha Achab, & Paula J. Noble.** 1999. "Late Ordovician mass extinction: A new perspective from stratigraphic sections in central Nevada." *Geology* **27** (March): 215-218.
- Finnigan, Gregory C., Victor Hanson-Smith, Tom H. Stevens, & Joseph W. Thornton.** 2012. "Evolution of increased complexity in a molecular machine." *Nature* **481** (19 January): 360-364.
- Finocchiaro, Maurice A.** 2009. "Myth 8: That Galileo Was Imprisoned and Tortured for Advocating Copernicanism," in *Numbers* (2009a, 68-78).
- Finocchiaro, Peter.** 2011. "Miss USA contestants: Unevolved?" *Salon.com* 21 June (online text at *salon.com* accessed 6/24/2011).
- Finotelo, Liane F. M., Paulo J. S. Amaral, Julio C. Pieczarka, Edivaldo H. C. de Oliveira, Alcides Pissinati, Michaela Neusser, Stephan Müller, & Cleusa Y. Nagamachi.** 2010. "Chromosome phylogeny of the subfamily Pitheclinae (Platyrrhini, Primates) by classic cytogenetics and chromosome painting." *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **10** (20 June): 189.
- Fins, Joseph J.** 2011. "Neuroethics, Neuroimaging, and Disorders of Consciousness: Promise or Peril?" *Transactions of the American Clinical and Climatological Association* **122**: 336-346.
- Fiore, Jim.** 2006. "The Problem with Gregg Easterbrook, Redux." *Dr. Joan Bushwell's Chimpanzee Refuge* blog for 16 September (online text at *scienceblogs.com/bushwells* accessed 5/26/2014).
- Fiorentino, G., V. Caracuta, L. Calcagnile, M. D'Elia, P. Matthiae, F. Mavelli, & G. Quarta.** 2008. "Third millennium B.C. climate change in Syria highlighted by Carbon stable isotope analysis of ¹⁴C-AMS dated plant remains from Ebla." *Palaeogeography, Palaeoclimatology, Palaeoecology* **266** (27 August): 51-58.
- Fiorentino, John E.** 2008a. "'The Collapse of Intelligent Design?' – Part 1." *NEWSVINE* 22 March posting (online text at *research-investigations.newsvine.com* accessed 6/18/2016).
- . 2008b. "'The Collapse of Intelligent Design?' – Part 2." *NEWSVINE* 12 April posting (online text at *research-investigations.newsvine.com* accessed 6/18/2016).
- . 2008c. "'The Collapse of Intelligent Design?' – Part 3." *NEWSVINE* 13 July posting (online text at *research-investigations.newsvine.com* accessed 6/18/2016).
- Fiorillo, Anthony R., Stephen T. Hasiotis, & Yoshitsugu Kobayashi.** 2014. "Herd structure in Late Cretaceous polar dinosaurs: A remarkable new dinosaur tracksite, Denali National Park, Alaska, USA." *Geology* **42** (August): 719-722.
- Fiorillo, Anthony R., & Ronald S. Tykoski.** 2012. "A new Maastrichtian species of the centrosaurine ceratopsid *Pachyrhinosaurus* from the North Slope of Alaska." *Acta Palaeontologica Polonica* **57** (3): 561-573.

- FIRE.** 2014. “Disinvitation Report 2014: A Disturbing 15-Year Trend.” *Foundation for Individual Rights in Education* article 28 May (online text at www.thefire.org accessed 9/22/2014).
- Fire, Andrew, SiQun Xu, Mary K. Montgomery, Steven A. Kostas, Samuel E. Driver, & Craig C. Mello.** 1998. “Potent and specific interference by double-stranded RNA in *Caenorhabditis elegans*.” *Nature* **391** (19 February): 806-811.
- Firestone, R. B., A. West, J. P. Kennett, L. Becker, T. E. Bunch, Z. S. Revay, P. H. Schultz, T. Belgya, D. J. Kennett, J. M. Erlandson, O. J. Dickenson, A. C. Goodyear, R. S. Harris, G. A. Howard, J. B. Kloosterman, P. Lechter, P. A. Mayewski, J. Montgomery, R. Poreda, T. Darrah, S. S. Que Hee, A. R. Smith, A. Stich, W. Topping, J. H. Wittke, & W. S. Wolbach.** 2007. “Evidence for an extraterrestrial impact 12,900 years ago that contributed to the megafaunal extinctions and the Younger Dryas cooling.” *Proceedings of the National Academy of Sciences* **104** (9 October): 16016-16021.
- Firma, Terry.** 2013. “Conservative Media Claim ‘Persecution’ of Christians in the Military, but Actual Soldiers Call Bullshit.” *Friendly Atheist* posting 12 June (online text at www.patheos.com accessed 8/14/2013).
- . 2014a. “Faith Healer Played a Major Part in the Spread of Ebola in West Africa.” *Friendly Atheist* posting 27 October (online text at www.patheos.com accessed 10/27/2014).
- . 2014b. “Charisma News and Ray Comfort Falsely Imply That Atheists Tried to Stop Christian Singers in a Shopping Mall.” *Friendly Atheist* posting 23 December (online text at www.patheos.com accessed 12/23/2014).
- . 2015. “Christians Have Destroyed Almost All the Mosques in the Central African Republic, an American Fan Cheers Them On.” *Friendly Atheist* posting 20 March (online text at www.patheos.com accessed 3/20/2015).
- Firstman, Bruce.** 1973. “The Relationship of the Chelicerate Arterial System to the Evolution of the Endosternite.” *The Journal of Arachnology* **1** (1): 1-54.
- First Principles.** 2007. “Four U.S. Supreme Court Cases Describing America as a ‘Christian Nation’.” *First Principles Press* posting (online pdf at www.firstprinciplespress.org accessed 6/18/2011).
- Fischbach, Gerald S.** 1992. “Mind and Brain.” *Scientific American* **267** (September): 48-57.
- Fischer, A.** 2010. “Comparison of direct and geodetic mass balances on a multi-annual time scale.” *The Cryosphere* **4**: 1151-1194.
- Fischer, Albrecht, & Adriaan Dorresteijn.** 2004. “The polychaete *Platynereis dumerilii* (Annelida): a laboratory animal with spiralian cleavage, lifelong segment proliferation and a mixed benthic/pelagic life cycle.” *BioEssays* **26** (March): 314-325.
- Fischer, Alfred G., & Lillian T. Roberts.** 1991. “Cyclicality in the Green River Formation (Lacustrine Eocene) of Wyoming.” *Journal of Sedimentary Petrology* **61** (December): 1146-1154.
- Fischer, Andy J., & Thomas A. Reh.** 2001. “Müller glia are a potential source of neural regeneration in the postnatal chicken retina.” *Nature Neuroscience* **4** (March): 1-6.
- . 2003. “Potential of Müller Glia to Become Neurogenic Retinal Progenitor Cells.” *Glia* **43** (July): 70-76.
- Fischer, Barbara, & Philipp Mitteroecker.** 2015. “Covariation between human pelvis shape, stature, and head size alleviates the obstetric dilemma.” *Proceedings of the National Academy of Sciences* **112** (5 May): 5655-5660.
- . 2016. “Reply to Underdown and Oppenheimer: Roles of selection, plasticity, and genetics in the integration of human pelvis shape and head size.” *Proceedings of the National Academy of Sciences* **113** (19 January): E259.
- Fischer, Bryan.** 2010a. “No more taxpayer funding for AIDS research.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 2 December (online text at afa.net accessed 12/8/2010).
- . 2010b. “Democrats: the party for atheists pagans and secular fundamentalists.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 3 December (online text at afa.net accessed 12/8/2010).

- . 2010c. “Republicans: don’t increase the deficit to pay people not to work.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 7 December (online text at *afa.net* accessed 12/8/2010).
- . 2011a. “Can Antonin Scalia read?” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 28 June (online text at *afa.net* accessed 7/27/2011).
- . 2011b. “Freedom From Religion Foundation needs grammar lesson.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 14 July (online text at *afa.net* accessed 7/27/2011).
- . 2011c. “Homosexual bigots new target for hate: Michele Bachmann.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 15 July (online text at *afa.net* accessed 7/27/2011).
- . 2011d. “No longer alone: Herman Cain agrees on banning mosques.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 18 July (online text at *afa.net* accessed 7/27/2011).
- . 2011e. “The Charles Manson of Norway.” American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 25 July (online text at *afa.net* accessed 7/27/2011).
- . 2011f. “Defeating Darwin in four steps – so easy a caveman could do it.” American Family Association *Rightly Concerned* posting 26 August (online text at *afa.net* accessed 3/11/2013).
- . 2013. “Defeating Darwin in four steps.” *RenewAmerica* 6 February posting (online text at *www.renewamerica.com* accessed 3/22/2014).
- . 2014. “Founders knew about evolution, chose intelligent design.” *RenewAmerica* 11 June posting (online text at *www.renewamerica.com* accessed 8/12/2013).
- Fischer, Daniel, & Hilmar Duerbeck**, trans. Helmut Jenker. 1998. *Hubble Revisited: New Images from the Discovery Machine*. New York: Copernicus.
- Fischer, Daniel, & David Eisenberg**. 1999. “Finding families for genomic ORFans.” *Bioinformatics* **22** (1 May): 1031-1035.
- Fischer, Dick**. 2003. “Young-Earth Creationism: A Literal Mistake.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **55** (December): 222-231.
- Fischer, Hanna M., Christopher W. Wheat, David G. Heckel, & Heiko Vogel**. 2008. “Evolutionary Origins of a Novel Host Plant Detoxification Gene in Butterflies.” *Molecular Biology and Evolution* **15** (September): 759-762.
- Fischer, Ilan, Alex Frid, Sebastian J. Georg, Simon A. Levin, Daniel I. Rubenstein, & Reinhard Selten**. 2013. “Fusing enacted and expected mimicry generates a winning strategy that promotes the evolution of cooperation.” *Proceedings of the National Academy of Sciences* **110** (18 June): 10229-10233.
- Fischer, Jason, John G. Mikhael, Joshua B. Tenenbaum, & Nancy Kanwisher**. 2016. “Functional neuroanatomy of intuitive physical inference.” *Proceedings of the National Academy of Sciences* **113** (23 August): E5072-E5081.
- Fischer, Joern, Andre Zerger, Phil Gibbons, Jenny Stott, & Bradley S. Law**. 2010. “Tree decline and the future of Australian farmland biodiversity.” *Proceedings of the National Academy of Sciences* **104** (9 November): 19597-19602.
- Fischer, John Martin, & Benjamin Mitchell-Yellin**. 2016. *Near-Death Experiences: Understanding Visions of the Afterlife*. Oxford: Oxford University Press.
- Fischer, John Michael**. 2012. “Dinosaur bones have been dated by radiocarbon (Carbon-14).” *New Geology* posting (online pdf at *www.newgeology.us* accessed 3/6/2013).
- . 2013. “Debunking Evolution – main points.” *New Geology* posting (online pdf at *www.newgeology.us* accessed 1/29/2014).
- . 2014a. “Debunking Evolution: problems between the theory and reality, the false science of evolution.” *New Geology* posting (online pdf at *www.newgeology.us* accessed 11/12/2014).
- . 2014b. “Seafloor magnetic stripes: look again.” *New Geology* posting (online pdf at

- www.newgeology.us* accessed 6/13/2015).
- Fischer, J. Michael, & Hugh Miller.** 2013. “No Time for Evolution.” *New Geology* 18 October posting (online pdf at *www.newgeology.us* accessed 7/28/2014).
- Fischer, Julia.** 2015. “Birds tune in to sequential information when categorizing their songs.” *Proceedings of the National Academy of Sciences* **112** (10 February): 1658-1659.
- Fischer, Martin H.** 2003. “Cognitive Representation of Negative Numbers.” *Psychological Science* **14** (May): 278-282.
- Fischer, Matthias G.** 2015. “Virophages go nuclear in the marine alga *Bigeloviella natans*.” *Proceedings of the National Academy of Sciences* **112** (22 September): 11750-11751.
- Fischer, Matthias G., Michael J. Allen, William H. Wilson, & Curtis A. Suttle.** 2010. “Giant virus with a remarkable complement of genes infects marine zooplankton.” *Proceedings of the National Academy of Sciences* **104** (9 November): 19508-19513.
- Fischer, Matthias G., & Curtis A. Suttle.** 2011. “A Virophage at the Origin of Large DNA Transposons.” *Science* **332** (8 April): 231-234.
- Fischer, Nicolas, Lutz Riechmann, & Greg Winter.** 2004. “A native-like artificial protein from antisense DNA.” *Protein Engineering Design and Selection (AKA Protein Engineering)* **17** (January): 13-20.
- Fischer, Ronald, Dimitris Xygalatas, Panagiotis Mitkidis, Paul Reddish, Penny Tok, Ivana Konvalinka, & Joseph Bulbulia.** 2014. “The Fire-Walker’s High: Affect and Physiological Responses in an Extreme Collective Ritual.” *PLoS ONE* (online @ plosone.org) **9** (February): e88355.
- Fischer, Stefan, Kenneth W. Olsen, Kwangho Nam, & Martin Karplus.** 2011. “Unsuspected pathway of the allosteric transition in hemoglobin.” *Proceedings of the National Academy of Sciences* **108** (5 April): 5608-5613.
- Fischer, Valentin, Michael W. Maisch, Darren Naish, Ralf Kosma, Jeff Liston, Ulrich Joger, Fritz J. Krüger, Judith Pardo Pérez, Jessica Tainsh, & Robert M. Appleby.** 2012. “New Ophthalmosaurid Ichthyosaurs from the European Lower Cretaceous Demonstrate Extensive Ichthyosaur Survival across the Jurassic–Cretaceous Boundary.” *PLoS ONE* (online @ plosone.org) **7** (January): e29234.
- Fischer, Woodward W.** 2008. “Life before the rise of oxygen.” *Nature* **455** (23 October): 1051-1052.
- . 2016. “Breathing room for early animals.” *Proceedings of the National Academy of Sciences* **113** (16 February): 1686-1688.
- Fischer-Gödde, Mario, & Thorsten Kleine.** 2017. “Ruthenium isotopic evidence for an inner Solar System origin of the late veneer.” *Nature* **541** (26 January): 525-527.
- Fischetti, Mark.** 2011a. “Computers vs. Brains.” *Scientific American* **305** (November): 104.
- . 2011b. “IBM Simulates 4.5 percent of the Human Brain, and All of the Cat Brain.” *Scientific American* (November): online supplemental text accessed 11/2/2011 (*scientificamerican.com*).
- Fischman, Brielle J., S. Hollis Woodard, & Gene E. Robinson.** 2011. “Molecular evolutionary analyses of insect societies.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10847-10854.
- Fiscus, Clayton.** 2013. “House Bill No. 183.” Montana House of Representatives legislative posting (online pdf at *leg.mt.gov* accessed 1/30/2015).
- . 2015. “House Bill No. 321.” Montana House of Representatives legislative posting (online pdf at *leg.mt.gov* accessed 1/30/2015).
- Fish, Jennifer L., Colette Dehay, Henry Kennedy, & Wieland B. Huttner.** 2008. “Making bigger brains—the evolution of neural-progenitor-cell division.” *Journal of Cell Science* **121** (1 September): 2783-2793.
- Fish, Stanley.** 2007. “Advocacy and Teaching.” *The New York Times* “The Opinion Pages” posting 24 March: online text accessed 9/23/2014 (*www.nytimes.com*).
- . 2010. “Does Reason Know What It Is Missing?” *The New York Times Stanley Fish* posting 12 April: online text accessed 9/21/2010 (*opinionator.blogs.nytimes.com*).
- Fish, Steven A., Thomas J. Shepherd, Terry J. McGenity, & William D. Grant.** 2002.

- “Recovery of 16S ribosomal RNA gene fragments from ancient halite.” *Nature* **417** (23 May): 432-436.
- Fisher, Clark, & Winrich A. Freiwald.** 2015. “Whole-agent selectivity within the macaque face-processing system.” *Proceedings of the National Academy of Sciences* **112** (8 December): 14717-14722.
- Fisher, Daniel, & Marcel Méchali.** 2003. “Vertebrate *HoxB* gene expression requires DNA replication.” *The EMBO Journal* **22** (15 July): 3737-3748.
- Fisher, Daniel S.** 2011. “Leading the dog of selection by its mutational nose.” *Proceedings of the National Academy of Sciences* **108** (15 February): 2633-2639.
- Fisher, David A.** 1984. *World History for Christian Schools*. Greenville, SC: Bob Jones University Press.
- Fisher, David E.** 1971. “Incorporation of Ar in East Pacific basalts.” *Earth and Planetary Science Letters* **12** (November): 321-324.
- . 1975. “Trapped helium and argon and the formation at the atmosphere by degassing.” *Nature* **256** (10 July): 113-114.
- Fisher, David N., Stan Boutin, Ben Dantzer, Murray M. Humphries, Jeffrey E. Lane, & Andrew G. McAdam.** 2017. “Multilevel and sex-specific selection on competitive traits in North American red squirrels.” *Evolution* **71** (July): 1841-1854.
- Fisher, Diana O., Christopher R. Dickman, Menna E. Jones, & Simon P. Blomberg.** 2013. “Sperm competition drives the evolution of suicidal reproduction in mammals.” *Proceedings of the National Academy of Sciences* **110** (29 October): 17910-17914.
- Fisher, Harvey I.** 1940. “The Occurrence of Vestigial Claws on the Wings of Birds.” *The American Midland Naturalist* **23** (January): 234-243.
- Fisher, Helen.** 2004. *Why We Love: The Nature and Chemistry of Romantic Love*. New York: Henry Holt & Co.
- Fisher, Kevin.** 2015. “The Village of Eight & the Anchor Stones.” *Revealing God’s Treasure* undated posting (online text at www.arkdiscovery.com accessed 6/7/2015).
- Fisher, Marc, John Woodrow Cox, & Peter Hermann.** 2016. “Pizzagate: From rumor, to hashtag, to gunfire in D.C.” *The Washington Post* posting 6 December: online text accessed 12/9/2016 (www.washingtonpost.com).
- Fisher, Maryanne, Aaron Goetz, Sarah Hill, Daniel Kruger, Richard Michalski, Karol Osipowicz, Steven M. Platek, & Catherine Salmon.** 2009. “Voices from the Field: Current Trends and Experiences in Evolutionary Psychology.” *EvoS Journal* (online @ evostudies.org) **1** (1): 11-33.
- Fisher, Maryanne, Daniel J. Kruger, & Justin R. Garcia.** 2011. “Understanding and Enhancing the Role of the Mass Media in Evolutionary Psychology Education.” *Evolution: Education & Outreach* **4** (March): 75-82.
- Fisher, Max.** 2014. “Iranian news agency says the U.S. is secretly run by Nazi space aliens. Really.” *The Washington Post WorldViews* posting 13 January: online text accessed 2/1/2014 (www.washingtonpost.com).
- Fisher, Michael A., Kara L. McKinley, Luke H. Bradley, Sara R. Viola, & Michael H. Hecht.** 2011. “*De Novo* Designed Proteins from a Library of Artificial Sequences Function in *Escherichia coli* and Enable Cell Growth.” *PLoS ONE* (online @ plosone.org) **6** (January): e15364.
- Fisher, Mischa.** 2013. “The Republican Party Isn’t Really the Anti-Science Party.” *The Atlantic* posting 11 November: online text accessed 1/1/2014 (theatlantic.com).
- Fisher, Nicholas, Roslaine Abd Majid, Thomas Antoine, Mohammed Al-Helal, Ashley J. Warmen, David J. Johnson, Alexandre S. Lawrenson, Hilary Ranson, Paul M. O’Neill, Stephen A. Ward, & Giancarlo A. Biagini.** 2012. “Cytochrome *b* Mutation Y268S Conferring Atovaquone Resistance Phenotype in Malaria Parasite Results in Reduced Parasite *bc1*, Catalytic Turnover and Protein Expression.” *The Journal of Biological Chemistry* **287** (23 March): 9731-9741.
- Fisher, Paul E., Dale E. Russell, Michael K. Stoskopf, Reese E. Barrick, Michael Hammer, & Andrew A. Kuzmitz.** 2000. “Cardiovascular Evidence for an Intermediate or Higher

- Metabolic Rate in an Ornithischian Dinosaur.” *Science* **288** (21 April): 503-505.
- Fisher, Rebecca E., Brent Adrian, Clay Elrod, & Michelle Hicks.** 2008. “The phylogeny of the red panda (*Ailurus fulgens*): evidence from the hindlimb.” *Journal of Anatomy* **213** (November): 607-628.
- Fisher, Rebecca E., Kathleen M. Scott, & Virginia L. Naples.** 2007. “Forelimb Myology of the Pygmy Hippopotamus (*Choeropsis liberiensis*).” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (June): 673-693.
- Fisher, Simon E., & Gary F. Marcus.** 2006. “The eloquent ape: genes, brains and the evolution of language.” *Nature Reviews Genetics* **7** (January): 9-20.
- Fisher, Simon E., & Matt Ridley.** 2013. “Culture, Genes, and the Human Revolution.” *Science* **340** (24 May): 929-930.
- Fishkis, Maya.** 2007. “Steps Towards the Formation of A Protocell: The Possible Role of Short Peptides.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (December): 537-553.
- Fishman, Lila, Alan J. Kelly, Emily Morgan, & John H. Willis.** 2001. “A Genetic Map in the *Mimulus guttatus* Species Complex Reveals Transmission Ratio Distortion due to Heterospecific Interactions.” *Genetics* **159** (December): 1701-1716.
- Fisk, Lanny H., & William J. Fritz.** 1984. “Pseudoborings in Petrified Wood from the ellowstone ‘Fossil Forests’.” *Journal of Paleontology* **82** (January): 58-62.
- Fisk, Martin R., Robert A. Duncan, Alistair N. Baxter, John D. Greenough, Robert B. Hargraves, & Yoshiyuki Tatsumi.** 1989. “Reunion hotspot magma chemistry over the past 65 m.y.: Results from Leg 115 of the Ocean Drilling Program.” *Geology* **17** (October): 934-937.
- Fiske, Richard S., Jiro Naka, Kokichi Lizasa, Makoto Yuasa, & Adam Klaus.** 2001. “Submarine silicic caldera at the front of the Izu-Bonin arc, Japan: Voluminous seafloor eruptions of rhyolite pumice.” *The Geological Society of America GSA Bulletin* **113** (July): 813-824.
- Fitch, David H. A.** 2008. “Darwin’s Evidence: Biogeography.” *New York University* faculty course posting (online text at www.nyu.edu accessed 10/30/2008).
- Fitch, David H. A., & Walter Sudhaus.** 2002. “One small step for worms, one giant leap for ‘Bauplan?’” *Evolution & Development* **4** (July-August): 243-246.
- Fitch, W. Tecumseh.** 2005. “The Evolution of Music in Comparative Perspective.” *Annals of the New York Academy of Sciences* **1060** (September): 1-20.
- . 2008. “Co-evolution of phylogeny and glossogeny: There is no ‘logical problem of language evolution’.” *Behavioral and Brain Sciences* **31** (5): 521-522.
- . 2012. “Segmental structure in banded mongoose calls.” *BMC Biology* (online @ biomedcentral.com) **10** (3 December): 98.
- . 2016. “Sound and meaning in the world’s languages.” *Nature* **539** (3 November): 39-40.
- Fitch, W. Tecumseh, Bart de Boer, Neil Mathur, & Asif A. Ghazanfar.** 2016. “Monkey vocal tracts are speech-ready.” *Science Advances* **2** (9 December): e1600723 (online at sciencemag.org).
- . 2017. “Response to Lieberman on ‘Monkey vocal tracts are speech-ready’.” *Science Advances* **3** (7 July): e1701859 (online at sciencemag.org).
- Fitch, W. Tecumseh, & Marc D. Hauser.** 2004. “Computational Constraints on Syntactic Processing in a Nonhuman Primate.” *Science* **303** (16 January): 377-380.
- Fitch, W. Tecumseh, Ludwig Huber, & Thomas Bugnyar.** 2010. “Social Cognition and the Evolution of Language: Constructing Cognitive Phylogenies.” *Neuron* **65** (25 March): 795-814.
- Fitch, Walter M., & Francisco J. Ayala.** 1994a. “Tempo and mode in evolution.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6717-6720.
- . 1994b. “The superoxide dismutase molecular clock revisited.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6802-6807.
- Fitch, Walter M., & Emanuel Margoliash.** 1967. “Construction of Phylogenetic Trees.” *Science* **155** (20 January): 279-284.

- Fitelson, Branden, Christopher Stephens, & Elliott Sober.** 1999. "How Not to Detect Design—Critical Notice: William A. Dembski, *The Design Inference*." *Philosophy of Science* **66** (September): 472-488.
- Fitschen, Steven W., & Douglas E. Meyers.** 2009. Brief *Amicus Curiae* of The National Legal Foundation (4 February) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via ncse.com/creationism/legal/acsi-v-stearns accessed 10/25/2010).
- Fitzgerald, Brian.** 2002. "Archaeology professor debunks claims for ancient rock structures as pseudoscientific fallacy." Boston University *B.U. Bridge* 1 February posting (online text at www.bu.edu/bridge accessed 11/23/2014).
- Fitzgerald, Erich M. G.** 2006. "A bizarre new toothed mysticete (Cetacea) from Australia and the early evolution of baleen whales." *Proceedings of the Royal Society of London B* (Biological Sciences) **273** (7 December): 2955-2963.
- . 2010. "The morphology and systematics of *Mammalodon colliveri* (Cetacea: Mysticeti), a toothed mysticete from the Oligocene of Australia." *Zoological Journal of the Linnean Society* **158** (February): 367-476.
- Fitzgerald, Jonathan D.** 2011a. "Marvin Olasky Has 'Jumped The Shark'." *Patrol—A review of religion and the modern world* 7 July posting (online text at www.patrolmag.com accessed 8/30/2013).
- . 2011b. "The Suppression of Sin in Evangelical Abolitionism: The Wilberforce Problem." *Religion Dispatches* 29 July posting (online text at religiondispatches.org accessed 7/30/2011).
- . 2012. "Christian Media Battle Over Controversial Figure." *Religion Dispatches* 30 September (online text at religiondispatches.org accessed 10/6/2012).
- Fitzhugh, J. Kirk.** 2009a. "Evolutionary Biology versus Intelligent Design: Resolving the Issue" *Natural History Museum of Los Angeles County* posting (online pdf at www.nhm.org accessed 11/3/2013).
- . 2009b. "The Mechanics of Testing a Theory: Implications for Intelligent Design" *Natural History Museum of Los Angeles County* posting (online pdf at www.nhm.org accessed 11/3/2013).
- FitzJohn, Richard G., Wayne P. Maddison, & Sarah P. Otto.** 2009. "Estimating Trait-Dependent Speciation and Extinction Rates from Incompletely Resolved Phylogenies." *Systematic Biology* **58** (December): 595-611.
- Fitzpatrick, B. M., J. A. Fordyce, & S. Gavrillets.** 2008. "What, if anything, is sympatric speciation?" *Journal of Evolutionary Biology* **21** (November): 1452-1459.
- Fitzpatrick, David A., Christopher J. Creevey, & James O. McInerney.** 2006. "Genome Phylogenies Indicate a Meaningful α -Proteobacterial Phylogeny and Support a Grouping of the Mitochondria with the Rickettsiales." *Molecular Biology and Evolution* **23** (January): 74-85.
- Fitzpatrick, Michael.** 2010. "Questioning science isn't blasphemy." *New Scientist* (21 May): online text accessed 5/26/2010 (newscientist.com).
- Fixed Point Foundation.** 2011. "About the Conference." *In The Beginning: a conference on the days of creation* Birmingham, Alabama (15-18 June) posting (online text at www.fixed-point.org accessed 7/20/2014).
- Fize, Denis, Maxime Cauchoux, & Michèle Fabre-Thorpe.** 2011. "Humans and monkeys share visual representations." *Proceedings of the National Academy of Sciences* **108** (3 May): 7635-7640.
- Flaccus, Gillian.** 2012a. "Suit: NASA specialist axed over intelligent design." Cybercast (formerly Conservative) New Service *CNSnews* reposting of 11 March Associated Press article (online text at cnsnews.com accessed 12/3/2012).
- . 2012b. "Suit alleges dismissal for intelligent design." *The Washington Times* posting 12 March of Associated Press article: online text accessed 4/4/2012 (www.washingtontimes.com).
- . 2012c. "Suit: NASA specialist axed over intelligent design." Cybercast (formerly Conservative) New Service *CNSnews* reposting of 12 March Associated Press article

- (online text at *cnsnews.com* accessed 12/3/2012).
- . 2012d. “Former Employee Says NASA Dismissed Him Because He Supports Intelligent Design.” Cybercast (formerly Conservative) New Service *CNSnews* reposting of 12 March Associated Press article (online text at *cnsnews.com* accessed 12/3/2012).
- . 2012e. “Ex-NASA worker: Firing was over intelligent design.” Cybercast (formerly Conservative) New Service *CNSnews* reposting of 16 April Associated Press article (online text at *cnsnews.com* accessed 12/3/2012).
- . 2013. “Atheist ‘Mega-Churches’ Take Root.” *U-T San Diego* 11 November Associated Press article (online text at *www.utsandiego.com* accessed 11/19/2013).
- Flagel, Shelly B., Sraboni Chaudhury, Maria Waselus, Rebeca Kelly, Salima Sewani, Sarah M. Clinton, Robert C. Thompson, Stanley J. Watson Jr., & Huda Akil.** 2016. “Genetic background and epigenetic modifications in the core nucleus accumbens predict addiction-like behavior in a rat model.” *Proceedings of the National Academy of Sciences* **113** (17 May): E2861-E2870.
- Flagel, Shelly B., Jeremy J. Clark, Terry E. Robinson, Leah Mayo, Alayna Czuj, Ingo Willuhn, Christina A. Akers, Sarah M. Clinton, Paul E. M. Phillips, & Huda Akil.** 2011. “A selective role for dopamine in stimulus-reward learning.” *Nature* **469** (6 January): 53-57.
- Flaherty, Colleen.** 2013. “Taking a Stand for Science.” *Inside Higher Ed* 1 August posting (online text at *www.insidehighered.com* accessed 3/4/2013).
- . 2014. “Extra-Credit Creationism?” *Inside Higher Ed* 26 November posting (online text at *www.insidehighered.com* accessed 11/30/2014).
- . 2016. “A Creationist’s Victory.” *Inside Higher Ed* 7 October posting (online text at *www.insidehighered.com* accessed 11/7/2016).
- Flaherty, Elizabeth A., Merav Ben-David, & Winston P. Smith.** 2010. “Quadrupedal locomotor performance in two species of arboreal squirrels: predicting energy savings of gliding.” *Journal of Comparative Physiology B* (Biochemical, Systems, and Environmental Physiology) **180** (October): 1067-1078.
- Flajnik, Martin F.** 2004. “Another manifestation of GOD.” *Nature* **430** (8 July): 157-158.
- . 2014. “Re-evaluation of the Immunological Big Bang.” *Current Biology* **21** (3 November): R1060-R1065.
- Flajnik, Martin F., & Masanori Kasahara.** 2010. “Origin and evolution of the adaptive immune system: genetic events and selective pressures.” *Nature Reviews Genetics* **11** (January): 47-59.
- Flake, Robert H., & Verne Grant.** 1974. “An Analysis of the Cost-of-Selection Concept.” *Proceedings of the National Academy of Sciences* **71** (1 September): 3716-3720.
- Flam, Faye.** 1994a. “Hints of a Language in Junk DNA.” *Science* **266** (25 November): 1320.
- . 1994b. “Theorists Make a Bid to Eliminate Black Holes.” *Science* **266** (23 December): 1945.
- . 2011a. “Severing the link between Darwin and Nazism.” *Planet of the Apes* 24 October blog posting (online text at *www.philly.com* accessed 2/23/2012).
- . 2011b. “I Get Spanked by Creationists for Accepting Reality and being a ‘Darwinist’.” *Planet of the Apes* 27 October blog posting (online text at *www.philly.com* accessed 2/23/2012).
- Flament, Nicolas, Nicolas Coltice, & Patrice F. Rey.** 2008. “A case for late-Archaeon continental emergence from thermal evolution models and hypsometry.” *Earth and Planetary Science Letters* **275** (15 November): 326-336.
- Flammang, Brooke E., Apinun Suvarnaraksha, Julie Markiewicz, & Daphne Soares.** 2016. “Tetrapod-like pelvic girdle in a walking cavefish.” *Scientific Reports* (online @ *www.nature.com/srep/*) **6** (24 March): 23711.
- Flanagan, Owen.** 2009. “‘Can do’ attitudes: Some positive illusions are not misbeliefs.” *Behavioral and Brain Sciences* **32** (6): 519-520.
- Flank, Lenny.** 1999. “‘Dr’ Hovind, ‘Created Kinds’, and his \$250,000 ‘Reward’...” *Cape Canaveral* undated posting (online text at *www.geocities.com/CapeCanaveral/* accessed

- 7/23/2002, not available as of 1/16/2014).
- . 2006a. “The Kansas Kangaroo Kourt.” *Creation Science Debunked* 6 February posting (online text at www.geocities.com/lflank/ accessed 4/26/2006, not available as of 5/6/2014).
- . 2006b. “A History of the Intelligent Design Movement.” *Talk Reason* 25 April posting (online text at talkreason.org accessed 4/26/2006).
- Flannagan, Matthew.** 2009. “Sunday study: Slavery, John Locke and the Bible.” *MandM* 28 June posting (online text at www.mandm.org.nz accessed 9/21/2012).
- . 2013. “The Euthyphro Dilemma.” *Christian Research Journal* **36** (1) article JAF4361 19 February 2014 posting (online text at equip.org accessed 3/21/2014).
- Flannery, Michael A.** 2008. “Science or Monkey Business?: A Review of Roy Davies’ The Darwin Conspiracy.” *Uncommon Descent* 1 August posting (online text at www.uncommondescent.org accessed 12/10/2009).
- . 2009a. “Darwin’s ‘Sacred’ Cause: How Opposing Slavery Could Still Enslave.” *Uncommon Descent* 16 February posting (online text at www.uncommondescent.org accessed 7/26/2012).
- . 2009b. “The Darwin Myth by Benjamin Wiker is a Must Read!” *Uncommon Descent* 7 June posting (online text at www.uncommondescent.org accessed 7/20/2009).
- . 2009c. “The Darwin Myth Removes the Façade and Reveals the Man.” Discovery Institute *Evolution News & Views* for 10 December (online text at evolutionnews.org accessed 2/25/2012).
- . 2010. “Gould’s Fatal Flaw: The Thirtieth Anniversary of Wallace’s Encounter with Darwinian Newspeak.” Discovery Institute *Evolution News & Views* for 8 January (online text at evolutionnews.org accessed 2/25/2012).
- . 2011a. *Alfred Russel Wallace: A Rediscovered Life*. Seattle, WA: Discovery Institute Press.
- . 2011b. “A One Hundred Year-Old Challenge.” Discovery Institute *Evolution News & Views* for 25 January (online text at evolutionnews.org accessed 9/3/2011).
- . 2011c. “Wallace Gets ‘Darwinized’.” Discovery Institute *Evolution News & Views* for 1 March (online text at evolutionnews.org accessed 2/24/2012).
- . 2011d. “The Role of Creation in Science: The Real Story, a Breath of Fresh Air.” Discovery Institute *Evolution News & Views* for 2 July (online text at evolutionnews.org accessed 2/24/2012).
- . 2011e. “Darwinian Evolution: A Scientific Pip-Squeak in a Suit of Cultural Armor.” Discovery Institute *Evolution News & Views* for 7 July (online text at evolutionnews.org accessed 2/23/2012).
- . 2011f. “How Was Darwin’s Theory Accepted? The Curious History of a Secular Creation Myth, or, Darwin’s Cultural Armor, pt 2.” Discovery Institute *Evolution News & Views* for 27 July (online text at evolutionnews.org accessed 2/23/2012).
- . 2011g. “American Eugenics on the Eve of Nazi Expansion.” Discovery Institute *Evolution News & Views* for 18 October (online text at evolutionnews.org accessed 2/23/2012).
- . 2012a. “Hyper-evolutionism, Scientism, and the Mythical Wallace of Michael Shermer.” Discovery Institute *Evolution News & Views* for 25 January (online text at evolutionnews.org accessed 1/30/2012).
- . 2012b. “A New Study of James Clerk Maxwell Attempts to Defend His Design Argument at the Expense of Intelligent Design.” Discovery Institute *Evolution News & Views* 21 March posting (online text at evolutionnews.org accessed 5/23/2014).
- . 2012c. “Thomas Cudworth on the ‘Wesleyan Maneuver’: A View from the Pew.” *Uncommon Descent* 3 June (online text at www.uncommondescent.org accessed 4/21/2013).
- . 2012d. “Paul Johnson’s *Darwin*: A Review.” Discovery Institute *Evolution News & Views* for 23 October (online text at evolutionnews.org accessed 12/12/2012).
- . 2012e. “Let’s Not Be So Quick to Dismiss Paul Johnson’s *Darwin*.” Discovery Institute *Evolution News & Views* for 2 December (online text at evolutionnews.org accessed 12/12/2012).
- . 2012f. “Darwinism and Stalinism.” Discovery Institute *Evolution News & Views* for 12

- December (online text at *evolutionnews.org* accessed 12/12/2012).
- . 2013a. “Why Darwin Is Remembered More than Wallace.” Discovery Institute *Evolution News & Views* for 5 March (online text at *evolutionnews.org* accessed 3/6/2013).
- . 2013b. “What *Would* a World Without Darwin Look Like?” Discovery Institute *Evolution News & Views* for 8 April (online text at *evolutionnews.org* accessed 4/11/2013).
- . 2013c. “More on *Darwin Deleted: What Is Bowler’s Beef?*” Discovery Institute *Evolution News & Views* for 17 April (online text at *evolutionnews.org* accessed 4/21/2013).
- . 2013d. “Richard Weikart Makes the Definitive Case for the Nazi/Darwinism Connection.” Discovery Institute *Evolution News & Views* for 3 November (online text at *evolutionnews.org* accessed 4/21/2013).
- . 2014a. “Writing in *First Things*, Stephen Meredith Offers Confusion in the Guise of Critique.” Discovery Institute *Evolution News & Views* for 16 January (online text at *evolutionnews.org* accessed 1/29/2014).
- . 2014b. “Critiquing Intelligent Design in *First Things*, Stephen Meredith Seeks to Serve Two Masters.” Discovery Institute *Evolution News & Views* for 18 January (online text at *evolutionnews.org* accessed 1/29/2014).
- . 2014c. “Women and the Great Darwinian Divide.” Discovery Institute *Evolution News & Views* for 15 June (online text at *evolutionnews.org* accessed 6/18/2014).
- . 2014d. “Women, Wallace, Evolution, and Eugenics.” Discovery Institute *Evolution News & Views* for 16 June (online text at *evolutionnews.org* accessed 6/18/2014).
- . 2014e. “New Book ‘Rescues’ Alfred Russel Wallace—by Refashioning Him in Darwin’s Image.” Discovery Institute *Evolution News & Views* for 23 July (online text at *evolutionnews.org* accessed 7/30/2014).
- . 2014f. “Coming to Grips with the Truth About Social Darwinism.” Discovery Institute *Evolution News & Views* for 22 August (online text at *evolutionnews.org* accessed 8/27/2014).
- . 2014g. “Mission Impossible: Trying to Explain the Feather Without Teleology.” Discovery Institute *Evolution News & Views* for 25 November (online text at *evolutionnews.org* accessed 12/1/2014).
- . 2015a. “Theologically Speaking, What Intelligent Design Is and What It Isn’t.” *Discovery Institute Center for Science & Culture Faith and Science News* 12 January (online text at *discovery.org* accessed 1/22/2015).
- . 2015b. “The Death of Darwin.” *Discovery Institute Center for Science & Culture Faith and Science News* 2 June (online text at *discovery.org* accessed 6/4/2015).
- . 2015c. “Was Darwin a Scholar or a Pitchman?” Discovery Institute *Evolution News & Views* for 20 October (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2016a. “Intelligent Design Is Older Than You Think—A Lot Older.” Discovery Institute *Evolution News & Views* for 4 January (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016b. “A Grave Matter: Richard Weikart on Humanity’s Life or Death Struggle.” Discovery Institute *Evolution News & Views* for 4 April (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016c. “Darwin’s Theory of Evolution—or Patrick Matthew’s?” Discovery Institute *Evolution News & Views* for 5 May (online text at *evolutionnews.org* accessed 5/12/2016).
- . 2016d. “Debating Weikart, Peter Singer and Susan Blackmore Omit Atheism’s Glaring Contradictions.” Discovery Institute *Evolution News & Views* for 12 May (online text at *evolutionnews.org* accessed 5/12/2016).
- . 2017. “Darwin and the end of providence: the role of chance in evolution.” *Metascience* 26 (March): 145-148.
- Flannery, Timothy F.** 1999. “Debating Extinction.” *Science* 283 (8 January): 182-183.
- Flannery, Timothy F., Michael Archer, Thomas H. Rich, & Robert Jones.** 1995. “A new family of monotremes from the Cretaceous of Australia.” *Nature* 377 (5 October): 418-420.
- Flannery, Tom.** 2001. “Teaching Evolution’s Untruths.” Amy Foundation *Real Answers* posting (online text at *www.amyfound.org* accessed 1/29/2002).

- . 2012. “The Left’s War on Science.” *WorldNetDaily* (1 April): online text accessed 1/3/2014 (wnd.com).
- Flatt, Thomas.** 2009. “Diet and longevity in the balance.” *Nature* **462** (24 December): 989-990.
- Flaugh, Keith O.** 2015a. “Examples Of Acceptable/Proven K-12 Standards And Corresponding Curriculum.” *Florida Citizens’ Alliance* undated posting (online text at floridacitizensalliance.com accessed 1/1/2016).
- . 2015b. “Modern World History, 9th Grade Teacher Edition Year: 2013.” *Florida Citizens’ Alliance* 15 December posting (online text at floridacitizensalliance.com accessed 1/1/2016).
- . 2015c. “Florida History: People And Nations.” *Florida Citizens’ Alliance* 22 December posting (online text at floridacitizensalliance.com accessed 1/1/2016).
- . 2017. Collier County, Florida 8 February affidavit 2. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Flavell, Andrew J.** 1999. “Long terminal repeat retrotransposons jump between species.” *Proceedings of the National Academy of Sciences* **96** (26 October): 12211-12212.
- Fleagle, John G., & Christopher C. Gilbert.** 2006. “The Biogeography of Primate Evolution: The Role of Plate Tectonics, Climate and Chance,” in Lehman & Fleagle (2006, 375-418).
- Fleck, Jessica I., Deborah L. Green, Jennifer L. Stevenson, Lisa Payne, Edward M. Bowden, Mark Jung-Beeman, & John Kounios.** 2008. “The transliminal brain at rest: Baseline EEG, unusual experiences, and access to unconscious mental activity.” *Cortex* **44** (November-December): 1353-1363.
- Flegr, Jaroslav.** 2009. “A Possible Role of Intracellular Isoelectric Focusing in the Evolution of Eukaryotic Cells and Multicellular Organisms.” *Journal of Molecular Evolution* **69** (November): 444-451.
- Fleischer, Robert C.** 2011. “Ladies and gents: Maternally inherited DNA and ancient honeyguide host races.” *Proceedings of the National Academy of Sciences* **108** (1 November): 17859-17860.
- Fleischmann, Albert.** 1933. “The Doctrine of Organic Evolution in the Light of Modern Research.” *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **65**: 194-209.
- Fleischmann, Tobias T., Lars B. Scharff, Sibah Alkatib, Sebastian Hasdorf, Mark A. Schöttler, & Ralph Bock.** 2011. “Nonessential Plastid-Encoded Ribosomal Proteins in Tobacco: A Developmental Role for Plastid Translation and Implications for Reductive Genome Evolution.” *The Plant Cell* **23** (September): 3137-3155.
- Flematti, Gavin R., Kingsley W. Dixon, & Steven M. Smith.** 2015. “What are karrikins and how were they ‘discovered’ by plants?” *BMC Biology* (online @ biomedcentral.com) **13** (21 December): 108.
- Fleming, Angeleen, Roger J. Keynes, & David Tannahill.** 2001. “The role of the notochord in vertebrate column formation.” *Journal of Anatomy* **199** (July): 177-180.
- Fleming, Daniel E.** 2015. “Living by Livestock in Israel’s Exodus: Explaining Origins over Distance,” in Levy *et al.* (2015a, 483-491).
- Fleming, Stephen M., Charlotte L. Thomas, & Raymond J. Dolan.** 2010. “Overcoming status quo bias in the human brain.” *Proceedings of the National Academy of Sciences* **107** (30 March): 6005-6009.
- Fleming, Stephen M., Rimona S. Weil, Zoltan Nagy, Raymond J. Dolan, & Geraint Rees.** 2010. “Relating Introspection Accuracy to Individual Differences in Brain Structure.” *Science* **329** (17 September): 1541-1543.
- Fleming, Theodore H., Cullen Geiselman, & W. John Kress.** 2009. “The evolution of bat pollination: a phylogenetic perspective.” *Annals of Botany* **104** (November): 1017-1043.
- Fletcher, G. L., I. M. Stainer, & W. N. Holmes.** 1967. “Sequential changes in the adenosinetriphosphatase activity and the electrolyte excretory capacity of the nasal gland of the duck (*Anas platyrhynchos*) during the period of adaptation to hypertonic saline.” *The Journal of Experimental Biology* **47** (December): 375-391.
- Fletcher, Michael A.** 2002. “Teaching Alternative To Evolution Backed: Ohio Lawmakers Cite

- Reform Legislation.” *The Washington Post* posting 29 May: online text accessed 6/14/2002 (www.washingtonpost.com).
- Fletcher, Sara E. Mikaloff.** 2017. “Ocean circulation drove increase in CO₂ uptake.” *Nature* **542** (9 February): 169-170.
- Fleuret, François, Ting Li, Charles Dubout, Emma K. Wampler, Steven Yantis, & Donald Geman.** 2011. “Comparing machines and humans on a visual categorization test.” *Proceedings of the National Academy of Sciences* **108** (25 October): 17621-17625.
- Flew, Antony, & Gary Habermas.** 2004. “My Pilgrimage from Atheism to Theism.” *Philosophia Christi* **6** (2): 197-213.
- Flew, Antony, with Roy Abraham Varghese.** 2007. *There Is A God: How the World’s Most Notorious Atheist Changed His Mind*. New York: HarperOne (HarperCollins).
- Flindt, Max H., & Otto O. Binder.** 1974. *Mankind—Child of the Stars*. Greenwich, CT: Fawcett Gold Medal Books.
- Flinker, Adeen, Anna Korzeniewska, Avgusta Y. Shestyuk, Piotr J. Franaszczuk, Nina F. Dronkers, Robert T. Knight, & Nathan E. Crone.** 2015. “Redefining the role of Broca’s area in speech.” *Proceedings of the National Academy of Sciences* **112** (3 March): 2871-2875.
- Flipse, Abraham C.** 2012. “The Origins of Creationism in the Netherlands: The Evolution Debate among Twentieth-Century Dutch Neo-Calvinists.” *Church History* **81** (March): 104-147.
- Flockhart, D. T. Tyler, Leonard I. Wassenaar, Tara G. Martin, Keith A. Hobson, Michael B. Wunder, & D. Ryan Norris.** 2013. “Tracking multi-generational colonization of the breeding grounds by monarch butterflies in eastern North America.” *Proceedings of the Royal Society of London B (Biological Sciences)* **280** (7 October): 20131087.
- Flohr, Régis C. E., Carsten J. Blom, Paul B. Rainey, & Hubertus J. E. Beaumont.** 2013. “Founder niche constrains evolutionary adaptive radiation.” *Proceedings of the National Academy of Sciences* **110** (17 December): 20663-20668.
- Flohr, S., R. Protsch von Zeiten, & A. von Berg.** 2004. “Morphological Analysis of the Neanderthal Calotte from Ochtendung, Germany.” *Human Evolution* **19** (January): 1-18.
- Flombaum, Jonathan I., & Laurie R. Santos.** 2005. “Rhesus Monkeys Attribute Perceptions to Others.” *Current Biology* **15** (8 March): 447-452.
- Floreano, Dario, Sara Mitri, Stéphane Magnenat, & Laurent Keller.** 2007. “Evolutionary Conditions for the Emergence of Communications in Robots.” *Current Biology* **17** (20 March): 514-519.
- Florensa, Clara.** 2013. “Breaking the silence: Palaeontology and evolution in *La Vanguardia Española* (1939-1975).” *Dynamis* **33** (2): 297-320.
- Flores, Margarita, Patrick Mavingui, Xavier Perret, William J. Broughton, David Romero, Georgina Hernández, Guillermo Dávila, & Rafael Palacios.** 2000. “Prediction, identification, and artificial selection of DNA rearrangements in *Rhizobium*: Toward a natural genomic design.” *Proceedings of the National Academy of Sciences* **97** (1 August): 9138-9143.
- Flores, Romeo M., & Samuel Y. Johnson.** 1995. “Sedimentology and lithofacies of the Eocene Skookumchuck Formation in the Centralia coal mine, southwest Washington,” in Fritsche (1995, 274-290).
- Flores, Romeo M., & Sanford S. Kaplan,** eds. 1985. *Cenozoic Paleogeography of the West-Central United States*. Denver, CO: The Rocky Mountain Section SEPM (Society for Sedimentary Geology).
- Florian, Meghan.** 2013. “Deception, Doubt and Divinity (School).” *Religion Dispatches* 27 September posting (online text at religiondispatches.org accessed 10/1/2013).
- Florida Citizens Alliance.** 2017. “Affidavits Of Testimonies Regarding Objectionable Materials in Curriculum.” *Florida Citizens Alliance* posting (online text at floridacitizensalliance.com accessed 4/27/2017).
- Florida Family Policy Council.** 2011. “Science Curriculum.” *Florida Family Policy Council* posting (online text at www.flfamily.org accessed 4/6/2014).

- Florida Senate*. 2008. "BILL ANALYSIS AND FISCAL IMPACT STATEMENT." *The Florida Senate* 26 March Education Pre-K-12 Committee staff posting (online pdf at www.flsenate.org via web.archive.org accessed 4/6/2014).
- Floridi, Luciano**. 2009. "Logical fallacies as informational shortcuts." *Synthese* **167** (March): 317-325.
- Florien, Daniel**. 2009. "A Conversation With WhoIsYourCreator.com." *Unreasonable Faith* posting 13 June (online text at unreasonablefaith.com accessed 5/14/2011).
- Florio, Marta, Mareike Albert, Elena Taverna, Takashi Namba, Holger Brandl, Eric Lewitus, Christiane Haffner, Alex Sykes, Fong Kuan Wong, Jula Peters, Elaine Guhr, Sylvia Klemroth, Kay Prüfer, Janet Kelso, Ronald Naumann, Ina Nüsslein, Andreas Dahl, Robert Lachmann, Svante Pääbo, & Wieland B. Huttner**. 2015. "Human-specific gene *ARHGAP11B* promotes basal progenitor amplification and neocortex expansion." *Science* **347** (27 March): 1465-1470.
- Florio, Marta, Takashi Namba, Svante Pääbo, Michael Hiller, & Wieland B. Huttner**. 2016. "A single splice site mutation in human-specific *ARHGAP11B* causes basal progenitor amplification." *Science Advances* **2** (7 December): e1601941 (online at sciencemag.org).
- Floris, Romina, Bruna Scaggiante, Giorgio Manzini, Franco Quadrifoglio, & Luigi E. Xodo**. 1999. "Effect of cations on purine•purine•pyrimidine triple helix formation in mixed-valence salt solutions." *European Journal of Biochemistry* **260** (March, No. 3): 801-809.
- Flot, Jean-François, Boris Hespels, Xiang Li, Benjamin Noel, Irina Arkhipova, Etienne G. C. Danchin, Andreas Hejnol, Bernard Henrissat, Romain Koszul, Jean-Marc Aury, Valérie Barbe, Roxane-Marie Barthélémy, Jens Bast, Georgii A. Bazykin, Olivier Chabrol, Arnaud Couloux, Martine Da Rocha, Corinne Da Silva, Eugene Gladyshev, Philippe Gouret, Oskar Hallatschek, Bette Hecox-Lea, Karine Labadie, Benjamin Lejeune, Oliver Piskurek, Julie Poulain, Fernando Rodriguez, Joseph F. Ryan, Olga A. Vakhrusheva, Eric Wajnberg, Bénédicte Wirth, Irina Yushenova, Manolis Kellis, Alexey S. Kondrashov, David B. Mark Welch, Pierre Pontarotti, Jean Weissenbach, Patrick Wincker, Olivier Jaillon, & Karine Van Doninck**. 2013. "Genomic evidence for ameiotic evolution in the bdelloid rotifer *Adineta vaga*." *Nature* **500** (22 August): 453-457.
- Floudas, Dimitrios, Manfred Binder, Robert Riley, Kerrie Barry, Robert A. Blanchette, Bernard Henrissat, Angel T. Martínez, Robert Otilar, Joseph W. Spatafora, Jagjit S. Yadav, Andrea Aerts, Isabelle Benoit, Alex Boyd, Alexis Carlson, Alex Copeland, Pedro M. Coutinho, Ronald P. de Vries, Patricia Ferreira, Keisha Findley, Brian Foster, Jill Gaskell, Dylan Glotzer, Pawel Górecki, Joseph Heitman, Cedar Hesse, Chiaki Hori, Kiyohiko Igarashi, Joel A. Jurgens, Nathan Kallen, Phil Kersten, Annegret Kohler, Ursula Kües, T. K. Arun Kumar, Alan Kuo, Kurt LaButti, Luis F. Larrondo, Erika Lindquist, Albee Ling, Vincent Lombard, Susan Lucas, Taina Lundell, Rachel Martin, David J. McLaughlin, Ingo Morgenstern, Emanuelle Morin, Claude Murat, Laszlo G. Nagy, Matt Nolan, Robin A. Ohm, Aleksandrina Patyshakuliyeva, Antonis Rokas, Francisco J. Ruiz-Dueñas, Grzegorz Sabat, Asaf Salamov, Masahiro Samejima, Jeremy Schmutz, Jason C. Slot, Franz St. John, Jan Stenlid, Hui Sun, Sheng Sun, Khajamohiddin Syed, Adrian Tsang, Ad Weibenga, Darcy Young, Antonio Pisabarro, Daniel C. Eastwood, Francis Martin, Dan Cullen, Igor V. Grigoriev, & David S. Hibbett**. 2012. "The Paleozoic Origin of Enzymatic Lignin Decomposition Reconstructed from 31 Fungal Genomes." *Science* **336** (29 June): 1715-1719.
- Flowers, Rebecca M.** 2010. "The enigmatic rise of the Colorado Plateau." *Geology* **38** (July): 671-672.
- Flowers, R. M., & K. A. Farley**. 2012. "Apatite $^4\text{He}/^3\text{He}$ and (U-Th)/He Evidence for an Ancient Grand Canyon." *Science* **338** (21 December): 1616-1619.
- . 2013. "Response to Comments on 'Apatite $^4\text{He}/^3\text{He}$ and (U-Th)/He Evidence for an Ancient Grand Canyon'." *Science* **340** (12 April): 143.
- Flowers, R. M., B. P. Wernicke, & K. A. Farley**. 2008. "Unroofing, incision, and uplift history of the southwestern Colorado Plateau from apatite (U-Th)/He thermochronometry." *The*

- Geological Society of America *GSA Bulletin* **120** (May): 571-587.
- Flowers, Timothy J., & Timothy D. Colmer.** 2015. "Plant salt tolerance: adaptations in halophytes." *Annals of Botany* **115** (February): 327-331.
- Flowers, Timothy J., Hanaa K. Galal., & Lindell Bromham.** 2010. "Evolution of halophytes: multiple origins of salt tolerance." *Functional Plant Biology* **37** (7): 604-612.
- Floyd, Sandra K., Veronica T. Lerner, & William E. Friedman.** 1999. "A developmental and evolutionary analysis of embryology in *Platanus* (platanaceae), abasal eudicot." *American Journal of Botany* **86** (November): 1523-1537.
- Fluehr-Lobban, Carolyn.** 2011. "The Hive as Superorganism, Keith Delaplane." Rhode Island Beekeepers Association *Newsletter* **3** (Winter): 1, 3-4.
- Flynn, John.** 2000. "Digging Into the Past." *National Geographic* **198** (August): 46-51.
- Flynn, John J., J. Michael Parrish, Berthe Rakotosamimanana, William F. Simpson, Robin L. Whatley, & André R. Wyss.** 1999. "A Triassic Fauna from Madagascar, Including Early Dinosaurs." *Science* **286** (22 October): 763-765.
- Flynn, John J., J. Michael Parrish, Berthe Rakotosamimanana, William F. Simpson, & André R. Wyss.** 1999. "A Middle Jurassic mammal from Madagascar." *Nature* **401** (2 September): 57-60.
- Flynn, John J., & André R. Wyss.** 1998. "Recent advances in South American mammalian paleontology." *Trends in Ecology & Evolution* **13** (November): 449-454.
- . 2002. "Madagascar's Mesozoic Secrets." *Scientific American* **286** (February): 54-58, 60-63.
- Flynn, Rachel Litman, Richard C. Centore, Roderick J. O'Sullivan, Rekha Rai, Alice Tse, Zhou Songyang, Sandy Chang, Jan Karlseder, & Lee Zou.** 2011. "TERRA and hnRNPA1 orchestrate an RPA-to-POT1 switch on telomeric single-stranded DNA." *Nature* **471** (24 March): 532-536.
- Flynn, Tom.** 1999. "But They Do Overlap." *Free Inquiry* **19** (Fall): 69.
- . 2011a. "Humanist Chaplains in the Military: A Bridge Too Close?" *Free Inquiry* **31** (October/November): 4-7.
- . 2011b. "America's Peculiar Piety: Why Did Mormonism Grow? Why Does It Endure?" *Free Inquiry* **31** (October/November): 21.
- . 2011c. "Obadiah Dogberry: Mormonism's First Critic." *Free Inquiry* **31** (October/November): 30-31.
- Foard, James M.** 1996. "Edward Blyth and Natural Selection." *The Darwin Papers* posting (online text at www.thedarwinpapers.com accessed 12/31/2013).
- . 2009. "Who really opposed Darwin? Popular belief has it back to front ... Holy War?" *Creation Ministries International* posting 3 June (online text at creation.mobi accessed 6/1/2014).
- Focus on the Family.* 2001. "Homosexuality: Why Change Is Possible." *Focus on the Family* product listing of audio cassette by Robert Spitzer & Joseph Nicolosi (online text at www.family.org accessed 9/24/2001).
- Fodor, Jerry, & Massimo Piatelli-Palmarini.** 2010a. *What Darwin Got Wrong*. New York: Farrar, Straus & Giroux.
- . 2010b. "Survival of the fittest theory: Darwinism's limits." *New Scientist* (3 February): online text accessed 1/3/2016 (newscientist.com).
- . 2010c. "'Misunderstanding Darwin': An Exchange." *Boston Review* **35** (17 March posting): online text accessed 4/16/2010 (bostonreview.net).
- Fodor, R. V., & Jörn Thiede.** 1977. "21. Volcanic Breccia From DSDP Site 357: Implications for the Composition and Origin of the Rio Grande Rise." *Deep Sea Drilling Project Initial Reports* **39** (August): 537-543.
- Foer, Franklin.** 2001. "Grover Norquist's Strange Alliance With Radical Islam." *Free Republic* 11 November posting (online text at www.freerepublic.com accessed 11/23/2011).
- Fogel, Robert William.** 1989. *Without Consent or Contract: The Rise and Fall of American Slavery*. New York: W. W. Norton & Co.
- Fogel, Robert William, & Stanley L. Engerman.** 1974. *Time on the Cross: The Economics of*

- American Negro Slavery*. Boston: Little, Brown & Co.
- Foitzik, Kerstin, Ralf Paus, Tom Doetschman, & G. Paolo Dotto.** 1999. “The TGF- β 2 Isoform Is Both a Required and Sufficient Inducer of Murine Hair Follicle Morphogenesis.” *Developmental Biology* **212** (15 August): 278-289.
- Foley, Ann C., & Claudio D. Stern.** 2001. “Evolution of vertebrate forebrain development: how many different mechanisms?” *Journal of Anatomy* **199** (July): 35-52.
- Foley, Avery.** 2017a. “Should Christian Schools Teach Evolution?” *Answers in Genesis* 12 January posting (online text at www.answersingenesis.org accessed 7/15/2017).
- . 2017b. “Why Aren’t People Convinced by Facts?” *Answers in Genesis* 18 February posting (online text at www.answersingenesis.org accessed 5/18/2017).
- Foley, Daniel F.** 2001. State of Minnesota in Court of Appeals C8-00-1613 8 May ruling opinion re: *Rodney LeVake v. Independent School District #656 et al.* (online pdf via ncse.com accessed 1/28/2014).
- Foley, James A.** 2013. “What Color Were Dinosaurs? Test Of Ancient Skin Sample Will Reveal Final Answer.” *Nature World News* 29 April posting (online text at www.natureworldnews.com accessed 8/21/2013).
- Foley, Jim.** 1997. “Creationism and the Platypus.” *The TalkOrigins Archive* 18 February updated posting (online text at talkorigins.org accessed 10/7/2016).
- . 2000. “Fossil Hominids: Big Daddy?” *The TalkOrigins Archive* 21 February posting (online text at talkorigins.org accessed 1/7/2014).
- . 2004a. “Creationist Arguments: Anomalous Fossils.” *The TalkOrigins Archive* 24 September posting (online text at talkorigins.org accessed 5/28/2009).
- . 2004b. “Review: Skeletons in Your Closet.” *The TalkOrigins Archive* undated posting (online text at talkorigins.org accessed 12/1/2004).
- . 2005. “Creationist Arguments: Misquotes.” *The TalkOrigins Archive* 5 February updated posting (online text at talkorigins.org accessed 6/25/2013).
- . 2008a. “Dmanisi fossils – more transitional than ever.” *Panda’s Thumb* posting 3 November (online text at pandasthumb.org accessed 11/1/2013).
- . 2008b. “Dmanisi and Answers in Genesis.” *Panda’s Thumb* posting 2 December (online text at pandasthumb.org accessed 11/1/2013).
- . 2009a. “Footprints through time.” *Panda’s Thumb* posting 10 March (online text at pandasthumb.org accessed 1/2/2011).
- . 2009b. “Telling apes from humans.” *Panda’s Thumb* posting 29 December (online text at pandasthumb.org accessed 1/1/2010).
- . 2010a. “New findings about the Hobbit.” *Panda’s Thumb* posting 18 March (online text at pandasthumb.org accessed 3/19/2010).
- . 2010b. “Australopithecus sediba and the creationist response.” *Panda’s Thumb* posting 27 April (online text at pandasthumb.org accessed 4/27/2010).
- . 2010c. “Neanderthal/human interbreeding—the old-earth response.” *Panda’s Thumb* posting 10 June (online text at pandasthumb.org accessed 6/10/2010).
- . 2010d. “A Full Genome from Denisova, Siberia.” *Panda’s Thumb* posting 28 December (online text at pandasthumb.org accessed 12/29/2010).
- . 2011a. “Denisovans and the species problem.” *Panda’s Thumb* posting 21 January (online text at pandasthumb.org accessed 1/22/2011).
- . 2011b. “Fossil Hominids: mitochondrial DNA.” *The TalkOrigins Archive* 22 May updated posting (online text at talkorigins.org accessed 2/14/2013).
- . 2013. “A superb new fossil from Dmanisi, Georgia.” *Panda’s Thumb* posting 29 October (online text at pandasthumb.org accessed 11/1/2013).
- Foley, Nicholas C., Simon P. Kelly, Himanshu Mhatre, Manuel Lopes, & Jacquelin Gottlieb.** 2017. “Parietal neurons encode expected gains in instrumental information.” *Proceedings of the National Academy of Sciences* **114** (18 April): E3315-E3323.
- Foley, Nicole M., Mark S. Springer, & Emma C. Teeling.** 2016. “Mammal madness: is the mammal tree of life not resolved?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **371** (19 July): 20150140.

- Foley, Robert A., & Marta Mirazón Lahr.** 2015. “Lithic Landscapes: Early Human Impact from Stone Tool Production on the Central Saharan Environment.” *PLoS ONE* (online @ plosone.org) **10** (March): e0116482.
- Foley, Robert A., Lawrence Martin, Marta Mirazón Lahr, & Chris Stringer.** 2016. “Major transitions in human evolution.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **371** (July): 20150229.
- Folger, Tim.** 2014. “Journeys to the Center of the Earth.” *Discover* (July/August) 14 July article posting: online text accessed 1/24/2015 (*discovermagazine.com*).
- Folie, Annelise, Richard Smith, & Thierry Smith.** 2013. “New amphisbaenian lizards from the Early Paleogene of Europe and their implications for the early evolution of modern amphisbaenians.” *Geologica Belgica* **16** (4): 227-235.
- Folk, G. Edgar Jr., & Holmes A. Semken Jr.** 1991. “The evolution of sweat glands.” *International Journal of Biometeorology* **35** (November): 180-186.
- Folk, Robert L.** 1959. “Practical Petrographic Classification of Limestones.” *American Association of Petroleum Geologists AAPG Bulletin* **43** (January): 1-38.
- Folsom, Thomas C.** 2008. “Evaluating Supernatural Law: An Inquiry into the Health of Nations (The Restatement of the Obvious, Part II).” *Regent University Law Review* **21** (Fall): 105-179.
- Fondi, Marco, Giovanni Emiliani, Pietro Liò, Simonetta Gribaldo, & Renato Fani.** 2009. “The Evolution of Histidine Biosynthesis in Archaea: Insights into the *his* Genes Structure and Organization in LUCA.” *Journal of Molecular Evolution* **69** (November): 512-526.
- Fong, Jocelyn.** 2011. “Jeff Jacoby Pollutes Debate With Climate Fallacies.” *Media Matters* blog posting 3 June (online text at *mediamatters.org* accessed 5/26/2014).
- Fonseca-Azevedo, Karina, & Suzana Herculano-Houzel.** 2012. “Metabolic constraint imposes tradeoff between body size and number of brain neurons in human evolution.” *Proceedings of the National Academy of Sciences* **109** (6 November): 18571-18576.
- Fontaine, Michael C., James B. Pease, Aaron Steele, Robert M. Waterhouse, Daniel E. Neafsey, Igor V. Sharakhov, Xiaofang Jiang, Andrew B. Hall, Flaminia Catteruccia, Evdoxia Kakani, Sara N. Mitchell, Yi-Chieh Wu, Hilary A. Smith, R. Rebecca Love, Mara K. Lawniczak, Michel A. Slotman, Scott J. Emrich, Matthew W. Hahn, & Nora J. Besansky.** 2015. “Extensive introgression in a malaria vector species complex revealed by phylogenomics.” *Science* **347** (2 January): 1258524 (online at *sciencemag.org*).
- Fontani, F., V. M. Rivilla, P. Caselli, A. Vasyunin, & A. Palau.** 2016. “Phosphorus-bearing Molecules in Massive Dense Cores.” *The Astrophysical Journal Letters* **822** (May): L30.
- Fontecilla-Camps, Juan C.** 2014. “The Stereochemical Basis of the Genetic Code and the (Mostly) Autotrophic Origin of Life.” *Life* (Basel) **4** (16 December): 1013-1025.
- Fontes, Carlos M. G. A., & Harry J. Gilbert.** 2010. “CELLOLOSOMES: Highly Efficient Nanomachines Designed to Deconstruct Plant Cell Wall Complex Carbohydrates.” *Annual Review of Biochemistry* **79**: 655-681.
- Fontes-Villalba, Maelán, Pedro Carrera-Bastos, & Loren Cordain.** 2013. “African hominin stable isotopic data do not necessarily indicate grass consumption.” *Proceedings of the National Academy of Sciences* **110** (22 October): E4055.
- Foo, Jasmine, Lin L. Liu, Kevin Leder, Markus Riester, Yoh Iwasa, Christoph Lengauer, & Franziska Michor.** 2015. “An Evolutionary Approach for Identifying Driver Mutations in Colorectal Cancer.” *PLoS Computational Biology* (online @ ploscompbiol.org) **11** (September): e1004350.
- Foos, Annabelle, & Joseph Hannibal.** 1999. “Geology of Florissant Fossil Beds National Monument.” *Florissant Fossil Beds National Monument* posting (online text at *www.nps.gov* accessed 7/1/2017).
- Foote, Andrew D., Nagarjun Vijay, María C. Ávila-Arcos, Robin W. Baird, John W. Durban, Matteo Fumagalli, Richard A. Gibbs, M. Bradley Hanson, Thorfinn S. Korneliussen, Michael D. Martin, Kelly M. Robertson, Vitor C. Sousa, Filipe G. Vieira, Tomáš Vinař, Paul Wade, Kim C. Worley, Laurent Excoffier, Phillip A. Morin, M. Thomas P. Gilbert, & Jochen B. W. Wolf.** 2016. “Genome-culture

- coevolution promotes rapid divergence of killer whale ecotypes.” *Nature Communications* (online @ nature.com) **7** (31 May): 11693.
- Foote, Mike.** 1991. “Morphological patterns of diversification: Examples from trilobites.” *Palaentology* **34**: 461-485.
- . 1992. “Paleozoic record of morphological diversity in blastozoan echinoderms.” *Proceedings of the National Academy of Sciences* **89** (15 August): 7325-7329.
- . 1994. “Morphological Disparity in Ordovician-Devonian Crinoids and the Early Saturation of Morphological Space.” *Paleobiology* **20** (Summer): 320-344.
- . 1995a. “Morphological Diversification of Paleozoic Crinoids.” *Paleobiology* **21** (Summer): 273-299.
- . 1995b. “Morphology of Carboniferous and Permian crinoids.” *Contributions from the Museum of Paleontology The University of Michigan* **29** (30 November): 135-384.
- . 1997a. “The Evolution of Morphological Diversity.” *Annual Review of Ecology, Evolution and Systematics* **28**: 129-152.
- . 1997b. “Sampling, Taxonomic Description, and Our Evolving Knowledge of Morphological Diversity.” *Paleobiology* **23** (Spring): 181-206.
- Foraminifera.* 2012. “Evolution illustrated by Foraminifera.” *Foraminifera* undated posting (online text at www.foraminifera.eu accessed 1/19/2013).
- Forber, Patrick.** 2009a. “Introduction: A Primer on Adaptationism.” *Biology and Philosophy* **24** (March): 155-159.
- . 2009b. “Spandrels and a pervasive problem of evidence.” *Biology and Philosophy* **24** (March): 247-266.
- Forbes.* 2006. “#31 Philip F Anschutz.” *Forbes* “The 400 Richest Americans” posting 21 September (online text at www.forbes.com accessed 4/6/2014).
- Forbes, Andrew A., Thomas H. Q. Powell, Lukasz L. Stelinski, James J. Smith, & Jeffrey L. Feder.** 2009. “Sequential Sympatric Speciation Across Trophic Levels.” *Science* **323** (6 February): 776-779.
- Forbes, Bruce David.** 2015. “What Did The Puritans Have Against Christmas?” *Religion Dispatches* 21 December posting (online text at religiondispatches.org accessed 12/22/2015).
- Forbes, Dana.** 2003. *Jen’s Gems—Doug Phillips’ Ecclesiastical Tyranny and Abuse* (Jen Fishburne) posting (online pdf at jensgems.wordpress.com accessed 2/6/2017).
- Force, Allan, Angel Amores, & John H. Postlethwait.** 2002. “Hox Cluster Organization in the Jawless Vertebrate *Petromyzon marinus*.” *Journal of Experimental Zoology* **294** (15 April): 30-46.
- Force, Allan, Michael Lynch, F. Bryan Pickett, Angel Amores, Yi-lin Yan, & John Postlethwait.** 1999. “Preservation of Duplicate Genes by Complementary, Degenerative Mutations.” *Genetics* **151** (April): 1531-1545.
- Ford, Adam T., Jacob R. Goheen, Tobias O. Otieno, Laura Bidner, Lynne A. Isbell, Todd M. Palmer, David Ward, Rosie Woodroffe, & Robert M. Pringle.** 2014. “Large carnivores make savanna tree communities less thorny.” *Science* **346** (17 October): 346-349.
- Ford, Ava.** 2008. “Life in the Letters: Uncovering Creation Truth in Ancient Cultures.” Institute for Creation Research *Acts & Facts* (November): 4.
- Ford, Eric B.** 2014. “Architecture of planetary systems and implications for their formation.” *Proceedings of the National Academy of Sciences* **111** (2 September): 12616-12621.
- Ford, Lawrence E.** 2007. “Creation Science on a Global Scale.” Institute for Creation Research *Acts & Facts* (August): 4-5.
- . 2008. “F.A.S.T. and Furious.” *Answers in Genesis Answers Magazine* (October-December): 46-49.
- . 2010. “Stand Up! Stand Up for Jesus!” Institute for Creation Research *Acts & Facts* (December): 3.
- . 2011a. “Confronting Evolutionary Ideas.” Institute for Creation Research *Acts & Facts* (January): 4-5.
- . 2011b. “It’s Only Natural ... or Is It?” Institute for Creation Research *Acts & Facts*

- (March): 3.
- Ford, Rachel.** 2015. “Relaxed Educational Standards for Homeschooled Children in Pennsylvania and Beyond Should Frighten All of Us.” *Friendly Atheist* posting 7 January (online text at www.patheos.com accessed 1/7/2015).
- Ford, T. D., W. J. Breed, & J. S. Mitchell.** 1972. “Name and Age of the Upper Precambrian Basalts in the Eastern Grand Canyon.” *The Geological Society of America GSA Bulletin* **83** (January): 223-226.
- Ford, Zach.** 2013. “No, This Air Force Sergeant Was Not Fired For Opposing Marriage Equality.” *Think Progress* 21 August posting (online text at thinkprogress.org accessed 10/6/2013).
- Fordham Institute.* 2004. *The Mad, Mad World of Textbook Adoption.* The Thomas Fordham Institute posting (online pdf at www.edexcellencemedia.net accessed 2/5/2014).
- Fordham, RockieSue.** 2009a. “Creation versus Evolution.” *NineHub* 28 November updated posting (online text at rockiesue.ninehub.com accessed 5/21/2012).
- . 2009b. “Darwin’s Trail of Tears.” *NineHub* 28 November updated posting (online text at rockiesue.ninehub.com accessed 5/21/2012).
- . 2010. “Two Great Men.” *NineHub* 10 June updated posting (online text at rockiesue.ninehub.com accessed 5/21/2012).
- . 2012. “Available Courses.” *NineHub* posting (online text at rockiesue.ninehub.com accessed 5/21/2012).
- Fordyce, R. Ewan.** 1994. “*Waipatia maerewhenua*, New Genus and New Species (Waipatiidae, New Family), an Archaic Late Oligocene Dolphin (Cetacea: Odontoceti: Platanistoidea) from New Zealand.” *Proceedings of the San Diego Society of Natural History* **29**: 147-176.
- Fordyce, R. Ewan, & Felix G. Marx.** 2013. “The pygmy right whale *Caperea marginata*: the last of the cetotheres.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (22 February): 20122645.
- Foret, Sylvain, Robert Kucharski, Matteo Pellegrini, Suhua Feng, Steven E. Jacobsen, Gene E. Robinson, & Ryszard Maleszka.** 2012. “DNA methylation dynamics, metabolic fluxes, gene splicing, and alternative phenotypes in honey bees.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4968-4973.
- Forey, Alan.** 1995. “The Military Orders, 1120-1312,” in *Oxford Illustrated History of the Crusades* (1995, 184-216).
- Forey, Peter L.** 1988. “Golden jubilee for the coelacanth *Latimeria chalumnae*.” *Nature* **336** (29 December): 727-732.
- Forey, Peter, & Philippe Janvier.** 1993. “Agnathans and the origin of jawed vertebrates.” *Nature* **361** (14 January): 129-134.
- Forgac, Michael.** 1999. “Structure and Properties of the Vacuolar (H⁺)-ATPases.” *The Journal of Biological Chemistry* **274** (7 May): 12951-12954.
- Forget, François.** 2013. “On the probability of habitable planets.” *International Journal of Astrobiology* **12** (July): 177-185.
- Forister, Matthew L., Andrew C. McCall, Nathan J. Sanders, James A. Fordyce, James H. Thorne, Joshua O’Brien, David P. Waetjen, & Arthur M. Shapiro.** 2010. “Compounded effects of climate change and habitat alteration shift patterns of butterfly diversity.” *Proceedings of the National Academy of Sciences* **107** (2 February): 2088-2092.
- Forlow, Rhonda.** 2011a. “What’s in a Number?” Institute for Creation Research *Science Essentials* posting (online text at www.science-essentials.org accessed 10/24/2011).
- . 2011b. “What’s So Unique about Humans?” Institute for Creation Research *Science Essentials* 6 November posting (online text at www.science-essentials.org accessed 1/9/2012).
- . 2011c. “One Human Race.” Institute for Creation Research *Science Essentials* 14 November posting (online text at www.science-essentials.org accessed 1/9/2012).
- . 2011d. “The Marriage of Science and Faith.” Institute for Creation Research *Science Essentials* 5 December posting (online text at www.science-essentials.org accessed 1/9/2012).

- . 2012a. “Are You Made of Junk? Secondary Activities (6-12).” Institute for Creation Research *Science Essentials* 4 January posting (online text at www.science-essentials.org accessed 1/9/2012).
- . 2012b. “Are You Made of Junk? Discussion Starters.” Institute for Creation Research *Science Essentials* 6 January posting (online text at www.science-essentials.org accessed 1/9/2012).
- . 2012c. “Evidence for God.” Institute for Creation Research *Science Essentials* 10 January posting (online text at www.science-essentials.org accessed 1/9/2012).
- . 2012d. “George Washington Carver.” Institute for Creation Research *Science Essentials* 16 January posting (online text at www.science-essentials.org accessed 1/21/2012).
- . 2012e. “Everything Has a Cause.” Institute for Creation Research *Science Essentials* 17 January posting (online text at www.science-essentials.org accessed 1/21/2012).
- . 2012f. “Shake, Rattle, and Lift?” Institute for Creation Research *Science Essentials* 23 January posting (online text at www.science-essentials.org accessed 1/28/2012).
- . 2012g. “The Heart of Love.” Institute for Creation Research *Science Essentials* 23 January posting (online text at www.science-essentials.org accessed 2/6/2012).
- . 2012h. “This Means War!” Institute for Creation Research *Science Essentials* 27 February posting (online text at www.science-essentials.org accessed 2/27/2012).
- Forman, Ira.** 2010. “Tzimtzum and Presidential Power.” *Sh'ma* **40** (January): 8-9.
- Formby, Mark, Bubba Carpenter, Beckie Currie, & John L. Moore.** 2016. “House Bill 50.” Mississippi House of Representatives legislative posting (online text at billstatus.ls.state.ms.us accessed 2/14/2016).
- Fornash, Katherine F., P. Jonathan Patchett, George E. Gehrels, & Jon E. Spencer.** 2013. “Evolution of granitoids in the Catalina metamorphic core complex, southeastern Arizona: U-Pb, Nd, and Hf isotopic constraints.” *Contributions to Mineralogy and Petrology* **75** (3): 263-268.
- Fornito, Alex, Ben J. Harrison, Andrew Zalesky, & Jon S. Simons.** 2012. “Competitive and cooperative dynamics of large-scale brain functional networks supporting recollection.” *Proceedings of the National Academy of Sciences* **109** (31 July): 12788-12793.
- Forrest, Barbara.** 1997. “Combating Creationism in a Louisiana School System.” *The Textbook Letter* (July-August): online text accessed 3/30/2013 (textbookleague.org).
- . 1999. “Unmasking the False Prophet of Creationism.” *Reports of the National Center for Science Education* **19** (September-October): 28-30.
- . 2000. “The Possibility of Meaning in Human Evolution.” *Zygon* **35** (December): 861-879.
- . 2001. “The Wedge at Work: How Intelligent Design Creationism Is Wedging Its Way into the Cultural and Academic Mainstream,” in Pennock (2001, 5-53).
- . 2002. “The Newest Evolution of Creationism.” *Natural History* **111** (April): 80.
- . 2005. Expert Witness Report (1 April) re: *Kitzmiller v. Dover Area School District* (online pdf at ncse.com accessed 2/3/2014).
- . 2006a. “My Role in Kitzmiller v Dover.” *Reports of the National Center for Science Education* **26** (January-April): 47-48.
- . 2006b. “The ‘Vise Strategy’ Undone: *Kitzmiller et al. v. Dover Area School District*.” *CSI* 31 July posting (online text at www.csicop.org accessed 12/11/2007).
- . 2008a. “A Sorry State of Affairs.” *Reports of the National Center for Science Education* **28** (January-February): 7-9.
- . 2008b. “The Discovery Institute, the LA Family Forum, and the ‘LA Science Education Act’ UPDATED.” *Talk to Action* 26 June posting (online text at www.talk2action.org accessed 1/16/2014).
- . 2008c. “Still creationism after all these years: understanding and counteracting intelligent design.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **48** (August): 189-201.
- . 2009. “Forrest Responds to Beckwith.” *Panda’s Thumb* 10 May posting (online text at pandasthumb.org accessed 4/2/2010).

- . 2010a. “It’s Déjà Vu All Over Again: The Intelligent Design Movement’s Recycling of Creationist Strategies.” *Evolution: Education & Outreach* **3** (June): 170-182.
- . 2010b. “Livingston Parish School Board Wants to Implement Discovery Institute’s ‘Academic Freedom’ Law.” *Louisiana Coalition for Science* 29 July posting (online text at lasciencecoalition.org accessed 4/7/2014).
- . 2010c. “Textbook Attack in Louisiana.” *Louisiana Coalition for Science* 11 November posting (online text at lasciencecoalition.org accessed 11/13/2010).
- . 2010d. “Hell just froze over in Louisiana.” *Louisiana Coalition for Science* 13 November posting (online text at lasciencecoalition.org accessed 11/13/2010).
- . 2010e. “‘Science’ with no evidence.” *Houma Today* (Terrebonne Parish, Louisiana, *Courier* website) posting 26 November: online text accessed 5/16/2013 (www.houmatoday.com).
- . 2010f. “Of Autism and Creationism—A Strange Louisiana Connection (Updated).” *Louisiana Coalition for Science* 2 December posting (online text at lasciencecoalition.org accessed 12/10/2010).
- . 2011a. “The non-epistemology of intelligent design: its implications for public policy.” *Synthese* **178** (January #2): 331-379.
- . 2011b. “After Louisiana Family Forum textbook defeat: John Oller fesses up.” *Louisiana Coalition for Science* 16 January posting (online text at lasciencecoalition.org accessed 3/6/2012).
- . 2011c. “Act should be repealed.” *Houma Today* (Terrebonne Parish, Louisiana, *Courier* website) posting 26 April: online text accessed 3/30/2013 (www.houmatoday.com).
- . 2011d. “Textaddons.com—Would teachers really use this pathetic stuff? (Updated).” *Louisiana Coalition for Science* 18 December posting (online text at lasciencecoalition.org accessed 2/11/2014).
- . 2012a. “The Gutting of BESE’s LSEA Implementation Policy: The Untold Story of Alliance Defense Fund Involvement.” *Louisiana Coalition for Science* 5 January updated posting (online text at lasciencecoalition.org accessed 2/26/2014).
- . 2012b. “A New Discovery Institute Defender in Louisiana.” *Louisiana Coalition for Science* 2 October updated posting (online text at lasciencecoalition.org accessed 1/26/2013).
- . 2013a. “Intelligently Design Data: The Bogus Louisiana Teacher Survey.” *Reports of the National Center for Science Education* **33** (March-April): 2.1-2.8.
- . 2013b. “Rejecting the Founders’ Legacy: Democracy as a Weapon Against Science.” *Logos* **12** (Spring): online text accessed 6/16/2013 (logosjournal.com).
- . 2014. “Louisiana’s Love Affair with Creationism.” *Reports of the National Center for Science Education* **34** (January-February): 2.1-2.7.
- Forrest, Barbara, & Paul R. Gross.** 2004. “The Evolution of ‘Intelligent Design’.” *Creationism’s Trojan Horse* posting December (online text at creationismstrojanhorse.com accessed 6/26/2010).
- . 2007. “Biochemistry by design.” *Trends in Biochemical Sciences* **32** (July): 301-310.
- Forrest, Michael.** 2006. “Robert Sungenis and the Jews.” *Robert Sungenis and the Jews* posting (online text at www.sungenisandthejews.com accessed 6/20/2011).
- Forrest, Richard.** 2007a. “Kangaroos and the Flood.” *The Plesiosaur Site* posting (online text at www.plesiosaur.com accessed 7/26/2011).
- . 2007b. “Sleight-of-Hand With the Fossil Record.” *The Plesiosaur Site* updated posting (online text at www.plesiosaur.com accessed 10/31/2011).
- . 2010. “Swiss Ichthyosaur.” *The Plesiosaur Site* updated posting (online text at www.plesiosaur.com accessed 5/22/2011).
- . 2014. “Are Dinosaurs Still Living?” *The Plesiosaur Site* 1 February updated posting (online text at www.plesiosaur.com accessed 8/17/2014).
- Forsberg, Kevin J., Alejandro Reyes, Bin Wang, Elizabeth M. Selleck, Morten O. A. Sommer, & Gautam Dantas.** 2012. “The Shared Antibiotic Resistome of Soil Bacteria and Human Pathogens.” *Science* **337** (31 August): 1107-1111.

- Forsten, Ann.** 1989. "Horse Diversity Through the Ages." *Biological Reviews of the Cambridge Philosophical Society* **64** (November): 279-304.
- Forster, Anthony C., Zhongping Tan, Madhavi N. L. Nalam, Hening Lin, Hui Qu, Virginia W. Cornish, & Stephen C. Blacklow.** 2003. "Programming peptidomimetic syntheses by translating genetic codes designed *de novo*." *Proceedings of the National Academy of Sciences* **100** (27 May): 6353-6357.
- Forster, Catherine A., Luis M. Chiappe, David W. Krause, & Scott D. Sampson.** 1996. "The first Cretaceous bird from Madagascar." *Nature* **382** (8 August): 532-534.
- Forster, Catherine A., Scott D. Sampson, Luis M. Chiappe, & David W. Krause.** 1998a. "The Theropod Ancestry of Birds: New Evidence from the Late Cretaceous of Madagascar." *Science* **279** (20 March): 1915-1919.
- . 1998b. "Genus Correction." *Science* **280** (10 April): 179.
- Forster, Greg.** 2012a. "The Page that Changed My Life." The Gospel Coalition Blog *Reason to Believe* posting 31 July (online text at thegospelcoalition.org accessed 8/13/2012).
- . 2012b. "David Barton's Errors." *First Things First Thoughts* posting 8 August (online text at firstthings.com accessed 8/13/2012).
- Forster, Lucy, Peter Forster, Sabine Lutz-Bonengel, Horst Willkomm, & Bernd Brinkmann.** 2002. "Natural radioactivity and human mitochondrial DNA mutations." *Proceedings of the National Academy of Sciences* **99** (15 October): 13950-13954.
- Forster, Peter, & Colin Renfrew.** 2011. "Mother Tongue and Y Chromosome." *Science* **333** (9 September): 1390-1391.
- Forster, Peter, & Alfred Toth.** 2003. "Toward a phylogenetic chronology of ancient Gaulish, Celtic, and Indo-European." *Proceedings of the National Academy of Sciences* **100** (22 July): 9079-9084.
- Forstmann, Nirte U., Alfred Anwander, Andreas Schäfer, Jane Neumann, Scott Brown, Eric-Jan Wagenmakers, Rafal Bogacz, & Robert Turner.** 2010. "Cortico-striatal connections predict control over speed and accuracy in perceptual decision making." *Proceedings of the National Academy of Sciences* **107** (7 September): 15916-15920.
- Forstmeier, Wolfgang, Katrin Martin, Elisabeth Bolund, Holger Schielzeth, & Bart Kempnaers.** 2011. "Female extrapair mating behavior can evolve via indirect selection on males." *Proceedings of the National Academy of Sciences* **108** (28 June): 10608-10613.
- Forstyth, D. J.** 1972. "The structure of the pygidial defence glands of Carabidae (Coleoptera)." *The Transactions of the Zoological Society of London* **32** (November): 249-309.
- Forstyth, Ian D.** 1999. "A GUIDE TO CIVIL RIGHTS LIABILITY UNDER 42 U.S.C. § 1983: AN OVERVIEW OF SUPREME COURT AND ELEVENTH CIRCUIT PRECEDENT." *Constitution Society* posting (online text at www.constitution.org accessed 4/11/2014).
- Fort, Charles.** 1919. *The Book of the Damned*. 1972 pb ed. New York: Ace.
- . 1923. *New Lands*. 1973 pb ed. New York: Ace.
- . 1931. *Lo!* Undated pb ed. New York: Ace.
- Fort, Emmanuel, Antonin Eddi, Arezki Boudaoud, Julien Moukhtar, & Yves Couder.** 2010. "Path-memory induced quantization of classical orbits." *Proceedings of the National Academy of Sciences* **107** (12 October): 17515-17520.
- Fort, Joaquim.** 2012. "Synthesis between demic and cultural diffusion in the Neolithic transition in Europe." *Proceedings of the National Academy of Sciences* **109** (13 November): 18669-18673.
- Forte, A. M., R. Moucha, N. A. Simmons, S. P. Grand, & J. X. Mitrovica.** 2010. "Deep-mantle contributions to the surface dynamics of the North American continent." *Tectonophysics* **481** (15 January): 3-15.
- Forte, Maurizio, & Alberto Siliotti,** eds. 1997. *Virtual Archaeology: Re-creating Ancient Worlds*. New York: Harry N. Abrams, Inc.
- Forterre, Patrick.** 2002. "The origin of DNA genomes and DNA replication proteins." *Current Opinion in Microbiology* **5** (1 October): 525-532.
- . 2005. "The two ages of the RNA world, and the transition to the DNA world: a story of viruses and cells." *Biochimie* **87** (September-October): 793-803.

- . 2006. “Three RNA cells for ribosomal lineages and three DNA viruses to replicate their genomes: A hypothesis for the origin of cellular domain.” *Proceedings of the National Academy of Sciences* **103** (7 March): 3669-3674.
- . 2010. “Defining Life: The Virus Viewpoint.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **40** (April): 151-160.
- . 2016. “To be or not to be alive: How recent discoveries challenge the traditional definitions of viruses and life.” *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **59** (October): 100-108.
- Forterre, Patrick, Jonathan Filée, & Hannu Myllykallio.** 2000. “Origin and Evolution of DNA and DNA Replication Machineries.” National Center for Biotechnology Information (National Institutes of Health) *Madame Curie Bioscience Database* posting (online text at ncbi.nlm.nih.gov accessed 2/19/2015).
- Forterre, Patrick, & Simonetta Gribaldo.** 2010. “Bacteria with a eukaryotic touch: A glimpse of ancient evolution?” *Proceedings of the National Academy of Sciences* **107** (20 July): 12739-12740.
- Forterre, Patrick, & Hervé Philippe.** 1999. “The Last Universal Common Ancestor (LUCA), Simple or Complex?” *The Biological Bulletin* **196** (June): 373-377.
- Fortey, Richard A.** 2000a. “Crystal Eyes.” *Natural History* **109** (October): 68-73.
- . 2000b. *Trilobite! Eyewitness to Evolution*. New York: Alfred A. Knopf.
- . 2001a. “The Cambrian Explosion Exploded?” *Science* **293** (20 July): 438-439.
- . 2001b. “Trilobite systematics: The last 75 years.” *Journal of Paleontology* **75** (November): 1141-1151.
- . 2008. “The Cambrian evolutionary ‘explosion’,” in Benton (2008a, 30-31).
- . 2009. *Fossils*. Rev. ed. of 1982 Natural History Museum book. New York: Sterling.
- Fortey, R. A., D. E. G. Briggs, & M. A. Wills.** 1996. “The Cambrian evolutionary ‘explosion’: decoupling cladogenesis from morphological disparity.” *Biological Journal of the Linnean Society* **57** (January): 13-33.
- Fortier, Joseph.** 2012. *Confluence of Evolutionary Science and Christian Faith*. Bloomington, IN: Xlibris.
- Fortmeyer, John.** 2013. “Pastors hear of challenges to religious rights?” *Christian News Northwest* 3 May posting (online text at cnw.com accessed 10/6/2013).
- Fortna, Andrew, Young Kim, Erik MacLaren, Kriste Marshall, Gretchen Hahn, Lynne Meltesen, Matthew Brenton, Raquel Hink, Sonya Burgers, Tina Hernandez-Boussard, Anis Karimpour-Fard, Deborah Glueck, Loris McGavran, Rebecca Berry, Jonathan Pollack, & James M. Sikela.** 2004. “Lineage-Specific Gene Duplication and Loss in Human and Great Ape Evolution.” *PLoS Biology* (online @ plosbiology.org) **2** (July): e207.
- Fortuna, Miguel A., Rafael G. Albaladejo, Laura Fernández, Abelardo Aparicio, & Jordi Bascompte.** 2009. “Networks of spatial genetic variation across species.” *Proceedings of the National Academy of Sciences* **106** (10 November): 19044-19049.
- Fortunato, Sofia A. V., Marcin Adamski, Olivia Mendivil Ramos, Sven Leininger, Jing Liu, David E. K. Ferrier, & Maja Adamska.** 2014. “Calcisponges have a ParaHox gene and dynamic expression of dispersed NK homeobox genes.” *Nature* **514** (30 October): 620-623.
- Fortune, Eric S., Carlos Rodriguez, David Li, Gregory F. Ball, & Melissa J. Coleman.** 2011. “Neural Mechanisms for the Coordination of Duet Singing in Wrens.” *Science* **334** (4 November): 666-670.
- Fortuny, Josep, Àngel Galobart, & Carles De Santisteban.** 2011. “A new capitosaur from the Middle Triassic of Spain and the relationships within the Capitosauria.” *Acta Palaeontologica Polonica* **56** (3): 553-566.
- Fos, Mariano, M. Angeles Domínguez, Amparo Latorre, & Andrés Moya.** 1990. “Mitochondrial DNA evolution in experimental populations of *Drosophila subobscura*.” *Proceedings of the National Academy of Sciences* **87** (1 June): 4198-4201.

- Foser, Jamison.** 2011. "CNN's Erickson Suggests Government Should Not 'Accommodate' Atheists." Media Matters *COUNTYFAIR* blog posting 11 January (online text at *mediamatters.org* accessed 1/12/2011).
- Foss, Eric J., Uyen Lao, Emily Dalrymple, Robin L. Adrianse, Taylor Loe, & Antonio Bedalov.** 2017. "SIR2 suppresses replication gaps and genome instability by balancing replication between repetitive and unique sequences." *Proceedings of the National Academy of Sciences* **114** (17 January): 552-557.
- Fossat, Pascal, Julien Bacqué-Cazenave, Philippe De Deurwaerdère, Jean-Paul Delbecque, & Daniel Cattaert.** 2014. "Anxiety-like behavior in crayfish is controlled by serotonin." *Science* **344** (13 June): 1293-1297.
- Fost, Joshua.** 2007. *If Not God, Then What? Neuroscience, Aesthetics, and the Origins of the Transcendent*. Salem, OR: Clearhead Studios.
- Foster, Colin.** 2012. "Creationism as a Misconception: Socio-cognitive conflict in the teaching of evolution." *International Journal of Science Education* **34** (September): 2171-2180.
- Foster, Craig A., & Sarena M. Ortiz.** 2017. "Vaccines, Autism, and the Promotion of Irrelevant Research: A Science-Pseudoscience Analysis." *Skeptical Inquirer* **41** (May/June): online text accessed 6/26/2017 (*www.csicop.org*).
- Foster, Dean P., & H. Peyton Young.** 2001. "On the impossibility of predicting the behavior of rational agents." *Proceedings of the National Academy of Sciences* **98** (23 October): 12848-12853.
- Foster, Emma A., Daniel W. Franks, Sonia Mazzi, Safi K. Darden, Ken C. Balcomb, John K. B. Ford, & Darren P. Croft.** 2012. "Adaptive Prolonged Postreproduction Life Span in Killer Whales." *Science* **337** (14 September): 1313.
- Foster, Eugene A., M. A. Jobling, P. G. Taylor, P. Donnelly, P. de Knijff, Rene Mieremet, T. Zerjal, & C. Tyler-Smith.** 1998. "Jefferson fathered slave's last child." *Nature* **396** (5 November): 27-28.
- Foster, G., J. D. Annan, P. D. Jones, M. E. Mann, J. Renwick, J. Salinger, G. A. Schmidt, & K. E. Trenberth.** 2010. "Comment on 'Influence of the Southern Oscillation on tropospheric temperature' by J. D. McLean, C. R. de Freitas, and R. M. Carter." *Journal of Geophysical Research* **115** (14 May): D09110.
- Foster, Gavin L., & Eelco J. Rohling.** 2013. "Relationship between sea level and climate forcing by CO₂ on geological timescales." *Proceedings of the National Academy of Sciences* **110** (22 January): 1209-1214.
- Foster, Jamie S., Stefan J. Green, Steven R. Ahrendt, Stjepko Golubic, R. Pamela Reid, Kevin L. Hetherington, & Lee Bebout.** 2009. "Molecular and morphological characterization of cyanobacterial diversity in the stromatolites of Highborne Cay, Bahamas." *International Society for Microbial Ecology The ISME Journal* **3** (May): 573-587.
- Foster, Joanna M.** 2011. "In a Food Revolution, Fungi as Comrades." *The New York Times Green* blog posting 7 June (online text at *green.blogs.nytimes.com* accessed 7/9/2011).
- Foster, John R., Kelli C. Trujillo, Scott K. Madsen, & James E. Martin.** 2006. "The Late Jurassic mammal *Docodon*, from the Morrison Formation of the Black Hills, Wyoming: Implications for abundance and biogeography of the genus." *New Mexico Museum of History and Science Bulletin* **36**: 165-169.
- Foster, John R., & Mathew J. Wedel.** 2014. "*Haplocanthosaurus* (Saurischia: Sauropoda) from the lower Morrison Formation (Upper Jurassic) near Snowmass, Colorado." *Volumina Jurassica* **12** (2): 197-210.
- Foster, Julie.** 2000a. "Unnatural selection: Science teachers under fire for criticizing evolution theory." *WorldNetDaily* (3 March): online text accessed 1/24/2014 (*wnd.com*).
- . 2000b. "Biology professor forced out: Pointed to flaws in theory of evolution, encouraged critical thinking." *WorldNetDaily* (14 April): online text accessed 1/24/2014 (*wnd.com*).
- . 2000c. "Evolution critic censored: Teacher punished for pointing out flaws in Darwin's theory." *WorldNetDaily* (25 July): online text accessed 1/24/2014 (*wnd.com*).
- . 2001. "Tim LaHaye 'most influential leader': Institute says 'Left Behind' creator No. 1

- evangelical.” *WorldNetDaily* (2 June): online text accessed 1/24/2014 (*wnd.com*).
- Foster, Karen Polinger, Johannes H. Sterba, Georg Steinhauser, & Max Bichler.** 2009. “The Thera eruption and Egypt: pumice, texts and chronology,” in Warburton (2009, 171-180).
- Foster, Kevin R.** 2006. “Character reform.” *Nature* **441** (18 May): 291.
- Foster, Kevin R., & Hanna Kokko.** 2009. “The evolution of superstitious and superstition-like behavior.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (7 January): 31-37.
- Foster, Laura C., Daniela M. Schmidt, Ellen Thomas, Sandra Arndt, & Andy Ridgwell.** 2013. “Surviving rapid climate change in the deep sea during the Paleogene hyperthermals.” *Proceedings of the National Academy of Sciences* **110** (4 June): 9273-9276.
- Foster, Patricia L.** 2004. “Adaptive Mutation in *Escherichia coli*.” *Journal of Bacteriology* **188** (August, No. 15): 4896-4852.
- . 2011. “Comment on ‘A Bacterium That Can Grow by Using Arsenic Instead of Phosphorus’.” *Science* **332** (3 June): 1149.
- Foster, Patricia L., Heewook Lee, Ellen Popodi, Jesse P. Townes, & Haixu Tang.** 2015. “Determinants of spontaneous mutation in the bacterium *Escherichia coli* as revealed by whole genome sequencing.” *Proceedings of the National Academy of Sciences* **112** (3 November): E5990-E5999.
- Foster, Peter.** 2015. “Atheists demand apology after university head says that secularism ‘threatens American democracy’.” *London Telegraph* posting 1 January: online text accessed 1/2/2015 (www.telegraph.co.uk).
- Foster, Peter G., Cymon J. Cox, & T. Martin Embley.** 2009. “The primary divisions of life: a phylogenomic approach employing composition-heterogeneous methods.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2197-2207.
- Foster, W. D.** 1958. “Lionel Smith Beale (1828-1906) and the Beginnings of Clinical Pathology.” *Medical History* **2** (October): 269-273.
- Fostowicz-Frelik, Lucja, & Zofia Kielan-Jaworowska.** 2002. “Lower incisor in zalambdalestid mammals (Eutheria) and its phylogenetic implications.” *Acta Palaeontologica Polonica* **47** (1): 177-180.
- Foth, Bernardo J., Marc C. Goedecke, & Dominique Soldati.** 2006. “New insights into myosin evolution and classification.” *Proceedings of the National Academy of Sciences* **103** (7 March): 3681-3686.
- Foth, Christian.** 2014. “Comment on the absence of ossified sternal elements in basal paravian dinosaurs.” *Proceedings of the National Academy of Sciences* **111** (16 December): E5334.
- Foth, Christian, & Oliver W. M. Rauhut.** 2013. “Macroevolutionary and morphofunctional patterns in theropod skulls: A morphometric approach.” *Acta Palaeontologica Polonica* **58** (1): 1-16.
- Foth, Christian, Helmut Tischlinger, & Oliver W. M. Rauhut.** 2014. “New specimen of *Archaeopteryx* provides insights into the evolution of pennaceous feathers.” *Nature* **511** (3 July): 79-82.
- Foucher, Frédéric, Frances Westall, Franz Brandstätter, René Demets, John Parnell, Charles S. Cockell, Howell G. M. Edwards, Jean-Michel Bény, & André Brack.** 2010. “Testing the survival of microfossils in artificial martian sedimentary meteorites during entry into Earth’s atmosphere: The STONE 6 experiment.” *Icarus* **207** (June): 616-630.
- Fougère-Danezan, Simon Joly, Anne Bruneau, Xin-Fen Gao, & Li-Bing Zhang.** 2015. “Phylogeny and biogeography of wild roses with specific attention to polyploids.” *Annals of Botany* **115** (February): 275-291.
- Foundation for Thought and Ethics.* 2013. “The Untold Story of the Kitzmiller Trial.” *Foundation for Thought and Ethics* posting (online pdf at www.fteonline.com accessed 11/12/2013).
- Foundations in Genesis.* 2014a. “Links to creation sites.” *Foundations in Genesis of Idaho/Oregon* posting (online text at www.figionline.com accessed 8/17/2014).

- . 2014b. “ARE YOU A WARRIOR FOR THE TRUTH? CREATION/EVOLUTION BOOT CAMP.” *Foundations in Genesis of Idaho/Oregon* posting (online pdf at www.figionline.com accessed 8/17/2014).
- Fountaine, Toby M. R., Michael J. Benton, Gareth J. Dyke, & Robert L. Nudds.** 2005. “The quality of the fossil record of Mesozoic birds.” *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (7 February): 289-294.
- Fourgeaud, Lawrence, & Lisa M. Boulanger.** 2007. “Synapse Remodeling, Compliments of the Complement System.” *Cell* **131** (14 December): 1034-1036.
- Fournier, Greg.** 2010. “Reconstructing Synthetase Paralog Ancestors: Composition, Horizontal Transfer, and Recombination.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Fournier, G. P., & E. J. Alm.** 2015. “Ancestral Reconstruction of a Pre-LUCA Aminoacyl-tRNA Synthetase Ancestor Supports the Late Addition of Trp to the Genetic Code.” *Journal of Molecular Evolution* **80** (April): 171-185.
- Fournier, Gregory P., Cheryl P. Andam, & Johann Peter Gogarten.** 2015. “Ancient horizontal gene transfer and the last common ancestors.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **15** (22 April): 70.
- Fournier, Gregory P., Jinling Huang, & J. Peter Gogarten.** 2009. “Horizontal gene transfer from extinct and extant lineages: biological innovation and the coral of life.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2229-2239.
- Fournier, Marc, Philippe Agard, & Carole Petit.** 2008. “Micro-tectonic constraints on the evolution of the Barles half-window (Digne Nappe, southern Alps). Implications for the timing of folding in the Valensole foreland basin.” *Bulletin de la Société Géologique de France* **179** (November): 551-568.
- Fouts, David M.** 1997a. “How Short an Evening and Morning? Response 2.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **11** (3): 303-304.
- . 1997b. “How Short an Evening and Morning?” Letter to *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **11** (3): 307-308.
- Fowler, David.** 2011. “Making John Scopes Proud—Finally.” *The Chattanooga* posting 21 February: online text accessed 3/1/2011 (www.chattanooga.com).
- Fowler, Denver W., Elizabeth A. Freedman, John B. Scannella, & Robert E. Kambic.** 2011. “The Predatory Ecology of *Deinonychus* and the Origin of Flapping in Birds.” *PLoS ONE* (online @ plosone.org) **6** (December): e28964.
- Fowler, Douglas M., Carlos L. Araya, Sarel J. Fleishman, Elizabeth H. Kellogg, Jason J. Stephany, David Baker, & Stanley Fields.** 2010. “High-resolution mapping of protein sequence-function relationships.” *Nature Methods* **7** (September): 741-746.
- Fowler, James H., & Nicholas A. Christakis.** 2010. “Cooperative behavior cascades in human social networks.” *Proceedings of the National Academy of Sciences* **107** (23 March): 5334-5338.
- . 2013. “A random world is a fair world.” *Proceedings of the National Academy of Sciences* **110** (12 February): 2440-2441.
- Fowler, James H., & Darren Schreiber.** 2008. “Biology, Politics, and the Emerging Science of Human Nature.” *Science* **322** (7 November): 912-914.
- Fowler, James H., Jaime E. Settle, & Nicholas A. Christakis.** 2011. “Correlated genotypes in friendship networks.” *Proceedings of the National Academy of Sciences* **108** (1 February): 1993-1997.
- Fowler, P. H., & A. R. Lang.** 1977. “Giant haloes in mica.” *Nature* **270** (10 November): 163-164.
- Fox, Alvin.** 2002. “Chemical Markers for Bacteria in Extraterrestrial Samples.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 180-185.
- Fox, Andrew S., Jonathan A. Oler, Steven E. Shelton, Steven A. Nanda, Richard A.**

- Davidson, Patrick H. Roseboom, & Ned H. Kalin.** 2012. “Central amygdala nucleus (Ce) gene expression linked to increased trait-like Ce metabolism and anxious temperament in young primates.” *Proceedings of the National Academy of Sciences* **109** (30 October): 18108-18113.
- Fox, Charles W., Kristy L. Scheibly, & David H. Reed.** 2008. “Experimental Evolution of the Genetic Load and its Implications for the Genetic Basis of Inbreeding Depression.” *Evolution* **62** (September): 2236-2248.
- Fox, Douglas.** 2010. “Could East Antarctica Be Headed for Big Melt?” *Science* **328** (25 June): 1630-1631.
- . 2011a. “A Cold Start.” *Discover Magazine Presents Evolution* (Summer Special Issue): 6-13.
- . 2011b. “Before the Womb.” *Discover Magazine Presents Evolution* (Summer Special Issue): 33-37.
- . 2012. “Trouble bares its claws.” *Nature* **492** (13 December): 170-172.
- . 2016. “What sparked the Cambrian explosion?” *Nature* **530** (18 February): 268-270.
- Fox, Elaine, Anna Ridgewell, & Chris Ashwin.** 2009. “Looking on the bright side: biased attention and the human serotonin transporter gene.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 May): 1747-1751.
- Fox, George E.** 2010a. “Origin and Evolution of the Ribosome.” *Cold Spring Harbor Perspectives in Biology* **2** (September): a003483.
- . 2010b. “Time Points in Ribosomal Evolution.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 10 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Fox, George E., Quyen Tran, & Ada Yonath.** 2012. “An Exit Cavity was Crucial to the Polymerase Activity of the Early Ribosome.” *Astrobiology* **12** (January): 57-60.
- Fox, Jeffrey L.** 2011. “Artemisinin Resistance in Thailand; Carbapenem Resistance Spreading.” *Microbe Magazine* (December): online text accessed 4/7/2012 (www.microbemagazine.org).
- Fox, Maggie.** 2014. “Diane Rehm: My Husband’s Slow, Deliberate Death Was Unnecessary.” *NBC Health News* posting 8 July (online text at nbcnews.com accessed 7/29/2014).
- Fox, Megan.** 2015. “How Christian Homeschoolers Teach Evolution and/or Creationism to their Children.” *PJ Media* 17 August “Parenting” posting (online text at pjmedia.com accessed 11/5/2016).
- Fox, Naomi K., Steven E. Brenner, & John-Marc Chandonia.** 2014. “SCOPE: Structural Classification of Proteins—extended, integrating SCOP and ASTRAL data and classification of new structures.” *Nucleic Acids Research* **42** (January Database Issue): D304-D309.
- Fox, Richard C.** 1977. “Notes on the dentition and relationships of the Late Cretaceous insectivore *Gypsonictops* Simpson.” *Canadian Journal of Earth Sciences* **14** (August): 1823-1831.
- . 2011. “An unusual early primate from the Paleocene Paskapoo Formation, Alberta, Canada.” *Acta Palaeontologica Polonica* **56** (1): 1-10.
- . 2015. “A revision of the Late Cretaceous-Paleocene eutherian mammal *Cimolestes* Marsh, 1889.” *Canadian Journal of Earth Sciences* **52** (December): 1137-1149.
- Fox, Richard C., & Bruce G. Naylor.** 2006. “Stagodontid marsupials from the Late Cretaceous of Canada and their systematic and functional implications.” *Acta Palaeontologica Polonica* **51** (1): 13-36.
- Fox, Sidney.** 1988. *The Emergence of Life: Darwinian Evolution from the Inside*. New York: Basic Books.
- Foxe, John Paul, Tanja Slotte, Eli A. Stahl, Barbara Neuffer, Herbert Hurka, & Stephen I. Wright.** 2009. “Recent speciation associated with the evolution of selfing in *Capsella*.” *Proceedings of the National Academy of Sciences* **106** (31 March): 5241-5245.
- Fox News.** 2005a. “Va. Man Told to Stop Teaching Creationism.” Fox News *Associated Press* posting 19 June: online text accessed 11/12/2005 (foxnews.com).

- . 2005b. “California Religious Schools Sue University Over Creationism.” Fox News *Associated Press* posting 27 August: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005c. “‘Intelligent Design’ Advocate: Evolution Can’t Fully Explain Life.” Fox News *Associated Press* posting 17 October: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005d. “Ex-School Board Member Says He ‘Misspoke’ in Interview Where He Advocated Creationism.” Fox News *Associated Press* posting 27 October: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005e. “University Professor Defends ‘Intelligent Design’.” Fox News *Associated Press* posting 4 November: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005f. “Kansas State Board Approves Teaching Standards Skeptical of Evolution.” Fox News *Associated Press* posting 6 November: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005g. “Pope Cites World’s ‘Intelligent Project’.” Fox News *Associated Press* posting 12 November: online text accessed 11/12/2005 (*foxnews.com*).
- . 2005h. “U. of Kansas Offers Creationism Study.” Fox News *Associated Press* posting 23 November: online text accessed 8/9/2005 (*foxnews.com*).
- . 2007a. “Kansas School Board Repeals Guidelines Questioning Evolution.” Fox News *Associated Press* posting 15 February: online text accessed 1/27/2014 (*foxnews.com*).
- . 2007b. “Oregon Biology Teacher Fired Over Bible References.” Fox News *Associated Press* posting 20 March: online text accessed 1/21/2014 (*foxnews.com*).
- . 2009. “Poll: Majority of Americans Are Pro-Life for the First Time.” *Fox News* posting 15 May: online text accessed 5/20/2009 (*foxnews.com*).
- . 2012. “Study: Number of gay characters on TV at an all-time high.” Fox News *Associated Press* posting 5 October: online text accessed 10/20/2012 (*foxnews.com*).
- . 2017. “Federal scientist cooked climate change books ahead of Obama presentation, whistle blower charges.” *Fox News Science* posting 7 February: online text accessed 2/7/2017 (*foxnews.com*).
- Foxworthy, Bruce L., & Mary Hill.** 1982. “Volcanic Eruptions of 1980 at Mount St. Helens: The First 100 days.” U.S. Department of the Interior *Geological Survey Professional Paper* 1249: 1-25.
- Fraccia, Tommaso P., Gregory P. Smith, Giuliano Zanchetta, Elvezia Paraboschi, Yougwooo Yi, David M. Walba, Giorgio Dieci, Noel A. Clark, & Tommaso Bellini.** 2015. “Abiotic ligation of DNA oligomers template by their liquid crystal ordering.” *Nature Communications* (online @ nature.com) 6 (10 March): 6424.
- Frada, Miguel, Ian Probert, Michael J. Allen, William H. Wilson, & Colomban de Vargas.** 2008. “The ‘Cheshire Cat’ escape strategy of the coccolithophore *Emiliana huxleyi* in response to viral infection.” *Proceedings of the National Academy of Sciences* 105 (14 October): 15944-15949.
- Fraga, Mario F., Esteban Ballestar, Maria F. Paz, Santiago Ropero, Fernando Setien, Maria L. Ballestar, Damia Heine-Suñer, Juan C. Cigudosa, Miguel Urioste, Javier Benitez, Manuel Boix-Chornet, Abel Sanchez-Aguilera, Charlotte Ling, Emma Carlsson, Pernille Poulson, Allan Vaag, Zarko Stephan, Tim D. Spector, Yue-Zhong Wu, Christoph Plass, & Manel Esteller.** 2005. “Epigenetic differences arise during the lifetime of monozygotic twins.” *Proceedings of the National Academy of Sciences* 102 (26 July): 10604-10609.
- Fragaszy, Dorothy M., Yonat Eschar, Elisabetta Visalberghi, Briseida Resende, Kellie Laity, & Patricia Izar.** 2017. “Synchronized practice helps bearded capuchin monkeys learn to extend attention while learning a tradition.” *Proceedings of the National Academy of Sciences* 114 (25 July): 7798-7805.
- Frago, Susana, Ryan D. Nicholls, Madeleine Strickland, Jennifer Hughes, Christopher Williams, Lee Garner, Mirvat Surakhy, Rory Maclean, Dellel Rezgui, Stuart N. Prince, Oliver J. Zaccheo, Daniel Ebner, Sabina Sanegre, Sheng Yu, Francesca M. Buffa, Matthew P. Crump, & Andrew Bassim Hassan.** 2016. “Functional evolution of IGF2:IGF2R domain 11 binding generates novel structural interactions and a specific IGF2 antagonist.” *Proceedings of the National Academy of Sciences* 113 (17 May): E2766-

- E2775.
- Fragomeni, Ashley, & Donald R. Prothero.** 2011. “Stasis in Late Quaternary Birds from the La Brea Tar Pits During the Last Glacial-Interglacial Cycle.” *New Mexico Museum of History and Science Bulletin* 53: 511-516.
- Fraine, Jonathan, Drake Deming, Bjorn Benneke, Heather Knutson, Andrés Jordán, Néstor Espinoza, Nikku Madhusudhan, Ashlee Wilkins, & Kamen Todorov.** 2014. “Water vapour absorption in the clear atmosphere of a Neptune-sized exoplanet.” *Nature* 513 (25 September): 526-529.
- Frair, Wayne.** 1999. “Embryology and Evolution.” *Creation Research Society Quarterly* 36 (September): 62-67.
- . 2000. “Baraminology—Classification of Created Organisms.” *Creation Research Society Quarterly* 37 (September): 82-91.
- Frair, Wayne, & Patrick H. Clancey.** 2001a. “As a Man Thinks...” *Creation Research Society Creation Matters* (March/April): 4-5.
- . 2001b. “Scientific or Unscientific?” *Creation Research Society Creation Matters* (March/April): 5-6.
- Francalacci, Paolo, Laura Morelli, Andrea Angius, Riccardo Berutti, Frederic Reinier, Rossano Atzeni, Rosella Pilu, Fabio Busonero, Andrea Maschio, Ilenia Zara, Daria Sanna, Antonella Useli, Maria Francesca Urru, Marco Marcelli, Roberto Cusano, Manuela Oppo, Magdalena Zoledziewska, Maristella Pitzalis, Francesca Deidda, Eleonora Porcu, Fausto Poddie, Hyun Min Kang, Robert Lyons, Brendan Tarrier, Jennifer Bragg Gresham, Bingshan Li, Sergio Tofanelli, Santos Alonso, Mariano Dei, Sandra Lai, Antonella Mulas, Michael B. Whalen, Sergio Uzzau, Chris Jones, David Schlessinger, Gonçalo R. Abecasis, Serena Sanna, Carlo Sidore, & Francesco Cucca.** 2013. “Low-Pass DNA Sequencing of 1200 Sardinians Reconstructs European Y-Chromosome Phylogeny.” *Science* 341 (2 August): 565-569.
- Franchi, Marco, Emilia Bramanti, Laura Morassi Bonzi, Pier Luigi Orioli, Cristina Vettori, & Enzo Gallori.** 1999. “Clay-Nucleic Acid Complexes: Characteristics and Implications for the Preservation of Genetic Material in Primeval Habitats.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) 29 (May): 297-315.
- Franchi, Marco, James P. Ferris, & Enzo Gallori.** 2003. “Cations as Mediators of the Adsorption of Nucleic Acids on Clay Surfaces in Prebiotic Environments.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) 33 (February): 1-16.
- Franchi, Marco, & Enzo Gallori.** 2004. “Origin, Persistence and Biological Activity of Genetic Material in Prebiotic Habitats.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) 34 (February): 133-141.
- Franchini, Lucia F., Rodrigo López-Leal, Sofia Nasif, Paula Beati, Diego M. Gelman, Malcolm J. Low, Flávio J. S. de Souza, & Marcelo Rubinstein.** 2011. “Convergent evolution of two mammalian neuronal enhancers by sequential exaptation of unrelated retroposons.” *Proceedings of the National Academy of Sciences* 108 (13 September): 15270-15275.
- Francia, Maria E., Carly N. Jordan, Jay D. Patel, Lilach Sheiner, Jessica L. Demerly, Justin D. Fellows, Jessica Cruz de Leon, Naomi S. Morrissette, Jean-François Dubremetz, & Boris Striepen.** 2012. “Cell Division in Apicomplexan Parasites Is Organized by a Homolog of the Striated Rootlet Fiber of Algal Flagella.” *PLoS Biology* (online @ plosbiology.org) 10 (December): e1001444.
- Francioli, Laurent C., Paz P. Polak, Amnon Koren, Androniki Menelaou, Sung Chun, Ivo Renkens, Genome of the Netherlands Consortium, Cornelia M. van Duijn, Morris Swertz, Cisca Wijmenga, Gertjan van Ommen, P. Eline Slagboom, Dorrett I. Boomsma, Kai Ye, Victor Guryev, Peter F. Arndt, Wigard P. Kloosterman, Paul I. W. de Bakker, & Shamil R. Sunyaev.** 2015. “Genome-wide patterns and properties of *de novo* mutations in humans.” *Nature Genetics* 47 (July): 822-826.
- Francis, Charles M., Edythe L. P. Anthony, Jennifer A. Brunton, & Thomas H. Kunz.** 1994. “Lactation in male fruit bats.” *Nature* 367 (24 February): 691-692.

- Francis, Gregory.** 2012. “Evidence that publication bias contaminated studies relating social class and unethical behavior.” *Proceedings of the National Academy of Sciences* **109** (19 June): E1587.
- . 2014. “Too Much Success for Recent Groundbreaking Epigenetic Experiments.” *Genetics* **198** (October): 449-451.
- Francis, Jane.** 2008. “Has there always been ice at the poles?” in Benton (2008a, 148-150).
- Francis, Joseph W.** 2003. “The Organosubstrate of Life: A Creationist Perspective of Microbes and Viruses.” *Answers in Genesis* 20 May 2009 posting of Creation Science Fellowship *Fifth International Conference on Creationism* paper (online text at www.answersingenesis.org accessed 11/25/2013).
- . 2009. “Good Designs Gone Bad.” *Answers in Genesis Answers Magazine* (July-September): 32-35.
- . 2013a. “Oxygen, Water and Light, Oh My! The Toxicity of Life’s Basic Necessities.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at www.4truth.net accessed 11/25/2013).
- . 2013b. “What About Bacteria?” *Answers in Genesis* 23 January 2015 posting of *The New Answers Book 3* Chapter 31 (online text at www.answersingenesis.org accessed 2/17/2015).
- Francis, J., & R. W. Sanders.** 2012. “Origin of Pine Bark Beetle Infestations: A Proposed Project.” Abstract of *Creation Biology Society Annual Conference* paper. *Creation Biology Society Journal of Creation Theology and Science Series B: Life Sciences* **2**: 2-3.
- Francis, Mark.** 1974. “The Origins of *Essays and Reviews*: An Interpretation of Mark Pattison in the 1850s.” *The Historical Journal* **17** (December): 797-811.
- Francis, Noreen R., Vera M. Irikura, Shigeru Yamaguchi, David J. DeRosier, & Robert M. Macnab.** 1992. “Localization of the *Salmonella typhimurium* flagellar switch protein FliG to the cytoplasmic M-ring face of the basal body.” *Proceedings of the National Academy of Sciences* **89** (15 July): 6304-6308.
- Francis, Richard C.** 2011. *Epigenetics: The Ultimate Mystery of Inheritance*. New York: W. W. Norton & Co.
- . 2015. *Domesticated: Evolution in a Man-Made World*. New York: W. W. Norton & Co.
- Franciscan University.** 2012. “Science and Faith Conference.” *Franciscan University of Steubenville* posting (online text at www.franciscan.edu accessed 12/20/2013).
- Francisco, F., O. Bertomali, P. J. S. Gil, & J. Páramos.** 2011. “Modelling the reflective thermal contribution to the acceleration of the Pioneer spacecraft.” *Physics arXiv.org* blog posting 27 March (online abstract at arxiv.org accessed 6/7/2011).
- Francisco, Michael.** 2006a. “‘Judge Jones said it, I believe it, that settles it’ – The Missing Legal Basis in Kitzmiller.” *Center for Science & Culture* posting of 26 January (online text at discovery.org accessed 2/22/2006).
- . 2006b. “Did the ACLU Squeeze the Intelligent Design Decision out of Dover?” *Center for Science & Culture* posting of 4 April (online text at discovery.org accessed 4/6/2006).
- . 2006c. “Bowman Law Review Makes Good Points but Article Misunderstands ID.” *Discovery Institute Evolution News & Views* for 24 April (online text at evolutionnews.org accessed 1/5/2013).
- Franciscus, Robert G.** 2009. “When did the modern human pattern of childbirth arise? New insights from an old Neandertal pelvis.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9125-9126.
- Francklyn, Christopher.** 2003. “tRNA synthetase paralogs: Evolutionary links in the transition from tRNA-dependent amino acid biosynthesis to *de novo* biosynthesis.” *Proceedings of the National Academy of Sciences* **100** (19 August): 9650-9652.
- Franco, Santos J., Cristina Gil-Sanz, Isabel Martínez-Garay, Ana Espinosa, Sarah R. Harkins-Perry, Cynthia Ramos, & Ulrich Müller.** 2012. “Fate-Restricted Neural Progenitors in the Mammalian Cerebral Cortex.” *Science* **337** (10 August): 746-749.
- Frangiskakis, J. Michael, Amanda K. Ewart, Colleen A. Morris, Carolyn B. Mervis, Jacquelyn Bertrand, Byron F. Robinson, Bonita P. Klein, Gregory J. Ensing, Lorraine**

- A. Everett, Eric D. Green, Christoph Pröschel, Nick J. Gutowski, Mark Noble, Donald L. Atkinson, Shannon J. Oldenberg, & Mark T. Keating.** 1996. “*LIM-kinase 1* Hemizygosity Implicated in Impaired Visuospatial Constructive Cognition.” *Cell* **86** (12 July): 59-69.
- Frank, Adam.** 2009. *The Constant Fire: Beyond the Science vs. Religion Debate*. Berkeley, CA: University of California Press.
- . 2013. “Welcome to the Age of Denial.” *The New York Times* posting 21 August: online text accessed 8/21/2014 (www.nytimes.com).
- . 2016. “Yes, There Have Been Aliens.” *The New York Times* posting 10 June: online text accessed 6/23/2016 (www.nytimes.com).
- . 2017. “Minding Matter.” *AEON* 13 March posting (online text at aeon.co accessed 4/9/2017).
- Frank, Adam, & Marcelo Gleiser.** 2015. “A Crisis at the Edge of Physics.” *The New York Times* posting 5 June: online text accessed 6/11/2015 (www.nytimes.com).
- Frank, A., & W. T. Sullivan III.** 2016. “A New Empirical Constraint on the Prevalence of Technological Species in the Universe.” *Astrobiology* **16** (13 May): 359-362.
- Frank, David.** 2013. “Are Military and Media Leaders Embracing an Anti-Christian Extremist?” *American Center for Law and Justice* 2 May posting (online text at aclj.org accessed 5/4/2013).
- Frank, David C., Jan Esper, Christoph C. Raible, Ulf Büntgen, Valerie Trouet, Benjamin Stocker, & Fortunat Joos.** 2010. “Ensemble reconstruction constraints on the global carbon cycle sensitivity to climate.” *Nature* **463** (29 January): 527-530.
- Frank, Gerhard, Werner Hemmert, & Anthony W. Gummer.** 1999. “Limiting dynamics of high-frequency electromechanical transduction of outer hair cells.” *Proceedings of the National Academy of Sciences* **96** (13 April): 4420-4425.
- Frank, Lone.** 2003. “Skeptical Environmentalist Labeled ‘Dishonest’.” *Science* **299** (17 January): 326.
- Frank, Margaret H., & Michael J. Scanlon.** 2015. “Transcriptomic Evidence for the Evolution of Shoot Meristem Function in Sporophyte-Dominant Land Plants through Concerted Selection of Ancestral Gametophytic and Sporophytic Genetic Programs.” *Molecular Biology and Evolution* **32** (February): 355-367.
- Frank, Michael C., & Noah D. Goodman.** 2012. “Predicting Pragmatic Reasoning in Language Games.” *Science* **336** (25 May): 998.
- Frank, Ronald G., Perry S. Gerard, & Gilbert J. Wise.** 1989. “Human Penile Ossification: A Case Report and Review of the Literature.” *Urologic Radiology* **11** (December): 179-181.
- Frank, Steven A.** 1995. “George Price’s Contributions to Evolutionary Genetics.” *Journal of Theoretical Biology* **175** (7 August): 373-388.
- . 2004. “Commentary: Mathematical models of cancer progression and epidemiology in the age of high throughput genomics.” *International Journal of Epidemiology* **33** (6): 1179-1181.
- Frank, Steven A., & Bernard J. Crespi.** 2011. “Pathology from evolutionary conflict, with a theory of X chromosome versus autosome conflict over sexually antagonistic traits.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10886-10893.
- Franke, David.** 2014. “In Defense of ‘God’s Not Dead.’” *The American Conservative* posting 25 April (online text at www.theamericanconservative.com accessed 9/22/2014).
- Franke, Tyler.** 2013. “The Top 10 Signs That You Don’t Understand Evolution At All.” *God of Evolution* 7 November posting (online text at www.godofevolution.com accessed 7/17/2015).
- Frankel, Joseph.** 2008. “What Do Genic Mutations Tell Us about the Structural Patterning of a Complex Single-Celled Organism?” *Eukaryotic Cell* **7** (October): 1617-1639.
- . 2012. “The largest dividing cells: are they alike?” in *What determines cell size?* Forum. *BMC Biology* (online @ biomedcentral.com) **10** (14 December): 101.
- Frankel, Nicolás, Gregory K. Davis, Diego Vargas, Shu Wang, François Payre, & David L. Stern.** 2010. “Phenotypic robustness conferred by apparently redundant transcriptional

- enhancers.” *Nature* **466** (22 July): 490-493.
- Frankel, Nicolás, Shu Wang, & David L. Stern.** 2012. “Conserved regulatory architecture underlies parallel genetic changes and convergent phenotypic evolution.” *Proceedings of the National Academy of Sciences* **109** (18 December): 20975-20979.
- Frankel, Nicolás, Deniz F. Erezylmaz, Alistair P. McGregor, Shu Wang, François Payre, & David L. Stern.** 2011. “Morphological evolution caused by many subtle-effect substitutions in regulatory DNA.” *Nature* **474** (30 June): 598-603.
- Frankel, Todd C.** 2001a. “Darwin debate is still evolving.” *The Herald* (Everett, Washington) 10 August posting (online text at www.heraldnet.com accessed 1/8/2002, not available as of 1/18/2014).
- . 2001b. “Survival of the fittest teacher?” *The Herald* (Everett, Washington) 19 August posting (online text at www.heraldnet.com accessed 10/29/2001, not available as of 1/18/2014).
- Frankenberg, Christian, Kei Yoshimura, Thorsten Warneke, Ilse Aben, André Butz, Nicholas Deutscher, David Griffith, Frank Hase, Justus Notholt, Matthias Schneider, Hans Schrijver, & Thomas Röckmann.** 2009. “Dynamic Processes Governing Lower-Tropospheric HDO/H₂O Ratios as Observed from Space and Ground.” *Science* **325** (11 September): 1374-1377.
- Frankenberg, Stephen, & Marilyn B. Renfree.** 2013. “On the origin of POU5F1.” *BMC Biology* (online @ biomedcentral.com) **11** (9 May): 56.
- Frankenstein, Marilyn, Rochelle Gutiérrez, Danny Martin, Judit Moschkovich, Edd Taylor, & David Barnes.** 2010. “Addressing Racism.” National Council of Teachers of Mathematics *Journal for Research in Mathematics Education* posting (online pdf at www.nctm.org accessed 10/24/2011).
- Franke-Ruta, Garance.** 2011. “The Echoes of Ayn Rand in Paul Ryan’s Budget Plan.” *The Atlantic* posting 11 April: online text accessed 4/27/2011 (theatlantic.com).
- Frankish, Keith.** 2009. “Adaptive misbelief or judicious pragmatic acceptance?” *Behavioral and Brain Sciences* **32** (6): 520-521.
- . 2011. “Conscious thinking, acceptance, and self-deception.” *Behavioral and Brain Sciences* **34** (1): 20-21.
- Frankland, Paul W., & Bruno Bontempi.** 2006. “Fast track to the medial prefrontal cortex.” *Proceedings of the National Academy of Sciences* **103** (6 January): 509-510.
- Frankland, Paul W., & Sheena A. Josselyn.** 2013. “Memory and the single molecule.” *Nature* **493** (17 January): 312-313.
- Frankland, Steven M., & Joshua D. Greene.** 2015. “An architecture for encoding sentence meaning in left mid-superior temporal cortex.” *Proceedings of the National Academy of Sciences* **112** (15 September): 11732-11737.
- Franklin, Craig E., & Michael Axelsson.** 1994. “The intrinsic properties of an *in situ* perfused crocodile heart.” *The Journal of Experimental Biology* **186** (January): 269-288.
- . 2000. “An actively controlled heart valve.” *Nature* **406** (24 August): 847-848.
- Franklin, Craig, Frank Seebacher, Gordon C. Grigg, & Michael Axelsson.** 2000. “At the Crocodilian Heart of the Matter,” with Response by **Dale A. Russell, Michael K. Stoskop, Paul E. Fisher, & Reese E. Barrick.** *Science* **289** (8 September): 1687-1688.
- Franklin, James.** 1997. “Stove’s Anti-Darwinism.” *Philosophy* **72** (January): 133-136.
- Franklin, Sarah, & Thomas M. Vondriska.** 2011. “Genomes, Proteomes, and the Central Dogma.” *Circulation: Cardiovascular Genetics* **4** (October): 576.
- Franklin, Tamara B., Holger Russig, Isabelle C. Weiss, Johannes Gräff, Natacha Linder, Aubin Michalon, Sandor Vizi, & Isabelle M. Mansuy.** 2010. “Epigenetic Transmission of the Impact of Early Stress Across Generations.” *Biological Psychiatry* **768**(1 September): 408-415.
- Franks, Peter J., & David J. Beerling.** 2009. “Maximum leaf conductance driven by CO₂ effects on stomatal size and density over geologic time.” *Proceedings of the National Academy of Sciences* **106** (23 June): 10343-10347.
- Franks, Peter J., Rob P. Freckleton, Jeremy M. Beaulieu, Ilia J. Leitch, & David J. Beerling.**

2012. “Megacycles of atmospheric carbon dioxide concentration correlate with fossil plant genome size.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (February): 556-564.
- Franne, Johanna, Manfred Alsheimer, Jean-Nicolas Volff, Karoline Busch, Sebastian Fraune, Thomas C. G. Bosch, & Ricardo Benavente.** 2012. “Hydra meiosis reveals unexpected conservation of structural synaptonemal complex proteins across metazoans.” *Proceedings of the National Academy of Sciences* **109** (9 October): 16588-16593.
- Franson, James D.** 2010. “Pairs Rule Quantum Interference.” *Science* **329** (23 July): 396-397.
- Franssen, Susanne U., Jenny Gu, Nina Bergmann, Gidon Winters, Ulrich C. Klostermeier, Philip Rosenstiel, Erich Bornberg-Bauer, & Thorsten B. H. Reusch.** 2011. “Transcriptomic resilience to global warming in the seagrass *Zostera marina*, a marine foundation species.” *Proceedings of the National Academy of Sciences* **108** (29 November): 19276-19281.
- Frantz, Laurent A. F., Victoria E. Mullin, Maud Pionnier-Capitan, Ophélie Lebrasseur, Morgane Ollivier, Angela Perri, Anna Linderholm, Valeria Mattiangeli, Matthew D. Teasdale, Evangelos A. Dimopoulos, Anne Tresset, Marilynne Duffraisse, Finbar McCormick, László Bartosiewicz, Erika Gál, Éva A. Nyerges, Mikhail V. Sablin, Stéphanie Bréhard, Marjan Mashkour, Adrian Bălăşescu, Benjamin Gillet, Sandrine Hughes, Olivier Chassaing, Christophe Hitte, Jean-Denis Vigne, Keith Dobney, Catherine Hänni, Daniel G. Bradley, & Greger Larson.** 2016. “Genomic and archaeological evidence suggests a dual origin of domestic dogs.” *Science* **352** (3 June): 1228-1231.
- Franze, Kristian, Jens Grosche, Serguei N. Skatchkov, Stefan Schinkinger, Christian Foja, Detlev Schild, Ortrud Uckermann, Kort Travis, Andreas Reichenbach, & Jochen Guck.** 2007. “Müller cells are living optical fibers in the vertebrate retina.” *Proceedings of the National Academy of Sciences* **104** (15 May): 8287-8292.
- Franzen, Jens L., Philip D. Gingerich, Jörg Habersetzer, Jørn H. Hurum, Wighart von Koenigswald, & B. Holly Smith.** 2009. “Complete Primate Skeleton from the Middle Eocene of Messel in Germany: Morphology and Paleobiology.” *PLoS ONE* (online @ plosone.org) **4** (May): e5723.
- Franzenburg, Sören, Sebastian Fraune, Sven Künzel, John F. Baines, Tomislav Domazet-Lošo, & Thomas C. G. Bosch.** 2012. “MyD88-deficient *Hydra* reveal an ancient function of TLR signaling in sensing bacterial colonizers.” *Proceedings of the National Academy of Sciences* **109** (20 November): 19374-19379.
- Franz-Odenaal, Tamara A., & Matthew K. Vickaryous.** 2006. “Skeletal Elements in the Vertebrate Eye and Adnexa: Morphological and Developmental Perspectives.” *Developmental Dynamics* **235** (May): 1244-1255.
- Fraser, Christophe, William P. Hanage, & Brian G. Spratt.** 2007. “Recombination and the Nature of Bacterial Speciation.” *Science* **315** (26 January): 476-480.
- Fraser, Claire M., Jeanine D. Gocayne, Owen White, Mark D. Adams, Rebecca A. Clayton, Robert D. Fleischmann, Carol J. Bult, Anthony R. Kerlavage, Granger Sutton, Jenny M. Kelley, Janice L. Fritchman, Janice F. Weidman, Keith V. Small, Mina Sandusky, Joyce Fuhrmann, David Nguyen, Teresa R. Utterback, Deborah M. Saudek, Cheryl A. Phillips, Joseph M. Merrick, Jean-Francois Tomb, Brian A. Dougherty, Kenneth F. Bott, Ping-Chuan Hu, Thomas S. Lucier, Scott N. Peterson, Hamilton O. Smith, Clyde A. Hutchison III, & J. Craig Venter.** 1995. “The Minimal Gene Complement of *Mycoplasma genitalium*.” *Science* **270** (20 October): 397-403.
- Fraser, D. J., & L. Bernatchez.** 2005. “Allopatric origins of sympatric brook charr populations: colonization history and admixture.” *Molecular Ecology* **14** (May): 1797-1509.
- Fraser, Gareth J., Ralf Britz, Andie Hall, Zerina Johanson, & Moya M. Smith.** 2012. “Replacing the first-generation dentition in pufferfish with a unique beak.” *Proceedings of the National Academy of Sciences* **109** (22 May): 8179-8184.
- Fraser, Gareth J., C. Darrin Hulsey, Ryan F. Bloomquist, Kristine Uyesugi, Nancy R. Manley, & J. Todd Strelman.** 2009. “An Ancient Gene Network Is Co-opted for Teeth on Old and New Jaws.” *PLoS Biology* (online @ plosbiology.org) **7** (February): e1000031.

- Fraser, Giles.** 2015. "I don't believe in the God that Stephen Fry doesn't believe in either." *The Guardian* posting 2 February (online text at *theguardian.com* accessed 2/4/2015).
- Fraser, Hunter B., Aaron E. Hirsh, Lars M. Steinmetz, Curt Scharfe, & Marcus W. Feldman.** 2002. "Evolutionary Rate in the Protein Interaction Network." *Science* **296** (26 April): 750-752.
- Fraser, Liam Jerrold.** 2015. "The Secret Sympathy: New Atheism, Protestant Fundamentalism, and Evolution." *Open Theology* **1** (October): 445-454.
- Fraser, Hunter B., Alan M. Moses, & Eric E. Schadt.** 2010. "Evidence for widespread adaptive evolution of gene expression in budding yeast." *Proceedings of the National Academy of Sciences* **107** (16 February): 2977-2982.
- Fraser, James W.** 1999. *Between Church and State: Religion and Public Education in a Multicultural America*. New York: St. Martin's Press.
- Fraser, Jane, Luciane Vieira de Mello, Deborah Ward, Huw H. Rees, Daryl R. Williams, Yongehang Fang, Andrew Brass, Andrew Y. Gracey, & Andrew R. Cossins.** 2006. "Hypoxia-inducible myoglobin expression in nonmuscle tissues." *Proceedings of the National Academy of Sciences* **103** (21 February): 2977-2981.
- Fraser, Nicholas C.** 1997. "Genesis of snakes in exodus from the sea." *Nature* **386** (17 April): 651-652.
- . 2006. *Dawn of the Dinosaurs: Life in the Triassic*. Bloomington, IN: Indiana University Press.
- Fraser, Nicholas C., David A. Grimaldi, Paul E. Olsen, & Brian Axsmith.** 1996. "A Triassic Lagerstätte from eastern North America." *Nature* **380** (18 April): 615-619.
- Fraser, N. C., K. Padian, G. M. Walkden, & A. L. M. Davis.** 2002. "Basal Dinosauriform Remains from Britain and the Diagnosis of the Dinosauria." *Palaeontology* **45** (February): 79-95.
- Fraser, Nicholas C., & Hans-Dieter Sues,** eds. 1994. *In the Shadow of the Dinosaurs—Early Mesozoic Tetrapods*. Cambridge: Cambridge University Press.
- Fraser, Scott E., & Richard M. Harland.** 2000. "The Molecular Metamorphosis of Experimental Embryology." *Cell* **100** (7 January): 41-55.
- Frazier, Timothy R., & Carol Roderick.** 2011. "Improving How Evolution Is Taught: Facilitating a Shift from Memorization to Evolutionary Thinking." *Evolution: Education & Outreach* **4** (June): 298-307.
- Frass, Michael, Christoph Dielacher, Manfred Linkesch, Christian Endler, Ilse Muchitsch, Ernst Schuster, & Alan Kaye.** 2005. "Influence of Potassium Dichromate on Tracheal Secretions in Critically Ill Patients." *American College of Chest Physicians Chest* **127** (March): 936-941.
- Frassetto, Michael.** 2007. *The Great Medieval Heretics: Five Centuries of Religious Dissent*. 2008 US ed of UK *Heretic Lives*. New York: BlueBridge.
- Fraune, Sebastian, René Augustin, Friederike Anton-Erxleben, Jörg Wittlieb, Christoph Gelhaus, Vladimir B. Klimovich, Marina P. Samoilovich, & Thomas C. G. Bosch.** 2010. "In an early branching metazoan, bacterial colonization of the embryo is controlled by maternal antimicrobial peptides." *Proceedings of the National Academy of Sciences* **107** (19 October): 18067-18072.
- Frazer, Kelly A., Xiyin Chen, David A. Hinds, P. V. Krishna Pant, Nila Patil, & David R. Cox.** 2003. "Genomic DNA Insertions and Deletions Occur Frequently Between Humans and Nonhuman Primates." *Genome Research* **13** (March): 341-346.
- Frazier, Jennifer.** 2014. "Bacterial Motors Come in a Dizzying Array of Models." *The Artful Amoeba* blog for 16 December (online text at *blogs.scientificamerican.com* accessed 12/21/2014).
- . 2015. "When Jellyfish Became Parasites, Strange Things Happened." *The Artful Amoeba* blog for 9 December (online text at *blogs.scientificamerican.com* accessed 12/16/2015).
- . 2016. "Crumpled Sock? Churo? No, That's Just *Xenoturbella*." *The Artful Amoeba* blog for 27 April (online text at *blogs.scientificamerican.com* accessed 4/30/2016).
- Frazier, Kendrick,** ed. 1986. *Science Confronts the Paranormal*. Amherst, NY: Prometheus

Books.

- . 1999. “‘Intelligent Design’s’ Chinese ‘Deep Throat’?” *Skeptical Inquirer* **23** (November/December): 7.
- . 2000. “Visionary of 2001, and Way Beyond.” *Skeptical Inquirer* **24** (May/June): 47-49.
- . 2001. “Was the ‘Rare Earth’ Hypothesis Influenced by a Creationist?” *Skeptical Inquirer* **25** (November/December): 7-8.
- . 2013. “Psychologists’ Paper on Conspiracist Thinking Stimulates More of It.” *Skeptical Inquirer* **37** (May/June): 7, 9.
- Frazier, Kendrick, & Christopher K. Frazier.** 1998. “32 Sandia Scientists Sign Statement on Validity of Earth Dating.” *Skeptical Inquirer* **22** (March/April): 6-7.
- Frazier, Matt.** 2003. “Biology textbook hearings prompt science disputes.” *CentreDaily* 8 July posting (online text at www.centredaily.com accessed 7/10/2003).
- Fredrickson, James K., & Tullis C. Onstott.** 1996. “Microbes Deep inside the Earth.” *Scientific American* **275** (October): 68-73.
- Freedberg, Louis.** 2002. “Intelligent Design’s Public Defender.” *San Francisco Chronicle* (21 April) *Discovery Institute News* posting (online text at discovery.org accessed 4/30/2002).
- Freedman, Adam H., Ilan Gronau, Rena M. Schweizer, Diego Ortega-Del Vecchyo, Eunjung Han, Pedro M. Silva, Marco Galaverni, Zhenxin Fan, Peter Marx, Belen Lorente-Galdos, Holly Beale, Oscar Ramirez, Farhad Hormozdiari, Can Alkan, Carles Vilà, Kevin Squire, Eli Geffen, Josip Kusak, Adam R. Boyko, Heidi G. Parker, Clarence Lee, Vasisht Tadigotla, Adam Siepel, Carlos D. Bustamante, Timothy T. Harkins, Stanley F. Nelson, Elaine A. Ostrander, Tomas Marques-Bonet, Robert K. Wayne, & John Novembre.** 2014. “Genome Sequencing Highlights the Dynamic Early History of Dogs.” *PLoS Genetics* (online @ plosgenetics.org) **10** (January): e1004016.
- Freedman, David H.** 1994. “Quantum Consciousness.” *Discover* **15** (June): online text accessed 6/20/2011 (discovermagazine.com).
- Freedman, O., S. Orenstein, P. Boston, T. Amour, J. Seely, & B. M. Mount.** 2002. “Spirituality, Religion, and Health: a Critical Appraisal of the Larson Reports.” *Annals (Royal College of Physicians and Surgeons Canada)* **35** (March): 90-93.
- Freedman, Wendy L., & Barry F. Madore.** 2010. “The Hubble Constant.” *Annual Review of Astronomy and Astrophysics* **48**: 673-710.
- Freedman, Wendy L., Barry F. Madore, Jeremy R. Moul, Robert Hill, Laura Ferrarese, Robert C. Kennicutt Jr., Abhijit Saha, Peter B. Stetson, John A. Graham, Holland Ford, John G. Hoessel, John Huchra, Shaun M. Hughes, & Garth D. Illingworth.** 1994. “Distance to the Virgo cluster galaxy M100 from Hubble Space Telescope observations of Cepheids.” *Nature* **371** (27 October): 757-762.
- FreedomFest.* 2013a. “Keynote Speakers.” *FreedomFest MMXIII* posting (online text at freedomfest.com accessed 6/20/2013).
- . 2013b. “All Other Speakers.” *FreedomFest MMXIII* posting (online text at freedomfest.com accessed 6/20/2013).
- Freedom Forum.* 1995. “Religious Liberty, Public Education, and the Future of American Democracy: A Statement of Principles.” *Freedom Forum* pamphlet posting (online pdf at www.freedomforum.org accessed 1/9/2011).
- Freedom From Religion.* 2010. “Read 7th Circuit ruling denying FFRF right to stay in court.” *Freedom From Religion Foundation* April posting (online text at www.ffrf.org accessed 12/11/2012).
- . 2011a. “FFRF asks Supreme Court to overturn ‘under God’ in pledge decision.” *Freedom From Religion Foundation* posting 29 March (online text at www.ffrf.org accessed 5/2/2011).
- . 2011b. “FFRF to Forest Service: Remove Montana Jesus shrine.” *Freedom From Religion Foundation* posting 27 October (online text at www.ffrf.org accessed 11/2/2011).
- . 2012. “It’s Time to Quit the Catholic Church.” *Freedom From Religion Foundation* advertisement (online pdf at www.ffrf.org accessed 3/2/2012).
- . 2013a. “Ball State U investigates whether teaching is preaching.” *Freedom From*

- Religion Foundation* press release (online text at www.ffrf.org accessed 5/25/2013).
- . 2013b. “FFRF objects to religious symbol at Ohio Capitol.” *Freedom From Religion Foundation* 18 July press release (online text at www.ffrf.org accessed 7/25/2013).
- . 2013c. “Where is the ‘choice’? Catholic schools win big in Wisconsin voucher scheme.” *Freedom From Religion Foundation* 19 August posting (online text at www.ffrf.org accessed 8/20/2013).
- . 2013d. “Oliver Wendell Holmes, Jr.” *Freedom From Religion Foundation* undated posting (online text at www.ffrf.org accessed 10/15/2013).
- . 2013e. “Godless Gettysburg Address enjoys sesquicentennial.” *Freedom From Religion Foundation* 18 November posting (online text at www.ffrf.org accessed 11/19/2013).
- . 2014a. “Ask Obama to veto prayer addition to WWII memorial.” *Freedom From Religion Foundation* 25 June *Action Alert!* email posting (online text via www.ffrf.org accessed 6/25/2014).
- . 2014b. “Ask Congress to counter Supreme Court’s Hobby Lobby ruling.” *Freedom From Religion Foundation* 30 June *Action Alert!* email posting (online text via www.ffrf.org accessed 7/3/2014).
- . 2014c. “Dogma Should NOT TRUMP Our Civil Liberties.” *Freedom From Religion Foundation* 2 July *New York Times* ad posting (online pdf at www.ffrf.org accessed 7/3/2014).
- . 2014d. “FAQ on FFRF’s settlement with the IRS over electioneering by religious organizations.” *Freedom From Religion Foundation* 7 August posting (online text at www.ffrf.org accessed 8/10/2014).
- . 2014e. “Navy wavers on bible removal—act now to retain FFRF victory, remove bibles from naval accommodations.” *Freedom From Religion Foundation* 15 August *Action Alert!* email posting (online text via www.ffrf.org accessed 8/15/2014).
- . 2015a. “Protest Saudi Arabian Lashings.” *Freedom From Religion Foundation* 20 January *Action Alert!* email posting (online text via www.ffrf.org accessed 1/20/2015).
- . 2015b. “FFRF’s display stolen from Wis. Capitol.” *Freedom From Religion Foundation* April *Freethought Today* posting (online text at www.ffrf.org accessed 12/15/2015).
- . 2015c. “Bibles removed from Northern Illinois University following FFRF objection.” *Freedom From Religion Foundation* 30 October posting (online text at www.ffrf.org accessed 11/13/2015).
- . 2016a. “Ohio teacher stops peddling creationism.” *Freedom From Religion Foundation* 13 April posting (online text at www.ffrf.org accessed 4/15/2016).
- . 2016b. “Kentucky judge turns away nonreligious couple.” *Freedom From Religion Foundation* 13 July posting (online text at www.ffrf.org accessed 7/13/2016).
- Freedom Project Education*. 2015. “Science Classes Book List.” *Freedom Project Education* undated posting (online text at fpeusa.org accessed 1/1/2016).
- FreedomWorks*. 2000. “Citizen’s Issue Summary: Global Warming.” *FreedomWorks* posting 15 March (online text at www.freedomworks.org accessed 4/27/2011).
- . 2003. “Stop the Extremists on Global Warming: An open letter to ExxonMobil Shareholders.” *FreedomWorks* posting 26 May (online text at www.freedomworks.org accessed 4/27/2011).
- Freedom Writer*. 1994. “The Rutherford Institute.” Institute for First Amendment Studies *Freedom Writer* (June) article posting (online text at www.publiceye.org accessed 1/9/2014).
- Free Hovind*. 2014. “Petition.” *Free Hovind* updated posting of 2007 petition (online text at freehovind.com accessed 1/8/2014).
- FreeKent*. 2015. “Montana Creationism Bill Introduced | Christians Fight To Reclaim America.” #FreeKent 29 January posting (online text at freekenthovind.com accessed 1/30/2015).
- Freeland, Joanna R., & Peter T. Boag**. 1999. “Phylogenetics of Darwin’s Finches: Paraphyly in the Tree-Finches, and Two Divergent Lineages in the Warbler Finch.” *The Auk* **116** (July): 577-588.
- Freeland, Stephen J.** 2010. “Making Sense of Life’s Amino Acid Alphabet.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 8 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).

- . 2011. “The Evolutionary Origins of Genetic Information.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (December): 240-254.
- Freeland, Stephen J., & Laurence D. Hurst.** 2004. “Evolution Encoded.” *Scientific American* **290** (April): 84-91.
- Freeland, Stephen J., Robin D. Knight, & Laura F. Landweber.** 1999. “Do Proteins Predate DNA?” *Science* **286** (22 October): 690-692.
- . 2000. “Measuring adaptation within the genetic code.” *Trends in Biochemical Sciences* **25** (February): 44-45.
- Freeland, Stephen J., Robin D. Knight, Laura F. Landweber, & Laurence D. Hurst.** 2000. “Early Fixation of an Optimal Genetic Code.” *Molecular Biology and Evolution* **17** (April): 511-518.
- Freeland, Stephen J., Tao Wu, & Nick Keulmann.** 2003. “The Case for an Error Minimizing Standard Genetic Code.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **33** (October): 457-477.
- Freeling, Michael, & Brian C. Thomas.** 2006. “Gene-balanced duplications, like tetraploidy, provide predictable drive to increase morphological complexity.” *Genome Research* **16** (July): 805-814.
- Freeman, Andrew.** 2015a. “The Truth About Evolution.” *Pockdock* undated posting (online pdf at pockdock.com accessed 6/7/2016).
- . 2015b. “The Truth About the NIV.” *Pockdock* undated posting (online pdf at pockdock.com accessed 6/7/2016).
- Freeman, Bill.** 2013. “Does Fracking Harm the Environment?” *American Institute for Technology and Science* 12 February posting (online text at www.aitse.org accessed 8/2/2014).
- Freeman, Charles.** 2014. “The Origins of the Shroud of Turin.” *History Today* November article posting (online text at www.historytoday.com accessed 11/30/2014).
- Freeman, Colin L., John H. Harding, David Quigley, & P. Mark Rodger.** 2010. “Structural Control of Crystal Nuclei by an Eggshell Protein.” *Angewandte Chemie International Edition* **49** (12 July): 5135-5137.
- Freeman, Eric F.** 1976. “Mammal Teeth from the Forest Marble (Middle Jurassic) of Oxfordshire, England.” *Science* **194** (3 December): 1053-1055.
- Freeman, G. Mark, & Erik D. Herzog.** 2011. “Neuropeptides go the distance for circadian synchrony.” *Proceedings of the National Academy of Sciences* **108** (23 August): 13883-13884.
- Freeman, Gary.** 2009. “The rise of bilaterians.” *Historical Biology* **19** (March-June): 99-114.
- Freeman, John.** 1852. *Life of the Rev. William Kirby, MA, FRS, FLS, Rector of Barham.* London: Longman, Brown, Green and Longmans.
- Freeman, Joe.** 2014. “As Cambodia Erupts in Protest, a Stolen Buddhist Relic Ignites Anger.” *Religion Dispatches* 5 January posting (online text at religionsdispatches.org accessed 1/20/2014).
- Freeman, Marc R.** 2010. “Specification and Morphogenesis of Astrocytes.” *Science* **330** (5 November): 774-778.
- Freeman, Rebecca L., & James F. Miller.** 2011. “First Report of a Larval Shell Repair Scar on a Lingulate Brachiopod: Evidence of Durophagous Predation in the Cambrian Pelagic Realm?” *Journal of Paleontology* **85** (July): 695-702.
- Freeman, Zoë N., Steve Dorus, & Nicholas R. Waterfield.** 2013. “The KdpD/KdpE Two-Component System: Integrating K⁺ Homeostasis and Virulence.” *PLoS Pathogens* (online @ plospathogens.org) **9** (March): e1003201.
- Freer-Waters, Rachel A., & A. J. Timothy Jull.** 2010. “Investigating a Dated Piece of the Shroud of Turin.” *Radiocarbon* **52** (4): 1521-1527.
- Freeth, Tony.** 2009. “Decoding an Ancient Computer.” *Scientific American* **301** (December): 76-83.
- Freeth, T., Y. Bitsakis, X. Moussas, J. H. Seiradakis, A. Tselikas, H. Mangou, M. Zafeiropoulou, R. Hadland, D. Bate, A. Ramsey, M. Allen, A. Crawley, P. Hockley, T.**

- Malzbender, D. Gelb, W. Ambrisco, & M. G. Edmunds.** 2006. “Decoding the ancient Greek astronomical calculator known as the Antikythera Mechanism.” *Nature* **444** (30 November): 587-591.
- Freeth, Tony, Alexander Jones, John M. Steele, & Yanis Bitsakis.** 2008. “Calendars with Olympiad display and eclipse prediction on the Antikythera Mechanism.” *Nature* **454** (31 July): 614-617.
- Freethought Today.** 2013a. “FFRF, ACLU sue over Ohio Jesus portrait.” *Freethought Today* **30** (March): 1.
- . 2013b. “New suit documents ‘alarming history of violence, threats’.” *Freethought Today* **30** (March): 12-13.
- . 2013c. “FFRF fights Big Mountain Jesus.” *Freethought Today* **30** (March): 14.
- . 2013d. “Mormons sponsor most Boy Scout troops.” *Freethought Today* **30** (March): 17.
- . 2013e. “Ohio ACLU, FFRF rebuff school’s Jesus ‘switcheroo’.” *Freethought Today* **30** (April): 1, 5.
- . 2013f. “Sixth Circuit censors criticism of religion in FFRF case.” *Freethought Today* **30** (April): 7.
- . 2013g. “FFRF helps distribute secular lit; some censored.” *Freethought Today* **30** (May): 3.
- . 2013h. “Atheists under attack in Muslim world.” *Freethought Today* **30** (May): 5.
- . 2013i. “Dinosaur ‘truth’ was mammoth mistake.” *Freethought Today* **30** (May): 6.
- . 2013j. “FFRF sues over Florida lit censorship.” *Freethought Today* **30** (June/July): 1, 5.
- . 2013k. “FFRF creationism complaint leads to Indiana probe.” *Freethought Today* **30** (June/July): 18.
- . 2013l. “Portrait of Jesus won’t resurrect in Jackson schools.” *Freethought Today* **30** (August): 1.
- . 2013m. “FFRF to appeal Montana Jesus shrine ruling.” *Freethought Today* **30** (August): 6.
- . 2013n. “FFRF calls for boycott of Religious Right Hobby Lobby.” *Freethought Today* **30** (December): 5.
- . 2014. “FFRF, other advocates file brief against Hobby Lobby.” *Freethought Today* **31** (January/February): 1, 3.
- Fregault, Robert P.** 2011. “Evolution cannot be tested, either.” *Nashua Telegraph* (New Hampshire) posting 8 July: online text accessed 12/23/2011 (www.nashuatelegraph.com).
- Frei, Robert, Sean A. Crowe, Michael Bau, Ali Polat, David A. Fowle, & Lasse N. Døssing.** 2016. “Oxidative elemental cycling under the low O₂ Eoarchean atmosphere.” *Scientific Reports* (online @ www.nature.com/srep/) **6** (11 February): 21058.
- Frei, Robert, Claudio Gaucher, Simon W. Poulton, & Don E. Canfield.** 2009. “Fluctuations in Precambrian atmospheric oxygenation recorded by chromium isotopes.” *Nature* **461** (10 September): 250-253.
- Freire, Nicole P., Michele R. Tennant, & Michael M. Miyamoto.** 2003. “Microarray Analyses of Reptiles and Amphibians: Applications in Ecology and Evolution.” *Zoological Studies* **42** (3): 391-404.
- Freisinger, Eva, Irene B. Rother, Marc Sven Lüth, & Bernhard Lippert.** 2003. “Canonical and unconventional pairing schemes between bis(nucleobase) complexes of *trans*-a₂Pt^{II}: Artificial nucleobase quartets and C—H...N bonds.” *Proceedings of the National Academy of Sciences* **100** (1 April): 3748-3753.
- Freistroffer, David V., Marek Kwiatkowski, Richard H. Buckingham, & Måns Ehrenberg.** 2000. “The accuracy of codon recognition by polypeptide release factors.” *Proceedings of the National Academy of Sciences* **97** (29 February): 2046-2051.
- Freitag, Johannes, Sepp Kipfstuhl, Thomas Laepple, & Frank Wilhelms.** 2013. “Impurity-controlled densification: a new model for stratified polar firn.” *Journal of Glaciology* **59** (218): 1163-1169.
- Freitas, Renata, Carlos Gómez-Marín, Jonathan Mark Wilson, Fernando Casares, & José Luis Gómez-Skarmeta.** 2012. “*Hoxd13* Contribution to the Evolution of Vertebrate

- Appendages.” *Developmental Cell* **23** (11 December): 1219-1229.
- Freitas, Renata, GuangJun Zhang, James S. Albert, David H. Evans, & Martin J. Cohn.** 2006. “Developmental origin of shark electrosensory organs.” *Evolution & Development* **8** (January-February): 74-80.
- Freitas, Tracey Allen K., Shaobin Hou, Elhadji M. Dioum, Jennifer A. Saito, James Newhouse, Gonzalo Gonzalez, Marie-Alda Gilles-Gonzalez, & Maqsudul Alam.** 2004. “Ancestral hemoglobins in *Archaea*.” *Proceedings of the National Academy of Sciences* **101** (27 April): 6675-6680.
- Freiwald, Winrich A., & Doris Y. Tsao.** 2010. “Functional Compartmentalization and Viewpoint Generalization Within the Macaque Face-Processing System.” *Science* **330** (5 November): 845-851.
- French, Bevan M., & Christian Koeberl.** 2010. “The convincing identification of terrestrial meteorite impact structures: What works, what doesn’t, and why.” *Earth-Science Reviews* **98** (January): 123-170.
- French, Christopher C., Julia Santomauro, Victoria Hamilton, Rachel Fox, & Michael A. Thalbourne.** 2008. “Psychological aspects of the alien contact experience.” *Cortex* **44** (November-December): 1387-1395.
- French, David.** 2012a. “Vanderbilt University Insults Our Intelligence.” *National Review* (30 March): online text accessed 4/30/2012 (www.nationalreview.com).
- . 2012b. “American Atheists Really Do Hate Your Faith.” *American Center for Law and Justice* 13 August posting (online text at aclj.org accessed 8/15/2012).
- . 2013. “Embracing an Anti-Christian Extremist?” *American Center for Law and Justice* 2 May posting (online text at aclj.org accessed 8/18/2013).
- French, David, & Jordan Sekulow.** 2011. “The impossibility of a socialist Jesus.” The Washington Post *Religious Right Now Blog* posting 16 August online text accessed 8/17/2011 (www.washingtonpost.com).
- French, Jeffrey A.** 2016. “Genes, dopamine pathways, and sociality in primates.” *Proceedings of the National Academy of Sciences* **113** (7 June): 6325-6327.
- French, Katherine L., Christian Hallmann, Janet M. Hope, Petra L. Schoon, J. Alex Zumberge, Yosuke Hoshino, Carl A. Peters, Simon C. George, Gordon D. Love, Jochen J. Brocks, Roger Buick, & Roger E. Summons.** 2015. “Reappraisal of hydrocarbon biomarkers in Archean rocks.” *Proceedings of the National Academy of Sciences* **112** (12 May): 5915-5920.
- French, Robert M.** 2012. “Dusting Off the Turing Test.” *Science* **336** (13 April): 164-165.
- French, Sara L., & Kay Etheridge,** eds. 2007. *Origins of Scientific Learning: Essays on Culture and Knowledge in Early Modern Europe*. Lewiston, NY: Edwin Mellen Press.
- French, Vernon, & Paul M. Brakefield.** 2004. “Pattern Formation: A Focus on Notch in Butterfly Eyespots.” *Current Biology* **14** (24 August): R663-R665.
- Frenda, Steven J., Shari R. Berkowitz, Elizabeth F. Loftus, & Kimberly M. Fenn.** 2016. “Sleep deprivation and false confessions.” *Proceedings of the National Academy of Sciences* **113** (23 February): 2047-2050.
- Frenkel, Edward.** 2013. “Evolution, Speeded by Computation.” *The New York Times* posting 30 September: online text accessed 12/26/2013 (www.nytimes.com).
- Frenkel, Evgeni M., Michael J. McDonald, J. David Van Dyken, Katya Kosheleva, Gregory I. Lang, & Michael M. Desai.** 2015. “Crowded growth leads to the spontaneous evolution of semistable coexistence in laboratory yeast populations.” *Proceedings of the National Academy of Sciences* **112** (8 September): 11306-11311.
- Frenkel, Karen A.** 2011. “Schooling the *Jeopardy!* Champ: Far From Elementary.” *Science* **331** (25 February): 999.
- Frenkel, Zakharia M., & Edward N. Trifonov.** 2008. “From protein sequence space to elementary protein modules.” *Gene* **408** (31 January): 64-71.
- Frère, Celine H., Michael Krützen, Janet Mann, Richard C. Connor, Lars Bejder, & William B. Sherwin.** 2010. “Social and genetic interactions drive fitness variation in a free-living dolphin population.” *Proceedings of the National Academy of Sciences* **107** (16

- November): 19949-19954.
- Freshwater, Andrea.** 2006. “My, what big eyes you have: The evolution of the trilobite eye.” *The College of Wooster (Ohio)* 7 December *Geology 250: Invertebrate Paleontology* posting (online pdf at smanual.voices.wooster.edu/ accessed 7/1/2014).
- Freshwater, John.** 2010. “John Freshwater’s Closing Statement Brief.” *Accountability n the Media* posting (online pdf at www.accountabilityinthemedia.com accessed 9/19/2010).
- Freske, Stanley.** 1980. “Evidence Supporting a Great Age for the Universe.” *Creation/Evolution* 1 (Fall): 34-39.
- . 1981a. “An Evaluation of a Challenge That Isn’t.” *Creation/Evolution* 2 (Spring): 1-4.
- . 1981b. “Creationist Misunderstanding, Misrepresentation, and Misuse of the Second Law of Thermodynamics.” *Creation/Evolution* 2 (Spring): 8-16.
- Fressin, Francois, Guillermo Torres, Jason F. Rowe, David Charbonneau, Leslie A. Rogers, Sarah Ballard, Natalie M. Batalha, William J. Borucki, Stephen T. Bryson, Lars A. Buchhave, David A. Ciardi, Jean-Michel Désert, Courtney D. Dressing, Daniel C. Fabrycky, Eric B. Ford, Thomas N. Gautier III, Christopher E. Henze, Matthew J. Holman, Andrew Howard, Steve B. Howell, Jon M. Jenkins, David G. Koch, David W. Latham, Jack J. Lissauer, Geoffrey W. Marcy, Samuel N. Quinn, Darin Ragozzine, Dimitar D. Sasselov, Sara Seager, Thomas Barclay, Fergal Mullally, Shawn E. Seader, Martin Still, Joseph D. Twicken, Susan E. Thompson, & Kamal Uddin.** 2012. “Two Earth-sized planets orbiting Kepler-20.” *Nature* 482 (9 February): 195-198.
- Freund, Friedemann, Aaron Staple, & John Scoville.** 2001. “Organic protomolecule assembly in igneous minerals.” *Proceedings of the National Academy of Sciences* 98 (27 February): 2142-2147.
- Frey, Eberhard, & Helmut Tischlinger.** 2012. “The Late Jurassic Pterosaur *Rhamphorhynchus*, a Frequent Victim of the Ganoid Fish *Aspidorhynchus*?” *PLoS ONE* (online @ plosone.org) 7 (March): e31945.
- Frey, Ulrich,** ed. 2010. *The Nature of God: Evolution and Religion*. Antwerp: Tectum.
- Frey, Ulrich, & Eckart Voland.** 2011. “The evolutionary route to self-deception: Why offensive versus defensive strategy might be a false alternative.” *Behavioral and Brain Sciences* 34 (1): 21-22.
- Freybourger, Marion, James B. Gaherty, Thomas H. Jordan, & Kaapvaal Seismic Group.** 2001. “Structures of the Kaapvaal craton from surface waves.” *Geophysical Research Letters* 28 (1 July): 2489-2492.
- Frezzotti, Massimo, Michel Pourchet, Onelio Flora, Stefano Gandolfi, Michel Gay, Stefano Urbini, Christian Vincent, Silvia Becagli, Roberto Gragnanim Marco Proposito, Mirko Severi, Rita Traversi, Roberto Udisti, & Michel Fily.** 2005. “Spatial and temporal variability of snow accumulation in East Antarctica from traverse data.” *Journal of Glaciology* 51 (172): 113-124.
- Fricke, Henry C., Justin Henceroth, & Marie E. Hoerner.** 2011. “Lowland-upland migration of sauropod dinosaurs during the Late Jurassic epoch.” *Nature* 480 (22 December): 513-515.
- Fricke, Henry C., & Raymond R. Rogers.** 2000. “Multiple taxon- locality approach to providing oxygen isotope evidence for warm-blooded theropod dinosaurs.” *Geology* 28 (September): 799-802.
- Fridland, Ellen.** 2011. “Reviewing the logic of self-deception.” *Behavioral and Brain Sciences* 34 (1): 22-23.
- Fridolfsson, Anna-Karin, Hans Cheng, Neal G. Copeland, Nancy A. Jenkins, Hsiao-Ching Liu, Terje Raudsepp, Trevor Woodage, Bhanu Chowdhary, Joy Halverson, & Hans Ellegren.** 1998. “Evolution of the avian sex chromosomes from an ancestral pair of autosomes.” *Proceedings of the National Academy of Sciences* 95 (7 July): 8147-8152.
- Fridolfsson, Anna-Karin, & Hans Ellegren.** 2000. “Molecular Evolution of the Avian *CHD1* Genes on the Z and W Sex Chromosomes.” *Genetics* 155 (August): 1903-1912.
- Fridriksson, Julius, Grigori Yourganov, Leonardo Bonilha, Alexandra Basilakos, Dirk-Bart Den Ouden, & Christopher Rorden.** 2016. “Revealing the dual streams of speech

- processing.” *Proceedings of the National Academy of Sciences* **113** (7 December): 15108-15113.
- Fried, Itzhak, Roy Mukamel, & Gabriel Kreiman.** 2011. “Internally Generated Preactivation of Single Neurons in Human Medial Frontal Cortex Predicts Volition.” *Neuron* **69** (10 February): 548-562.
- Fried, Stephen D., Savan Bagchi, & Steven G. Boxer.** 2014. “Extreme electric fields power catalysis in the active site of a ketosteroid isomerase.” *Science* **346** (19 December): 1510-1514.
- Fried, Stephen D., & Steven G. Boxer.** 2015. “Response to Comments on ‘Extreme electric fields power catalysis in the active site of a ketosteroid isomerase’.” *Science* **349** (28 August): 936.
- Friedberg, Barbara.** 2000. “Francis Bacon and the True Ends of Skepticism.” *Skeptical Inquirer* **24** (November/December): 32-36.
- Friederici, Angela D., Jens Brauer, & Gabriele Lohmann.** 2011. “Maturation of the Language Network: From Inter- to Intrahemispheric Connectivities.” *PLoS ONE* (online @ plosone.org) **6** (June): e20726.
- Friederici, Angela D., Karsten Steinhauer, & Erdmut Pfeifer.** 2002. “Brain signatures of artificial language processing: Evidence challenging the critical period hypothesis.” *Proceedings of the National Academy of Sciences* **99** (8 January): 529-534.
- Friedersdorf, Conor.** 2013. “Andrew Brietbart and James O’Keefe Ruined Him, and Now He Gets \$100,000.” *The Atlantic* 8 March posting (online text at www.theatlanticwire.com accessed 3/9/2013).
- . 2016. “The Perils of Writing a Provocative Email at Yale.” *The Atlantic* posting 26 May: online text accessed 5/27/2016 (theatlantic.com).
- Friedkin, Noah E., Anton V. Proskurnikov, Roberto Tempo, & Sergey E. Parsegov.** 2016. “Network science on belief system dynamics under logic constraints.” *Science* **354** (21 October): 321-326.
- Friedland, Roger O.** 2016. “A King For Jesus: What The Religious Right Sees In Trump.” *Religion Dispatches* 26 October posting (online text at religiondispatches.org accessed 11/7/2016).
- Friedländer, Marc R., Catherine Adamdi, Ting Han, Svetlana Lebedeva, Thomas A. Isenbarger, Martin Hirst, Marco Marra, Chad Nusbaum, William L. Lee, James C. Jenkin, Alejandro Sánchez Alvarado, John K. Kim, & Nikolaus Rajewsky.** 2009. “High-resolution profiling and discovery of planarian small RNAs.” *Proceedings of the National Academy of Sciences* **106** (14 July): 11546-11551.
- Friedly, Jock.** 1996. “How Congressional Pressure Shaped the ‘Baltimore Case.’” *Science* **269** (16 August): 873-875.
- Friedman, Dan.** 2013. “‘Friends of Hamas’: My role in the birth of a rumor.” *New York Daily News* updated posting 20 February: online text accessed 2/21/2013 (www.nydailynews.com).
- Friedman, Jonathan R., Laura L. Lackner, Matthew West, Jared R. DiBenedetto, Jodi Nunnari, & Gia K. Voeltz.** 2011. “ER Tubules Mark Sites of Mitochondrial Division.” *Science* **334** (21 October): 358-362.
- Friedman, Matt.** 2009a. “Ecomorphological selectivity among marine teleost fishes during the end-Cretaceous extinction.” *Proceedings of the National Academy of Sciences* **106** (31 March): 5218-5223.
- . 2009b. “Emerging onto a Tangled Bank.” *Science* **324** (17 April): 341-342.
- . 2012. “Parallel evolutionary trajectories underlie the origin of giant suspension-feeding whales and bony fishes.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 March): 944-951.
- . 2015. “The early evolution of ray-finned fishes.” *Palaentology* **58** (March): 213-228.
- Friedman, Matt, & Martin D. Brazeau.** 2010. “A reappraisal of the origin and basal radiation of the Osteichthyes.” *Journal of Vertebrate Paleontology* **30** (January): 36-56.
- . 2011. “Sequences, stratigraphy and scenarios: what can we say about the fossil record of

- the earliest tetrapods?" *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 February): 432-439.
- . 2013. "A jaw-dropping fossil fish." *Nature* **502** (10 October): 175-177.
- Friedman, Matt, Kenshu Shimada, Larry D. Martin, Michael J. Everhart, Jeff Liston, Anthony Maltese, & Michael Triebold.** 2010. "100-Million-Year Dynasty of Giant Planktivorous Bony Fishes in the Mesozoic." *Science* **327** (19 February): 990-993.
- Friedman, Nir, & Maya Schuldiner.** 2010. "The DNA Damage Road Map." *Science* **330** (3 December): 1327-1328.
- Friedman, Richard Elliott.** 1987. *Who Wrote the Bible?* New York: Summit Books.
- . 1995. *The Disappearance of God: A Divine Mystery.* Boston: Little, Brown & Co.
- Friedman, Robert, & Austin L. Hughes.** 2001. "Pattern and Timing of Gene Duplication in Animal Genomes." *Genome Research* **11** (November): 1842-1847.
- . 2003. "The Temporal Distribution of Gene Duplication Events in a Set of Highly Conserved Human Gene Families." *Molecular Biology and Evolution* **20** (January): 154-161.
- . 2007. "Likelihood-ratio tests for positive selection of human and mouse duplicate genes reveal nonconservative and anomalous properties of widely used methods." *Molecular Phylogenetics and Evolution* **42** (February): 388-393.
- Friedman, William E.** 1995. "Organismal duplication, inclusive fitness theory, and altruism: Understanding the evolution of endosperm and the angiosperm reproductive syndrome." *Proceedings of the National Academy of Sciences* **92** (April): 3913-3917.
- . 2001. "Developmental and evolutionary hypotheses for the origin of double fertilization and endosperm." *Comptes Rendus de l'Académie des Sciences – Series III – Sciences de la Vie* **324** (June): 559-567.
- . 2006. "Embryological evidence for developmental lability during early angiosperm evolution." *Nature* **441** (18 May): 337-340.
- . 2009a. "The Meaning of Darwin's 'Abominable Mystery'." *American Journal of Botany* **96** (January): 5-121.
- . 2009b. "Auxin at the Evo-Devo Intersection." *Science* **324** (26 June): 1652-1653.
- . 2013. "One Genome, Two Ontogenies." *Science* **339** (1 March): 1045-1046.
- Friedman, William E., & Julien B. Bachelier.** 2013. "Seed development in *Trimenia* (Trimeniaceae) and its bearing on the evolution of embryo-nourishing strategies in early flowering plant lineages." *American Journal of Botany* **100** (May): 906-915.
- Friedman, William E., Julien B. Bachelier, & José I. Hormaza.** 2012. "Embryology in *Trithuria submerse* (Hydatellaceae) and relationships between embryo, endosperm, and perisperm in early-diverging flowering plants." *American Journal of Botany* **99** (June): 1083-1095.
- Friedman, William E., & M. E. Cook.** 2003. "The origin and early evolution of tracheids in vascular plants: integration of palaeobotanical and neobotanical data." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **355** (June): 857-868.
- Friedman, William E., & Sandra K. Floyd.** 2001. "The Origin of Flowering Plants and Their Reproductive Biology—A Tale of Two Phylogenies." *Evolution* **55** (February): 217-231.
- Friedman, William E., Eric N. Madrid, & Joseph H. Williams.** 2008. "Origin of the Fittest and Survival of the Fittest: Relating Female Gametophyte Development to Endosperm Genetics." *International Journal of Plant Sciences* **169** (January): 79-92.
- Friedman, William E., Richard C. Moore, & Michael D. Purugganan.** 2004. "The evolution of plant development." *American Journal of Botany* **91** (October): 1726-1741.
- Friedman, William E., & Kirsten C. Ryerson.** 2009. "Reconstructing the Ancestral Female Gametophyte of Angiosperms: Insights from *Amborella* and Other Ancient Lineages of Flowering Plants." *American Journal of Botany* **96** (January): 129-143.
- Friedman, William E., & Joseph H. Williams.** 2004. "Developmental Evolution of the Sexual Process in Ancient Flowering Plant Lineages." *The Plant Cell* **16** (June Supplement): S119-S132.
- Friedmann, E. Imre, Jacek Wierzchos, Carmen Ascaso, & Michael Winkhofer.** 2001.

- “Chains of magnetite crystals in the meteorite ALH84001: Evidence of biologic origin.” *Proceedings of the National Academy of Sciences* **98** (27 February): 2176-2181.
- Friedmann, Nadav, Stanley L. Miller, & Robert A. Sanchez.** 1971. “Primitive Earth Synthesis of Nicotinic Acid Derivatives.” *Science* **171** (12 March): 1026-1027.
- Friedrich, Markus, & Diethard Tautz.** 1997. “An Episode of Change of rDNA Nucleotide Substitution Rate has Occurred During the Emergence of the Insect Order Diptera.” *Molecular Biology and Evolution* **14** (June): 644-653.
- Friedrich, Michael, Sabine Remmele, Bernd Kromer, Jutta Hofmann, Marco Spurk, Klaus Felix Kauser, Christian Orcel, & Manfred Koppers.** 2004. “The 12,460-year Hohenheim oak and pine tree-ring chronology from Central Europe; a unique annual record for radiocarbon calibration and paleoenvironment reconstructions.” *Radiocarbon* **46** (3): 1111-1122.
- Friedrich, Walter L.** 2015. “The Minoan Eruption of Santorini around 1613 B. C. and its consequences.” *Tagungen des Landesmuseums für Vorgeschichte* (Halle) **9**: 37-48.
- Friedrich, Walter L., Bernd Kromer, Michael Friedrich, Jan Heinemeier, Tom Pfeiffer, & Sahra Talamo.** 2006. “Santorini Eruption Radiocarbon Dated to 1627-1600 BC.” *Science* **312** (28 April): 548.
- Friedrich-Jahn, Ulrike, Johanna Aigner, Gernot Längst, John N. Reeve, & Harold Huber.** 2009. “Nanoarchaeal Origin of Histone H3?” *Journal of Bacteriology* **191** (February, No. 3): 1092-1096.
- Friel, John P., & Peter C. Wainwright.** 1997. “A Model System of Structural Duplication: Homologies of Adductor Mandibulae Muscles in Tetraodontiform Fishes.” *Systematic Biology* **46** (September): 441-463.
- Frieling, Joost, Holger Gebhardt, Matthew Huber, Olabisi A. Adekeye, Samuel O. Akande, Gert-Jan Reichart, Jack J. Middelburg, Stefan Schouten, & Appy Sluijs.** 2017. “Extreme warmth and heat-stressed plankton in the tropics during the Paleocene-Eocene Thermal Maximum.” *Science Advances* **3** (3 March): e1600891 (online at sciencemag.org).
- Frieling, Joost, Henrik H. Svenson, Sverre Planke, Margot J. Cramwinckel, Haavard Selnes, & Appy Sluijs.** 2016. “Thermogenic methane release as a cause for the long duration of the PETM.” *Proceedings of the National Academy of Sciences* **113** (25 October): 12059-12064.
- Friend, Tim.** 2004. *Animal Talk: Breaking the Codes of Animal Language*. New York: The Free Press.
- Friends of Jade.** 2008. “From Pig to Dragon—Neolithic Hongshan Jades.” *Friends of Jade* 6 April posting (online text at www.friendsofjade.org accessed 8/16/2014).
- Frieß, Martin, & Michel Baylac.** 2003. “Exploring artificial cranial deformation using elliptic Fourier analysis of procrustes aligned outlines.” *American Journal of Physical Anthropology* **122** (September): 11-22.
- Friese, Matle, Colin Tucker Smith, Thomas Plischke, Matthias Bluemke, & Brian A. Nosek.** 2012. “Do Implicit Attitudes Predict Actual Voting Behavior Particularly for Undecided Voters?” *PLoS ONE* (online @ plosone.org) **7** (August): e44130.
- Friesen, Abram L., & Pedro Domingos.** 2015. “Recursive Decomposition for Nonconvex Optimization,” in Yang & Woldridge (2015, 253-259).
- Friesen, Christopher R., Emily J. Uhrig, Mattie K. Squire, Robert T. Mason, & Patricia L. R. Brennan.** 2014. “Sexual conflict over mating in red-sided garter snakes (*Thamnophis sirtalis*) as indicated by experimental manipulation of genitalia.” *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (7 January): 20132694.
- Friesen, V. L., A. J. Baker, & J. F. Piatt.** 1996. “Phylogenetic Relationships Within the Alcidae (Charadriiformes: Aves) Inferred from Total Molecular Evidence.” *Molecular Biology and Evolution* **13** (February): 359-367.
- Friesen, V. L., A. L. Smith, E. Gómez-Díaz, M. Bolton, R. W. Furness, J. González-Solís, & L. R. Monteiro.** 2007. “Sympatric speciation by allochrony in a seabird.” *Proceedings of the National Academy of Sciences* **104** (20 November): 18589-18594.
- Friis, Else Marie, Peter R. Crane, Kaj Raunsgaard Pedersen, Stefan Bengtson, Philip C. J.**

- Donoghue, Guido W. Grimm, & Marco Stampanoni.** 2007. "Phase-contrast X-ray microtomography links Cretaceous seeds with Gnetales and Bennettitales." *Nature* **450** (22 November): 549-552.
- Friis, Else Marie, Peter R. Crane, Kaj Raunsgaard Pedersen, Marco Stampanoni, & Federica Marone.** 2015. "Exceptional preservation of tiny embryos documents seed dormancy in early angiosperms." *Nature* **528** (24 December): 551-554.
- Friis, Else Marie, Kaj Raunsgaard Pedersen, & Peter R. Crane.** 2006. "Cretaceous angiosperm flowers: Innovation and evolution in plant reproduction." *Palaeogeography, Palaeoclimatology, Palaeoecology* **232** (22 March): 251-293.
- . 2009. "Early Cretaceous Mesofossils From Portugal and Eastern North America Related to the Bennettitales-Erdtmanithecales-Gnetales Group." *American Journal of Botany* **96** (January): 252-283.
- . 2010. "Diversity in obscurity: fossil flowers and the early history of angiosperms." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **366** (12 February): 369-382.
- Frimmel, Hartwig E.** 2002. "Genesis of the World's Largest Gold Deposit." *Science* **297** (13 September): 1815-1817.
- Frits, Stephan.** 2010. "The sour taste of a proton current." *Proceedings of the National Academy of Sciences* **107** (21 December): 21955-21956.
- Frisch, Morten, & Henrik Brønnum-Hansen.** 2009. "Mortality Among Men and Women in Same-Sex Marriage: A National Cohort Study of 8333 Danes." *American Journal of Public Health* **99** (January): 133-137.
- Frischia, Anthony R., Blaire van Valkenburgh, Lillian Spencer, & John Harris.** 2008. "Chronology and Spatial Distribution of Large Mammal Bones in Pit 91, Rancho La Brea." *Palaio* **23** (January): 35-42.
- Frishman, Dmitrij,** ed. 2010. *Structural Bioinformatics of Membrane Proteins*. New York: Springer.
- Fritsche, A. E.,** ed. 1995 *Cenozoic Paleogeography of the Western United States—II*. Denver, CO: Pacific Section SEPM (Society for Sedimentary Geology).
- Fritz, Claudia, Joseph Curtin, & Jacques Poitevineau.** 2014. "Reply to Tai: On the inability of 10 soloists to tell apart Old Italian and new violins at better than chance levels." *Proceedings of the National Academy of Sciences* **111** (8 July): E2779.
- Fritz, Claudia, Joseph Curtin, Jacques Poitevineau, Hugues Borsarello, Indiana Wollman, Fan-Chia Tao, & Thierry Ghasarossian.** 2014. "Soloist evaluations of six Old Italian and six new violins." *Proceedings of the National Academy of Sciences* **111** (20 May): 7248-7253.
- Fritz, Claudia, Joseph Curtin, Jacques Poitevineau, Palmer Morrel-Samuels, & Fan-Chia Tao.** 2012. "Player preferences among new and old violins." *Proceedings of the National Academy of Sciences* **109** (17 January): 760-763.
- Fritz, Claudia, Joseph Curtin, Jacques Poitevineau, & Fan-Chia Tao.** 2017. "Listener evaluations of new and Old Italian violins." *Proceedings of the National Academy of Sciences* **114** (23 May): 5395-5400.
- Fritz, Thomas Hans, Samyogita Hardikar, Matthias Demoucron, Margot Niessen, Michiel Demey, Olivier Giot, Yongming Li, John-Dylan Haynes, Arno Villringer, & Marc Leman.** 2013. "Musical agency reduces perceived exertion during strenuous physical performance." *Proceedings of the National Academy of Sciences* **110** (29 October): 17784-17789.
- Fritz, William J.** 1980. "Reinterpretation of the depositional environment of the Yellowstone 'fossil forests'." *Geology* **8** (July): 309-313.
- . 1981. "Comment and Reply on 'Reinterpretation of the depositional environment of the Yellowstone fossil forests.'" *Geology* **9** (February): 53-54.
- Fritz, William J., & Chris J. Stillman.** 1996. "A subaqueous welded tuff from the Ordovician of County Waterford, Ireland." *Journal of Volcanology and Geothermal Research* **70** (January): 91-106.

- Fritz-Laylin, Lillian K., Simon E. Prochnik, Michael L. Ginger, Joel B. Dacks, Meredith L. Carpenter, Mark C. Field, Alan Kuo, Alex Paredez, Jarrod Chapman, Jonathan Pham, Shengqiang Shu, Rochak Neupane, Michael Cipriano, Joel Mancuso, Hank Tu, Asaf Salamov, Erika Lindquist, Harris Shapiro, Susan Lucas, Igor V. Grigoriev, W. Zacheus Cande, Chandler Fulton, Daniel S. Rokhsar, & Scott C. Dawson.** 2010. “The Genome of *Naegleria gruberi* Illuminates Early Eukaryotic Versatility.” *Cell* **140** (5 March): 631-642.
- Fritzsch, Bernd.** 1987. “Inner ear of the coelacanth fish *Latimeria* has tetrapod affinities.” *Nature* **327** (14 May): 153-154.
- . 2003. “The ear of *Latimeria chalumnae* revisited.” *Zoology* **106** (3): 243-248.
- Fritzsch, Bernd, Kirk W. Beisel, Sarah Pauley, & Garrett Soukup.** 2007. “Molecular evolution of the vertebrate mechanosensory cell and ear.” *International Journal of Developmental Biology* **51** (6/7): 663-678.
- Fritzsch, Bernd, Daniel F. Eberl, & Kirk W. Beisel.** 2010. “The role of bHLH genes in ear development and evolution: revisiting a 10-year-old hypothesis.” *Cellular and Molecular Life Sciences* **67** (September): 3089-3099.
- Fritzsch, Bernd, Israt Jahan, Ning Pan, Jennifer Kersigo, Jeremy Duncan, & Benjamin Kopecky.** 2011. “Dissecting the molecular basis of organ of Corti development: Where are we now?” *Hearing Research* **276** (June): 16-26.
- Fritzsch, Bernd, Ning Pan, Israt Jahan, Jeremy S. Duncan, Benjamin J. Kopecky, Karen L. Elliott, Jennifer Kersigo, & Tian Yang.** 2013. “Evolution and development of the tetrapod auditory system: an organ of Corti-centric perspective.” *Evolution & Development* **15** (January): 63-79.
- Fröbisch, Jörg.** 2011. “On Dental Occlusion and Saber Teeth.” *Science* **331** (25 March): 1525-1528.
- Fröbisch, Jörg, & Robert R. Reisz.** 2009. “The Late Permian herbivore *Suminia* and the early evolution of arboreality in terrestrial vertebrate ecosystems.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 October): 3611-3618.
- Fröbisch, Jörg, Rainer R. Schoch, Johannes Müller, Thomas Schindler, & Dieter Schweiss.** 2011. “A new basal sphenacodontid synapsid from the Late Carboniferous of the Saar-Nahe Basin, Germany.” *Acta Palaeontologica Polonica* **56** (1): 113-120.
- Fröbisch, Nadia B.** 2016. “Teenage tetrapods.” *Nature* **537** (15 September): 311-312.
- Fröbisch, N. B., A. Brar, & R. R. Reisz.** 2015. “New specimen of *Cacops woehri* indicates differences in the ontogenetic trajectories among cacopine dissorophids.” *Fossil Record* **18** (1): 73-80.
- Fröbisch, Nadia B., Constanze Bickelmann, Jennifer O. Olori, & Florian Witzmann.** 2015. “Deep-time evolution of regeneration and preaxial polarity in tetrapod limb development.” *Nature* **527** (12 November): 231-234.
- Fröbisch, Nadia B., Constanze Bickelmann, & Florian Witzmann.** 2014. “Early evolution of limb regeneration in tetrapods: evidence from a 300-million-year-old amphibian.” *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (24 September): 20141550.
- Fröbisch, Nadia B., Jörg Fröbisch, P. Martin Sander, Lars Schmitz, & Olivier Rieppel.** 2013. “Macropredatory ichthyosaur from the Middle Triassic and the origin of modern trophic networks.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1393-1397.
- Fröbisch, Nadia B., P. Martin Sander, & Olivier Rieppel.** 2006. “A new species of *Cymbospondylus* (Diapsida, Ichthyosauria) from the Middle Triassic of Nevada and a re-evaluation of the skull osteology of the genus.” *Zoological Journal of the Linnean Society* **147** (August): 515-538.
- Fröbisch, Nadia B., & Neil H. Shubin.** 2011. “Salamander Limb Development: Integrating Genes, Morphology, and Fossils.” *Developmental Dynamics* **240** (May): 1087-1099.
- Froede, Carl R. Jr.** 1999. “Precambrian Plant Fossils and the Hakatai Shale Controversy.” *Creation Research Society Quarterly* **36** (December): 106-113.

- . 2002. “The Wilson cycle: a serious problem for Catastrophic Plate Tectonics.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **16** (3): 108-110.
- . 2006. “A Subaqueous Tectonic and Hydrothermal Origin for Colossal Cave, Arizona.” *Creation Research Society Quarterly* **43** (September): 75-83.
- . 2007. “A Question of Being Reasonable and the Use of the Uniformitarian Geologic Column—A Reply to David Tyler.” *Creation Research Society Creation Matters* (May/June): 4.
- . 2012a. “Animal Tracks and Catastrophic Plate Tectonics.” *Creation Research Society Creation Matters* (January/February): 1-4.
- . 2012b. “New Dating of Moon’s Crust: Problems for Popular Model.” *Creation Research Society Creation Matters* (May/June): 1, 3-4.
- Froese, Duane.** 2014. “The curious case of the Arctic mastodon.” *Proceedings of the National Academy of Sciences* **111** (30 December): 18405-18406.
- Froese, Duane, Mathias Stiller, Peter D. Heintzman, Alberto V. Reyes, Grant D. Zazula, André E. R. Soares, Matthias Meyer, Elizabeth Hall, Britta J. L. Jensen, Lee J. Arnold, Ross D. E. MacPhee, & Beth Shapiro.** 2017. “Fossil and genomic evidence constrains the timing of bison arrival in North America.” *Proceedings of the National Academy of Sciences* **114** (28 March): 3457-3462.
- Frohlich, Cliff.** 2012. “Two-year survey comparing earthquake activity and injection-well locations in the Barnett Shale, Texas.” *Proceedings of the National Academy of Sciences* **109** (28 August): 13934-13938.
- Frohlich, Flavio, & David A. McCormick.** 2010. “Endogenous Electric Fields May Guide Neocortical Network Activity.” *Neuron* **67** (15 July): 129-143.
- Frohlich, Michael W.** 2003. “An evolutionary scenario for the origin of flowers.” *Nature Reviews Genetics* **4** (July): 559-566.
- Frohlich, Michael W., & Mark W. Chase.** 2007. “After a dozen years of progress the origin of angiosperms is still a great mystery.” *Nature* **450** (20 December): 1184-1189.
- Fröhlich-Nowoisky, Janine, Daniel A. Pickersgill, Viviane R. Després, & Ulrich Pöschl.** 2009. “High diversity of fungi in air particulate matter.” *Proceedings of the National Academy of Sciences* **106** (4 August): 12814-12819.
- Fromer, Menachem, Andrew J. Pocklington, David H. Kavanagh, Hywel J. Williams, Sarah Dwyer, Padhraig Gormley, Lyudmila, Georgieva, Elliott Rees, Priit Palta, Douglas M. Ruderfer, Noa Carrera, Isla Humphreys, Jessica S. Johnson, Panos Roussos, Douglas D. Barker, Erik Banks, Vihra Milanova, Seth G. Grant, Eilis Hannon, Samuel A. Rose, Kimberly Chambert, Milind Mahajan, Edward M. Scolnick, Jennifer L. Moran, George Kirov, Aarno Palotie, Steven A. McCarroll, Peter Holmans, Pamela Sklar, Michael J. Owen, Shaun M. Purcell, & Michael C. O’Donovan.** 2014. “De novo mutations in schizophrenia implicate synaptic networks.” *Nature* **506** (13 February): 179-184.
- Frommolt, Ruth, Sonja Werner, Harald Paulsen, Reimund Goss, Christian Wilhelm, Stefan Zauner, Uwe G. Maier, Arthur R. Grossman, Debashish Bhattacharya, & Martin Lohr.** 2008. “Ancient Recruitment by Chromists of Green Algal Genes Encoding Enzymes for Carotenoid Biosynthesis.” *Molecular Biology and Evolution* **25** (December): 2653-2667.
- Frost, Darrel R.** 1992. “Phylogenetic Analysis and Taxonomy of the *Tropidurus* Group of Lizards (Iguania: Tropiduridae).” *American Museum Novitates* **3033** (24 February): 1-68.
- Frost, Darrel R., & Richard Etheridge.** 1989. “A Phylogenetic Analysis and Taxonomy of Iguanian Lizards (Reptilia: Squamata).” *The University of Kansas Museum of Natural History Miscellaneous Publication* **81** (28 September): 1-65.
- Frost, Daniel R., Richard Etheridge, Daniel Janies, & Tom A. Titus.** 2001. “Total Evidence, Sequence Alignment, Evolution of Polychrotid Lizards and a Reclassification of the Iguania (Squamata Iguania).” *American Museum Novitates* **3343** (22 June): 1-38.
- Fru, Ernest Chi, Nathalie P. Rodriguez, Camille A. Partin, Stefan V. Lalonde, Per**

- Andersson, Dominik J. Weiss, Abderrazak El Albani, Ilia Rodushkin, & Kurt O. Konhauser.** 2016. “Cu isotopes in marine black shales record the Great Oxidation Event” *Proceedings of the National Academy of Sciences* **113** (3 May): 4941-4946.
- Fruchtenbaum, Arnold G.** 1993. “The Genealogy of the Messiah.” *Jews for Jesus* posting of *Issues* 5:6 article (online text at www.jewsforjesus.org accessed 7/3/2002).
- Frugier, Magali, Richard Giegé, & Paul Schimmel.** 2003. “RNA recognition by designed peptide fusion creates ‘artificial’ tRNA synthetase.” *Proceedings of the National Academy of Sciences* **100** (24 June): 7471-7475.
- Frum, David.** 2016. “Betraying the Faith of Christopher Hitchens.” *The Atlantic* posting 9 June: online text accessed 6/11/2016 (theatlantic.com).
- Frumkin, Amos, Aryeh Shimron, & Jeff Rosenbaum.** 2003. “Radiometric dating of the Siloam Tunnel, Jerusalem.” *Nature* **425** (11 September): 169-171.
- Frunza, Mihaela.** 2007. “Ethical Aspects of Spiritual Medicine. The Case of Intercessory Prayer Therapy.” *Journal for the Study of Religions & Ideologies* **6** (Summer): 101-115.
- Fruteau, Cécile, Bernhard Voelkl, Eric van Damme, & Ronald Noë.** 2009. “Supply and demand determine the market value of food providers in wild vervet monkeys.” *Proceedings of the National Academy of Sciences* **106** (21 July): 12007-12012.
- Fry, B. G., K. Roelants, & J. A. Norman.** 2009. “Tentacles of Venom: Toxic Protein Convergence in the Kingdom Animalia.” *Journal of Molecular Evolution* **68** (April): 311-321.
- Fry, Bryan G., Stephen Wroe, Wouter Teeuwisse, Matthias J. P. Van Osch, Karen Moreno, Janette Ingle, Colin McHenry, Toni Ferrara, Phillip Clausen, Holger Scheib, Kelly L. Winter, Laura Greissman, Kim Roelants, Louise van der Weerd, Christofer J. Clemente, Eleni Giannakis, Wayne C. Hodgson, Sonja Luz, Paolo Martelli, Karthiyani Krishnasamy, Elazar Kochva, Hang Fai Kwok, Denis Scanlon, John Karas, Diane M. Citron, Ellie J. C. Goldstein, Judith E. Mcnaughtan, & Janette A. Norman.** 2009. “A central role for venom in predation by *Varanus komodoensis* (Komodo Dragon) and the extinct giant *Varanus (Megalania) priscus*.” *Proceedings of the National Academy of Sciences* **106** (2 June): 8969-8974.
- Fry, B. G., W. Wüster, R. M. Kini, V. Brusic, A. Khan, D. Venkataraman, & A. P. Rooney.** 2003. “Molecular Evolution and Phylogeny of Elapid Snake Venom Three-Finger Toxins.” *Journal of Molecular Evolution* **57** (July): 110-129.
- Fry, Douglas P.** 2012. “Life Without War.” *Science* **336** (18 May): 879-884.
- Fry, Douglas P., & Patrik Söderberg.** 2013. “Lethal Aggression in Mobile Forager Bands and Implications for the Origins of War.” *Science* **341** (19 July): 270-273.
- Fry, Iris.** 2011. “The Role of Natural Selection in the Origin of Life.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **41** (February): 3-16.
- Fry, James D.** 2003. “Multilocus Models of Sympatric Speciation: Bush Versus Rice Versus Felsenstein.” *Evolution* **57** (August): 1735-1746.
- . 2009. “Laboratory Experiments on Speciation,” in Garland & Rose (2009, 631-656).
- Frydman, Cary, Colin Camerer, Peter Bossaerts, & Antonio Rangel.** 2011. “MAOA-L carriers are better at making optimal financial decisions under risk.” *Proceedings of the Royal Society of London B (Biological Sciences)* **278** (7 July): 2053-2059.
- Fryer, Roland G. Jr., Philipp Harms, & Matthew O. Jackson.** 2015. “Updating Beliefs when Evidence is Open to Interpretation: Implications for Bias and Polarization.” *Social Science Research Network* April draft posting (online pdf at papers.ssm.com accessed 4/26/2015).
- Fu, Clarice, Jonathan M. Wilson, Peter J. Rombough, & Colin J. Brauner.** 2010. “Ions first: Na⁺ uptake shifts from the skin to the gills before O₂ uptake in developing rainbow trout, *Oncorhynchus mykiss*.” *Proceedings of the Royal Society of London B (Biological Sciences)* **277** (22 May): 1553-1560.
- Fu, Dong-Jing, Xing-Liang Zhang, & De-Gan Shu.** 2011. “Soft anatomy of the Early Cambrian arthropod *Isoxys curvirostratus* from the Chengjiang biota of South China with a discussion of the origination of great appendages.” *Acta Palaeontologica Polonica* **56** (4): 843-852.

- Fu, Jingyan, Minglei Bian, Junjun Liu, Qing Jiang, & Chuanmao Zhang.** 2009. “A single amino acid change converts Aurora-A into Aurora-B-like kinase in terms of partner specificity and cellular function.” *Proceedings of the National Academy of Sciences* **106** (28 April): 6939-6944.
- Fu, Jinping, Nico Posnien, Renata Bolognesi, Tamara D. Fischer, Parker Rayl, Georg Oberhofer, Peter Kitzmann, Susan J. Brown, & Gregor Bucher.** 2012. “Asymmetrically expressed *axin* required for anterior development in *Tribolium*.” *Proceedings of the National Academy of Sciences* **109** (15 May): 7782-7786.
- Fu, Qiaomei, Mateja Hajdinjak, Oana Teodora Moldovan, Silviu Constantin, Swapan Mallick, Pontus Skoglund, Nick Patterson, Nadin Rohland, Iosif Lazaridis, Birgit Nickel, Bence Viola, Key Prüfer, Matthias Meyer, Janet Kelso, David Reich, & Svante Pääbo.** 2015. “An early modern human from Romania with a recent Neanderthal ancestor.” *Nature* **524** (13 August): 216-219.
- Fu, Qiaomei, Heng Li, Priya Moorjani, Flora Jay, Sergey M. Slepchenko, Aleksei A. Bondarev, Philip L. F. Johnson, Ayineur Aximu-Petri, Key Prüfer, Cesare de Filippo, Matthias Meyer, Nicolas Zwyns, Domingo C. Salazar-García, Yaroslav V. Kuzmin, Susan G. Keates, Pavel A. Kosintsev, Dmitry I. Razhev, Michael P. Richards, Nikolai V. Peristov, Michael Lachmann, Katerina Douka, Thomas F. G. Higham, Montgomery Slatkin, Jean-Jacques Hublin, David Reich, Janet Kelso, T. Bence Viola, & Svante Pääbo.** 2014. “Genome sequence of a 45,000-year-old modern human from western Siberia.” *Nature* **514** (23 October): 445-449.
- Fu, Qiaomei, Matthias Meyer, Xing Gao, Udo Stenzel, Hernán A. Burbano, Janet Kelso, & Svante Pääbo.** 2013. “DNA analysis of an early modern human from Tianyuan Cave, China.” *Proceedings of the National Academy of Sciences* **110** (5 February): 2223-2227.
- Fu, Qiaomei, Cosimo Posth, Mateja Hajdinjak, Martin Petr, Swapan Mallick, Daniel Fernandes, Anja Furtwängler, Wolfgang Haak, Matthias Meyer, Alissa Mittnik, Birgit Nickel, Alexander Peltzer, Nadin Rohland, Viviane Slon, Sahra Talamo, Iosif Lazaridis, Mark Lipson, Iain Mathieson, Stephan Schiffels, Pontus Skoglund, Anatoly P. Derevianko, Nikolai Drozdov, Vyacheslav Slavinsky, Alexander Tsybankov, Renata Grifoni Cremonesi, Francesco Mallegni, Bernard Gély, Eligio Vacca, Manuel R. González Morales, Lawrence G. Straus, Christine Neugebauer-Maresch, Maria Teschler-Nicola, Silviu Constantin, Oana Teodora Moldovan, Stefano Benazzi, Marco Peresani, Donato Coppola, Martina Lari, Stefano Ricci, Annamaria Ronchitelli, Frédérique Valentin, Corinne Thevenet, Kurt Wehrberger, Dan Grigorescu, Hélène Rougier, Isabelle Crevecoeur, Damien Flas, Patrick Semal, Marcello A. Mannino, Christophe Cupillard, Hervé Bocherens, Nicholas J. Conard, Katerina Harvati, Vyacheslav Moiseyev, Dorothee G. Drucker, Jiří Svoboda, Michael P. Richards, David Caramelli, Ron Pinhasi, *Janet Kelso, Nick Patterson, Johannes Krause, Svante Pääbo, & David Reich.** 2016. “The genetic history of Ice Age Europe.” *Nature* **534** (9 June): 200-205.
- Fu, Roger R., Bradford H. Hager, Anton I. Ermakov, & Maria T. Zuber.** 2013. “Early Viscous Relaxation of Asteroid Vesta and Implications for Late Impact-Driven Despinning.” *Proceedings of the Lunar and Planetary Science Conferences* **44**: abstract 2015.
- . 2014. “Efficient early global relaxation of asteroid Vesta.” *Icarus* **240** (15 September): 133-145.
- Fu, Rong.** 2015. “Global warming-accelerated drying in the tropics.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3593-3594.
- Fu, Shulan, Zhenling Lv, Zhi Gao, Huajun Wu, Junling Pang, Bing Zhang, Qianhua Dong, Xiang Guo, Xiu-Jie Wang, James A. Birchler, & Fangpu Han.** 2013. “De novo centromere formation on a chromosome fragment in maize.” *Proceedings of the National Academy of Sciences* **110** (9 April): 6033-6036.
- Fu, Wenqing, Timothy D. O’Connor, Goo Jun, Hyun Min Kang, Goncalo Abecasis, Suzanne M. Leal, Stacey Gabriel, David Altshuler, Jay Shendure, Deborah A. Nickerson, Michael J. Bamshad, NHLBI Exome Sequencing Project, & Joshua M. Akey.** 2013.

- “Analysis of 6,515 exomes reveals the recent origin of most human protein-coding variants.” *Nature* **493** (10 January): 216-220.
- Fu, Xing, Patrick Giavalisco, Xiling Liu, Garreth Catchpole, Ning Fu, Zhi-Bin Ning, Song Guo, Zheng Yan, Mehmet Somel, Svante Pääbo, Rong Zeng, Lothar Willmitzer, & Philipp Khaitovich.** 2011. “Rapid metabolic evolution in human prefrontal cortex.” *Proceedings of the National Academy of Sciences* **108** (12 April): 6182-6186.
- Fu, Ye, Guan-Cheng Luo, Kai Chen, Xin Deng, Miao Yu, Dali Han, Ziyang Hao, Jianzhao Liu, Xingyu Lu, Louis C. Doré, Xiaocheng Weng, Quanjiang Ji, Laurens Mets, & Chuan He.** 2015. “N⁶-Methyldeoxyadenosine Marks Active Transcription Start Sites in *Chlamydomonas*.” *Cell* **161** (7 May): 879-892.
- Fu, Yi-Ping, Indu Kohaar, Nathaniel Rothman, Julie Earl, Jonine D. Figueroa, Yuanqing Ye, Núria Malats, Wei Tang, Luyang Liu, Montserrat Garcia-Closas, Brian Muchmore, Nilanjan Chatterjee, McAnthony Tarway, Manolis Kogevinas, Patricia Porter-Gill, Dalsu Baris, Adam Mumy, Demetrius Albanes, Mark P. Purdue, Amy Hutchinson, Alfredo Carrato, Adonina Tardón, Consol Serra, Reina Garcia-Closas, Josep Lloreta, Alison Johnson, Molly Schwenn, Margaret R. Karagas, Alan Schned, W. Ryan Diver, Susan M. Gapstur, Michael J. Thun, Jarmo Virtamo, Stephen J. Chanock, Joseph F. Fraumeni Jr., Debra T. Silverman, Xifeng Wu, Francisco X. Real, & Ludmilla Prokunina-Olsson.** 2012. “Common genetic variants in the *PSCA* gene influence gene expression and bladder cancer risk.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4974-4979.
- Fu, Yongshuo H., Hongfang Zhao, Shilong Piao, Marc Peaucelle, Shushi Peng, Guiyun Zhou, Philippe Ciais, Mengtian Huang, Annette Menzel, Josep Peñuelas, Yang Song, Yann Vitasse, Zhenzhong Zeng, & Ivan A. Janssens.** 2015. “Declining global warming effects on the phenology of spring leaf unfolding.” *Nature* **526** (1 October): 104-107.
- Fu, Yun-Xun, & Wen-Hsiung Li.** 1999. “Coalescing into the 21st Century: An Overview and Prospects of Coalescent Theory.” *Theoretical Population Biology* **56** (August): 1-10.
- Fuchs, Dirk, Giacomo Bracchi, & Robert Weis.** 2009. “New Octopus (Cephalopoda: Coleoidea) from the Late Cretaceous (Upper Cenomanian) of Hâkel and Hâdjoula, Lebanon.” *Palaeontology* **52** (January): 65-81.
- Füchslin, Rudolf M., & John S. McCaskill.** 2001. “Evolutionary self-organization of cell-free genetic coding.” *Proceedings of the National Academy of Sciences* **98** (31 July): 9185-9190.
- Fuentes, Ignacia, Sandra Stegemann, Hieronim Golczyk, Daniel Karcher, & Ralph Bock.** 2014. “Horizontal genome transfer as an asexual path to the formation of new species.” *Nature* **511** (10 July): 232-235.
- Fuerst, John A.** 2014. “Microorganisms—A Journal and a Unifying Concept for the Science of Microbiology.” *Microorganisms* **2** (December): 140-146.
- Fuerst, John A., & Evgeny Sagulenko.** 2011. “Beyond the bacterium: planctomycetes challenge our concepts of microbial structure and function.” *Nature Reviews Microbiology* **9** (June): 403-413.
- Fugmann, Sebastian D., Cynthia Messier, Laura A. Novack, R. Andrew Cameron, & Jonathan P. Rast.** 2006. “An ancient evolutionary origin of the *Rag1/2* gene locus.” *Proceedings of the National Academy of Sciences* **103** (7 March): 3728-3733.
- Fuhrmann, Jakob, Andreas Schmidt, Silvia Spiess, Anita Lehner, Kürşad Turgay, Karl Mechtler, Emmanuelle Charpentier, & Tim Clausen.** 2009. “McsB Is a Protein Arginine Kinase That Phosphorylates and Inhibits the Heat-Shock Regulator CtsR.” *Science* **324** (5 June): 1323-1327.
- Fuis, Gary S., Thomas E. Moore, George Plafker, Thomas M. Brocher, Michael A. Fisher, Walter D. Mooney, Warren J. Nokleberg, Robert A. Page, Bruce C. Beaudoin, Nikolas I. Christensen, Alan R. Levander, William J. Lutter, Richard W. Saltus, & Natalia A. Ruppert.** 2008. “Trans-Alaska Crustal Transect and continental evolution involving subduction underplating and synchronous foreland thrusting.” *Geology* **36** (March): 267-270.

- Fujii, Noriko.** 2002. "D-Amino Acids in Living Higher Organisms." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (April): 103-127.
- Fujii, Sota, Charles S. Bond, & Ian D. Small.** 2011. "Selection patterns on restorer-like genes reveal a conflict between nuclear and mitochondrial genomes throughout angiosperm evolution." *Proceedings of the National Academy of Sciences* **108** (25 January): 1723-1728.
- Fujii, Takashi, Takayuki Kato, Koichi D. Hiraoka, Tomoko Miyata, Tohru Minamino, Fabienne F. V. Chevance, Kelly T. Hughes, & Keiichi Namba.** 2017. "Identical folds used for distinct mechanical functions of the bacterial flagellar rod and hook." *Nature Communications* (online @ nature.com) **8** (25 January): 14276.
- Fujii, Takeshi, Martin Cheung, Amandine Blanco, Takayuki Kato, Ariel J. Blocker, & Keiichi Namba.** 2012. "Structure of a type III secretion needle at 7-Å resolution provides insights into its assembly and signaling mechanisms." *Proceedings of the National Academy of Sciences* **109** (20 March): 4461-4466.
- Fujii, Takeshi, Katsuhiko Ito, Mitsuko Tatematsu, Toru Shimada, Susumu Katsuma, & Yukio Ishikawa.** 2011. "Sex pheromone desaturase functioning in a primitive *Ostrinia* moth is cryptically conserved in congeners' genomes." *Proceedings of the National Academy of Sciences* **108** (26 April): 7102-7106.
- Fujii, Tsuguru, Takeshi Fujii, Shigehiro Namiki, Hiroaki Abe, Takeshi Sakurai, Akio Ohnuma, Ryohei Kanzaki, Susumu Katsuma, Yukio Ishikawa, & Toru Shimada.** 2011. "Sex-linked transcription factor involved in a shift of sex-pheromone preference in the silkworm *Bombyx mori*." *Proceedings of the National Academy of Sciences* **108** (1 November): 18038-18043.
- Fujimoto, Satoko, Yasuhiro Oisi, Shigehiro Kuraku, Kinya G. Ota, & Shigeru Kuratani.** 2013. "Non-parsimonious evolution of hagfish *Dlx* genes." *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (19 January): 15.
- Fujimura, Tsutomu, & Rosa Esteban.** 2011. "Cap-snatching mechanism in yeast L-A double-stranded RNA virus." *Proceedings of the National Academy of Sciences* **108** (25 October): 17667-17671.
- Fujishima, Kosuke.** 2010. "Unique Split tRNA Genes Found in Archaea Suggest Gene Evolution May Have Occurred at the RNA Level." NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 10 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Fujishima, Kosuke, Junichi Sugahara, Kaoru Kikuta, Reiko Hirano, Asako Sato, Masaru Tomita, & Akio Kanai.** 2009. "Tri-split tRNA is a transfer RNA made from 3 transcripts that provides insight into the evolution of fragmented tRNAs in archaea." *Proceedings of the National Academy of Sciences* **106** (24 February): 2683-2687.
- Fujishima, Kosuke, Junichi Sugahara, Christopher S. Miller, Brett J. Baker, Massimo Di Giulio, Kanako Takesue, Asako Sato, Masaru Tomita, Jillian F. Banfield, & Akio Kanai.** 2011. "A novel three-unit tRNA splicing endonuclease found in ultrasmall Archaea possesses broad substrate specificity." *Nucleic Acids Research* **39** (December): 9695-9704.
- Fujishima, Kosuke, Junichi Sugahara, Masaru Tomita, & Akio Kanai.** 2008. "Sequence Evidence in the Archaeal Genomes that tRNAs Emerged Through the Combination of Ancestral Genes as 5' and 3' tRNA Halves." *PLoS ONE* (online @ plosone.org) **3** (February): e1622.
- Fujita, Koji.** 2011. "Another Antarctic rhythm." *Nature* **471** (3 March): 45-46.
- Fujita, Koji, & Takayuki Nuimura.** 2011. "Spatially heterogeneous wastage of Himalayan glaciers." *Proceedings of the National Academy of Sciences* **108** (23 August): 14011-14014.
- Fujita, Masaki, Shinji Yamasaki, Chiaki Katagiri, Itsuro Oshiro, Katsuhiko Sano, Taiji Kurozumi, Hiroshi Sugawara, Dai Kunikita, Hiroyuki Matsuzaki, Akihiro Kano, Tomoyo Okumura, Tomoni Sone, Hikaru Fujita, Satoshi Kobayashi, Toru Naruse, Megumi Kondo, Shuji Matsu'ura, Gen Suwa, & Yousuke Kaifu.** 2016. "Advanced maritime adaptation in the western Pacific coastal region extends back to 35,000-30,000

- years before present.” *Proceedings of the National Academy of Sciences* **113** (4 October): 11184-11189.
- Fujita, Yuki, Hiroyuki Furuta, & Yoshiya Ikawa.** 2009. “Tailoring RNA modular units on a common scaffold: A modular ribozyme with a catalytic unit for β -nicotinamide mononucleotide-activated RNA.” *RNA* **15** (May): 877-888.
- Fujiwara, Juri, Philippe N. Tobler, Masato Taira, Toshio Iijima, & Ken-Ichiro Tsutsui.** 2009. “Segregated and Integrated Coding of Reward and Punishment in the Cingulate Cortex.” *Journal of Neurophysiology* **101** (June): 3284-3293.
- Fujiyama, Asao, Hidemi Watanabe, Atsushi Toyoda, Todd D. Taylor, Takehiko Itoh, Shih-Feng Tsai, Hong-Seog Park, Marie-Laure Yaspo, Hans Lehrach, Zhu Chen, Gang Fu, Naruya Saito, Kazutoyo Osoegawa, Pieter J. de Jong, Yumiko Suto, Masahira Hattori, & Yoshiyuki Sakaki.** 2002. “Construction and Analysis of a Human Chimpanzee Comparative Clone Map.” *Science* **295** (4 January): 131-134.
- Fukai, Shuya, Osamu Nureki, Shun-ichi Sekine, Atsushi Shimada, Jianshi Tao, Dmitry G. Vassilyev, & Shigeyuki Yokoyama.** 2000. “Structural Basis for Double-Sieve Discrimination of L-Valine from L-Isoleucine and L-Threonine by the Complex of tRNA^{Val} and Valyl-tRNA Synthetase.” *Cell* **103** (22 November): 793-803.
- Fukao, Y.,** ed. 2005. *Frontier Research on Earth Evolution, Vol. 2.* Japan: Institute For Research on Earth Evolution.
- Fukatsu, Takema.** 2010. “A Fungal Past to Insect Color.” *Science* **328** (30 April): 574-575.
- Fukuda, Kei, Kenji Ichihyanagi, Yoichi Yamada, Yasuhiro Go, Toshifumi Udono, Seitaro Wada, Toshiyuki Maeda, Hidenobu Soejima, Naruya Saitou, Takashi Ito, & Hiroyuki Sasaki.** 2013. “Regional DNA methylation differences between humans and chimpanzees are associated with genetic changes, transcriptional divergence and disease genes.” The Japan Society of Human Genetics *Journal of Human Genetics* **58** (July): 446-454.
- Fukuhara, H., F. Sor, R. Drissi, N. Dinouël, I. Miyakawa, S. Rousset, & A. M. Viola.** 1993. “Linear mitochondrial DNAs of yeasts: frequency of occurrence and general features.” *Molecular and Cellular Biology* **13** (April): 2309-2314.
- Fukuoka, Shuichi, Norikuni Saka, Hironori Koga, Kazuko Ono, Takehiko Shimizu, Kaworu Ebana, Nagao Hayashi, Akira Takahashi, Hirohiko Hirochika, Kazutoshi Okuno, & Masahiro Yano.** 2009. “Loss of Function of a Proline-Containing Protein Confers Durable Disease Resistance in Rice.” *Science* **325** (21 August): 998-1001.
- Fukuta, Katsuhiko, Hiroshi Kudo, & Syed Jalaludin.** 1996. “Unique pits on the erythrocytes of the lesser mouse-deer, *Tragulus javanicus*.” *Journal of Anatomy* **189** (August): 211-213.
- Fukuyama, Francis.** 2006. “After Neoconservatism.” *The New York Times* posting 19 February: online text accessed 2/23/2011 (www.nytimes.com).
- Fulkerson, Norman.** 2004. “Tillman’s Tower.” *Crusade* (July/August): 9-10.
- Fullam, Rachel S., Shane McKie, & Mairead C. Dolan.** 2009. “Psychopathic traits and deception: functional magnetic resonance imaging study.” *The British Journal of Psychiatry* **194** (March): 229-235.
- Fuller, Derek N., Dorian M. Raymer, Vishal I. Kottadiel, Venigalla B. Rao, & Douglas E. Smith.** 2007. “Single phage T4 DNA packaging motors exhibit large force generation, high velocity, and dynamic variability.” *Proceedings of the National Academy of Sciences* **104** (23 October): 16868-16873.
- Fuller, Derek N., Dorian M. Raymer, Vishal I. Kottadiel, Venigalla B. Rao, & Douglas E. Smith.** 2007. “Single phage T4 DNA packaging motors exhibit large force generation, high velocity, and dynamic variability.” *Proceedings of the National Academy of Sciences* **104** (23 October): 16868-16873.
- Fuller, Dorian Q., George Willcox, & Robin G. Allaby.** 2012. “Early agricultural pathways: moving outside the ‘core area’ hypothesis in Southwest Asia.” *Journal of Experimental Botany* **63** (January #2): 617-633.
- Fuller, Steve.** 2005. “Statement by Steve Fuller.” *SciPolicy* 7 November letter posting (online text at scipolicy.net accessed 12/8/2005).
- . 2006. “A witness in the Dover trial pits motive against method.” Templeton Foundation

- Science & Theology News* 8 March posting (online text at *stnews.org* accessed 3/13/2006, not available as of 5/8/2014).
- . 2007. *Science v. Religion? Intelligent Design and the Problem of Evolution*. Cambridge: Polity.
- . 2008a. *Dissent Over Descent: Intelligent Design's Challenge to Darwinism*. Cambridge: Icon Books.
- . 2008b. "In the Face of an Aspiring Baboon." *Uncommon Descent* posting 22 August (online text at *uncommondescent.com* accessed 8/26/2008).
- . 2008c. "Ruse's Ruse." *Science* 5 November letter posting: online text accessed 4/10/2014 (*sciencemag.org*).
- . 2008d. "Science Studies Goes Public: A Report on an Ongoing Performance." University of Toronto *Spontaneous Generations* 2 (1): 11-21.
- . 2010. "Science in God's image." *The Guardian* posting 3 May (online text at *guardian.co.uk* accessed 3/1/2013).
- . 2012. "The Fragility of Academic Norms: The Case of Springer v. the Darwinoids." *CSID* 5 March posting (online text at *cas-csid.cas.unt.edu* accessed 3/6/2012).
- . 2016. "Science has always been a bit 'post-truth'." *The Guardian* posting 15 December (online text at *theguardian.com* accessed 12/22/2016).
- Fuller, Susan, Michael Schwarz, & Simon Tierney.** 2005. "Phylogenetics of the allodapine bee genus *Braunsapis*: historical biogeography and long-range dispersal over water." *Journal of Biogeography* 32 (December): 2135-2144.
- Fullner, Karla Jean.** 1998. "Role of *Agrobacterium virB* Genes in Transfer of T Complexes and RSF1010." *Journal of Bacteriology* 180 (January, No. 2): 430-434.
- Fullner, Karla Jean, J. Cano Lara, & Eugene W. Nester.** 1996. "Pilus Assembly by *Agrobacterium* T-DNA Transfer Genes." *Science* 273 (23 August): 1107-1109.
- Fumagalli, Fiorenza, Julia Noack, Timothy J. Bergmann, Eduardo Cebollero, Giorgia Brambilla Pisoni, Elisa Fasana, Ilaria Fregno, Carmela Galli, Marisa Loi, Tatiana Soldà, Rocco D'Antuono, Andrea Raimondi, Martin Jung, Armin Melnyk, Stefan Schorr, Anne Schreiber, Luca Simonelli, Luca Varani, Caroline Wilson-Zbinden, Oliver Zerbe, Kay Hofmann, Matthias Peter, Manfredo Quadroni, Richard Zimmermann, & Maurizio Molinari.** 2016. "Translocon component Sec62 acts in endoplasmic reticulum turnover during stress recovery." *Nature Cell Biology* 18 (November): 1173-1184.
- Fumagalli, Manuela, & Alberto Priori.** 2012. "Functional and clinical neuroanatomy of morality." *Brain* 135 (July): 2006-2021.
- . 2013. "Reply: Morality: incomplete without the cerebellum?" *Brain* 136 (August): e245.
- Fumagalli, Matteo, Ida Moltke, Niels Grarup, Fernando Racimo, Peter Bjerregaard, Marit E. Jørgensen, Thorfinn S. Korneliussen, Pascale Gerbault, Line Skotte, Allan Linneberg, Cramer Christensen, Ivan Brandslund, Torben Jørgensen, Emilia Huerta-Sánchez, Erik B. Schmidt, Oluf Pedersen, Torben Hansen, Anders Albrechsten, & Rasmus Nielsen.** 2015. "Greenlandic Inuit show genetic signatures of diet and climate adaptation." *Science* 349 (18 September): 1343-1347.
- Fumagalli, Matteo, Manuela Sironi, Uberto Pozzoli, Anna Ferrer-Admettla, Linda Pattini, & Rasmus Nielsen.** 2011. "Signatures of Environmental Genetic Adaptation Pinpoint Pathogens as the Main Selective Pressure through Human Evolution." *PLoS Genetics* (online @ *plosgenetics.org*) 7 (November): e1002355.
- Fumagalli, Michele, John M. O'Meara, & J. Xavier Prochaska.** 2011. "Detection of Pristine Gas Two Billion Years After the Big Bang." *Science* 334 (2 December): 1245-1249.
- Fumento, Michael.** 1997. "Doomsayer Paul Ehrlich Strikes Out Again." *Michael Fumento* posting of *Investor's Business Daily* (16 December) article (online text at *fumento.com* accessed 10/14/2014).
- . 2012. "My Break with the Extreme Right." *Michael Fumento* posting of *Salon* (24 November) article (online text at *fumento.com* accessed 10/14/2014).
- Funato, Hiromasa, Makito Sato, Christopher M. Sinton, Laurent Gautron, S. Clay Williams,**

- Amber Skach, Joel K. Elmquist, Arthur I. Skoultchi, & Masashi Yanagisawa.** 2010. "Loss of *Gooseoid-like* and *DiGeorge syndrome critical region 14* in interpeduncular nucleus results in altered regulation of rapid eye movement sleep." *Proceedings of the National Academy of Sciences* **107** (19 October): 18155-18160.
- Fund, John.** 2014a. "Voter Fraud: We've Got Proof It's Easy." *National Review Online* (12 January): online text accessed 7/2/2015 (www.nationalreview.com).
- . 2014b. "One of Eight Voter Registrations Is Flawed, James O'Keefe Shows." *National Review Online* (3 November): online text accessed 7/2/2015 (www.nationalreview.com).
- Fundamentalist Journal.** 1982. "Proctor & Gamble: Symbol of Quality Not Evil." *Fundamentalist Journal* **1** (September): 55.
- . 1983a. "This new documentary film will help your church respond to the origins controversy." Advertisement for *Quadrus Film Creation/Evolution: Weighing the Evidence*. *Fundamentalist Journal* **2** (March): 48.
- . 1983b. "And Man took control of genesis ... redesigning every living thing and creating new ones to his own liking. And was it good?" Advertisement for *Jeremy Rifkin's Algeny*. *Fundamentalist Journal* **2** (June): 23.
- . 1984a. "A Christian Nation Needs Option of School Prayer." Reprint of *The News and Daily Advance* (Lynchburg, Virginia) editorial. *Fundamentalist Journal* **3** (May): 66.
- . 1984b. "Nebraskan Police Acted Unconstitutionally." *Fundamentalist Journal* **3** (October): 65.
- . 1987. "The Best Creation Films Available!" *Films for Christ* advertisement for book and video of Paul S. Taylor's *The Great Dinosaur Mystery and the Bible*. *Fundamentalist Journal* **6** (March): 17.
- . 1988. "Satan's Final Assault." *Fundamentalist Journal* **8** (October): 20-22.
- Funder, David C.** 2011. "Directions and beliefs of self-presentational bias." *Behavioral and Brain Sciences* **34** (1): 23.
- Funder, Svend, Hugues Goosse, Hans Jepsen, Eigel Kaas, Kurt H. Kjær, Niels J. Korsgaard, Nicolaj K. Larsen, Hans Linderson, Astrid Lyså, Per Möller, Jesper Olsen, & Eske Willerslev.** 2011. "A 10,000-Year Record of Arctic Ocean Sea-Ice Variability—View from the Beach." *Science* **333** (5 August): 747-750.
- Funeriu, Daniel P., Kari Rissanen, & Jean-Marie P. Lehn.** 2001. "Dominant/recessive behavior in the expression of molecular information: Self-assembly of inorganic macrocyclic architectures containing coordinatively unsaturated ligands." *Proceedings of the National Academy of Sciences* **98** (11 September): 10546-10551.
- Funes, Soledad, Edgar Davidson, Adrián Reyes-Prieto, Susana Magallón, Pascal Herion, Michael P. King, & Diego González-Halphen.** 2002. "A Green Algal Apicoplast Ancestor." *Science* **298** (13 December): 2155.
- . 2003. "Response to Comment on 'A Green Algal Apicoplast Ancestor'." *Science* **301** (4 July): 49.
- Funes, Soledad, Adnan Hasona, Heike Bauerschmitt, Caroline Grubbauer, Frank Kauff, Ryan Collins, Paula J. Crowley, Sara R. Palmer, L. Jeannine Brady, & Johannes M. Herrmann.** 2009. "Independent gene duplications of the YidC/Oxa/Alb3 family enabled a specialized cotranslational function." *Proceedings of the National Academy of Sciences* **106** (21 April): 6656-6661.
- Funk, Cary, & Becka A. Alper.** 2015. "Religion and Science." 22 October *Pew Research Center* release (online pdf at www.pewinternet.org accessed 12/13/2015).
- Funk, Richard H. W., & C. Thiede.** 2014. "Ion Gradients and Electric Fields—An Intrinsic Part of Biological Processes." *Journal of Clinical & Experimental Oncology* (online @ scitechnol.com) **2014** (25 January): S1.
- Funk, Robert W., Roy W. Hoover, & The Jesus Seminar.** 1993. *The Five Gospels: The Search for the Authentic Words of Jesus*. New York: Macmillan.
- Funk, Stefan.** 2015. "Indirect detection of dark matter with γ rays." *Proceedings of the National Academy of Sciences* **112** (6 October): 12264-12271.
- Funkhouser, John G., I. Lynus Barnes, & John J. Naughton.** 1966. "Problems in the dating of

- volcanic rocks by the potassium-argon method.” *Bulletin of Volcanology* **29** (1): 709-717.
- . 1968. “The Determination of a Series of Ages of Hawaiian Volcanoes by the Potassium-Argon Method.” *Pacific Science* **22** (July): 369-372.
- Funkhouser, John G., & John J. Naughton.** 1968. “Radiogenic helium and argon in ultramafic inclusions from Hawaii.” *Journal of Geophysical Research* **73** (15 July): 4601-4607.
- Furey, Terrence S., & Praveen Sethupathy.** 2013. “Genetics Driving Epigenetics.” *Science* **342** (8 November): 705-706.
- Furlong, Eileen E. M.** 2011. “A fly in the face of genomics.” *Nature* **471** (24 March): 458-459.
- Furnes, Harald, Neil R. Banerjee, Karlis Muehlenbachs, Hubert Staudigel, & Maarten de Wit.** 2004. “Early Life Recorded in Archean Pillow Lavas.” *Science* **304** (23 April): 578-581.
- Fürsich, Franz T., Jafar Taheri, & Markus Wilmsen.** 2007. “New Occurrences of the Trace Fossil *Paleodictyon* in Shallow Marine Environments: Examples from the Triassic-Jurassic of Iran.” *Palaios* **22** (July): 408-416.
- Furuike, Shou, Mohammad Delawar Hossain, Yasushi Maki, Kengo Adachi, Toshiharu Suzuki, Ayako Kohori, Hiroyasu Itoh, Masasuke Yoshida, & Kazuhiko Kinoshita Jr.** 2008. “Axle-Less F₁-ATPase Rotates in the Correct Direction.” *Science* **319** (15 February): 955-958.
- Furukawa, Yoshihiro, Toshimori Sekine, Masahiro Oba, Takeshi Kakegawa, & Hiromoto Nakazawa.** 2009. “Biomolecule formation by oceanic impacts on early Earth.” *Nature Geoscience* **2** (January): 62-66.
- Furusawa, Chikara, & Kunihiko Kaneko.** 2002. “Origin of Multicellular Organisms as an Inevitable Consequence of Dynamical Systems.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **268** (November): 327-342.
- Furuta, Yoshikazu, Mikihiro Kawai, Koji Yahara, Noriko Takahashi, Naofumi Handa, Takeshi Tsuru, Kenshiro Oshima, Masaru Yoshida, Takeshi Azuma, Masahira Hattori, Ikuo Uchiyama, & Ichizo Kobayashi.** 2011. “Birth and death of genes linked to chromosomal inversion.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1501-1506.
- Fusani, Leonida, Cristiano Bertolucci, Elena Frigato, & Augusto Foà.** 2014. “Cryptochrome expression in the eye of migratory birds depends on their migratory status.” *The Journal of Experimental Biology* **217** (March): 918-923.
- Fusco, Giuseppe, & Alessandro Minelli.** 2010. “Phenotypic plasticity in development and evolution: facts and concepts.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **365** (February): 547-556.
- Fushinobu, Shinya, Hiroshi Nishimasu, Daiki Hattori, Hyun-Jin Song, & Takayoshi Wakagi.** 2011. “Structural basis for the bifunctionality of fructose-1,6-bisphosphate aldolase/phosphatase.” *Nature* **478** (27 October): 538-541.
- Fuss, Jochen, Nikolai Spassov, David R. Begun, & Madelaine Böhme.** 2017. “Potential hominin affinities of *Graecopithecus* from the Late Miocene of Europe.” *PLoS ONE* (online @ plosone.org) **12** (May): e0177127.
- Fuss, Johannes, Jörg Steinle, Laura Bindila, Matthias K. Auer, Hartmut Kirchherr, Beat Lutz, & Peter Gass.** 2015. “A runner’s high depends on cannabinoid receptors in mice.” *Proceedings of the National Academy of Sciences* **112** (20 October): 13105-13108.
- Fusté, M. Carmen,** ed. 2012. *Studies in Population Genetics*. Rijeka, Croatia: InTech.
- Fuster, Joaquín M.** 2002. “Frontal lobe and cognitive development.” *Journal of Neurocytology* **31** (March-June): 373-385.
- Fusz, Stefan, Alexander Eisenführ, Seergazhi G. Srivatsan, Alexander Heckel, & Michael Famulok.** 2005. “A Ribozyme for the Aldol Reaction.” *Chemistry & Biology* **12** (August): 941-950.
- Futahashi, Ryo, Ryouka Kawahara-Miki, Michiyo Kinoshita, Kazutoshi Yoshitake, Shunsuke Yajima, Kentaro Arikawa, & Takema Fukatsu.** 2015. “Extraordinary diversity of visual opsin genes in dragonflies.” *Proceedings of the National Academy of Sciences* **112** (17 March): E1247-E1256.

- Futahashi, Ryo, Hiroko Shirataki, Takanori Narita, Kazuei Mita, & Haruhiko Fujiwara.** 2012. "Comprehensive microarray-based analysis for stage-specific larval camouflage pattern-associated genes in the swallowtail butterfly, *Papilio xuthus*." *BMC Biology* (online @ biomedcentral.com) **10** (31 May): 46.
- Futuyma, Douglas J.** 1982. *Science on Trial: The Case for Evolution*. 1983 pb ed. New York: Pantheon Books.
- . 1986. *Evolutionary Biology*. 2nd ed. Sunderland, MA: Sinauer Associates, Inc.
- . 1994. "Ernst Mayr and Evolutionary Biology." *Evolution* **48** (February): 36-43.
- . 1997. "Miracles and Molecules." *Boston Review* **22** (February/March): online text accessed 5/16/2009 (*bostonreview.net*).
- . 1998. *Evolutionary Biology*. 3rd ed. Sunderland, MA: Sinauer Associates, Inc.
- . 2004. "The Fruit of the Tree of Life: Insights into Evolution and Ecology," in Cracraft & Donoghue (2004, 25-39).
- . 2010a. "How Species Affect Each Other's Evolution." *Evolution: Education & Outreach* **3** (March): 3-5.
- . 2010b. "Two Critics Without a Clue." *Science* **328** (7 May): 692-693.
- Futuyma, Douglas J., & Anurag A. Agrawal.** 2009. "Evolutionary history and species interactions." *Proceedings of the National Academy of Sciences* **106** (27 October): 18043-18044.
- Fuxjager, Matthew J., Kyla R. Davidoff, Lisa A. Mangiamele, & Kenneth J. Lohmann.** 2014. "The geomagnetic environment in which sea turtle eggs incubate affects subsequent magnetic navigation behaviour of hatchlings." *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (22 September): 20141218.
- Fuxjager, Matthew J., Brian S. Eastwood, & Kenneth J. Lohmann.** 2011. "Orientation of hatching loggerhead sea turtles to regional magnetic fields along a transoceanic migratory pathway." *The Journal of Experimental Biology* **214** (1 August): 2504-2508.
- Fyfe, John C., Gerald A. Meehl, Matthew H. England, Michael E. Mann, Benjamin D. Santer, Gregory M. Flato, Ed Hawkins, Nathan P. Gillett, Shang-Ping Xie, Yu Kosaka, & Neil C. Swart.** 2016. "Making sense of the early-2000s warming slowdown." *Nature Climate Change* **6** (March): 224-228.
- Fyfe, Sophie, Claire Williams, Oliver J. Mason, & Graham J. Pickup.** 2008. "Apophenia, theory of mind and schizotypy: Perceiving meaning and intentionality in randomness." *Cortex* **44** (November-December): 1316-1325.
- Fyfe, Alonzo.** 2006. "Why Don't Atheists Build Hospitals?" *Atheist Ethicist: A view of right and wrong, good and evil, in a universe without gods* 7 May posting (online text at *atheistethicist.blogspot.com* accessed 10/26/2014).
- Fyke, J., & M. Eby.** 2012. "Comment on 'Climate Sensitivity Estimated from Temperature Reconstructions of the Last Glacial Maximum'." *Science* **337** (14 September): 1294.

- Gabaldón, Toni, & Martijn A. Huynen.** 2003. “Reconstruction of the Proto-Mitochondrial Metabolism.” *Science* **301** (1 August): 609.
- . 2007. “From Endosymbiont to Host-Controlled Organelle: The Hijacking of Mitochondrial Protein Synthesis and Metabolism.” *PLoS Computational Biology* (online @ ploscompbiol.org) **3** (November): e219.
- Gabaldón, Toni, Berend Snel, Frank van Zimmeren, Wieger Hemrika, Henk Tabak, & Martijn A. Huynen.** 2006. “Origin and evolution of the peroxisomal proteome.” *Biology Direct* (online @ biomedcentral.com) **1** (23 March): 8.
- Gabbatt, Adam.** 2015. “Christian cult that predicted Wednesday’s world annihilation will study Bible for revised deadline.” *The Raw Story* 9 October reposting of *The Guardian* article (online text at www.rawstory.com accessed 10/10/2015).
- Gabbott, S. E., R. J. Aldridge, & J. N. Theron.** 1995. “A giant conodont with preserved muscle tissue from the Upper Ordovician of South Africa.” *Nature* **374** (27 April): 800-803.
- Gabbott, Sarah E., Philip C. J. Donoghue, Robert S. Sansom, Jakob Vinther, Andrei Dolocan, & Mark A. Purnell.** 2016. “Pigmented anatomy in Carboniferous cyclostomes and the evolution of the vertebrate eye.” *Proceedings of the Royal Society of London B* (Biological Sciences) **283** (17 August): 20161151.
- Gabbott, S. E., J. Zalasiewicz, & D. Collins.** 2008. “Sedimentation of the Phyllopod Bed within the Cambrian Burgess Shale Formation of British Columbia.” *Journal of the Geological Society, London* **165** (January): 307-318.
- Gabel, Christopher V., & Howard C. Berg.** 2003. “The speed of the flagellar rotary motor of *Escherichia coli* varies linearly with protonmotive force.” *Proceedings of the National Academy of Sciences* **100** (22 July): 8748-8751.
- Gabel, Norman W., & Dames A. Moore.** 1990. “A realistic chemical basis for the origin of life.” *Evolutionary Theory* **9** (June): 181-209.
- Gabet, Emmanuel J.** 2014. “Late Cenozoic uplift of the Sierra Nevada, California? A critical analysis of the geomorphic evidence.” *American Journal of Science* **314** (October): 1224-1257.
- Gabi, Mariana, Kleber Neves, Carolinne Masseron, Pedro F. M. Ribeiro, Lissa Ventura-Antunes, Laila Torres, Bruno Mota, Jon H. Kaas, & Suzana Herculano-Houzel.** 2016. “No relative expansion of the number of prefrontal neurons in primate and human evolution.” *Proceedings of the National Academy of Sciences* **113** (23 August): 9617-9622.
- Gabler, Ellen.** 2014. “Charges detail Waukesha pre-teens’ attempt to kill classmate.” Milwaukee, Wisconsin *Journal Sentinel* posting 2 June: online text accessed 6/5/2014 (www.jsonline.com).
- Gabriel, Richard, Angelo Lombardo, Anne Arens, Jeffrey C. Miller, Pietro Genovese, Christine Kaepfel, Ali Nowrouzi, Cynthia C. Bartholomae, Jianbin Wang, Geoffrey Friedman, Michael C. Holmes, Philip D. Gregory, Hanno Glimm, Manfred Schmidt, Luigi Naldrini, & Christof von Kalle.** 2011. “An unbiased genome-wide analysis of zinc-finger nuclease specificity.” *Nature Biotechnology* **29** (September): 816-823.
- Gabrielse, Gerald.** 2013. “The Standard Model’s greatest triumph.” *Physics Today* **66** (December): 64-65.
- Gabryszewski, Stanislaw J., Charin Modchang, Lise Musset, Thanat Chookajorn, & David A. Fidock.** 2016. “Combinatorial Genetic Modeling of pfprt-Mediated Drug Resistance Evolution in *Plasmodium falciparum*.” *Molecular Biology and Evolution* **33** (June): 1554-1570.
- Gabunia, Leo, Abesalom Vekua, David Lordkipanidze, Carl C. Swisher III, Reid Ferring, Antje Justus, Medea Nioradze, Merab Tvalchrelidze, Susan C. Antón, Gerhard Bosinski, Olaf Jöris, Marie-A. de Lumley, Givi Majsuradze, & Aleksander Mouskhelishvili.** 2000. “Earliest Pleistocene Hominid Cranial Remains from Dmanisi, Republic of Georgia: Taxonomy, Geological Setting, and Age.” *Science* **288** (12 May): 1019-1025.
- Gach, Gary.** 2011. “Zen and the Art of the Sex Scandal.” *Religion Dispatches* 24 January posting (online text at religiondispatches.org accessed 1/25/2011).

- Gadad, Bharathi S., Wenhao Li, Umar Yazdani, Stephen Grady, Trevor Johnson, Jacob Hammond, Howard Gunn, Britni Curtis, Chris English, Vernon Yutuc, Clayton Ferrier, Gene P. Sackett, C. Nathan Marti, Keith Young, Laura Hewitson, & Dwight C. German.** 2015. "Administration of thimerosal-containing vaccines to infant rhesus macaques does not result in autism-like behavior or neuropathology." *Proceedings of the National Academy of Sciences* **112** (6 October): 12498-12503.
- Gadagkar, Raghavendra.** 2008. "Why are animals nice to each other?" in Benton (2008a, 225-228).
- . 2009. "Interrogating insect society." *Proceedings of the National Academy of Sciences* **106** (30 June): 10407-10414.
- . 2010. "Sociobiology in turmoil again." *Current Science* **99** (25 October): 1036-1041.
- . 2011a. "The birth of ant genomics." *Proceedings of the National Academy of Sciences* **108** (5 April): 5477-5478.
- . 2011b. "Altruistic Wasps?" *Science* **333** (12 August): 833-834.
- Gadau, Jürgen.** 2015. "Genetic architecture of key social trait differs significantly between primitive and advanced eusocial species." *Proceedings of the National Academy of Sciences* **112** (10 November): 13755-13756.
- Gaddy, Welton.** 2011. "'I 'Came Out' For Marriage Equality': An Anti-Gay Activist Changes His Mind." *Religion Dispatches* 25 May posting (online text at religiondispatches.org accessed 5/26/2011).
- Gadelha, Catarina, Stephen Rothery, Mary Morphey, J. Richard McIntosh, Nicholas J. Severs, & Keith Gull.** 2009. "Membrane domains and flagellar pocket boundaries are influenced by the cytoskeleton in African trypanosomes." *Proceedings of the National Academy of Sciences* **106** (13 October): 17261-17266.
- Gaesser, Brendan, & Daniel L. Schacter.** 2014. "Episodic simulation and episodic memory can increase intentions to help others." *Proceedings of the National Academy of Sciences* **111** (25 March): 4415-4420.
- Gaetano, Leandro C., & Guillermo W. Rougier.** 2011. "New materials of *Argentoconodon fariasorum* (Mammaliaformes, Triconodontidae) from the Jurassic of Argentina and its bearing on triconodont phylogeny." *Journal of Vertebrate Paleontology* **31** (July): 829-843.
- Gaeth, A. P., R. V. Short, & M. B. Renfree.** 1999. "The developing renal, reproductive, and respiratory systems of the African elephant suggest an aquatic ancestry." *Proceedings of the National Academy of Sciences* **96** (11 May): 5555-5558.
- Gaffin, Richard B. Jr.** 2012. "'All Mankind, Descending from Him...?'" Orthodox Presbyterian Church *New Horizons* (March): online text accessed 8/22/2012 (www.opc.org).
- Gafney, Wil.** 2014. "Noah's All-White Ark, and Other Odd Directorial Choices." *Religion Dispatches* 31 March posting (online text at religiondispatches.org accessed 4/3/2014).
- Gage, Matthew J. G.** 2012. "Complex sperm evolution." *Proceedings of the National Academy of Sciences* **109** (20 March): 4341-4342.
- Gagliano, Monica.** 2013a. "Green symphonies: a call for studies on acoustic communication in plants." *Behavioral Ecology* **24** (July-August): 789-796.
- . 2013b. "The flowering of plant bioacoustics: how and why." *Behavioral Ecology* **24** (July-August): 800-801.
- Gagliano, Monica, Michael Renton, Nili Duvdevani, Matthew Timmins, & Stefano Mancuso.** 2012. "Out of Sight but Not out of Mind: Alternative Means of Communication in Plants." *PLoS ONE* (online @ plosone.org) **7** (May): e37382.
- Gagneux, Pascal.** 2013. "Evidence from Primatology and Genetics." *University of California* (San Diego) 10 October Antropogeny Master Class lecture presentation posting (online pdf at olli.ucsd.edu accessed 5/2/2014).
- Gagneux, Pascal, Monica Cheriyan, Nancy Hurtado-Ziola, Els C. M. Brinkman Van der Linden, Dan Anderson, Harold McClure, Ajit Varki, & Nissi M. Varki.** 2003. "Human-specific Regulation of α 2—6-linked Sialic Acids." *The Journal of Biological*

- Chemistry* **278** (28 November): 48245-48250.
- Gagneux, Pascal, & Ajit Varki.** 2001. "Genetic Differences between Humans and Great Apes." *Molecular Phylogenetics and Evolution* **18** (January): 2-13.
- Gagnière, Nicolas, Didier Jollivet, Isabelle Boutet, Yann Brélivet, Didier Busso, Corinne Da Silva, Françoise Gaill, Dominique Higué, Stéphane Hourdez, Bernard Knoops, François Lallier, Emmanuelle Leize-Wagner, Jean Mary, Dino Moras, Emmanuel Perrodou, Jean-François Rees, Béatrice Segurens, Bruce Shillito, Arnaud Tanguy, Jean-Claude Thierry, Jean Weissenbach, Patrick Wincker, Franck Zal, Olivier Poch, & Odile Lecompte.** 2010. "Insights into metazoan evolution from *alvinella pompejana* cDNAs." *BMC Genomics* (online @ biomedcentral.com) **11** (16 November): 634.
- Gagnon, Matthieu G., Sai V. Seetharaman, David Bulkley, & Thomas A. Steitz.** 2012. "Structural Basis for the Rescue of Stalled Ribosomes: Structure of YaeJ Bound to the Ribosome." *Science* **335** (16 March): 1370-1372.
- Gagnon, Yakir Luc, Daniel C. Osorio, Trevor J. Wardill, N. Justin Marshall, Wen-Sung Chung, & Shelby E. Temple.** 2016. "Can chromatic aberration enable color vision in natural environments?" *Proceedings of the National Academy of Sciences* **113** (8 November): E6908-E6909.
- Gagnon, Yakir Luc, Rachel Marie Templin, Martin John How, & N. Justin Marshall.** 2015. "Circularly Polarized Light as a Communication Signal in Mantis Shrimps." *Current Biology* **25** (7 December): 3074-3078.
- Gahn, Forest J., Alex Fabian, & Tomasz K. Baumiller.** 2003. "Additional evidence for the drilling behavior of Paleozoic gastropods." *Acta Palaeontologica Polonica* **48** (1): 156.
- Gahr, Manfred.** 2003. "Male Japanese quails with female brains do not show male sexual behaviors." *Proceedings of the National Academy of Sciences* **100** (24 June): 7959-7964.
- Gai, Zhikun, Philip C. J. Donoghue, Min Zhu, Philippe Janvier, & Marco Stampanoni.** 2011. "Fossil jawless fish from China foreshadows early jawed vertebrate anatomy." *Nature* **476** (18 August): 324-327.
- Gailani, David, & Thomas Renné.** 2007. "Intrinsic Pathway of Coagulation and Arterial Thrombosis." *Arteriosclerosis, Thrombosis, and Vascular Biology* **27** (December): 2507-2513.
- Gaillard, Fabrice, Bruno Scaillet, & Nicholas T. Arndt.** 2011. "Atmospheric oxygenation caused by a change in volcanic degassing pressure." *Nature* **478** (13 October): 229-232.
- . 2012. "Gaillard *et al.* reply." *Nature* **487** (26 July): E2.
- Gailliot, Matthew T., Roy F. Baumeister, C. Nathan DeWall, Jon K. Maner, E. Ashby Plant, Dianne M. Tice, Lauren E. Brewer, & Brandon J. Schmeichel.** 2007. "Self-Control Relies on Glucose as a Limited Energy Source: Willpower Is More Than a Metaphor." *Journal of Personality and Social Psychology* **92** (February): 325-336.
- Gaines, Robert R., & Mary L. Droser.** 2003. "Paleoecology of the familiar trilobite *Eldrathia kingii*: An early exaerobic zone inhabitant." *Geology* **31** (November): 941-944.
- Gaines, Robert R., Emma U. Hammarlund, Xianguang Hou, Changshi Qi, Sarah E. Gabbott, Yuanlong Zhao, Jin Peng, & Donald E. Canfield.** 2012a. "Mechanism for Burgess Shale-type preservation." *Proceedings of the National Academy of Sciences* **109** (3 April): 5180-5184.
- . 2012b. "Reply to Butterfield: Low-sulfate and early cements inhibit decay and promote Burgess Shale-type preservation." *Proceedings of the National Academy of Sciences* **109** (10 July): E1902.
- Gaines, Todd A., Wenli Zhang, Dafu Wang, Bekir Bukun, Stephen T. Chisholm, Dale L. Shaner, Scott J. Nissen, William L. Patzoldt, Patrick J. Tranel, A. Stanley Culpepper, Timothy L. Grey, Theodore M. Webster, William K. Vencill, R. Douglas Sammons, Jiming Jiang, Christopher Preston, Jan E. Leach, & Philip Westra.** 2010. "Gene amplification confers glyphosate resistance in *Amaranthus palmeri*." *Proceedings of the National Academy of Sciences* **107** (19 January): 1029-1034.
- Gainotti, Guido.** 2007. "False beliefs and motivated abnormal emotional behaviour in right brain-damaged patients." *Cortex* **43** (8): 1093-1094.

- Gaither, Milton.** 2008. "Yuracko on Regulating Homeschooling." *Homeschooling Research Notes* posting 24 June (online text at gaither.wordpress.com accessed 9/7/2011).
- . 2009. "West on Harms of Homeschooling." *Homeschooling Research Notes* posting 21 December (online text at gaither.wordpress.com accessed 9/7/2011).
- . 2011. "Does Homeschooling Promote Intolerance?" *Homeschooling Research Notes* posting 14 July (online text at gaither.wordpress.com accessed 9/7/2011).
- Gal, David.** 2006. "A psychological law of inertia and the illusion of loss aversion." *Judgment and Decision Making* **1** (July): 23-32.
- Gál, József, Gábor Horváth, Euan N. K. Clarkson, & Ottó Haiman.** 2000. "Image formation by bifocal lenses in a trilobite eye?" *Vision Research* **40** (March): 843-853.
- Gal, Moshe, Tzvi Katz, Amir Ovadia, & Gad Yagil.** 2003. "TRACTS: a program to map oligopurine. oligopyrimidine and other binary DNA tracts." *Nucleic Acids Research* **31** (1 July): 3682-3685.
- Gal, Ram, & Frederic Libersat.** 2010. "A Wasp Manipulates Neuronal Activity in the Sub-Esophageal Ganglion to Decrease the Drive for Walking in Its Cockroach Prey." *PLoS ONE* (online @ plosone.org) **5** (April): e10019.
- Gal, Ram, Lior Ann Rosenberg, & Frederic Libersat.** 2005. "Parasitoid wasp uses a venom cocktail injected into the brain to manipulate the behavior and metabolism of its cockroach prey." *Archives of Insect Biochemistry and Physiology* **60** (December): 198-208.
- Galaasen, Eirik Vinje, Ulysses S. Ninnemann, Nil Irvalr, Helga (Kikki) F. Kleiven, Yair Rosenthal, Catherine Kissel, & David A. Hodell.** 2014. "Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period." *Science* **343** (7 March): 1129-1132.
- Galal, Rami.** 2015. "Egypt's secular culture minister ruffles Salafi feathers." *Egypt Pulse* 6 October posting translated Pascale Menassa (online text at www.al-monitor.com accessed 10/14/2015).
- Galambos, Robert, & Gábor Juhász.** 2001. "How patterns of bleached rods and cones become visual perceptual experiences: A proposal." *Proceedings of the National Academy of Sciences* **98** (25 September): 11702-11707.
- Galambos, Robert, Orsolya Szabó-Salfay, Péter Barabás, János Pálhalmi, Nóra Szilágyi, & Gábor Juhász.** 2000. "Temporal distribution of the ganglion cell volleys in the normal rat optic nerve." *Proceedings of the National Academy of Sciences* **97** (21 November): 13454-13459.
- Galambos, Robert, Orsolya Szabó-Salfay, Ersébet Szatmári, Nóra Szilágyi, & Gábor Juhász.** 2001. "Sleep modifies retinal ganglion cell responses in the normal rat." *Proceedings of the National Academy of Sciences* **98** (13 February): 2083-2088.
- Galán, Jorge E., & Alan Collmer.** 1999. "Type III Secretion Machines: Bacterial Devices for Protein Delivery into Host Cells." *Science* **284** (21 May): 1322-1328.
- Galán, Jorge E., & Daoguo Zhou.** 2000. "Striking a balance: Modulation of the actin cytoskeleton by *Salmonella*." *Proceedings of the National Academy of Sciences* **97** (1 August): 8754-8761.
- Galanopoulos, A. G., & Edward Bacon.** 1969. *Atlantis: The Truth Behind the Legend*. Indianapolis: Bobbs-Merrill.
- Galant, Ron, & Sean B. Carroll.** 2002. "Evolution of a transcriptional repression domain in an insect Hox protein." *Nature* **415** (21 February): 910-913.
- Galanter, Marc.** 2005. "Spirituality in Alcoholics Anonymous: A Valuable Adjunct to Psychiatric Services." *NYU School of Medicine* 29 July posting (online text at www.med.nyu.edu accessed 1/3/2012).
- Galanter, Marc, Helen Dermatis, Gregory Blunt, Caroline Williams, Manuel Trujillo, & Paul Steinke.** 2007. "Assessment of spirituality and its relevance to addiction treatment." *Journal of Substance Abuse Treatment* **33** (October): 257-264.
- Galarneau, Geneviève, Cameron D. Palmer, Vijay G. Sankaran, Stuart H. Orkin, Joel H. Hirschhorn, & Guillaume Lettre.** 2010. "Fine-mapping at three loci known to affect fetal hemoglobin levels explains additional genetic variation." *Nature Genetics* **42** (December):

1049-1051.

- Galbraith, David A., Sarah D. Kocher, Tom Glenn, Istvan Albert, Greg J. Hunt, Joan E. Strassmann, David C. Wueller, & Christina M. Grozinger.** 2016. "Testing the kinship theory of intragenomic conflict in honey bees (*Apis mellifera*)."
Proceedings of the National Academy of Sciences **113** (26 January): 1020-1025.
- Gale, A. S., J. R. Young, N. J. Shackleton, S. J. Crowhurst, & D. S. Wray.** 1999. "Orbital tuning of Cenomanian marly chalk successions: towards a Milankovitch time-scale for the Late Cretaceous."
Philosophical Transactions of the Royal Society of London A (Mathematical, Physical & Engineering Sciences) **357** (July): 1815-1830.
- Gale, Joseph, Shimon Rachmilevitch, Joseph Reuveni, & Micha Volokita.** 2001. "The high oxygen atmosphere toward the end-Cretaceous; a possible contributing factor to the K/T boundary extinctions and to the emergence of C₄ species."
Journal of Experimental Botany **52** (15 April): 801-809.
- Gale, N. H., J. Arden, & R. Hutchison.** 1972. "Uranium-lead chronology of chondritic meteorites."
Nature Physical Science **240** (20 November): 56-57.
- Galef, Julia.** 2011a. "A Philosopher of Religion Calls it Quits."
Religion Dispatches 4 January posting (online text at religiondispatches.org accessed 1/5/2011).
- . 2011b. "Does Atheism Have a Misogyny Problem?"
Religion Dispatches 16 August posting (online text at religiondispatches.org accessed 8/17/2011).
- Galej, Wojciech P., Chris Oubridge, Andrew J. Newman, & Kiyoshi Nagai.** 2013. "Crystal structure of Prp8 reveals active site cavity of the spliceosome."
Nature **493** (31 January): 638-643.
- Galej, Wojciech P., Max E. Wilkinson, Sebastian M. Fica, Chris Oubridge, Andrew J. Newman, & Kiyoshi Nagai.** 2016. "Cryo-EM structure of the spliceosome immediately after branching."
Nature **537** (8 September): 197-201.
- Galen, Candace, Julie Huddle, & Emmanuel Liscum.** 2004. "An Experimental Test of the Adaptive Evolution of Phototropins: Blue-Light Photoreceptors Controlling Phototropism in *Arabidopsis thaliana*."
Evolution **58** (March): 515-523.
- Galen, Spencer C., Chandrasekhar Natarajan, Hideaki Moriyama, Roy E. Weber, Angela Fago, Phred M. Benham, Andrea N. Chavez, Zachary A. Cheviron, Jay F. Storz, & Christopher C. Witt.** 2015. "Contribution of a mutational hot spot to hemoglobin adaptation in high-altitude Andean house wrens."
Proceedings of the National Academy of Sciences **112** (10 November): 13958-13963.
- Galeotti, Simone, Robert DeConto, Timothy Naish, Paolo Stocchi, Fabio Florindo, Mark Pagani, Peter Barrett, Steven M. Bohaty, Luca Lanci, David Pollard, Sonia Sandroni, Franco M. Talarico, & James C. Zachos.** 2016. "Antarctic Ice Sheet variability across the Eocene-Oligocene boundary climate transition."
Science **352** (1 April): 76-81.
- Galer, S. J. G., & G. W. Lugmair.** 1996. "Lead isotope systematics of noncumulate eucrites."
Abstract listing *Meteoritics & Planetary Science* **31** (July Supplement 4): A47-A48.
- Galetti, Mauro, Roger Guevara, Marina C. Côrtes, Rodrigo Fadini, Sandro Von Matter, Abraão B. Leite, Fábio Labacca, Thiago Ribeiro, Carolina S. Carvalho, Rosane G. Collevatti, Mathias M. Pires, Paulo R. Guimarães Jr., Pedro H. Brancalion, Milton C. Ribeiro, & Pedro Jordano.** 2013. "Functional Extinction of Birds Drives Rapid Evolutionary Changes in Seed Size."
Science **340** (31 May): 1086-1090.
- Galibert, Francis, Pascale Quignon, Christophe Hitte, & Catherine André.** 2011. "Toward understanding dog evolutionary and domestication history: *Histoire de la domestication du chien*."
Comptes Rendus Biologies **334** (March): 190-196.
- Galimov, Erik M.** 2009. "Concept of Sustained Ordering and an ATP-related Mechanism of Life's Origin."
International Journal of Molecular Sciences **10** (April): 2019-2030.
- Galindo, Blanca E., Victor D. Vacquier, & Willie J. Swanson.** 2003. "Positive selection in the egg receptor for abalone sperm lysin."
Proceedings of the National Academy of Sciences **100** (15 April): 4639-4643.
- Galinsky, Adam D., Joe C. Magee, Deborah H. Gruenfeld, Jennifer A. Whitson, & Katie A. Liljenquist.** 2008. "Power Reduces the Press of the Situation: Implications for Creativity,

- Conformity, and Dissonance.” *Journal of Personality and Social Psychology* **95** (December): 1450-1466.
- Galis, Frietson.** 1999. “Why Do Almost All Mammals Have Seven Cervical Vertebrae? Developmental Constraints, *Hox* Genes, and Cancer.” *Journal of Experimental Zoology* **285** (April): 19-26.
- . 2001. “Digit identity and digit number: indirect support for the descent of birds from theropod dinosaurs.” *Trends in Ecology & Evolution* **16** (January): 16.
- Galis, Frietson, David R. Carrier, Joris van Alphen, Steven D. van der Mije, Tom J. M. Van Dooren, Johan A. J. Metz, & Clara M. A. ten Broek.** 2014. “Fast running restricts evolutionary change of the vertebral column in mammals.” *Proceedings of the National Academy of Sciences* **111** (5 August): 11401-11406.
- Galis, Frietson, Martin Kunderát, & Johan A. J. Metz.** 2010. “Hox Genes, Digit Identities and the Theropod/Bird Transition.” International Institute for Applied Systems Analysis *Interim Report IR-05-065* (online text at *iiasa.ac.at* accessed 10/30/2010).
- Galis, Frietson, Martin Kunderát, & Barry Sinervo.** 2003. “An old controversy solved: bird embryos have five fingers.” *Trends in Ecology & Evolution* **18** (January): 7-9.
- Galis, Frietson, & Johan A. J. Metz.** 2001. “Testing the Vulnerability of the Phylotypic Stage: On Modularity and Evolutionary Conservation.” *Journal of Experimental Zoology* **291** (15 August): 195-204.
- . 2007. “Evolutionary novelties: the making and breaking of pleiotropic constraints.” *Integrative and Comparative Biology (AKA American Zoologist)* **47** (September): 409-419.
- Galis, Frietson, Jacques J. M. van Alphen, & Johan A. J. Metz.** 2001. “Why five fingers? Evolutionary constraints on digit numbers.” *Trends in Ecology & Evolution* **16** (November): 637-646.
- Galis, Frietson, Tom J. M. Van Dooren, Johan D. Feuth, Johan A. J. Metz, Andrea Witkam, Sebastiaan Ruinard, Marc J. Steigenga, & Liliane C. D. Wijnaendts.** 2006. “Extreme Selection in Humans Against Homeotic Transformations of Cervical Vertebrae.” *Evolution* **60** (December): 2643-2654.
- Galitski, T., & J. R. Roth.** 1995. “Evidence that F plasmid transfer replication underlies apparent adaptive mutation.” *Science* **268** (21 April): 421-423.
- Gall, Jean-Claude, & Léa Grauvogel-Stamm.** 2005. “The early Middle Triassic ‘Grès à Voltzia’ Formation of eastern France: a model of environmental refugium.” *Comptes Rendus Palevol* **4** (September-October): 637-652.
- Gallagher, D. S. Jr., S. K. Davis, M. De Donato, J. D. Burzlaff, J. E. Womack, J. F. Taylor, & A. T. Kumamoto.** 1999. “A Molecular Cytogenetic Analysis of the Tribe Bovini (Artiodactyla: Bovidae: Bovinae) with an Emphasis on Sex Chromosome Morphology and NOR Distribution.” *Chromosome Research* **7** (September): 481-492.
- Gallagher, Helen L., & Christopher D. Frith.** 2003. “Functional imaging of ‘theory of mind’.” *Trends in Cognitive Sciences* **7** (February): 77-83.
- Gallagher, Jonathan.** 2004. “‘I don’t have enough faith.’ A conversation with Dr. Ben Carson.” *Adventist Review* posting (online text at *www.adventistreview.org* accessed 5/20/2012).
- Gallagher, Patrick.** 2017. “Pittsburgh myth, Paris reality.” *Science* **356** (16 June): 1103.
- Gallagher, Richard.** 2005a. “Intelligent Design and Informed Debate.” *The Scientist* (28 February) Discovery Institute *Center for Science & Culture* posting (online text at *discovery.org* accessed 5/26/2014).
- . 2005b. “Curiosity Won’t Kill Science Classes.” *The Scientist* (28 March) Discovery Institute *Center for Science & Culture* posting (online text at *discovery.org* accessed 5/26/2014).
- . 2007. “Junk Worth Keeping: Is it time to retire provocative descriptors such as ‘junk DNA?’” *The Scientist* posting 1 July (online text at *the-scientist.com* accessed 5/27/2014).
- Gallagher, Richard E.** 2008. “Among the Many Counterfeits, a Case of Demonic Possession.” *Signs of the Times* “High Strangeness” posting of 8 March *New Oxford Review* article (online text at *sott.net* accessed 7/4/2016).
- . 2016. “As a psychiatrist, I diagnose mental illness. Also, I help spot demonic possession.”

- The Washington Post* posting 1 July: online text accessed 7/4/2016 (www.washingtonpost.com).
- Gallala, Njoud, Dalila Zaghbib-Turki, Ignacio Arenillas, José Antonio Arz, & Eustoquio Molina.** 2009. “Catastrophic mass extinction and assemblage evolution in planktic foraminifera across the Cretaceous/Paleogene (K/Pg) boundary at Bidart (SW France).” *Marine Micropaleontology* **72** (September): 196-209.
- Gallant, Jason R., Lindsay L. Traeger, Jeremy D. Volkening, Howell Moffett, Po-Hao Chen, Carl D. Novina, George N. Phillips Jr., Rene Anand, Gregg B. Wells, Matthew Pinch, Robert Güth, Graciela A. Unguez, James S. Albert, Harold H. Zakon, Manoj P. Samanta, & Michael R. Sussman.** 2014. “Genomic basis for the convergent evolution of electric organs.” *Science* **344** (27 June): 1522-1525.
- Gallant, Jonathan A., & Dale Lindsley.** 1998. “Ribosomes can slide over and beyond ‘hungry’ codons, resuming protein chain elongation many nucleotides downstream.” *Proceedings of the National Academy of Sciences* **95** (10 November): 13771-13776.
- Gallant, René.** 1964. *Bombarded Earth*. London: John Baker.
- Gallant, Roy A.** 1975. *How Life Began: Creation versus Evolution*. New York: Four Winds Press.
- Gallet, Florian.** 2014. “Star/disk interaction and angular momentum evolution model for solar-like stars.” *EPJ Web of Conferences* **64**: 05007 (online pdf at www.epj-conferences.org accessed 3/28/2015).
- Galling, A. P.** 2009a. “Feedback: Where Are All the Bunny Fossils?” *Answers in Genesis* article for 6 March (online text at www.answersingenesis.org accessed 2/22/2014).
- . 2009b. “Birds Did Not Evolve from Dinosaurs, Say Evolutionists.” *Answers in Genesis* article for 12 June (online text at www.answersingenesis.org accessed 12/12/2011).
- . 2010. “Three: Without a Leg to Stand On.” *Answers in Genesis Answers Magazine* (January-March): 44-45.
- Galling, A. P., Marcus Ross, & Kurt Wise.** 2010. “Five Fossil Mysteries ... That Evolution Can’t Explain.” *Answers in Genesis Answers Magazine* (January-March): 39.
- Galling, A. P., & John UpChurch.** 2009. “Feedback: Why Won’t God Heal Amputees?” *Answers in Genesis* article for 30 January (online text at www.answersingenesis.org accessed 4/8/2012).
- Gallo, Edoardo, & Chang Yan.** 2015. “The effects of reputational and social knowledge on cooperation.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3647-3652.
- Gallos, Lazaros K., Hernán A. Makse, & Mariano Sigman.** 2012. “A small world of weak ties provides optimal global integration of self-similar modules in functional brain networks.” *Proceedings of the National Academy of Sciences* **109** (21 February): 2825-2830.
- Galloway, Sid.** 2011a. “Biological Information New Perspectives Symposium.” *Good Shepherd Initiative* posting (online text at soulcare.org accessed 2/27/2012).
- . 2011b. “Fixed-Pt Debate on the ‘Days of Creation Controversy’.” *Good Shepherd Initiative* posting (online text at soulcare.org accessed 7/20/2014).
- . 2011c. “Why did God command WAR in the OLD TESTAMENT?” *Good Shepherd Initiative* posting (online pdf at soulcare.org accessed 7/30/2012).
- . 2012. “NCS High School Biology: Current Year 2012-2013.” *Good Shepherd Initiative* posting (online text at soulcare.org accessed 7/30/2012).
- Galloway, Susan, & Linda Stephens.** 2008. *Democrat & Chronicle* (Rochester, New York) posting of original complaint (27 February) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at www.roc.democratandchronicle.com accessed 4/13/2014).
- Gal-Mark, Nurit, Schraga Schwartz, & Gil Ast.** 2008. “Alternative splicing of *Alu* exons—two arms are better than one.” *Nucleic Acids Research* **36** (1 April): 2012-2023.
- Galtier, J., & M. Hueben.** 2001. “How early ferns became trees.” *Proceedings of the Royal Society of London B* (Biological Sciences) **268** (22 September): 1955-1957.
- Galtier, Nicolas.** 2011. “The intriguing evolutionary dynamics of plant mitochondrial DNA.” *BMC Biology* (online @ biomedcentral.com) **9** (27 September): 61.

- Galtier, Nicolas, Nicolas Tourasse, & Manolo Gouy.** 1999. "A Nonhyperthermophilic Common Ancestor to Extant Life Forms." *Science* **283** (8 January): 220-221.
- Galuske, Ralf A. W., Wolfgang Schlote, Hansjürgen Bratzke, & Wolf Singer.** 2000. "Interhemispheric Asymmetries of the Modular Structure in Human Temporal Cortex." *Science* **289** (15 September): 1946-1949.
- Galvani, Alison P., & Montgomery Slatkin.** 2003. "Evaluating plague and smallpox as historical selective pressures for the *CCR5-Δ32* HIV-resistance allele." *Proceedings of the National Academy of Sciences* **100** (9 December): 15276-15279.
- Gal-Yam, A., & D. C. Leonard.** 2009. "A massive hypergiant star as the progenitor of the supernova SN 2005gl." *Nature* **458** (16 April): 856-867.
- Gambaryan, Petr P., & Alexander O. Averianov.** 2001. "Femur of a morganucodontid mammal from the Middle Jurassic of Central Russia." *Acta Palaeontologica Polonica* **46** (1): 99-112.
- Gambetta, Maria Cristina, Katarzyna Oktaba, & Jürg Müller.** 2009. "Essential Role of the Glycosyltransferase Sxc/Ogt in Polycomb Repression." *Science* **325** (3 July): 93-96.
- Gambin, Yann, Alexander Schug, Edward A. Lemke, Jason J. Lavinder, Allan Chris M. Ferreon, Thomas J. Magliery, José N. Onuchic, & Ashok A. Deniz.** 2009. "Direct single-molecule observation of a protein living in two opposed native structures." *Proceedings of the National Academy of Sciences* **106** (23 June): 10153-10158.
- Gambino, Megan.** 2012. "Prehistoric Horses: Ashfall Fossil Beds Historical Park, Nebraska." *Smithsonian* (January): 48-49.
- Gamble, Dave.** 2012. "Claims of Peer Review for Intelligent Design examined ... and debunked." *Skeptical Science* 7 October posting (online text at www.skeptical-science.com accessed 7/8/2015).
- Gamble, Douglas W., & Pascal Kindler,** eds. 2012. *Proceedings of the 15th Symposium on the Geology of the Bahamas and Other Carbonate Regions*. San Salvador, Bahamas: Gerace Research Center.
- Gamble, John A., Rob H. K. Christie, Ian C. Wright, & Richard J. Wysoczanski.** 1997. "Primitive K-rich magmas from Clark Volcano, Southern Kermadec Arc: A paradox in the K-depth relationship." *The Canadian Minerologist* **35** (April): 275-290.
- Gamble, J. A., & I. C. Wright.** 1995. "The Southern Havre Trough Geological Structure and Magma Petrogenesis of an Active Backarc Rift Complex," in Taylor (1995, 29-62).
- Gamble, T., A. M. Bauer, G. R. Colli, E. Greenbaum, T. R. Jackman, L. J. Vitt, & A. M. Simons.** 2011. "Coming to America: multiple origins of New World geckos." *Journal of Evolutionary Biology* **12** (February): 231-234.
- Gamble, Tony, Eli Greenbaum, Todd R. Jackman, Anothy P. Russell, & Aaron M. Bauer.** 2012. "Repeated Origin and Loss of Adhesive Toepads in Geckos." *PLoS ONE* (online @ plosone.org) **7** (June): e39429.
- Gamboa, Luiz Antonio Pierantoni, & Philip D. Rabinowitz.** 1984. "The evolution of the Rio Grande Rise in the southwest Atlantic Ocean." *Marine Geology* **58** (June): 35-58.
- Gamer, Matthias, Bartosz Zurowski, & Christian Büchel.** 2010. "Different amygdala subregions mediate valence-related and attentional effects of oxytocin in humans." *Proceedings of the National Academy of Sciences* **107** (18 May): 9400-9405.
- Gamerding, Martin, Marie Anne Hanebuth, Tancred Frickey, & Elke Deuerling.** 2015. "The principle of antagonism ensures protein targeting specificity at the endoplasmic reticulum." *Science* **348** (10 April): 201-207.
- Gamerian, Ellen.** 2008. "What Makes Finnish Kids So Smart?" *The Wall Street Journal* posting 29 February: online text accessed 3/24/2008 (online.wsj.com).
- Gamliel, Eyal, & Eyal Peer.** 2010. "Attribute framing affects the perceived fairness of health care allocation principles." *Judgment and Decision Making* **5** (February): 11-20.
- Gamlin, Linda, & Gail Vines,** eds. 1986. *The Evolution of Life*. 1991 pb ed. New York: Oxford University Press.
- Gan, Fei, Gaozhong Shen, & Donald A. Bryant.** 2015. "Occurrence of Far-Red Light Photoacclimation (FaRLiP) in Diverse Cyanobacteria." *Life* (Basel) **5** (1): 4-24.

- Gan, Xiangchao, Oliver Stegle, Jonas Behr, Joshua G. Steffen, Philipp Drewe, Katie L. Hildebrand, Rune Lyngsoe, Sebastian J. Schultheiss, Edward J. Osborne, Vipin T. Sreedharan, André Kahles, Regina Bohnert, Géraldine Jean, Paul Derwent, Paul Kersey, Eric J. Belfield, Nicholas P. Harberd, Eric Kemen, Christopher Toomajian, Paula X. Kover, Richard M. Clark, Gunnar Rättsch, & Richard Mott.** 2011. "Multiple reference genomes and transcriptomes for *Arabidopsis thaliana*." *Nature* **477** (22 September): 419-423.
- Gandy, Ellis.** 2013. "SANDS OF TIME: THE MYTH OF A FLOOD MYTH?" *Frontiers*nova* 30 July posting (online text at *frontiersnova.com* accessed 2/23/2014).
- Ganeva, Tana.** 2015. "Oops! Read a Christian doomsday cult's excuse for why the world didn't end as they predicted." *The Raw Story* 17 October posting (online text at *www.rawstory.com* accessed 10/5/2015).
- Gangestad, Steven W.** 2011. "Understanding self-deception demands a co-evolutionary framework." *Behavioral and Brain Sciences* **34** (1): 23-24.
- Gangestad, Steven W., Randy Thornhill, & Christine E. Garver.** 2002. "Changes in women's sexual interests and their partners' mate-retention tactics across the menstrual cycle: evidence for shiting conflicts of interest." *Proceedings of the Royal Society of London B* (Biological Sciences) **269** (7 May): 975-982.
- Gangestad, Steven W., & Ronald A. Yeo.** 2006. "Mutations, developmental instability, and the Red Queen." *Behavioral and Brain Sciences* **29** (August): 412-413.
- Gangloff, Roland A., & Anthony R. Fiorillo.** 2010. "Taphonomy and Paleoecology of a Bonebed from the Prince Creek Formation, North Slope, Alaska." *Palaio* **25** (May): 299-317.
- Gangui, Alejandro.** 2003. "A Preposterous Universe." *Science* **299** (28 February): 1333-1334.
- Ganguli, Ishani.** 2005. "Darwin on trial—and in a museum." *The Scientist* posting 5 December (online text at *the-scientist.com* accessed 12/8/2005).
- Ganguly, Auroop R., Karsten Steinhaeuser, David J. Erickson III, Marcia Branstetter, Esther S. Parish, Nagendra Singh, John B. Drake, & Lawrence Buja.** 2009. "Higher trends but larger uncertainty and geographic variability in 21st century temperature and heat waves." *Proceedings of the National Academy of Sciences* **106** (15 September): 15555-15559.
- Gannon, Patrick J., Ralph L. Holloway, Douglas C. Broadfield, & Allen R. Braun.** 1998. "Asymmetry of Chimpanzee Planum Temporale: Humanlike Patterns of Wernicke's Brain Language Area Homolog." *Science* **279** (9 January): 220-222.
- Gannon, Abdelmouhcine, Maud Boyet, Hanika Rizo, & Ahmed El Goresy.** 2011. "¹⁴⁶Sm-¹⁴²Nd systematics measured in enstatite chondrites reveals a heterogeneous distribution of ¹⁴²Nd in the solar nebula." *Proceedings of the National Academy of Sciences* **108** (10 May): 7693-7697.
- Ganopolski, A., R. Winkelmann, & H. J. Schellnhuber.** 2016. "Critical insolation—CO₂ relation for diagnosing past and future glacial inception." *Nature* **529** (14 January): 200-203.
- Gans, Carl, & Ernest Glen Wever.** 1972. "The Ear and Hearing in Amphisbaenia (Reptilia)." *Journal of Experimental Zoology* **179** (January): 17-34.
- Ganss, C., W. Hochban, A. M. Kielbassa, & H. E. Umstadt.** 1993. "Prognosis of third molar eruption." *Oral Surgery, Oral Medicine, Oral Pathology* **76** (December): 688-693.
- Gant, Andrew.** 2009. "Heads of Rocky Bayou Christian arrested in abuse case." *Northwest Florida Daily News* posting 24 July: online text accessed 12/30/2010 (*www.nwfdailynews.com*).
- Ganzach, Yoav, & Chemi Gotlibovski.** 2013. "Intelligence and religiosity: Within families and over time." *Intelligence* **41** (September-October): 546-552.
- GAO.** 2014. "Health Insurance Exchanges: Coverage of Non-excepted Abortion Services by Qualified Health Plans." U.S. Government Accountability Office 15 September report posted by *Politico* (online pdf at *mobile.politico.com* accessed 9/16/2014).
- Gao, Chunling, Luis M. Chiappe, Qijing Meng, Jingmai K. O'Connor, Xuri Wang, Qijing**

- Meng, & Jinyuan Liu.** 2008. “A New Basal Lineage of Early Cretaceous Birds from China and Its Implications on the Evolution of the Avian Tail.” *Palaeontology* **51** (July): 775-791.
- Gao, Chunling, Eric M. Morschhauser, David J. Varricchio, Jinyuan Liu, & Bo Zhao.** 2012. “A Second Soundly Sleeping Dragon: New Anatomical Details of the Chinese Troodontid *Mei long* with Implications for Phylogeny and Taphonomy.” *PLoS ONE* (online @ plosone.org) **7** (September): e45203.
- Gao, Chun-Ling, Gregory P. Wilson, Zhe-Xi Luo, A. Murat Maga, Qingjin Meng, & Xuri Wang.** 2010. “A new mammal skull from the Lower Cretaceous of China with implications for the evolution of obtuse-angled molars and ‘amphilestid’ eutriconodonts.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 January): 237-246.
- Gao, Feng, & Eric H. Davidson.** 2008. “Transfer of a large gene regulatory apparatus to a new developmental address in echinoid evolution.” *Proceedings of the National Academy of Sciences* **105** (22 April): 6091-6096.
- Gao, Hongbo, Deena Kadirjan-Kalbach, John E. Froelich, & Katherine W. Osteryoung.** 2003. “ARC5, a cytosolic dynamin-like protein from plants, is part of the chloroplast division machinery.” *Proceedings of the National Academy of Sciences* **100** (1 April): 4328-4333.
- Gao, Jun, Wen-Yuan Wang, Ying-Wei Mao, Johannes Gräff, Ji-Song Guan, Ling Pan, Gloria Mak, Dohoon Kim, Susan C. Su, & Li-Huei Tsai.** 2010. “A novel pathway regulates memory and plasticity via SIRT1 and miR-134.” *Nature* **466** (26 August): 1105-1109.
- Gao, Ke-qin, & Neil H. Shubin.** 2003. “Earliest known crown-group salamanders.” *Nature* **422** (27 March): 424-428.
- . 2012. “Late Jurassic salamandroid from western Liaoning, China.” *Proceedings of the National Academy of Sciences* **109** (10 April): 5767-5772.
- Gao, Kui, & Leslie E. Orgel.** 1999. “Nucleic acid duplexes incorporating a dissociable covalent base pair.” *Proceedings of the National Academy of Sciences* **96** (21 December): 14837-14842.
- Gao, Rong, & Ann M. Stock.** 2013. “Evolutionary Tuning of Protein Expression Levels of a Positively Autoregulated Two-Component System.” *PLoS Genetics* (online @ plosgenetics.org) **9** (October): e1003927.
- Gao, Shan, Benjamin Becker, Lizhu Luo, Yayuan Geng, Weihua Zhao, Yu Yin, Jiehui Hu, Zhao Gao, Qiyong Gong, Rene Hurlmann, Dezhong Yao, & Keith M. Kendrick.** 2016. “Oxytocin, the peptide that bonds the sexes also divides them.” *Proceedings of the National Academy of Sciences* **113** (5 July): 7650-7654.
- Gao, Tian-Gang, Wei Wang, Randall Bayer J., & De-Zhu Li.** 2009. “Systematic position of the enigmatic genus *Sheareria* (Asteraceae)—evidence from molecular, morphological and cytological data.” *International Association of Plant Taxonomy* **58** (August): 769-780.
- Gao, Wei-Bo, Alexander M. Goebel, Chang-Yang Lu, Han-Ning Dai, Claudia Wagenknecht, Qiang Zhang, Bo Zhao, Cheng-Zhi Peng, Zeng-Bing Chen, Yu-Ao Chen, & Jian-Wei Pan.** 2010. “Teleportation-based realization of an optical quantum two-qubit entangling gate.” *Proceedings of the National Academy of Sciences* **107** (7 December): 20869-20874.
- Gao, Xiang, & Michael Lynch.** 2009. “Ubiquitous internal gene duplication and intron creation in eukaryotes.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20818-20823.
- Gao, Yi Qin, Wei Yang, Rudolph A. Marcus, & Martin Karplus.** 2003. “A model for the cooperative free energy transduction and kinetics of ATP hydrolysis by F₁-ATPase.” *Proceedings of the National Academy of Sciences* **100** (30 September): 11339-11344.
- Gao, Yu, Andrea L. Glenn, Robert A. Schug, Yaling Yang, & Adrian Raine.** 2009. “The neurobiology of psychopathy: A neurodevelopmental perspective.” *Canadian Journal of Psychiatry* **54** (December): 813-823.
- Gao, Yuan, Erhu Cao, David Julius, & Yifan Cheng.** 2016. “TRPV1 structures in nanodiscs

- reveal mechanisms of ligand and lipid action.” *Nature* **534** (16 June): 347-351.
- Gao, Yue.** 2009. “A study of fairness judgments in China, Switzerland and Canada: Do culture, being a student, and gender matter?” *Judgment and Decision Making* **4** (April): 214-226.
- Gapp, Katharina, Ali Jawaid, Peter Sarkies, Johannes Bohacek, Pawel Pelczar, Julien Prados, Laurent Farinelli, Eric Miska, & Isabelle M. Mansny.** 2014. “Implication of sperm RNAs in transgenerational inheritance of the effects of early trauma in mice.” *Nature Neuroscience* **17** (May): 667-669.
- Gapp, Katharina, Lukas von Ziegler, Ry Yves Tweedie-Cullen, & Isabelle M. Mansny.** 2014. “Early life epigenetic programming and transmission of stress-induced traits in mammals.” *BioEssays* **36** (May): 491-502.
- Gappa, Zachary.** 2014. “Income Inequality: A Third Option.” Center for a Just Society *Ideas in Action* 28 January posting (online text at www.centerforajustsociety.org accessed 3/22/2014).
- Gapud, Eric J., Yair Dorsett, Bu Yin, Elsa Callen, Andrea Bredemeyee, Grace K. Mahowald, Kazuo Q. Omi, Laura W. Walker, Jeffrey J. Bednarski, Peter J. McKinnon, Craig H. Bassing, Andre Nussenzweig, & Barry P. Sleckman.** 2011. “Ataxia telangiectasia mutated (Atm) and DNA-PKcs kinases have overlapping activities during chromosomal signal joint formation.” *Proceedings of the National Academy of Sciences* **108** (1 February): 2022-2027.
- Garavis, Miguel, Carlos González, & Alfredo Villasante.** 2013. “On the Origin of the Eukaryotic Chromosome: The Role of Noncanonical DNA Structures in Telomere Evolution.” *Genome Biology and Evolution* **5** (June): 1142-1150.
- Garay, A. S., & J. A. Ahigren-Beckendorf.** 1990. “Differential interaction of chiral β -particles with enantiomers.” *Nature* **346** (2 August): 451-453.
- Garb, Jessica E., Teresa DiMauro, Victoria Vo, & Cheryl Y. Hayashi.** 2006. “Silk Genes Support the Single Origin of Orb Webs.” *Science* **312** (23 June): 1762.
- Garb, Jessica E., & Cheryl Y. Hayashi.** 2005. “Modular evolution of egg case silk genes across orb-weaving spider superfamilies.” *Proceedings of the National Academy of Sciences* **102** (9 August): 11379-11384.
- Garber, Joshua.** 2012. “Chapter 1: Precambrian Rocks of the Grand Canyon.” University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture* Research Paper Topics article (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Garber, Ken.** 2012. “All Eyes on RNA.” *Science* **338** (7 December): 1282-1283.
- Garber, Paul Alan, Alejandro Estrada, Júlio César Bicca-Marques, Eckhard W. Heymann, & Karen B. Strier,** eds. 2009. *South American Primates: Comparative Perspectives in the Study of Behavior, Ecology, and Conservation*. New York: Springer.
- Garbiec, Arnold, & Janusz Kubrakiewicz.** 2012. “Differentiation of follicular cells in polytrophic ovaries of Neuroptera (Insecta: Holometabola).” *Arthropod Structure & Development* **41** (March): 165-176.
- Garcia, Amanda K., J. William Schopf, Shin-ichi Yokobori, Satoshi Akanuma, & Akihiko Yamagishi.** 2017. “Reconstructed ancestral enzymes suggest long-term cooling of Earth’s photic zone since the Archaean.” *Proceedings of the National Academy of Sciences* **114** (2 May): 4619-4624.
- Garcia, Arturo.** 2013. “Richard Dawkins: Obama is a secret atheist.” *The Raw Story* 25 October posting (online text at www.rawstory.com accessed 10/28/2013).
- . 2014. “Alabama ‘anti-cloning’ lawmaker now pushing gun tax ‘holiday’ bill.” *The Raw Story* 3 March posting (online text at www.rawstory.com accessed 5/8/2015).
- . 2015a. “D’octor’s orders: Court psychologist finds conservative clown Dinesh d’Souza ‘arrogant and intolerant’.” *The Raw Story* 13 July posting (online text at www.rawstory.com accessed 7/14/2015).
- . 2015b. “‘What’s wrong with slavery?’: Iowa radio host wants to turn immigrants into US ‘property’.” *The Raw Story* 19 August posting (online text at www.rawstory.com accessed 8/24/2015).
- . 2015c. “Forget his 9/11 truther tirades—Here are 7 of Alex Jones’ most unhinged

- conspiracy theories.” *The Raw Story* 11 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015d. “Irving police chief admits: Cops knew Ahmed Mohamed didn’t have a bomb when they arrested him.” *The Raw Story* 18 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015e. “Bristol Palin attacks Richard Dawkins for his non-existent ‘defense’ of 9/11 hijackers.” *The Raw Story* 23 October posting (online text at www.rawstory.com accessed 10/24/2015).
- García, José J., & Roderick A. Capaldi.** 1998. “Unisite Catalysis without Rotation of the γ - ϵ Domain in *Escherichia coli* F₁-ATPase.” *The Journal of Biological Chemistry* **273** (26 June): 15940-15945.
- García, Geraldine, Laurent Marivaux, Thierry Pélissié, & Monique Vianey-Liaud.** 2006. “Earliest Laurasian sauropod eggshells.” *Acta Palaeontologica Polonica* **51** (1): 99-104.
- García, Rolando R.** 2010. “Solar surprise?” *Nature* **467** (7 October): 668-669.
- . 2011. “An Arctic ozone hole?” *Nature* **478** (27 October): 462-463.
- García-Bellido, Diego C., Michael S. Y. Lee, Gregory D. Edgecombe, James B. Jago, James G. Gehling, & John R. Paterson.** 2014. “A new vetulicolian from Australia and its bearing on the chordate affinities of an enigmatic Cambrian group.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **14** (21 October): 214.
- García-Bellido, Diego C., Jean Vannier, Desmond Collins, Fabian, & Tomasz Baumiller.** 2009. “Soft-part preservation in two species of the arthropod *Isoxys* from the middle Cambrian Burgess Shale of British Columbia, Canada.” *Acta Palaeontologica Polonica* **54** (4): 699-712.
- García-Castellanos, D., & A. Villaseñor.** 2011. “Messinian salinity crisis regulated by competing tectonics and erosion at the Gibraltar arc.” *Nature* **480** (15 December): 359-363.
- García-Falgueras, Alicia, & Dick F. Swaab.** 2008. “A sex difference in the hypothalamic uncinate nucleus: relationship to gender identity.” *Brain* **131** (December): 3132-3146.
- García-Fernández, Jordi.** 2005a. “Hox, ParaHox, ProtoHox: facts and guesses.” *Heredity* **94** (February): 145-152.
- . 2005b. “The genesis and evolution of Homeobox gene clusters.” *Nature Reviews Genetics* **6** (December): 881-892.
- García-Fernández, Jordi, Salvatore D’Aniello, & Hector Escrivà.** 2007. “Organizing chordates with an organizer.” *BioEssays* **29** (June): 619-624.
- García-Fernández, Jordi, & Peter W. H. Holland.** 1994. “Archetypal organization of the amphioxus *Hox* gene cluster.” *Nature* **370** (18 August): 563-566.
- García-Fernández, Jordi, Senda Jiménez-Delgado, Juan Pascual-Anaya, Ignacio Maeso, Manuel Irimia, Carolina Minguillón, Èlia Benito-Gutiérrez, Josep Gardenyes, Stéphanie Bertrand, & Salvatore D’Aniello.** 2009. “From the American to the European amphioxus: towards experimental Evo-Devo at the origin of chordates.” *International Journal of Developmental Biology* **53** (8/9/10): 1359-1366.
- García-Garibay, Miguel A.** 2007. “Molecular Crystals on the Move: From Single-Crystal-to-Single-Crystal Photoreactions to Molecular Machinery.” *Angewandte Chemie International Edition* **46** (3 December): 8945-8947.
- García-Martínez, José, José Aurelio Castro, Misericordia Ramón, Amparo Latorre, & Andrés Moya.** 1998. “Mitochondrial DNA Haplotype Frequencies in Natural and Experimental Populations of *Drosophila subobscura*.” *Genetics* **149** (July): 1377-1382.
- García-Moreno, Fernando, & Zoltán Molnár.** 2015. “Subset of early radial glial progenitors that contribute to the development of callosal neurons is absent from avian brain.” *Proceedings of the National Academy of Sciences* **112** (8 September): E5058-E5067.
- García-Moreno, J., & J. Fjeldsá.** 2000. “Chronology and mode of speciation in the Andean avifauna,” in Rheinwald (2000, 25-45).
- García-Moreno, Jaime, Michael D. Sorenson, & David P. Mindell.** 2003. “Congruent Avian Phylogenies Inferred from Mitochondrial and Nuclear DNA Sequences.” *Journal of Molecular Evolution* **57** (July): 27-37.

- García-Muñoz, Teresa.** 2010. “Incentives in religious performance: a stochastic dominance approach.” *Judgment and Decision Making* **5** (April): 176-181.
- García-Navas, Vicente, Esperanza S. Ferrer, Javier Bueno-Enciso, Rafael Barrientos, Juan José Sanz, & Joaquín Ortega.** 2014. “Extrapair paternity in Mediterranean blue tits: socioecological factors and the opportunity for sexual selection.” *Behavioral Ecology* **25** (January-February): 228-238.
- García-Ruiz, J. M., S. T. Hyde, A. M. Carnerup, A. G. Christy, M. J. Van Kranendonk, & N. J. Welham.** 2003. “Self-Assembled Silica-Carbonate Structures and Detection of Ancient Microfossils.” *Science* **302** (14 November): 1194-1197.
- García-Ruiz, Juan Manuel, Emilio Melero-García, & Stephen T. Hyde.** 2009. “Morphogenesis of Self-Assembled Nanocrystalline Materials of Barium Carbonate and Silica.” *Science* **323** (16 January): 362-365.
- García-Ruiz, Juan Manuel, Roberto Villasuso, Carlos Ayora, Angels Canals, & Fermin Otálora.** 2007. “Formation of natural gypsum megacrystals in Naica, Mexico.” *Geology* **35** (April): 327-330.
- Garde, Shekhar, & Amish J. Patel.** 2011. “Unraveling the hydrophobic effect, one molecule at a time.” *Proceedings of the National Academy of Sciences* **108** (4 October): 16491-16492.
- Gardel, A., C. Proisy, S. Lesourd, S. Philippe, J. Caillaud, S. Gontharet, E. J. Anthony, & L. Brutier.** 2009. “A Better Understanding of Mud Cracking Processes Gained From in Situ Measurements on an Intertidal Mudflat in French Guiana.” *Journal of Coastal Research* Special Issue 56: 424-428.
- Gardiner, Bo.** 2015. “How Christians Think They Can Convert Atheists... According to WikiHow.” *Friendly Atheist* posting 13 April (online text at www.patheos.com accessed 5/5/2015).
- Gardner, A., S. A. West, & G. Wild.** 2011. “The genetical theory of kin selection.” *Journal of Evolutionary Biology* **24** (May): 1020-1043.
- Gardner, Alex S., Geir Moholdt, J. Graham Cogley, Bert Wouters, Anthony A. Arendt, John Wahr, Etienne Berthier, Regine Hock, W. Tad Pfeffer, Georg Kaser, Stefan R. M. Ligtenberg, Tobias Bolch, Martin J. Sharp, Jon Ove Hagen, Michiel R. van den Broeke, & Frank Paul.** 2013. “A Reconciled Estimate of Glacier Contributions to Sea Level Rise: 2003 to 2009.” *Science* **340** (17 May): 852-857.
- Gardner, Andy.** 2008. “The Price equation.” *Current Biology* **18** (11 March): R198-R202.
- . 2009. “Adaptation as organism design.” *Royal Society Biology Letters* **5** (December): 861-864.
- . 2015. “Group selection versus group adaptation.” *Nature* **524** (27 August): E3-E4.
- Gardner, Ann Marie.** 2011. “Dispatch from Outer Mongolia: Hunting the ‘Parrot Lizard’.” *Discover Magazine Presents Evolution* (Summer Special Issue): 44-49.
- Gardner, David K., Michelle Lane, & Andrew J. Watson,** eds. 2004. *A Laboratory Guide to the Mammalian Embryo*. Oxford, UK: Oxford University Press.
- Gardner, Day.** 2013. “Peroutka Awarded Papal Blessing: Lifetime of Service Recognized.” *Daily Life News* 23 October posting (online text at www.nationalproliferadio.net accessed 10/23/2013).
- Gardner, Erle Stanley.** 1969a. *Man With the Big Hat*. New York: William Morrow.
- . 1969b. “Acambaro Mystery.” *Desert Magazine* **32** (October): 18-21, 36-37.
- Gardner, Esther P.** 2017. “Neural pathways for cognitive command and control of hand movements.” *Proceedings of the National Academy of Sciences* **114** (18 April): 4048-4050.
- Gardner, James D., & Madelaine Böhme.** 2008. “Review of the Albanerpetontidae (Lissamphibia), with Comments on the Paleocological Preferences of European Tertiary Albanerpetontids,” in Sankey & Baszio (2008, 178-218).
- Gardner, Jonathan.** 2012a. “Why I Believe in Creationism.” *Federal Way Conservative* 13 February posting (online text at fwcon.wordpress.com accessed 3/10/2012).
- . 2012b. “Slaves, Submit to Your Masters.” *Federal Way Conservative* 7 March posting (online text at fwcon.wordpress.com accessed 3/10/2012).
- Gardner, Kevin H., & Fernando Correa.** 2012. “How Plants See the Invisible.” *Science* **335**

- (23 March): 1451-1452.
- Gardner, Martin.** 1957. *Fads & Fallacies In the Name of Science*. Rev. ed. New York: Dover Publications.
- . 1996. “Isaac Newton: Alchemist and Fundamentalist.” *Skeptical Inquirer* **20** (September/October): 13-16.
- . 1997. “Intelligent Design and Phillip Johnson.” *Skeptical Inquirer* **21** (November/December): 17-20.
- . 1998a. “Is Cannibalism a Myth?” *Skeptical Inquirer* **22** (January/February): 14-16.
- . 1998b. “Zero-Point Energy and Harold Puthoff.” *Skeptical Inquirer* **22** (May/June): 13-15, 60.
- . 1998c. “Responding to Puthoff: Zero-Point Energy.” *Skeptical Inquirer* **22** (September/October): 61-62.
- . 1999a. “Carlos Castaneda and New Age Anthropology.” *Skeptical Inquirer* **23** (September/October): 13-15.
- . 1999b. “The Star of Bethlehem.” *Skeptical Inquirer* **23** (November/December): 13-15.
- . 2000a. “The Second Coming of Jesus.” *Skeptical Inquirer* **24** (January/February): 9, 12-14.
- . 2000b. *Did Adam and Eve Have Navels? Discourses on Reflexology, Numerology, Urine Therapy, and Other Dubious Subjects*. New York: W. W. Norton & Co.
- . 2000c. *From the Wandering Jew to William F. Buckley, Jr.: On Science, Literature, and Religion*. Amherst, NY: Prometheus Books.
- . 2001a. “Distant Healing and Elisabeth Targ.” *Skeptical Inquirer* **25** (March/April): 12-14.
- . 2001b. “A Skeptical Look at Karl Popper.” *Skeptical Inquirer* **25** (July/August): 13-14, 72.
- . 2001c. “Multiverses and Blackberries.” *Skeptical Inquirer* **25** (September/October): 14-16.
- . 2002. “Many Worlds? A Response to Bryce DeWitt’s ‘Comments...’” *Skeptical Inquirer* **26** (May/June): 61.
- . 2003. *Are Universes Thicker Than Blackberries? Discourses on Gödel, Magic Hexagrams, Little Red Riding Hood, and Other Mathematical and Pseudoscience Topics*. New York: W. W. Norton & Co.
- Gardner, Paul P., Barbara R. Holland, Vincent Moulton, Mike Hendry, & David Penny.** 2003. “Optimal alphabets for an RNA world.” *Proceedings of the Royal Society of London B* (Biological Sciences) **270** (7 June): 1177-1182.
- Gardner, R. Allen.** 2008. “Comparative intelligence and intelligent comparisons.” *Behavioral and Brain Sciences* **31** (April): 135-136.
- Gardner, Richard J., & May-Britt Moser.** 2017. “Multiple mechanisms for memory replay?” *Science* **355** (13 January): 131-132.
- Gardom, Tim, & Angela Milner.** 2007. *The Natural History Museum Book of Dinosaurs*. Rev. ed. of 1993 work. London: Carlton.
- Garfield, David A., & Gregory A. Wray.** 2009. “Comparative embryology without a microscope: using genomic approaches to understand the evolution of development.” *Journal of Biology* (online @ jbiol.com) **8** (21 July): 65.
- Garg, Kavita, & Phil Green.** 2007. “Differing patterns of selection in alternative and constitutive splice sites.” *Genome Research* **17** (July): 1015-1022.
- Gargas, Andrea, Paula T. DePriest, Martin Grube, & Anders Tehler.** 1995. “Multiple Origins of Lichen Symbioses in Fungi Suggested by SSU rDNA Phylogeny.” *Science* **268** (9 June): 1492-1495.
- Gargaud, Muriel, Bernard Barbier, Hervé Martin, & Jacques Reisse,** eds. 2005. *Lectures in Astrobiology Vol 1*. New York: Springer.
- Garland, Ellen C., Luke Rendell, Luca Lamoni, M. Michael Poole, & Michael J. Noad.** 2017. “Song hybridization events during revolutionary song change provide insights into cultural transmission in humpback whales.” *Proceedings of the National Academy of Sciences* **114**

- (25 July): 7822-7829.
- Garland, Theodore Jr.** 2014. "Trade-offs." *Current Biology* **24** (20 January): R60-R61.
- Garland, Theodore Jr., & Michael R. Rose**, eds. 2009. *Experimental Evolution: Concepts, Methods, and Applications of Selected Experiments*. Berkeley, CA: University of California Press.
- Garlock, Donald A.** 1982. "Fundamentalism & the Fine Arts." *Fundamentalist Journal* **1** (December): 36-37.
- Garner, Aleena R., David C. Rowland, Sang Youl Hwang, Karsten Baumgaertel, Bryan L. Roth, Cliff Kentros, & Mark Mayford.** 2012. "Generation of a Synthetic Memory Trace." *Science* **335** (23 March): 1513-1516.
- Garner, Charles.** 2008. "It's not religion; it's sound, skeptical science." *Waco Tribune* reprinted 24 November at *Uncommon Descent* (online text at www.uncommondescent.org accessed 12/28/2010).
- Garner, Joseph P., Graham K. Taylor, & Adrian L. R. Thomas.** 1999. "On the origins of birds: the sequence of character acquisition in the evolution of avian flight." *Proceedings of the Royal Society of London B* (Biological Sciences) **266** (22 June): 1259-1266.
- Garner, Paul.** 1996a. "Where is the Flood/post Flood boundary? Implications of dinosaur nests in the Mesozoic." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **10** (1): 101-106.
- . 1996b. "Continental Flood Basalts Indicate a pre-Mesozoic Flood/post-Flood Boundary." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **10** (1): 114-127.
- . 1998. "A creationist view of phylogenetic change in the equid family." *Biblical Creation Society (UK) Origins* **25** (October) 2002 posting last modified 29 September 2004 (online text at www.biblicalcreation.org.uk accessed 5/16/2011).
- . 2003. "The fossil record of 'early' tetrapods: evidence of a major evolutionary transition?" *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **17** (2): 111-117.
- . 2005. "Horse Evolution." *Truth in Science* posting (online text at www.truthinscience.org.uk accessed 12/18/2011).
- . 2008. "Time for an Upgrade?" *Answers in Genesis Answers Magazine* (October-December): 46-49.
- . 2009a. "Do Species Change?" *Answers in Genesis Answers Magazine* (January-March): 36-39.
- . 2009b. "After the Flood." *The New Creationism* posting 21 May (online text at thenewcreationism.wordpress.com accessed 7/31/2011).
- . 2009c. "Tim Heaton on creationist model building." *The New Creationism* posting 3 November (online text at thenewcreationism.wordpress.com accessed 9/10/2013).
- . 2010a. "Hitching a ride to Madagascar." *The New Creationism* posting 21 January (online text at thenewcreationism.wordpress.com accessed 7/26/2011).
- . 2010b. "The top five challenges for creationist geology." *The New Creationism* posting 25 October (online text at thenewcreationism.wordpress.com accessed 1/1/2011).
- . 2011. "Phil Senter strikes again." *The New Creationism* posting 5 March (online text at thenewcreationism.wordpress.com accessed 3/5/2013).
- Garnham, Christopher P., Ian Yu, Yan Li, & Antonina Roll-Mecak.** 2017. "Crystal structure of tubulin tyrosine ligase-like 3 reveals essential architectural elements unique to tubulin monoglycyclases." *Proceedings of the National Academy of Sciences* **114** (20 June): 6545-6550.
- Garrahan, Juan P.** 2011. "Dynamic heterogeneity comes to life." *Proceedings of the National Academy of Sciences* **108** (22 March): 4701-4702.
- Garratt, Michael, Jean-Michel Gaillard, Robert C. Brooks, & Jean-François Lemaître.** 2013. "Diversification of the eutherian placenta is associated with changes in the pace of life." *Proceedings of the National Academy of Sciences* **110** (7 May): 7760-7765.
- Garrett, Maggie, Elise Helgesen Aguilar, & Peter Zupan.** 2014. "CLEAR AND PRESENT

- FALSEHOODS: The Real State of Religious Freedom in the Military.” Americans United for the Separation of Church and State 9 December article posting (online pdf accessed at www.au.org accessed 1/7/2015).
- Garrett, Robert T.** 2013a. “GOP lieutenant governor hopefuls back creationism.” Dallas Morning News *Dallas News* posting updated 13 December: online text accessed 2/4/2014 (www.dallasnews.com).
- . 2013b. “Patterson favors teaching creationism, but not in science class.” Dallas Morning News *Dallas News* posting updated 13 December: online text accessed 2/4/2014 (www.dallasnews.com).
- Garrett, Taylor.** 2012. “Gay Republicans: A Defense.” Huffington Post *The Blog* posting 20 January (online text at huffingtonpost.com accessed 9/4/2013).
- Garrett, Wilbur E.** 1988. “Where Did We Come From?” *National Geographic* **174** (October): 434-437.
- Garrick-Bethell, Ian.** 2016. “Signs of a wandering Moon.” *Nature* **531** (24 March): 455-456.
- Garrick-Bethell, Ian, Francis Nimmo, & Mark A. Wieczorek.** 2010. “Structure and Formation of the Lunar Farside Highlands.” *Science* **330** (12 November): 949-951.
- Garrigan, Daniel, Zahra Mobasher, Tesa Severson, Jason A. Wilder, & Michael F. Hammer.** 2005. “Evidence for Archaic Asian Ancestry on the Human X Chromosome.” *Molecular Biology and Evolution* **22** (February): 189-192.
- Garrison, Becky.** 2007. *The New Atheist Crusaders and Their Unholy Grail: Their Misguided Quest to Destroy Your Faith*. Nashville, TN: Thomas Nelson.
- . 2013a. “No Room for Non-Theists at Boston Interfaith Service.” *Religion Dispatches* 19 April (online text at religiondispatches.org accessed 4/27/2013).
- . 2013b. “OK Woman Politely Declines to Thank the Lord; Atheists Unite.” *Religion Dispatches* 30 May (online text at religiondispatches.org accessed 6/4/2013).
- . 2013c. “Atheist Asked By Wolf Blitzer If She Thanked the Lord After OK Tornado Honored.” *Religion Dispatches* 5 September (online text at religiondispatches.org accessed 10/1/2013).
- . 2013d. “From Pastor to Harvard’s ‘Godless Church’ Planter.” *Religion Dispatches* 20 September (online text at religiondispatches.org accessed 10/1/2013).
- . 2013e. “UK Atheist Church Invasion.” *Religion Dispatches* 23 October (online text at religiondispatches.org accessed 10/31/2013).
- . 2013f. “SCOTUS Tackles Government Prayer in *Greece v. Galloway*.” *Religion Dispatches* 13 November (online text at religiondispatches.org accessed 11/19/2013).
- . 2013g. “Will Christian Publishers Stand Behind Mars Hill’s Sketchy Legacy?” *Religion Dispatches* 29 December (online text at religiondispatches.org accessed 1/20/2014).
- . 2014. “Holy Hipster Mark Driscoll Continues to Fall.” *Religion Dispatches* 25 August posting (online text at religiondispatches.org accessed 8/26/2014).
- . 2015. “Watch John Oliver Satirize IRS’ Lack Of Church Oversight.” *Religion Dispatches* 20 August posting (online text at religiondispatches.org accessed 8/27/2015).
- Garrison, D. H., & D. D. Bogard.** 1995. “³⁹Ar-⁴⁰Ar age of Ibitira: Dating the time of chemical equilibration of eucritic pyroxenes?” *Proceedings of the Lunar and Planetary Science Conferences* **26**: 443-444.
- Garrison, Greg.** 2011. “Birmingham conference opens a debate among believers in evolution, creation and intelligent design.” *Living News* blog posting 11 June (online text at blog.al.com/ accessed 7/20/2014).
- . 2012. “Alabama legislation proposes off-campus religion classes for public school students.” *Spot News* blog posting 17 February (online text at blog.al.com/ accessed 3/19/2015).
- Garrison, Jennifer, Evan Z. Macosko, Samantha Bernstein, Navin Pokala, Dirk R. Albrecht, & Cornelia I. Bargmann.** 2012. “Oxytocin/Vasopressin-Related Peptides Have an Ancient Role in Reproductive Behavior.” *Science* **338** (26 October): 540-543.
- Garrison, Vyckie.** 2012. “Saving Teens from Obama: When Bible Study Goes Wrong.” *Religion Dispatches* 3 October posting (online text at religiondispatches.org accessed 10/3/2012).

- 10/6/2012).
- . 2015a. “Jessa Duggar’s father-in-law says God is supersad because Josh Duggar embarrassed him.” *The Raw Story* 31 August posting (online text at www.rawstory.com accessed 8/31/2015).
- . 2016a. “Christian conservatives push child marriage with creepy meme comparing girls to apples.” *The Raw Story* 15 February posting (online text at www.rawstory.com accessed 2/15/2016).
- . 2016b. “Anti-gay preacher barred from fundraising now wants death penalty for adultery.” *The Raw Story* 28 June posting (online text at www.rawstory.com accessed 6/29/2016).
- Garrison, Webb.** 1968. *Strange Facts About the Bible*. Nashville, TN: Abingdon Press.
- Garrity, Paul A.** 2010. “Feel the light.” *Nature* **468** (16 December): 900-901.
- Garroute, Romain, Gaël Clément, Patricia Nel, Michael S. Engel, Philippe Grandcolas, Cyrille D’Haese, Linda Lagebro, Julien Denayer, Pierre Gueriau, Patrick Lafaitte, Sébastien Olive, Cyrille Prestianni, & André Nel.** 2012. “A complete insect from the Late Devonian period.” *Nature* **488** (2 August): 82-85.
- . 2013. “Garroute *et al.* reply.” *Nature* **494** (21 February): E4-E5.
- Garry, Patrick M.** 2004. “The Myth of Separation: America’s Historical Experience with Church and State.” Hofstra University (new York) *Hofstra Law Review* **33** (Winter) article (online pdf at papers.ssm.com accessed 4/9/2014).
- . 2005. “Religious Freedom Deserves More Than Neutrality: The Constitutional Argument for Nonpreferential Favoritism of Religion.” *Florida Law Review* **57** (January): 1-52.
- . 2008. “The Democratic Aspect of the Establishment Clause: A Refutation of the Argument that the Clause Serves to Protect Religious or Nonreligious Minorities.” *Mercer Law Review* **59** (2): 595-628.
- . 2010a. “Assessing the Constitutional Autonomy of Such Non-State Institutions as the Press and Academia.” University of Utah *Utah Law Review* **2010** (1): 141-170.
- . 2010b. “An election about America.” *RenewAmerica* 20 October posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2010c. “Focusing the conservative message.” *RenewAmerica* 9 November posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2010d. “A conservative disappointment over the new tax bill.” *RenewAmerica* 18 December posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011a. “A shameful exploitation.” *RenewAmerica* 11 January posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011b. “A struggle for democracy.” *RenewAmerica* 23 February posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011c. “Transcending politics: the need for leadership.” *RenewAmerica* 19 March posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011d. “An hypocrisy on civil discourse.” *RenewAmerica* 5 April posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011e. “Ryan’s revolution.” *RenewAmerica* 16 April posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011f. “Beware of hypocrisy: it can sabotage a success story.” *RenewAmerica* 13 May posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011g. “Getting the conservative message across.” *RenewAmerica* 31 May posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011h. “The meaning of big government.” *RenewAmerica* 14 June posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011i. “The drift toward an undemocratic politics.” *RenewAmerica* 16 June posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011j. “Recent court decisions reveal a double-standard on freedom.” *RenewAmerica* 3 July posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011k. “A non-budgetary reason for reigning in government: the Fannie Mae example.” *RenewAmerica* 9 July posting (online text at www.renewamerica.com accessed 4/20/2014).

- . 2011l. “The conservative case for a tax compromise.” *RenewAmerica* 22 October posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011m. “Conservatism as the creed of working America.” *RenewAmerica* 4 December posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2011n. “Political realities and the conservative agenda.” *RenewAmerica* 16 December posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012a. “A presidential/constitutional scholar who disregards the Constitution.” *RenewAmerica* 17 January posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012b. “The revolt against limited government.” *RenewAmerica* 27 February posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012c. “The liberal pursuit of a redistributionist agenda: it’s not the poor who are benefitting.” *RenewAmerica* 5 March posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012d. “The Obama administration’s assault on liberty.” *RenewAmerica* 7 April posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012e. “The Democrats’ big-government message: not good news for the poor and middle class.” *RenewAmerica* 16 April posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012f. “The false promises of modern liberalism.” *RenewAmerica* 1 June posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012g. “Big government as the defining political issue of the age.” *RenewAmerica* 30 July posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012h. “Constitutionalism—not government—as the foundation of civil society.” *RenewAmerica* 15 September posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2012i. “The argument conservatives must learn to make.” *RenewAmerica* 25 October posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2013a. “Conservatism’s future message.” *RenewAmerica* 2 January posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2013b. “Distorting the Establishment Clause Into an Individual Dissenter’s Right.” *Charleston Law Review* 7 (4): 661-690.
- . 2014a. “The Obamacare opportunity for conservatism to champion the poor and working American.” *RenewAmerica* 24 January posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2014b. “Refocusing American conservatism.” *RenewAmerica* 28 February posting (online text at www.renewamerica.com accessed 4/20/2014).
- . 2014c. “The future political focus of religious conservatives?” *RenewAmerica* 4 April posting (online text at www.renewamerica.com accessed 4/20/2014).
- Garson, Daniel E., Robert R. Gaines, Mary L. Droser, W. David Liddell, & Aaron Sappenfield.** 2012. “Dynamic palaeoredox and exceptional preservation in the Cambrian Spence Shale of Utah.” *Lethaia* 45 (April): 164-177.
- Garson, Magnus S., & Miroslav Krs.** 1976. “Geophysical and geological evidence of the relationship of Red Sea transverse tectonics to ancient fractures.” *The Geological Society of America GSA Bulletin* 87 (February): 169-181.
- Garton, Michael.** 1996. “The Pattern of Fossil Tracks in the Geological Record.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) 10 (1): 82-100.
- Garver-Apgar, Christine E., Steven W. Gangestad, Randy Thornhill, Robert D. Miller, & Jon J. Olp.** 2006. “Major Histocompatibility Complex Alleles, Sexual Responsivity, and Unfaithfulness in Romantic Couples.” *Psychological Science* 17 (October): 830-835.
- Garvey, Jon.** 2011. “Signature in the BioLogos.” *The Hump of the Camel* 28 June posting (online text at potiphar.jongarvey.co.uk accessed 9/19/2011).
- Garvin, Jessica, Roger Buick, Ariel D. Anbar, Gail L. Arnold, & Alan J. Kaufman.** 2009. “Isotopic Evidence for an Aerobic Nitrogen Cycle in the Latest Archean.” *Science* 323 (20

- February): 1045-1048.
- Garvin, Robert T., Roland Rosset, & Luigi Gorini.** 1973. "Ribosomal Assembly Influenced by Growth in the Presence of Streptomycin." *Proceedings of the National Academy of Sciences* **70** (1 October): 2762-2766.
- Garwicz, Martin, Maria Christensson, & Elia Psouni.** 2009. "A unifying model for timing of walking onset in humans and other mammals." *Proceedings of the National Academy of Sciences* **106** (22 December): 21889-21893.
- Garwood, Christine.** 2007. *Flat Earth: The History of an Infamous Idea*. New York: Thomas Dunne Books (St. Martin's Press).
- Garwood, Russell.** 2012. "Reach out and defend evolution." *Nature* **485** (12 May): 281.
- Garwood, Russell, Jason A. Dunlop, Gonzalo Giribet, & Mark D. Sutton.** 2011. "Anatomically modern Carboniferous harvestmen demonstrate early cladogenesis and stasis in Opiliones." *Nature Communications* (online @ nature.com) **2** (23 August): 444.
- Garwood, Russell J., & Gregory D. Edgecombe.** 2011. "Early Terrestrial Animals, Evolution, and Uncertainty." *Evolution: Education & Outreach* **4** (September): 489-501.
- Garwood, Russell, & Mark Sutton.** 2010. "X-ray micro-tomography of Carboniferous stem-Dictyoptera: new insights into early insects." *Royal Society Biology Letters* **6** (October): 699-702.
- Gascuel, Olivier.** 2000. "On the Optimization Principle in Phylogenetic Analysis and the Minimum Evolution Criterion." *Molecular Biology and Evolution* **17** (March): 401-405.
- Gaskell, Elizabeth A., Judith E. Smith, John W. Pinney, Dave R. Westhead, & Glenn A. McConkey.** 2009. "A Unique Dual Activity Amino Acid Hydroxylase in *Toxoplasma gondii*." *PLoS ONE* (online @ plosone.org) **4** (March): e4801.
- Gaskell, Martin.** 2005. "Modern Astronomy, the Bible, and Creation." *National Center for Science Education* posting re: *C. Martin Gaskell v. University of Kentucky* (online text via ncse.com/creationism/legal/c-martin-gaskell-v-university-kentucky accessed 10/25/2010).
- Gaskill, Phil, & Brian Thomas.** 2012. "Recent challenges to natural selection." *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **26** (3): 76-78.
- Gasman, Daniel.** 2004. *The Scientific Origins of National Socialism*. 2nd ed. Piscataway, NJ: Transaction Publishers.
- . 2009a. "Robert J. Richards' Toxic Scholarship on Ernst Haeckel: The University of Chicago Press Celebrates an Avatar of Nazism." *Ferris State University* (Michigan) 31 May faculty posting (online pdf at www.ferris.edu accessed 6/28/2014).
- . 2009b. "From Haeckel to Hitler: The Anatomy of a Controversy." *Skepticblog* 10 June posting (online text at www.skeptic.com accessed 6/28/2014).
- . 2009c. "Have Ernst Haeckel's Alleged Connections with Nazism been disproven? A Reply to Peter J. Bowler." *Ferris State University* (Michigan) December faculty posting (online pdf at www.ferris.edu accessed 6/28/2014).
- Gasmi, Laila, Helene Boulain, Jeremy Gauthier, Aurelie Hua-Van, Karine Musset, Agata K. Jakubowska, Jean-Marc Aury, Anne-Nathalie Volkoff, Elisabeth Huguet, Salvador Herrero, & Jean-Michel Drezen.** 2015. "Recurrent Domestication by Lepidoptera of Genes from Their Parasites Mediated by Bracoviruses." *PLoS Genetics* (online @ plosgenetics.org) **11** (September): e1005470.
- Gaspar, Michael A.** 2008. "Mopping Up: Hierarchies and the Sloshing Bucket in the High School Classroom." *Evolution: Education & Outreach* **1** (January): 25-28.
- Gasparini, Zulma, Diego Pol, & Luis A. Spalletti.** 2006. "An Unusual Marine Crocodyliform from the Jurassic-Cretaceous Boundary of Patagonia." *Science* **311** (6 January): 70-73.
- Gasperini, Luca, Enrico Bonatti, & Giuseppe Longo.** 2008. "The Tunguska Mystery." *Scientific American* **298** (June): 80-84, 86.
- Gasperini, Maurizio.** 2008. *The Universe Before the Big Bang: Cosmology and String Theory*. Berlin: Springer.
- Gass, J. Donald M.** 1999. "Müller Cell Cone, an Overlooked Part of the Anatomy of the Fovea Centralis: Hypotheses Concerning Its Role in the Pathogenesis of Macular Hole and Foveomacular Retinoschisis." *JAMA Ophthalmology* (AKA *Archives of Ophthalmology*) **117**

- (June): 821-823.
- Gasson, Edward, Robert M. DeConto, David Pollard, & Richard H. Levy.** 2016. “Dynamic Antarctic ice sheet during the early to mid-Miocene.” *Proceedings of the National Academy of Sciences* **113** (29 March): 3459-3464.
- Gastaldo, Robert A., Johann Neveling, C. Kittinger Clark, & Sophia S. Newbury.** 2009. “The terrestrial Permian-Triassic boundary event bed is a nonevent.” *Geology* **37** (March): 199-202.
- Gastaldo, Robert A., & Marcy W. Rolerson.** 2008. “*Katbergia* gen. Nov., A New Trace Fossil from the Late Permian and Early Triassic of the Karoo Basin: Implications for Paleoenvironmental Conditions at the P/Tr Extinction Event.” *Palaeontology* **51** (January): 215-229.
- Gatehouse, Jonathan.** 2000. “Rushton Has Supporters at U.S. Book Launch.” *Ferris State University* (Michigan) posting of *National Post* (11 July) article (online text at www.ferris.edu accessed 3/1/2002).
- Gatell, Frank Otto, & John M. McFaul,** ed. 1970. *Jacksonian America 1815-1840: New Society, Changing Politics*. Englewood Cliffs, NJ: Prentice-Hall.
- Gatenby, Robert A., & Thomas L. Vincent.** 2003. “An Evolutionary Model of Carcinogenesis.” *Cancer Research* **63** (1 October): 6212-6220.
- Gates, Gary J.** 2011. “How many people are lesbian, gay, bisexual, and transgender?” *The Williams Institute* April posting (online pdf at ww2.law.ucla.edu accessed 4/9/2011).
- Gates, Gary J., & Frank Newport.** 2012. “Special Report: 3.4% of U. S. Adults Identify as LGBT.” *Gallup Poll* 18 October posting (online text at gallup.com accessed 10/20/2012).
- Gatesy, John, & Peter Arctander.** 2000. “Hidden Morphological Support for the Phylogenetic Placement of *Pseudoryx nghetinhensis* with Bovine Bovids: A Combined Analysis of Gross Anatomical Evidence and DNA Sequences from Five Genes.” *Systematic Biology* **49** (September): 515-538.
- Gatesy, John, Jonathan H. Geisler, Joseph Chang, Carl Buell, Annalisa Berta, Robert W. Meredith, Mark S. Springer, & Michael R. McGowen.** 2013. “A phylogenetic blueprint for a modern whale.” *Molecular Phylogenetics and Evolution* **66** (February): 479-506.
- Gatesy, John, Cheryl Hayashi, Mathew A. Cronin, & Peter Arctander.** 1996. “Evidence from Milk Casein Genes that Cetaceans are Close Relatives of Hippopotamid Artiodactyls.” *Molecular Biology and Evolution* **13** (September): 954-963.
- Gatesy, John, Conrad Matthee, Rob DeSalle, & Cheryl Hayashi.** 2002. “Resolution of a Supertree/Supermatrix Paradox.” *Systematic Biology* **51** (July): 652-664.
- Gatesy, John, Michel Milinkovitch, Victor Waddell, & Michael Stanhope.** 1999. “Stability of Cladistic Relationships between Cetacea and Higher-Level Artiodactyl Taxa.” *Systematic Biology* **48** (March): 6-20.
- Gatesy, John, & Maureen A. O’Leary.** 2001. “Deciphering whale origins with molecules and fossils.” *Trends in Ecology & Evolution* **10** (October): 562-570.
- Gatesy, John, Deborah Yelon, Rob DeSalle, & Elisabeth S. Vrba.** 1992. “Phylogeny of the Bovidae (Artiodactyla, Mammalia) Based on Mitochondrial Ribosomal DNA-Sequences.” *Molecular Biology and Evolution* **9** (May): 433-446.
- Gatesy, Stephen M., & David B. Baier.** 2005. “The origin of the avian flight stroke: a kinematic and kinetic perspective.” *Paleobiology* **31** (September): 382-399.
- Gatesy, Stephen M., & Kenneth P. Dial.** 1996. “Locomotor Modules and the Evolution of Avian Flight.” *Evolution* **50** (January): 331-340.
- Gateways to Better Education.* 2010. “Bringing Praise to Jesus.” *Gateways to Better Education* Family Devotions/Sunday School Easter Lesson Plan handout posting (online pdf at www.gtbe.org accessed 2/1/2014).
- . 2013. “The Pledge of Allegiance: Understanding the Meaning.” *Gateways to Better Education* posting (online pdf at www.gtbe.org accessed 2/1/2014).
- Gatonyi, Nicholas.** 2002. “6 Days.” *In six days Creation Science: Creation vs. Evolution* undated posting (online text at www.hhes.net.nz accessed 11/13/2002, not available as of 1/26/2015).

- Gaucher, Claudio, Daniel G. Poiré, Jorge Bossi, Leda Sánchez Bettucci, & Ángeles Beri.** 2013. “Comment on ‘Bilaterian Burrows and Grazing Behavior at >585 Million Years Ago’.” *Science* **339** (22 February): 906.
- Gaucher, Danielle, Carolyn L. Hafer, Aaron C. Kay, & Nicolas Davidenko.** 2010. “Compensatory Rationalizations and the Resolution of Everyday Undeserved Outcomes.” *Personality and Social Psychology Bulletin* **36** (January): 109-118.
- Gaucher, Eric A.** 2007a. “Ancestral sequence reconstruction as a tool to understand natural history and guide synthetic biology: realizing and extending the vision of Zuckerkandl and Pauling,” in Liberles (2007, 20-33).
- . 2007b. “Experimental resurrection of ancient biomolecules: gene synthesis, heterologous protein expression, and functional assays,” in Liberles (2007, 153-163).
- . 2010. “Ancient Proteins as Proxies for Precambrian Environments Hosting Life (pH and Temperature).” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at *astrobiology.nasa.gov* accessed 11/17/2010).
- Gaucher, Eric A., Sridhar Govindarajan, & Omjoy K. Ganesh.** 2008. “Palaeotemperature trend for Precambrian life inferred from resurrected proteins.” *Nature* **451** (7 February): 704-707.
- Gaucher, Eric A., James T. Kratzer, & Ryan N. Randall.** 2010. “Deep Phylogeny—How a Tree Can Help Characterize Early Life on Earth.” *Cold Spring Harbor Perspectives in Biology* **2** (January): a002238.
- Gaucher, Eric A., J. Michael Thomson, Michelle F. Burgan, & Steven A. Benner.** 2003. “Inferring the palaeoenvironment of ancient bacteria on the basis of resurrected proteins.” *Nature* **425** (18 September): 285-288.
- Gaudet, François, J. Graeme Hodgson, Amir Eden, Laurie Jackson-Grusby, Jessica Dausman, Joe W. Gray, Heinrich Leonhardt, & Rudolf Jaenisch.** 2003. “Induction of Tumors in Mice by Genomic Hypomethylation.” *Science* **302** (18 April): 489-492.
- Gaudian, Bryce.** 2010. “Joe Taylor’s FOSSIL FACTS & FANTASIES.” *Southern Minnesota Association for Creation* posting updated 6 March (online text at *www.tccsa.tc* accessed 5/30/2011).
- Gauger, Ann K.** 2009a. “The Frailty of the Darwinian Hypothesis, Part 1.” Discovery Institute *Evolution News & Views* posting for 13 July (online text at *evolutionnews.org* accessed 7/15/2009).
- . 2009b. “The Frailty of the Darwinian Hypothesis, Part 2.” Discovery Institute *Evolution News & Views* posting for 14 July (online text at *evolutionnews.org* accessed 7/15/2009).
- . 2011a. “Life, Purpose, Mind” Where the Machine Metaphor Fails.” Discovery Institute *Evolution News & Views* posting for 1 June (online text at *evolutionnews.org* accessed 1/15/2015).
- . 2011b. “In *BIO-Complexity*, Meyer and Nelson Debunk DRT.” Discovery Institute *Evolution News & Views* posting for 26 August (online text at *evolutionnews.org* accessed 1/16/2012).
- . 2011c. “Corticosteroid Receptors in Vertebrates: Luck or Design.” Discovery Institute *Evolution News & Views* posting for 11 October (online text at *evolutionnews.org* accessed 8/3/2013).
- . 2011d. “Jerry Coyne Hasn’t Understood a Word David Berlinski Said.” Discovery Institute *Evolution News & Views* posting for 21 November (online text at *evolutionnews.org* accessed 12/6/2011).
- . 2012a. “The Real Barrier to Unguided Human Evolution.” *Biologic Institute* posting 23 April (online text at *biologicinstitute.org* accessed 5/7/2012).
- . 2012b. “Proteins and Their Exquisite Design.” Discovery Institute *Evolution News & Views* posting for 1 May (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2012c. “Humanly Speaking ... Part 2.” *Biologic Institute* posting 5 July (online text at *biologicinstitute.org* accessed 7/9/2012).
- . 2012d. “On Population Genetics Estimates.” *Biologic Institute* posting 3 August (online text at *biologicinstitute.org* accessed 7/3/2014).

- . 2012e. “The Lignin Enigma.” Discovery Institute *Evolution News & Views* posting for 2 July (online text at evolutionnews.org accessed 12/12/2012).
- . 2012f. “Lignin: The Enigma Remains.” Discovery Institute *Evolution News & Views* posting for 6 July (online text at evolutionnews.org accessed 12/12/2012).
- . 2012g. “On Phylogenies and Analogies.” Discovery Institute *Evolution News & Views* posting for 18 July (online text at evolutionnews.org accessed 8/16/2012).
- . 2012h. “On Enzymes and Teleology.” Discovery Institute *Evolution News & Views* posting for 19 July (online text at evolutionnews.org accessed 8/16/2012).
- . 2013a. “Orphan Genes: A Guide for the Perplexed.” Discovery Institute *Evolution News & Views* posting for 30 July (online text at evolutionnews.org accessed 8/3/2013).
- . 2013b. “The Parent Flap.” *Salvo Magazine* Fall issue 26 Supplement (online text at salvomag.com accessed 1/27/2014).
- . 2014a. “Code Busting: Genomes Where a ‘Stop’ Sign Means ‘Go’.” Discovery Institute *Evolution News & Views* for 26 May (online text at evolutionnews.org accessed 5/28/2014).
- . 2014b. “Kinesin: Fast, Efficient, Essential, and Mysterious.” Discovery Institute *Evolution News & Views* for 11 June (online text at evolutionnews.org accessed 5/21/2015).
- . 2014c. “The Cell’s Postal System.” Discovery Institute *Evolution News & Views* for 19 June (online text at evolutionnews.org accessed 6/25/2014).
- . 2014d. “Playing Roulette with Life.” Discovery Institute *Evolution News & Views* for 20 June (online text at evolutionnews.org accessed 6/25/2014).
- . 2014e. “Why Does Biology Still Have the Ability to Surprise Us?” Discovery Institute *Evolution News & Views* for 27 June (online text at evolutionnews.org accessed 7/3/2014).
- . 2014f. “On Human Origins, a Cautionary Tale with ‘Surprising’ Biological Results.” Discovery Institute *Evolution News & Views* for 1 July (online text at evolutionnews.org accessed 7/3/2014).
- . 2014g. “A Pretty Sharp Edge: Reflecting on Michael Behe’s Vindication.” Discovery Institute *Evolution News & Views* for 28 July (online text at evolutionnews.org accessed 8/14/2014).
- . 2014h. “On Evolution, Pope Francis Speaks and the Media Get It Wrong.” Discovery Institute *Evolution News & Views* for 29 October (online text at evolutionnews.org accessed 11/5/2014).
- . 2014i. “Is Evolution True? Laying Out the Logic.” Discovery Institute *Evolution News & Views* for 5 December (online text at evolutionnews.org accessed 12/10/2014).
- . 2014j. “Is Evolution True? Laying Out the Logic, Part 2.” Discovery Institute *Evolution News & Views* for 7 December (online text at evolutionnews.org accessed 12/10/2014).
- . 2014k. “Thinking Differently About Biology.” Discovery Institute *Evolution News & Views* for 15 December (online text at evolutionnews.org accessed 12/17/2014).
- . 2015a. “Programmed Cell Death Is Vital to Life, but Where’d It Come From?” Discovery Institute *Evolution News & Views* for 8 January (online text at evolutionnews.org accessed 1/15/2015).
- . 2015b. “Rewriting Biology Without Spin.” Discovery Institute *Evolution News & Views* for 12 January (online text at evolutionnews.org accessed 1/15/2015).
- . 2015c. “Comparing the Odds: The Seahawks Gave Versus ... Evolution?” Discovery Institute *Evolution News & Views* 22 January posting (online text at evolutionnews.org accessed 1/31/2015).
- . 2015d. “The White Space in Evolutionary Thinking.” Discovery Institute *Evolution News & Views* 17 April posting (online text at evolutionnews.org accessed 4/23/2015).
- . 2015e. “More on the White Space in Evolutionary Thinking: A Critic Responds to *How to Build a Worm*.” Discovery Institute *Evolution News & Views* 30 April posting (online text at evolutionnews.org accessed 5/7/2015).
- . 2015f. “Greater Love Has No Cell: The biblical allegory written into our bodies.” Christianity Today *The Behemoth* posting 30 April: online text accessed 5/19/2015 (www.christianitytoday.com).
- . 2015g. “At the Dawn of Life, a Mystery.” Discovery Institute *Evolution News & Views* 5 May posting (online text at evolutionnews.org accessed 5/7/2015).

- . 2015h. “A Simple Transition to Multicellularity—Not!” Discovery Institute *Evolution News & Views* 7 May posting (online text at *evolutionnews.org* accessed 5/21/2015).
- . 2015i. “Heads or Tails: The Problem of Evolving Animal Body Plans.” Discovery Institute *Evolution News & Views* 15 May posting (online text at *evolutionnews.org* accessed 5/21/2015).
- . 2015j. “Must See: Illustrating the Golden Ratio.” Discovery Institute *Evolution News & Views* 20 May posting (online text at *evolutionnews.org* accessed 5/28/2015).
- . 2015k. “Waiting for Mutations: Why Darwinism Won’t Work.” Discovery Institute *Evolution News & Views* 23 September posting (online text at *evolutionnews.org* accessed 1/28/2017).
- . 2015l. “Is Evolution Random? Answering a Common Challenge.” Discovery Institute *Evolution News & Views* 26 October posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015m. “From Biochemist Larry Moran, More Gratuitous Misrepresentations.” Discovery Institute *Evolution News & Views* 6 November posting (online text at *evolutionnews.org* accessed 6/10/2016).
- . 2015n. “What’s the Mechanism of Intelligent Design?” Discovery Institute *Evolution News & Views* 13 November posting (online text at *evolutionnews.org* accessed 6/10/2016).
- . 2015o. “A Special Status for Science?” Discovery Institute *Evolution News & Views* 30 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2016a. “New Article in *BIO-Complexity* Addresses the Problem of Biological Innovation.” Discovery Institute *Evolution News & Views* 4 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016b. “How Not to Debate—Lawrence Krauss in Toronto.” Discovery Institute *Evolution News & Views* 21 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016c. “#7 of Our Top Stories of 2016: An Engineered ‘Minimal’ Microbe Is Evidence of Intelligent Design.” Discovery Institute *Evolution News & Views* 26 December reposting of 24 March posting (online text at *evolutionnews.org* accessed 12/29/2016).
- . 2016d. “The Vitellogenin Pseudogene Story: Unequally Yolkeed.” Discovery Institute *Evolution News & Views* 24 May posting (online text at *evolutionnews.org* accessed 6/14/2016).
- . 2016e. “Vincent Torley Thinks I Have Egg on My Face.” Discovery Institute *Evolution News & Views* 10 June posting (online text at *evolutionnews.org* accessed 6/14/2016).
- . 2016f. “Having a BLAST: The Torley Saga, Cont.” Discovery Institute *Evolution News & Views* 14 June posting (online text at *evolutionnews.org* accessed 6/14/2016).
- . 2016g. “The Opossum’s Tale: The Torley Saga, Cont.” Discovery Institute *Evolution News & Views* 16 June posting (online text at *evolutionnews.org* accessed 6/19/2016).
- . 2016h. “The Placenta Problem: How Common Descent Fails.” Discovery Institute *Evolution News & Views* 17 June posting (online text at *evolutionnews.org* accessed 6/20/2016).
- . 2017a. “Digging Deep in Biology: ‘Things Get Even More Complicated When You Look Closer’.” Discovery Institute *Evolution News & Views* 18 January posting (online text at *evolutionnews.org* accessed 1/28/2017).
- . 2017b. “The Nylonase Story: When Imagination and Facts Collide.” Discovery Institute *Evolution News & Science Today* 4 May posting (online text at *evolutionnews.org* accessed 5/7/2017).
- . 2017c. “The Nylonase Story: How Unusual Is That?” Discovery Institute *Evolution News & Science Today* 5 May posting (online text at *evolutionnews.org* accessed 5/7/2017).
- Gauger, Ann K., & Douglas D. Axe.** 2011. “The Evolutionary Accessibility of New Enzyme Functions: A Case Study from the Biotin Pathway.” *BIO-Complexity* (online @ bio-complexity.org) **2011** (1): 1-17.
- Gauger, Ann K., Douglas D. Axe, & Casey Luskin.** 2012. *Science & Human Origins*. Seattle, WA: Discovery Institute Press.
- Gauger, Ann K., Stephanie Ebnet, Pamela F. Fahey, & Ralph Seelke.** 2010. “Reductive

- Evolution Can Prevent Populations from Taking Simple Adaptive Paths to High Fitness.” *BIO-Complexity* (online @ bio-complexity.org) **2010** (2): 1-9.
- Gauger, Ann, Richard G. Fehon, & Gerold Schubiger.** 1985. “Preferential binding of imaginal disk cells to embryonic segments of *Drosophila*.” *Nature* **313** (31 January): 395-397.
- Gauger, Ann, Marcie A. Glicksman, Richard Salatino, John M. Condie, Gerold Schubiger, & Danny L. Brower.** 1987. “Segmentally-repeated pattern of expression of a cell surface glycoprotein in *Drosophila* embryos.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **100** (1 June): 237-244.
- Gauger, A. K., & L. S. Goldstein.** 1993. “The *Drosophila* kinesin light chain. Preliminary structure and interaction with kinesin heavy chain.” *The Journal of Biological Chemistry* **268** (25 June): 13657-13666.
- Gaunt, Stephen J.** 1997. “Chick limbs, fly wings and homology at the fringe.” *Nature* **386** (27 March): 324-325.
- Gauquelin, Michel.** 1967. *The Cosmic Clocks*. 1969 pb ed. New York: Avon Books.
- , trans. James Hughes. 1970. *The Scientific Basis of Astrology: Myth or Reality*. New York: Stein & Day.
- , trans. Sarah Matthews. 1983. *Birth-Times: A Scientific Investigation of the Secrets of Astrology*. New York: Hill & Wang.
- Gauss, George H., Michael A. Reott, Edson R. Rocha, Mark J. Young, Trevor Douglas, C. Jeffrey Smith, & C. Martin Lawrence.** 2012. “Characterization of the *Bacteroides fragilis* bfr Gene Product Identifies a Bacterial DPS-Like Protein and Suggests Evolutionary Links in the Ferritin Superfamily.” *Journal of Bacteriology* **194** (January, No. 1): 15-27.
- Gauthier, Jacques, & Kevin de Queiroz.** 2001. “Feathered dinosaurs, flying dinosaurs, criwd dinosaurs, and the name ‘Aves’,” in Gauthier & Gall (2001, 7-41).
- Gauthier, Jacques, & Lawrence F. Gall,** eds. 2001. *New Perspectives on the Origin and Early Evolution of Birds: Proceedings of the International Symposium in Honor of John H. Ostrum*. New Haven, CT: Peabody Museum of Natural History.
- Gauthier, Jacques A., Maureen Kearney, Jessica Anderson Maisano, Olivier Rieppel, & Adam D. B. Behlke.** 2012. “Assembling the Squamate Tree of Life: Perspectives from the Phenotype and the Fossil Record.” *Bulletin of the Peabody Museum of Natural History* **53** (April): 3-308.
- Gauthier, Julie, Nathalie Champagne, Ronald G. Lafrenière, Lan Xiong, Dan Spiegelman, Edna Brustein, Mathieu Lapointe, Huashan Peng, Mélanie Côté, Anne Norveau, Fado F. Hamdan, Anjené M. Addington, Judith L. Rapoport, Lynn E. DeLisi, Marie-Odile Krebs, Ridha Joober, Ferid Fathalli, Fayçal Mouaffak, Ali P. Haghighi, Christian Néri, Marie-Pierre Dubé, Mark E. Samuels, Claude Marcineau, Eric A. Stone, Philip Awadalla, Philip A. Barker, Salvatore Carbonetto, Pierre Drapeau, & the S2D Team.** 2010. “De novo mutations in the gene encoding the synaptic scaffolding protein *SHANK3* in patients ascertained for schizophrenia.” *Proceedings of the National Academy of Sciences* **107** (27 April): 7863-7868.
- Gauthier-Lafaye, F.** 2006. “Time constraint for the occurrence of uranium deposits and natural nuclear fission reactors in the Paleoproterozoic Franceville Basin (Gabon).” *The Geological Society of America Memoirs* **198**: 157-167.
- Gautier, Clement A., Tohru Kitada, & Jie Shen.** 2008. “Loss of PINK1 causes mitochondrial functional defects and increased sensitivity to oxidative stress.” *Proceedings of the National Academy of Sciences* **105** (12 August): 11041-11042.
- Gavelis, Gregory S., Shiho Hayakawa, Richard A. White III, Takashi Gojobori, Curtis A, Suttle, Patrick J. Keeling, & Brian S. Leander.** 2015. “Eye-like ocelloids are built from different endosymbiotically acquired components.” *Nature* **523** (9 July): 204-207.
- Gavin, Ray H.** 1999. “Synergy of Cytoskeleton Components: Cytoskeletal polymers exhibit both structural and functional synergy.” *BioScience* **49** (August): 641-655.
- Gavrilets, Sergey.** 2003. “Perspective: Models of Speciation: What Have We Learned in 40 Years?” *Evolution* **57** (October): 2197-2215.
- . 2005. “‘Adaptive Speciation’—It is Not That Easy: A Reply to Doebeli et al.” *Evolution*

- 59 (March): 696-699.
- . 2010. “Rapid Transition towards the Division of Labor via Evolution of Developmental Plasticity.” *PLoS Computational Biology* (online @ ploscompbiol.org) **6** (June): e1000805.
- . 2012a. “Human origins and the transition from promiscuity to pair-bonding.” *Proceedings of the National Academy of Sciences* **109** (19 June): 9923-9928.
- . 2012b. “On the evolutionary origins of the egalitarian syndrome.” *Proceedings of the National Academy of Sciences* **109** (28 August): 14069-14074.
- Gavrilets, Sergey, & Jonathan B. Losos.** 2009. “Adaptive Radiation: Contrasting Theory with Data.” *Science* **323** (6 February): 732-737.
- Gavrilets, Sergey, & William R. Rice.** 2006. “Genetic models of homosexuality: generating testable predictions.” *Proceedings of the Royal Society of London B* (Biological Sciences) **273** (22 December): 3031-3038.
- Gavrilets, Sergey, & Peter J. Richerson.** 2017. “Collective action and the evolution of social norm internalization.” *Proceedings of the National Academy of Sciences* **114** (6 June): 6068-6073.
- Gavrilov, Valery M.** 2013. “Origin and development of homiothermy: A case study of avian energetics.” *Advances in Bioscience and Biotechnology* **4** (August): 1-17.
- Gawande, Atul.** 2016. “The Mistrust of Science.” *The New Yorker* (10 June): online text accessed 6/15/2016 ([newyorker.com](http://www.newyorker.com)).
- Gawiser, Eric, & Joseph Silk.** 1998. “Extracting Primordial Density Fluctuations.” *Science* **280** (29 May): 1405-1411.
- Gaya, Ester, Samantha Fernández-Brime, Reinaldo Vargas, Robert F. Lachlan, Cécile Gueidan, Martín Ramírez-Mejía, & François Lutzoni.** 2015. “The adaptive radiation of lichen-forming Teloschistaceae is associated with sunscreens pigments and a bark-to-rock substrate shift.” *Proceedings of the National Academy of Sciences* **112** (15 September): 11600-11605.
- Gaydos, Laura J., Wenchao Wang, & Susan Strome.** 2014. “H3K27me and PRC2 transmit a memory of repression across generations and during development.” *Science* **345** (19 September): 1515-1518.
- Gayen, Srimonta, Emily Maclary, Michael Hinten, & Sundeep Kalantry.** 2016. “Sex-specific silencing of X-linked genes by Xist RNA.” *Proceedings of the National Academy of Sciences* **113** (19 January): E309-E318.
- Gay Heroes.* 2000. “George Frideric Handel.” *Gay Heroes* undated posting (online text at www.gayheroes.com accessed 3/26/2001).
- Gaylor, Anne Nicol.** 1983. “Taking the Pledge.” *Freethought Today* (September): online text accessed 5/2/2011 (www.ffrf.org).
- Gaylor, Annie Laurie.** 2011. “Remove Religious Shrine from Flathead National Forest.” *Freedom From Religion Foundation* 26 October letter to US Forest Service (online pdf at www.ffrf.org accessed 11/2/2011).
- Gaylord, Harry A.** 2007. “Evolutionists discover they were wrong, again.” *Sun & Shield* 15 August posting (online text at sunandshield.wordpress.com accessed 7/16/2014).
- . 2011. “The eyes don’t lie, or, how the eyes disprove evolution.” *Sun & Shield* 9 November posting (online text at sunandshield.wordpress.com accessed 7/8/2014).
- . 2013a. “Evolutionists backtrack on ‘bipedal’ ape.” *Sun & Shield* 26 July posting (online text at sunandshield.wordpress.com accessed 7/16/2014).
- . 2013b. “Study capsizes evolution predictions re: apes, humans.” *Sun & Shield* 17 August posting (online text at sunandshield.wordpress.com accessed 7/16/2014).
- . 2014a. “Notes on the four beasts of Revelation.” *Sun & Shield* 1 July posting (online text at sunandshield.wordpress.com accessed 7/16/2014).
- . 2014b. “Is Jehovah really a merciless murderer?” *Sun & Shield* 2 July posting (online text at sunandshield.wordpress.com accessed 7/16/2014).
- Gaynor, Scott T.** 2004. “Skepticism of Caricatures: B. F. Skinner Turns 100.” *Skeptical Inquirer* **28** (January/February): 26-29.
- Gayon, Jean.** 2000. “History of the concept of allometry.” *Integrative and Comparative Biology*

- (AKA *American Zoologist*) **40** (November): 748-758.
- Gazave, Eve, Pascal Lapébie, Gemma S. Richards, Frédéric Brunet, Alexander V. Ereskovsky, Bernard M. Degan, Carole Borchiellini, Michel Vervoort, & Emmanuelle Renard.** 2009. "Origin and evolution of the Notch signalling pathway: an overview from eukaryotic genomes." *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (13 October): 249.
- Gazzaniga, Michael S.** 1998. "The Split Brain Revisited." *Scientific American* **279** (July): 50-55.
- . 1999. "The Interpreter Within: The Glue of Conscious Experience." 1 April article posting (online text at www.dana.org accessed 8/11/2011).
- . 2000. "Regional Differences in Cortical Organization." *Science* **289** (15 September): 1887-1888.
- . 2008. *Human: The Science Behind What Makes Us Unique*. New York: The Ecco Press (HarperCollins).
- , ed. 2009. *The Cognitive Neurosciences IV*. Cambridge, MA: MIT Press.
- . 2011. *Who's in Charge? Free Will and the Science of the Brain*. New York: HarperCollins Publishers.
- . 2012. "Free Will Is an Illusion, but You're Still Responsible for Your Actions." *The Chronicle of Higher Education* posting 18 March: online text accessed 6/8/2014 (chronicle.com).
- Gazzaniga, Michael S., James C. Eliassen, Laura Nisenson, C. Mark Wessinger, Robert Fendrich, & Kathleen Baynes.** 1996. "Collaboration between the hemispheres of a callosotomy patient: Emerging right hemisphere speech and the left hemisphere interpreter." *Brain* **119** (April): 1255-1262.
- Gazzaniga, Michael S., & George R. Mangun,** eds. 2014. *The Cognitive Neurosciences*. 5th ed. Cambridge, MA: MIT Press.
- Ge, Deyan, Zhixin Wen, Lin Xia, Zhaoqun Zhang, Margarita Erbajeva, Chengming Huang, & Qisen Yang.** 2013. "Evolutionary History of Lagomorphs in Response to Global Environmental Change." *PLoS ONE* (online @ plosone.org) **8** (April): e59668.
- Ge, Jianqiao, Gang Peng, Bingjiang Lyu, Yi Wang, Yan Zhuo, Zhendong Niu, Li Hai Tan, Alexander P. Leff, & Jia-Hong Gao.** 2015. "Cross-language differences in the brain network subserving intelligible speech." *Proceedings of the National Academy of Sciences* **112** (10 March): 2972-2977.
- Ge, Qing, & Yong Zhao.** 2013. "Evolution of thymus organogenesis." *Developmental & Comparative Immunology* **39** (January-February): 85-90.
- Ge, Yigong, Chunhao Li, Linda Corum, Clive A. Slaughter, & Nyles W. Charon.** 1998. "Structure and Expression of the FlaA Periplasmic Flagellar Protein of *Borrelia burgdorferi*." *Journal of Bacteriology* **180** (May, No. 9): 2418-2425.
- Ge, Yigong, Iain G. Old, Isabelle Saint Girons, & Nyles W. Charon.** 1997. "Molecular Characterization of a Large *Borrelia burgdorferi* Motility Operon Which Is Initiated by a Consensus σ^{70} Promoter." *Journal of Bacteriology* **179** (April, No. 7): 2289-2299.
- Geangu, Elena, Aimee Gibson, Katharina Kaduk, & Vincent M. Reid.** 2013. "The neural correlates of passively viewed sequences of true and false beliefs." *Social Cognitive & Affective Neuroscience* **8** (April): 432-437.
- Geary, Cody, Paul W. K. Rothmund, & Ebbe S. Andersen.** 2014. "A single-stranded architecture for cotranslational folding of RNA nanostructures." *Science* **345** (15 August): 799-804.
- Geary, David C., & Kelly J. Huffman.** 2002. "Brain and Cognitive Evolution: Forms of Modularity and Functions of the Mind." *Psychological Bulletin* **128** (September): 667-698.
- Geddes, Linda.** 2014. "Spark of life: Metabolism appears in lab without cells." *New Scientist* (25 April): online text accessed 12/10/2016 (newscientist.com).
- Gee, Carole T.,** ed. 2010. *Plants in Mesozoic Time: Morphological Innovations, Phylogeny, Ecosystems*. Bloomington, IN: Indiana University Press.
- Gee, Catherine.** 2014. "The Role of Emotional Intuitions in Moral Judgments and Decisions."

- Journal of Cognition and Neuroethics* **2** (April): 161-171.
- Gee, Dylan G., Laurel J. Gabard-Durnam, Jessica Flannery, Bonnie Goff, Kathryn L. Humphreys, Eva H. Telzer, Todd A. Hare, Susan Y. Bookheimer, & Nim Tottenham.** 2013. "Early developmental emergence of human amygdala-prefrontal connectivity after maternal deprivation." *Proceedings of the National Academy of Sciences* **110** (24 September): 15638-15643.
- Gee, Henry.** 1992. "Something completely different." *Nature* **358** (6 August): 456-457.
- . 1994. "Return of the amphioxus." *Nature* **370** (18 August): 504-505.
- . 1996. "Box of bones 'clinches' identity of Piltdown palaeontology hoaxer." *Nature* **381** (23 May): 261-262.
- . 1998. "The source of symmetry." *Nature* (6 August) posting (online text at *nature.com* accessed 7/11/2002).
- . 1999. *In Search of Deep Time: Beyond the Fossil Record to a New History of Life*. New York: The Free Press.
- . 2001a. "Return to the planet of the apes." *Nature* **412** (12 July): 131-132.
- . 2001b. "On being vetulicolian." *Nature* **414** (22 November): 407-409.
- . 2002a. "That's life?" *Nature* **416** (7 March): 28.
- . 2002b. "Dinosaur like chicken-rabbit cross." *Nature* (19 September) posting (online text at *nature.com* accessed 8/6/2004).
- . 2002c. "Fossil forgery's front half revealed." *Nature* (21 November) posting (online text at *nature.com* accessed 8/6/2004).
- . 2003a. "Fossil boosts trees-down start for flight." *Nature* (23 January) posting (online text at *nature.com* accessed 1/22/2003).
- . 2003b. "Ending incongruence." *Nature* **425** (23 October): 782.
- . 2004. "The tyranny of design." *Nature* (7 July) posting (online text at *nature.com* accessed 5/7/2011).
- . 2006a. "Careful with amphioxus." *Nature* **439** (23 February): 923-924.
- . 2006b. "The roots of flowering plants." *Nature* **441** (18 May): 298.
- . 2011. "Craniums with clout." *Nature* **478** (6 October): 34.
- . 2012. "A brainy background." *Nature* **483** (15 March): 280.
- . 2013a. "Tubular worms from the Burgess Shale." *Nature* **495** (28 March): 458-459.
- . 2013b. *The Accidental Species: Misunderstandings of Human Evolution*. Chicago: University of Chicago Press.
- . 2015. "Origin and evolution of vertebrates." *Nature* **520** (23 April): 449.
- . 2016. "A home for *Xenoturbella*." *Nature* **530** (4 February): 43.
- Gee, Henry, Rory Howlett, & Philip Campbell.** 2009. "15 Evolutionary Gems." *Nature* (January) posting (online pdf at *nature.com* accessed 12/14/2011).
- Gee, Henry, & Luis V. Rey.** 2003. *A Field Guide to Dinosaurs*. Hauppauge, NY: Barron's.
- Geenen, V.** 2012. "The appearance of the thymus and the integrated evolution of adaptive immune and neuroendocrine systems." *Acta Clinica Belgica* **67** (May-June No. 3): 209-213.
- Geeraets, Walter J., R. C. Williams, Guy Chan, William T. Ham Jr., Dupont Guerry III, & F. H. Schmidt.** 1960. "The Loss of Light Energy in Retina and Choroid." *JAMA Ophthalmology* (AKA *Archives of Ophthalmology*) **64** (October): 606-615.
- Geertsema, Hylkje J., Arkadiusz W. Kulczyk, Charles C. Richardson, & Antoine M. van Oijen.** 2014. "Single-molecule studied of polymerase dynamics and stoichiometry at the bacteriophage T7 replication machinery." *Proceedings of the National Academy of Sciences* **111** (18 March): 4073-4078.
- Geertz, Armin W.** 2010. "Too much Mind and not enough Brain, Body and Culture: On what needs to be done in the Cognitive Science of Religion." *Historia Religionum* (Pisa, Italy) **2**: 21-37.
- Gefter, Amanda.** 2008. "Creationists declare war over the brain." *New Scientist* **200** (22 October): 46-47.
- . 2016. "The Case Against Reality." *The Atlantic* posting 25 April: online text accessed

- 5/12/2016 (*theatlantic.com*).
- Geggie, Stephanie, & Alexander Vologodskii.** 2010. “Sequence dependence of DNA bending rigidity.” *Proceedings of the National Academy of Sciences* **107** (31 August): 15421-15426.
- Geher, Glenn, Benjamin Crosier, Haley Moss Dillon, & Rosemarie Sokol Chang.** 2011. “Evolutionary Psychology’s Place in Evolutionary Studies: a Tale of Promise and Challenge.” *Evolution: Education & Outreach* **4** (March): 11-16.
- Gehler, Alexander, Philip D. Gingerich, & Andreas Pack.** 2016. “Temperature and atmospheric CO₂ concentration estimates through the PETM using triple oxygen isotope analysis of mammalian bioapatite.” *Proceedings of the National Academy of Sciences* **113** (12 July): 7739-7744.
- Gehling, J. G.** 1987. “Earliest known echinoderm—a new Ediacaran fossil from the Pound Subgroup of South America.” *Alcheringa: An Australasian Journal of Palaeontology* **11** (4): 337-345.
- . 2007. “Fleshing out the Ediacaran period.” *Geological Society, London, Special Publications* **286**: 425-428.
- Gehling, James G., & Mary L. Droser.** 2012. “Ediacaran stratigraphy and the biota of the Adelaide Geosyncline, South Australia.” *Episodes* **35** (March): 236-246.
- Gehling, James G., & J. Keith Rigby.** 1996. “Long Expected Sponges from the Neoproterozoic Ediacara Fauna of South Australia.” *Journal of Paleontology* **70** (March): 185-195.
- Gehling, James G., Bruce N. Runnegar, & Mary L. Droser.** 2014. “Scratch Traces of Large Ediacaran Bilaterian Animals.” *Journal of Paleontology* **88** (March): 284-298.
- Gehman, Henry Snyder,** ed. 1970. *The New Westminster Dictionary of the Bible*. Philadelphia: The Westminster Press.
- Gehrels, George E., Ron Blakey, Karl E. Karlstrom, J. Michael Timmons, Bill Dickinson, & Mark Pecha.** 2011. “Detrital zircon U-Pb geochronology of Paleozoic strata in the Grand Canyon, Arizona.” *Lithosphere* **3** (June): 183-200.
- Gehring, W. J.** 1987. “Homeo Boxes in the Study of Development.” *Science* **236** (5 June): 1245-1252.
- . 2005. “New Perspectives on Eye Development and the Evolution of Eyes and Photoreceptors.” *Journal of Heredity* **96** (May): 171-184.
- . 2010. “Development and evolution of eyes and photoreceptors: From Cyanobacteria to humans.” *Palaeodiversity* **3** (Supplement): 147-148.
- . 2011. “Chance and Necessity in Eye Evolution.” *Genome Biology and Evolution* **3**: 1053-1066.
- Gehrke, R., J. C. Casey, & R. K. Murray.** 1990. “Half-life of ¹⁷⁶Lu.” *Physical Review C (nuclear physics)* **41** (June): 2878-2882.
- Gehrke, Andrew R., Igor Schneider, Elisa de la Calle-Mustienes, Juan J. Tena, Carlos Gomez-Marin, Mayuri Chandran, Tetsuya Nakamura, Ingo Brassch, John H. Postlethwait, José Gómez-Skarmeta, & Neil H. Shubin.** 2015. “Deep conservation of wrist and digit enhancers in fish.” *Proceedings of the National Academy of Sciences* **112** (20 January): 803-808.
- Geiler-Samerotte, Kerry A., Michael F. Dion, Bogdan A. Budnik, Stephanie M. Wang, Daniel L. Hartl, & D. Allan Drummond.** 2011. “Misfolded proteins impose a dosage-dependent fitness cost and trigger a cytosolic unfolded protein response in yeast.” *Proceedings of the National Academy of Sciences* **108** (11 January): 680-685.
- Geis, Philip A.** 2002. “Science and Technology Policy Issues of Concern to Ohio’s Leaders: A Report of the Science Policy Advisory Committee of The Ohio Academy of Science.” *Ohio Journal of Science* **102** (September): 67-69.
- Geiser, David M., Cécile Gueidan, Jolanta Miadlikowska, François Lutzoni, Frank Kauff, Valérie Hofstetter, Emily Fraker, Conrad L. Schoch, Leif Tibell, Wendy A. Untereiner, & André Aptroot.** 2006. “Eurotiomycetes: Eurotiomycetidae and Chaetothyriomycetidae.” *Mycologia* **98** (November/December): 1053-1064.
- Geisler, Jonathan H., Matthew W. Colbert, & James L. Carew.** 2014. “A new fossil species

- supports an early origin for toothed whale echolocation.” *Nature* **508** (17 April): 383-386.
- Geisler, Jonathan H., Albert E. Sanders, & Zhe-Xi Luo.** 2005. “A New Protocetid Whale (Cetacea: Archaeoceti) from the Late Middle Eocene of South Carolina.” *American Museum Novitates* **3480** (25 July): 1-65.
- Geisler, Jonathan H., & Jessica M. Theodor.** 2009. “Hippopotamus and whale phylogeny.” *Nature* **458** (19 March): E1-E4.
- Geisler, Jonathan H., & Mark D. Uhen.** 2005. “Phylogenetic Relationships of Extinct Cetartiodactyls: Results of Simultaneous Analyses of Molecular, Morphological, and Stratigraphic Data.” *Journal of Mammalian Evolution* **12** (June): 145-160.
- Geisler, Norman L.** 1982. “Creator in the Courtroom: The Controversial Arkansas Creation-Evolution Trial.” *Fundamentalist Journal* **1** (December): 21-23, 53, 64.
- . 1983a. “A Scientific Basis for Creation: The Principle of Uniformity.” *Creation/Evolution* **4** (Summer): 1-6.
- . 1983b. “What Is Happening to Our Freedom?” *Fundamentalist Journal* **2** (July/August): 12-15, 60.
- . 1983c. “Uniformity and Creation: A Response to Edwards and Thwaites.” *Creation/Evolution* **4** (Fall): 36-39.
- . 1986. “What Mount Rushmore and DNA Have in Common.” *Creation/Evolution* **6** (Winter): 39-40.
- . 1983b. “What Is Happening to Our Freedom?” *Fundamentalist Journal* **2** (July/August): 12-15, 60.
- . 1988. “Should We Legislate Morality?” *Fundamentalist Journal* **7** (July/August): 16-17, 64.
- . 1989. “Was Clarence Darrow a Bigot?” *Creation/Evolution* **9** (Fall): 5-8.
- . 1990. “Of Pandas and People: The Central Questions of Biological Origins.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **42** (December): 246-248.
- . 2006. “A Note on the Percent of Accuracy of the New Testament Text.” Undated posting (online text at www.normangeisler.net accessed 1/13/2011).
- . 2013a. “Are There Any Errors in the Bible?” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at www.4truth.net accessed 11/25/2013).
- . 2013b. “The Inerrancy of the Bible.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at www.4truth.net accessed 11/25/2013).
- . 2014. “Does Believing in Inerrancy Require One to Believe in Young Earth Creationism?” *The Christian Post* (12 February): online text accessed 2/15/2014 (christianpost.com).
- Geisler, Norman L., & Paul K. Hoffman,** eds. 2001. *Why I Am a Christian: Leading Thinkers Explain Why They Believe*. Grand Rapids, MI: Baker Books.
- Geisler, Norman L., & Frank Turek.** 2004. *I Don't Have Enough FAITH to Be an ATHEIST*. Wheaton, IL: Crossway Books.
- Geisler, William, & Richard Murray.** 2003. “Practice doesn't make perfect.” *Nature* **423** (12 June): 696.
- Geison, Gerald L.** 1995. *The Private Science of Louis Pasteur*. Princeton, NJ: Princeton University Press.
- Geissler, Brett, Dany Elrahev, & William Margolin.** 2003. “A gain-of-function mutation in *ftsA* bypasses the requirement for the essential cell division gene *zipA* in *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **100** (1 April): 4197-4202.
- Geist, Nicholas R.** 2009. Review of *Feathered Dinosaurs: The Origins of Birds* (John Long & Peter Schouten). University of California *The Condor* **111** (February): 203-204.
- Geist, Nicholas R., & Alan Feduccia.** 2000. “Gravity-defying behaviors: Identifying models for protoaves.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (September): 664-675.

- Gelernter, David.** 2014. “The Closing of the Scientific Mind.” *Commentary* 1 January posting: online text accessed 1/1/2014 (commentarymagazine.com).
- Gelernter, J., H. Kranzler, E. Coccaro, L. Siever, A. New, & C. L. Mulgrew.** 1997. “D4 Dopamine-Receptor (DRD4) Alleles and Novelty Seeking in Substance-Dependent, Personality-Disorder, and Control Subjects.” *The American Journal of Human Genetics* **61** (November): 1144-1152.
- Gelfand, M. S., E. V. Koonin, & A. A. Mironov.** 2000. “Prediction of transcription regulatory sites in Archaea by a comparative genomic approach.” *Nucleic Acids Research* **28** (1 February): 695-705.
- Gelfand, Michele J., Jane L. Raver, Lisa Nishii, Lisa M. Leslie, Janetta Lun, Beng Chong Lim, Lili Duan, Assaf Almaliach, Soon Ang, Jakobina Arnadottir, Zeynep Aycan, Klaus Boehnke, Pawel Boski, Rosa Cabecinhas, Darius Chan, Jagdeep Chhokar, Alessia D’Amato, Montse Ferrer, Iris C. Fischlmayr, Ronald Fischer, Marta Fülöo, James Georgas, Emiko S. Kashima, Yoshishima Kashima, Kibum Kim, Alain Lempereur, Patricia Marquez, Rozhan Othman, Bert Overlaet, Penny Panagiotopoulou, Karl Peltzer, Lorena R. Perez-Florizno, Larisa Ponomarenko, Anu Realo, Vidar Schei, Manfred Schmitt, Peter B. Smith, Nazar Soomro, Erna Szabo, Nalinee Taveesin, Midori Toyama, Evert Van de Vliert, Naharika Vohra, Colleen Ward, & Susumu Yamaguchi.** 2011. “Differences Between Tight and Loose Cultures: A 33-Nation Study.” *Science* **332** (27 May): 1100-1104.
- Gelinas, Amy D., Margherita Paschini, Francis E. Reyes, Annie Héroux, Robert T. Batey, & Victoria Lundblad.** 2009. “Telomere capping proteins are structurally related to RPA with an additional telomere-specific domain.” *Proceedings of the National Academy of Sciences* **106** (17 November): 19298-19303.
- Geller, Uri.** 1975. *My Story*. New York: Prager.
- Gell-Mann, Murray, & Merritt Ruhlen.** 2011. “The origin and evolution of word order.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17290-17295.
- Gelman, Susan A., & Steven O. Roberts.** 2017. “How language shapes the cultural inheritance of categories.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7900-7907.
- Genda, Hidenori, & Yutaka Abe.** 2003. “Survival of a proto-atmosphere through the stage of giant impacts: the mechanical aspects.” *Icarus* **164** (July): 149-162.
- Gendzekhadze, Ketevan, Paul J. Norman, Laurent Abi-Rached, Thorsten Graef, Achim K. Moesta, Zulay Layrresse, & Peter Parham.** 2009. “Co-evolution of KIR2DL3 with HLA-C in a human population retaining minimal essential diversity of KIR and HLA class I ligands.” *Proceedings of the National Academy of Sciences* **106** (3 November): 18692-18697.
- Gene, Mike.** 2005. “Endosymbiotic Theory.” *Telic Thoughts* posting 30 August (online text at telicthoughts.com accessed 1/25/2010).
- . 2008. “As Expected.” *Telic Thoughts* posting 30 April (online text at telicthoughts.com accessed 10/22/2009).
- . 2011. “The Archaeal Expansion.” *Design Matrix* posting 19 February (online text at designmatrix.com accessed 4/29/2011).
- General Han Solo.** 2017. “Noah’s Flood: A Localized Catastrophe In Light Of Cosmic Rebellion.” Video lecture PowerPoint posting (online pdf at drive.google.com accessed 6/30/2017).
- Genero, E. R., M. Moreno Millán, F. Rumiano, & J. Ocaña Quero.** 1998. “Polymorphism on the Y chromosome of the Argentinian Creole breed (*Bos taurus*).” *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **81** (2): 136-139.
- Genesis Park.** 2009. “Stasis After Appearance in the Fossil Record.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 2/9/2009).
- . 2011a. “Ancient Dinosaur Depictions.” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).

- . 2011b. “Cryptozoology.” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011c. “Did the Dinosaurs Evolve Into Birds?” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011d. “Dinosaurs in the Bible.” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011e. “Dragons in History.” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011f. “The Origin of the Dinosaurs.” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011g. “What Killed the Dinosaurs?” *Genesis Park Room 1: The Dinosaurs* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011h. “Ancient Stories of the Primeval World.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011i. “Atmospheric Experiments.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011j. “Computer Modeling of Vapor Canopy.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011k. “Giant Humans in the Past.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011l. “The Hyperbaric Biosphere.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011m. “Larger Organisms in the Past.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011n. “Long-Lived Humans.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011o. “The Miocene Warmness.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011p. “The Pre-Flood Atmosphere.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011q. “Temperate Climates at the Poles.” *Genesis Park Room 2: Early Earth Display* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011r. “Abrupt Appearance in the Fossil Record.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011s. “Ancient Human Skeletons.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011t. “Bell in Coal.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011u. “The Cambrian Explosion.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011v. “Catastrophism.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011w. “Charles Darwin and the Fossil Record” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011x. “Cretaceous Hammer.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011y. “Forbidden Archaeology (Book Review).” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011z. “Fossil Footprints.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011aa. “Fossil Graveyards.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011ab. “How Old is This Bone?” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011ac. “Is Evolution a Fact?” *Genesis Park Room 3: The Story of the Fossils* undated

- posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011ad. “Lack of Identifiable Phylogeny in the Fossil Record.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- . 2011ae. “Large Gaps in the Fossil Record.” *Genesis Park Room 3: The Story of the Fossils* undated posting (online text at www.genesispark.org accessed 7/28/2011).
- Genest, Wilfried, William R. Stauffer, & Wolfram Schultz.** 2016. “Utility functions predict variance and skewness risk preferences in monkeys.” *Proceedings of the National Academy of Sciences* **113** (26 July): 8402-8407.
- Geneva Bible.* 1599. “Exodus 21.” *Study Bible* posting of Geneva Bible translation (online text at studybible.info/Geneva/ accessed 12/18/2013).
- Genise, Jorge F., Eduardo S. Bellosi, Ricard M. Melchor, & Marcela I. Cosarinsky.** 2005. “Comment—Advanced Early Jurassic Termite (Insecta: Isoptera) Nests: Evidence From the Clarens Formation in the Tuli Basin, Southern Africa (Bordy et al., 2004).” *Palaios* **20** (June): 303-308.
- Genise, Jorge F., Ricardo N. Melchor, Miguel Archangelsky, Luis O. Bala, Roberto Straneck, & Silvina de Valais.** 2009. “Application of neoichnological studies to behavioural and taphonomic interpretation of fossil bird-like tracks from lacustrine settings: The Late Triassic-Early Jurassic? Santo Domingo Formation, Argentina.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **272** (15 February): 143-161.
- Genise, Jorge F., & Laura C. Sarzetti.** 2011. “Fossil cocoons associated with a dinosaur egg from Patagonia, Argentina.” *Palaeontology* **54** (July): 815-823.
- Genner, Martin J., Ole Seehausen, David H. Lunt, Domino A. Joyce, Paul W. Shaw, Gary R. Carvalho, & George F. Turner.** 2007. “Age of Cichlids: New Dates for Ancient Lake Fish Radiations.” *Molecular Biology and Evolution* **24** (May): 1269-1282.
- Genschel, Jochen, Lyudmila Y. Kadyrova, Ravi R. Iyer, Basanta K. Dahal, Farid A. Kadyrov, & Paul Modrich.** 2017. “Interaction of proliferating cell nuclear antigen with PMS2 is required for MutLa activation and function in mismatch repair.” *Proceedings of the National Academy of Sciences* **114** (9 May): 4930-4935.
- Gensel, Patricia G.** 1984. “A new Lower Devonian plant and the early evolution of leaves.” *Nature* **309** (28 June): 785-787.
- . 1992. “Phylogenetic Relationships of the Zosterophylls and Lycopods: Evidence from Morphology, Paleocology, and Cladistic Methods of Inference.” *Annals of the Missouri Botanical Gardens* **79** (3): 450-473.
- Gensel, Patricia G., & Christopher M. Berry.** 2001. “Early Lycophyte Evolution.” *American Fern Journal* **91** (July-September): 74-98.
- Gentet, Bob.** 2000. “What are some of the current new ideas and problems being discussed by Flood geologists?” *Creation Research Society Quarterly* **37** (March) article reprinted at *Christian Answers* (online text at www.christiananswers.net accessed 7/26/2011).
- Gentile, Giovanni, Valeria I. Petkova, & H. Henrik Ehrsson.** 2011. “Integration of Visual and Tactile Signals From the Hand in the Human Brain: An fMRI Study.” *Journal of Neurophysiology* **105** (February): 910-922.
- Gentilviso, Chris.** 2013. “Michele Bachmann: ‘If We Cry Out To God,’ We Can Stop Hillary Clinton In 2016.” *Huffpost Politics* posting 10 September (online text at huffingtonpost.com accessed 10/6/2013).
- Gentner, Dedre, & Stella Christie.** 2008. “Relational language supports relational cognition in humans and apes.” *Behavioral and Brain Sciences* **31** (April): 136-137.
- Gentry, Andrew D.** 2017. “New material of the Late Cretaceous marine turtle *Ctenochelys acris* Zangerl, 1953 and a phylogenetic reassessment of the ‘toxocheilyd’ grade taxa.” *Journal of Systematic Palaeontology* **15** (August): 675-696.
- Gentry, Robert V.** 1968. “Fossil Alpha-Recoil Analysis of Certain Variant Radioactive Halos.” *Science* **160** (14 June): 1228-1230.
- . 1970. “Giant Radioactive Halos: Indicators of Unknown Radioactivity?” *Science* **169** (14 August): 670-673.

- . 1971. “Radiohalos: Some Unique Lead Isotope Ratios and Unknown Radioactivity.” *Science* **173** (20 August): 727-731.
- . 1974. “Radiohalos in a Radiochronological and Cosmological Perspective.” *Science* **184** (5 April): 62-66.
- . 1984. “Radioactive Halos in a Radiochronological and Cosmological Perspective,” in Awbrey & Thwaites (1984, 38-65).
- . 1986. *Creation's Tiny Mystery*. Knoxville, TN: Earth Science Associates.
- Gentry, Robert V., Warner H. Christie, David H. Smith, J. F. Emery, S. A. Reynolds, Raymond Walker, S. S. Cristy, & P. A. Gentry.** 1976. “Radiohalos in Coalified Wood: New Evidence Relating to the Time of Uranium Introduction and Coalification.” *Science* **194** (15 October): 315-318.
- Gentry, Robert V., S. S. Cristy, J. F. McLaughlin, & J. A. McHugh.** 1973. “Ion Microprobe Confirmation of Pb Isotope Ratios and Search for Isomer Precursors in Polonium Radiohaloes.” *Nature* **244** (3 August): 282-283.
- Gentry, Robert V., Thomas J. Sworski, Henry S. McKown, David H. Smith, R. E. Eby, & W. H. Christie.** 1982. “Differential Lead Retention in Zircons: Implications for Nuclear Waste Containment.” *Science* **216** (16 April): 296-298.
- Genty, Emilie, & Klaus Zuberbühler.** 2014. “Spatial Reference in a Bonobo Gesture.” *Current Biology* **24** (21 July): 1601-1605.
- Genzel, R., N. M. Förster Schreiber, H. Übler, P. Lang, T. Naab, R. Bender, L. J. Tacconi, E. Wisnioski, S. Wuyts, T. Alexander A. Beifiori, S. Belli, G. Brammer, A. Burkert, C. M. Carollo, J. Chan, R. Davies, M. Fossati, A. Galametz, S. Genel, O. Gerhard, D. Lutz, J. T. Mendel, L. Momcheva, E. J. Nelson, A. Renzini, R. Saglia, A. Sternberg, S. Tacchella, K. Tadaki, & D. Wilman.** 2017. “Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago.” *Nature* **543** (16 March): 397-401.
- George, David, & Alain Blieck.** 2011. “Rise of the Earliest Tetrapods: An Early Devonian Origin from Marine Environment.” *PLoS ONE* (online @ plosone.org) **6** (July): e22136.
- George, David G., Winona C. Barker, & Lois T. Hunt.** 1990. “Mutation data matrix and its uses.” *Methods in Enzymology* **183**: 333-351.
- George, Janet A., Karen L. Traverse, P. G. DeBaryshe, Kerry J. Kelley, & Mary-Lou Pardue.** 2010. “Evolution of diverse mechanisms for protecting chromosome ends by *Drosophila* TART telomere retrotranspositions.” *Proceedings of the National Academy of Sciences* **107** (7 December): 21052-21057.
- George, Kingston A.** 1993. “The Big Sur ‘UFO’: An Identified Flying Object.” *Skeptical Inquirer* **17** (Winter): 180-187.
- . 2009. “‘Buzzing Bee’ Missile Mythology Flies Again.” *Skeptical Inquirer* **33** (January/February): 42-46.
- George, Olivier, & George F. Koob.** 2013. “Control of craving by the prefrontal cortex.” *Proceedings of the National Academy of Sciences* **110** (12 March): 4165-4166.
- George, Olivier, Chelsea Sanders, John Freiling, Edward Grigoryan, Shayla Vu, Camryn D. Allen, Elena Crawford, Chitra D. Mandyam, & George F. Koob.** 2012. “Recruitment of medial prefrontal cortex neurons during alcohol withdrawal predicts cognitive impairment and excessive alcohol drinking.” *Proceedings of the National Academy of Sciences* **109** (30 October): 18156-18161.
- George, Robert P.** 2003. “Holmes on Natural Law.” Pennsylvania State University Press *The Good Society* **12** (3): 32-37.
- . 2008. “Natural Law.” *Harvard Journal of Law & Public Policy* **31** (1): 171-196.
- . 2012. “Ben Carson’s Academic Heresy.” First Things *First Thoughts* posting 7 May (online text at firstthings.com accessed 5/20/2012).
- George, Robert, Timothy George, & Chuck Colson.** 2009. “Manhattan Declaration: A Call of Christian Conscience.” *DeMossNews* posting 20 November: online text accessed 9/20/2010 (demossnews.com).
- George, Robert P., & Cornel West.** 2017. “Truth Seeking, Democracy, and Freedom of Thought and Expression.” Princeton University *James Madison Program in American*

- Ideals and Institutions* posting 14 March (online text at jmp.princeton.edu accessed 4/9/2017).
- Georgelis, Nikolaos, Edward L. Braun, Janine R. Shaw, & L. Curtis Hannah.** 2007. "The Two AGPase Subunits Evolve at Different Rates in Angiosperms, yet They Are Equally Sensitive to Activity-Altering Amino Acid Changes When Expressed in Bacteria." *The Plant Cell* **19** (May): 1458-1472.
- Georgescu, M. Dan.** 2012. "Origin, evolutionary classification, and biostratigraphic of the Late Cretaceous planktic foraminiferal directional lineage *Bollitruncana* O.A. Korchagin, 2001." *Studia UBB Geologia* **57** (2): 3-16.
- Georgescu, Matei, David B. Lobdell, & Christopher B. Field.** 2011. "Direct climate effects of perennial bioenergy crops in the United States." *Proceedings of the National Academy of Sciences* **108** (15 March): 4307-4312.
- Georgescu, Roxana, Zuanning Yuan, Lin Bai, Ruda de Luna Almeida Santos, Jingchuan Sun, Dan Zhang, Olga Yurieva, Huilin Li, & Michael E. O'Donnell.** 2017. "Structure of eukaryotic CMG helicase at a replication fork and implications to replisome architecture and origin initiation." *Proceedings of the National Academy of Sciences* **114** (31 January): E697-E706.
- Georgiades, Petros.** 2000. "Beyond conceptual change learning in science education: focusing on transfer, durability and metacognition." *Educational Research* **42** (July): 119-139.
- Georgiades, Kalliopi, Mohammed-Amine Madoui, Phuong Le, Catherine Robert, & Didier Raoult.** 2011. "Phylogenomic Analysis of *Odysella thessalonicensis* Fortifies the Common Origin of *Rickettsiales*, *Pelagibacter ubique* and *Reclimonas americana* Mitochondrion." *PLoS ONE* (online @ plosone.org) **6** (September): e24857.
- Georgiades, Kalliopi, Vicky Merhej, & Didier Raoult.** 2011. "The influence of rickettsiologists on post-modern microbiology." *Frontiers in Cellular and Infection Microbiology* (online @ frontiersin.org) **1** (31 October): 8.
- Georgiades, Millie M., Isha Singh, Whitney F. Kellett, Shuichi Hoshika, Steven A. Benner, & Nigel G. J. Richards.** 2015. "Structural basis for a six nucleotide genetic alphabet." *Journal of the American Chemical Society* **137** (3 June): 6947-6955.
- Geoscience Research Institute.* 2009. "Science News." *Geoscience Newsletter* (July): 2.
- Geraads, Denis, Tanju Kaya, & Serdar Mayda.** 2005. "Late Miocene large mammals from Yulafli, Thrace region, Turkey, and their biogeographic implications." *Acta Palaeontologica Polonica* **50** (3): 523-544.
- Geraci, Robert M.** 2011. "The Cult of Kurzweil: Will Robots Save Our Souls?" *Religion Dispatches* 5 April posting (online text at religiondispatches.org accessed 4/8/2011).
- Gerardo, Nicole M.** 2015. "Interchangeable allies: Exploiting development and selection to swap symbionts." *Proceedings of the National Academy of Sciences* **112** (17 February): 1923-1924.
- Gerardo, N., J. de Roode, I. Nemenman, & A. Eisen.** 2012. "Ben Carson's Outright Rejection of Evolution Is Against Emory's Ideals." *The Emory Wheel* 23 April Letter to the Editor (online text at www.emorywheel.com accessed 5/20/2012).
- Gerbault, Pascale, Anke Liebert, Yuval Itan, Adam Powell, Mathias Currat, Joachim Burger, Dallas M. Swallow, & Mark G. Thomas.** 2011. "Evolution of lactase persistence: an example of human niche construction." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (27 March): 863-877.
- Gerbec, Michael.** 2010. "Spitzer debates Hawking's theories." Gonzaga University (Spokane, WA) *The Gonzaga Bulletin* (16 September): 1, 3.
- Gerber, André, Mary A. O'Connell, & Walter Keller.** 1997. "Two forms of human double-stranded RNA-specific editase 1 (hRED1) generated by the insertion of an Alu cassette." *RNA* **3** (May): 453-463.
- Gerber, Anne S., Ronald Loggins, Sudhir Kumar, & Thomas E. Dowling.** 2001. "Does Nonneutral Evolution Shape Observed Patterns of DNA Variation in Animal Mitochondrial Genomes?" *Annual Review of Genetics* **35**: 539-566.
- Gerber, Lynne.** 2012. "Is Change Possible? Shifting the Ex-Gay Question." *Religion*

- Dispatches* 4 July posting (online text at religiondispatches.org accessed 7/5/2012).
- Gerber, Sylvain.** 2013. "On the Relationship between the Macroevolutionary Trajectories of Morphological Integration and Morphological Disparity." *PLoS ONE* (online @ plosone.org) **8** (May): e63913.
- Gerber, Sylvain, & Melanie J. Hopkins.** 2011. "Mosaic Heterochrony and Evolutionary Modularity: The Trilobite Genus *Zacanthopsis* as a case study." *Evolution* **65** (November): 3241-3252.
- Gerhart, J.** 2000. "Inversion of the chordate body axis: Are there alternatives?" *Proceedings of the National Academy of Sciences* **97** (25 April): 4445-4448.
- Gerhart, John, & Marc Kirschner.** 2007. "The theory of facilitated variation." *Proceedings of the National Academy of Sciences* **104** (15 May): 8582-8589.
- Gering, E. J., J. C. Opazo, & J. F. Storz.** 2009. "Molecular evolution of cytochrome *b* in high- and low-altitude deer mice (genus *Peromyscus*)." *Heredity* **102** (March): 226-235.
- Gerken, James.** 2014. "Pat Sajak Says People Concerned About Climate Change Are 'Unpatriotic Racists'." *Huffington Post* posting 20 May (online text at huffingtonpost.com accessed 5/22/2014).
- Gerl, Ellen J., & Molly R. Morris.** 2008. "The Causes and Consequences of Color Vision." *Evolution: Education & Outreach* **1** (October): 476-486.
- Gerlach, Terrence M., & Edward J. Graeber.** 1985. "Volatile budget of Kilauea volcano." *Nature* **313** (24 January): 273-277.
- Gerland, Ulrich, & Terence Hwa.** 2009. "Evolutionary selection between alternative modes of gene regulation." *Proceedings of the National Academy of Sciences* **106** (2 June): 8841-8846.
- Gerlt, John A., & Patricia C. Babbitt.** 2009. "Enzyme (re)design: lessons from natural evolution and computation." *Current Opinion in Chemical Biology* **13** (February): 10-18.
- Gernet, Jacques,** trans. H. M. Wright. 1959. *Daily Life in China on the Eve of the Mongol Invasion 1250-1276*. 1972 pb of 1962 English ed. Stanford, CA: Stanford University Press.
- Gernsbacher, Morton Ann, Michelle Dawson, & Laurent Motttron.** 2006. "Autism: Common, heritable, but not harmful." *Behavioral and Brain Sciences* **29** (August): 413-414.
- Gerrans, P.** 2007. "Mechanisms of madness: evolutionary psychiatry without evolutionary psychology." *Biology and Philosophy* **22** (January): 35-56.
- Gerrienne, Philippe, David L. Dilcher, Sérgio Bergamaschi, Ingrid Milagres, Egberto Pereira, & Maria Antonieta C. Rodrigues.** 2006. "An exceptional specimen of the early land plant *Cooksonia paranensis*, and a hypothesis on the life cycle of the earliest eutracheophytes." *Review of Palaeobotany and Palynology* **142** (December): 123-130.
- Gerrienne, Philippe, Patricia G. Gensel, Christine Strullu-Derrien, Hubert Lardeux, Philippe Steemans, & Cyrille Prestianni.** 2011. "A Simple Type of Wood in Two Early Devonian Plants." *Science* **333** (12 August): 837.
- Gerrienne, P., B. Meyer-Berthaud, M. Fairon-Demaret, M. Streele, & P. Steemans.** 2004. "*Runcaria*, a Middle Devonian Seed Plant Precursor." *Science* **306** (29 October): 856-858.
- Gerring, Sandra L., Forrest Spencer, & Philip Hieter.** 1990. "The *CHL1(CTF1)* gene product of *Saccharomyces cerevisiae* is important for chromosome transmission and normal cell cycle progression in G₂/M." *The EMBO Journal* **9** (December): 4347-4358.
- Gershoni, Moran, & Schmuël Pietrokovski.** 2017. "The landscape of sex-differential transcriptome and its consequent selection in human adults." *BMC Biology* (online @ biomedcentral.com) **15** (7 February): 7.
- Gershwin, Lisa-Ann.** 2001. "Systematics and Biogeography of the Jellyfish *Aurelia labiata* (Cnidaria: Scyphozoa)." *The Biological Bulletin* **201** (August): 104-119.
- Gerstang, Myles, & David E. K. Ferrier.** 2013. "Time is of the essence for ParaHox homeobox gene clustering." *BMC Biology* (online @ biomedcentral.com) **11** (27 June): 72.
- Gerstein, Mark B., Can Bruce, Joel S. Rozowsky, Deyou Zheng, Jiang Du, Jan O. Korbel, Olof Emanuelsson, Zhengdong D. Zhang, Sherman Weissman, & Michael Snyder.** 2007. "What is a gene, post-ENCODE? History and updated definition." *Genome*

Research 17 (June): 669-681.

- Gerstein, Mark B., Anshul Kundaje, Manoj Hariharan, Stephen G. Landt, Koon-Kiu Yan, Chao Cheng, Xinmeng Jasmine Mu, Ekta Khurana, Joel Rozowsky, Roger Alexander, Renqiang Min, Pedro Alves, Alexej Abyzov, Nick Addleman, Nitin Bhardwaj, Alan P. Boyle, Philip Cayting, Alexandra Charos, David Z. Chen, Yong Cheng, Declan Clarke, Catharine Eastman, Ghia Euskirchen, Seth Fretze, Yao Fu, Jason Gertz, Fabian Grubert, Arif Harmanci, Preti Jain, Maya Kasowski, Phil Lacroute, Jing Leng, Jin Lian, Hannah Monahan, Henriette O'Geen, Zhengqiang Ouyang, E. Christopher Partridge, Dorrelyn Patacsil, Florencia Pauli, Debasish Raha, Lucia Ramirez, Timothy E. Reddy, Brian Reed, Minyi Shi, Teri Slifer, Jing Wang, Linfeng Wu, Xinqiong Yang, Kevin Y. Yip, Gili Zilberman-Schapira, Serafim Batzoglou, Arend Sidow, Peggy J. Farnham, Richard M. Myers, Sherman M. Weissman, & Michael Snyder. 2012. "Architecture of the human regulatory network derived from ENCODE data." *Nature* 489 (6 September): 91-100.
- Gerstein, Mark B., Zhi John Lu, Eric L. Van Nostrand, Chao Cheng, Bradley I. Arshinoff, Tao Liu, Kevin Y. Yip, Rebecca Robilotto, Andreas Rechtsteiner, Kohta Ikegami, Pedro Alves, Aurelien Chateigner, Marc Perry, Mitzi Morris, Raymond K. Auerbach, Xin Feng, Jing Leng, Anne Vielle, Wei Niu, Kahn Rhrissorrakrai, Ashish Agarwal, Roger P. Alexander, Galt Barber, Cathleen M. Brdlik, Jennifer Brennan, Jeremy Jean Brouillet, Adrian Carr, Ming-Sin Cheung, Hiram Clawson, Sergio Contrino, Luke O. Dannenberg, Abby F. Dernburg, Arshad Desai, Lindsay Dick, Andréa C. Dosé, Jiang Du, Thea Egelhofer, Sevinc Ercan, Ghia Euskirchen, Brent Ewing, Elise A. Feingold, Reto Gassmann, Peter J. Good, Phil Green, Francois Gullier, Michelle Gutwein, Mark S. Guyer, Lukas Habegger, Ting Han, Jorja G. Henikoff, Stefan R. Henz, Angie Hinrichs, Heather Holster, Tony Hyman, A. Leo Iniguez, Judith Janette, Morten Jensen, Masaomi Kato, W. James Kent, Ellen Kephart, Vishal Khivansara, Ekta Khurana, John K. Kim, Paulina Kolasinska-Zwierz, Eric C. Lai, Isabel Latorre, Amber Leahey, Suzanna Lewis, Paul Lloyd, Lucas Lochovsky, Rebecca F. Lowdon, Yaniv Lubling, Rachel Lyne, Michael MacCoss, Sebastian D. Mackowiak, Marco Mangone, Sheldon McKay, Desirea Mecnas, Gennifer Merrihew, David M. Miller III, Andrew Muroyama, John I. Murray, Siew-Loon Ooi, Hoang Pham, Taryn Phippen, Elicia A. Preston, Nikolaus Rajewsky, Gunnar Rätsch, Heidi Rosenbaum, Joel Rozowsky, Kim Rutherford, Peter Ruzanov, Mihail Sarov, Rajkumar Sasidharan, Andrea Sboner, Paul Scheid, Eran Segal, Hyunjin Shin, Chong Shou, Frank J. Slack, Cindie Slightam, Richard Smith, William C. Spencer, E. O. Stinson, Scott Taing, Teruaki Takasaki, Dionne Vafeados, Ksenia Voronina, Guilin Wang, Nicole L. Washington, Christina M. Whittle, Beijing Wu, Koon-Kiu Yan, Georg Zeller, Zheng Zha, Mei Zhong, Xingliang Zhou, modENCODE Consortium, Julie Ahringer, Susan Strome, Kritsin C. Gunsalus, Gos Miklem, X. Shirley Liu, Valerie Reinke, Stuart K. Kim, LaDeana W. Hillier, Steven Henikoff, Fabio Piano, Michael Snyder, Lincoln Stein, Jason D. Lieb, & Robert H. Waterston. 2010. "Integrative Analysis of the *Caenorhabditis elegans* Genome by the modENCODE Project." *Science* 330 (24 December): 1775-1787.
- Gerstein, Mark B., Joel Rozowsky, Koon-Kiu Yan, Daifeng Wang, Chao Cheng, James G. Brown, Carrie A. Davis, LaDeana W. Hillier, Cristina Sisú, Jingyi Jessica Li, Baikang Pei, Arif O. Harmanci, Michael O. Duff, Sarah Djebali, Roger P. Alexander, Burak H. Alver, Raymond Auerbach, Kimberly Bell, Peter J. Bickel, Max E. Boeck, Nathan P. Boley, Benjamin W. Booth, Lucy Cherbas, Peter Cherbas, Chao Di, Alex Dobin, Jorg Drenkow, Brent Ewing, Gang Fang, Megan Fastuca, Elise A. Feingold, Adam Frankish, Guanjun Gao, Peter J. Good, Roderic Guigó, Ann Hammonds, Jen Harrow, Roger A. Hoskins, Cédric Howald, Long Hu, Haiyan Huang, Tim J. P. Hubbard, Chau Huynh, Sonali Jha, Dionna Kasper, Masaomi Kato, Thomas C. Kaufman, Robert R. Kitchen, Erik Ladewig, Julien Lagarde, Eric Lai, Jing Leng, Zhi Lu, Michael MacCoss, Gemma May, Rebecca McWhirter, Gennifer Merrihew, David M. Miller, Ali Mortazavi, Rabi Murad, Brian Oliver, Sara Olson, Peter J. Park,

- Michael J. Pazin, Norbert Perrimon, Dmitri Pervouchine, Valerie Reinke, Alexandre Reymond, Garrett Robinson, Anastasia Samsonova, Gary I. Saunders, Felix Schlesinger, Anurag Sethi, Frank J. Slack, William C. Spencer, Marcus H. Stoiber, Pnina Strasbourger, Andrea Tanzer, Owen A. Thompson, Kenneth H. Wan, Guilin Wang, Huaian Wang, Kathie L. Watkins, Jiayu Wen, Kejia Wen, Chenghai Xue, Li Yang, Kevin Yip, Chris Zaleski, Yan Zhang, Henry Zheng, Steven E. Brenner, Brenton R. Graveley, Susan E. Celniker, Thomas R. Gingeras, & Robert Waterston.** 2014. "Comparative analysis of the transcriptome across distant species." *Nature* **512** (28 August): 445-448.
- Gerstenkorn, Horst.** 1967. "On the controversy over the effect of tidal friction upon the history of the earth-moon system." *Icarus* **7** (1-3): 160-167.
- . 1969. "The earliest past of the Earth-Moon system." *Icarus* **11** (September): 189-207.
- Gerstenschlager, Burke.** 2010. "The Kids Are All Wrong: Texas Tosses the Enlightenment." *Religion Dispatches* 8 July posting (online text at religiondispatches.org accessed 12/18/2014).
- Gerth, Joseph.** 2010. "Beshear says Ark park contract will prohibit religious discrimination." *Courier-Journal* (Louisville, Kentucky) posting 9 December: online text accessed 12/31/2010 (www.courier-journal.com).
- Gervais, Ricky.** 2010. "A Holiday Message from Ricky Gervais: Why I'm An Atheist." *The Wall Street Journal Speakeasy* posting 19 December: online text accessed 12/21/2010 (blogs.wsj.com).
- Gervais, Will M.** 2011. "Finding the Faithless: Perceived Atheist Prevalence Reduces Anti-Atheist Prejudice." *Personality and Social Psychology Bulletin* **37** (April): 543-556.
- . 2015. "Override the controversy: Analytic thinking predicts endorsement of evolution." *Cognition* **142** (September): 312-321.
- Gervais, Will M., & Ara Norenzayan.** 2012. "Analytic Thinking Promotes Religious Disbelief." *Science* **336** (27 April): 493-496.
- Gerya, Taras.** 2010. "Dynamical Instability Produces Transform Faults at Mid-Ocean Ridges." *Science* **329** (27 August): 1047-1050.
- Geschwind, Daniel H., & Genevieve Konopka.** 2012. "Genes and human brain evolution." *Nature* **486** (28 June): 481-482.
- Geslain, Renaud, & Tao Pan.** 2011. "tRNA: Vast reservoir of RNA molecules with unexpected regulatory function." *Proceedings of the National Academy of Sciences* **108** (4 October): 16489-16490.
- Gess, Robert W.** 2012. "The oldest animal fossils." *South African Journal of Science* (online @ www.sajs.co.za) **108** (1/2): 18 January posting 2 pp.
- Gess, Robert W., Michael I. Coates, & Bruce S. Rubidge.** 2006. "A lamprey from the Devonian period of South Africa." *Nature* **443** (26 October): 981-984.
- Gesteland, Raymond F., Thomas C. Cech, & John F. Atkins,** eds. 1999. *The RNA World*. 2nd ed. Cary, NC: Cold Springs Harbor Laboratory Press.
- Get Christian Answers.* 2010. "Was the book of Genesis inspired by the sumerian tablets that were found?" *Get Christian Answers* 24 January posting (online text at www.getchristiananswers.com accessed 5/19/2011).
- . 2011a. "How can you take some parts of the Bible as truth and not others?" *Get Christian Answers* 16 April posting (online text at www.getchristiananswers.com accessed 5/30/2011).
- . 2011b. "Is the World Going to End in 2012? A Biblical and Christian View." *Get Christian Answers* undated posting (online text at www.getchristiananswers.com accessed 5/30/2011).
- . 2012. "Why won't God heal amputees?" *Get Christian Answers* undated posting (online text at www.getchristiananswers.com accessed 4/8/2012).
- GetEquipped.* 2001a. "Purpose Statement." *GetEquipped* undated posting (online text at www.getequipped.org accessed 3/5/2002, website not available as of 4/9/2014).
- . 2001b. "Good news and bad news regarding evolution in the PA Proposed Science

- Standards.” *GetEquipped* undated posting (online text at www.getequipped.org accessed 3/5/2002, website not available as of 4/9/2014).
- . 2001c. “Dr. David Menton Refutes Evolution.” *GetEquipped* undated posting (online text at www.getequipped.org accessed 3/5/2002, website not available as of 4/9/2014).
- GetEXPULSED*. 2008. “Take the Expelled Challenge.” *GetEXPULSED* undated posting (online text at getexpelled.com accessed 3/10/2008, not available as of 5/9/2014).
- Gettler, Lee T., Thomas W. McDade, Alan B. Feranil, & Christopher W. Kuzawa.** 2011. “Longitudinal evidence that fatherhood decreases testosterone in human males.” *Proceedings of the National Academy of Sciences* **108** (27 September): 16194-16199.
- Gettys, Travis.** 2014a. “Christian broadcaster: Ebola could cleanse US of atheists, gay people, and sluts.” *The Raw Story* 7 August posting (online text at www.rawstory.com accessed 10/1/2014).
- . 2014b. “Neo-Confederates want Mississippi voters to proclaim Christianity as official religion.” *The Raw Story* 4 November posting (online text at www.rawstory.com accessed 11/4/2014).
- . 2014c. “Parents rip mom who complained about school Bible handout: ‘You’re outnumbered here’.” *The Raw Story* 12 December posting (online text at www.rawstory.com accessed 12/12/2014).
- . 2015a. “The next right-wing folk hero? A tax-dodging creationist who thinks demons pilot UFOs.” *The Raw Story* 21 January posting (online text at www.rawstory.com accessed 1/21/2015).
- . 2015b. “Creationist rejects discovery of 2.8 million-year-old jawbone: Were scientists there?” *The Raw Story* 6 March posting (online text at www.rawstory.com accessed 6/6/2015).
- . 2015c. “Koch-backed group sending ‘real scientists’ to school Pope Francis about ‘Biblical duty’ to pollute.” *The Raw Story* 24 April posting (online text at www.rawstory.com accessed 4/24/2015).
- . 2015d. “‘Boys are curious’: Meet the Duggar defenders using religion to excuse fondling your sleeping sisters.” *The Raw Story* 22 May posting (online text at www.rawstory.com accessed 5/22/2015).
- . 2015e. “Creationist: If evolution is true, then it wasn’t wrong for Josh Duggar to molest his sisters.” *The Raw Story* 25 May posting (online text at www.rawstory.com accessed 5/25/2015).
- . 2015f. “Woman calls bullsh*t on pastor’s claims that he raised her brother from the dead during church service.” *The Raw Story* 29 May posting (online text at www.rawstory.com accessed 5/29/2015).
- . 2015g. “Activist linked to Mike Huckabee and Rand Paul calls for death to gays and their Christian supporters.” *The Raw Story* 2 July posting (online text at www.rawstory.com accessed 7/2/2015).
- . 2015h. “Gay Kentucky couple insulted and abused by county workers when they ask for a marriage license.” *The Raw Story* 8 July posting (online text at www.rawstory.com accessed 7/8/2015).
- . 2015i. “La. Gunman was a Tea Partier who hated Obama, admired Hitler and wanted women to shut up in church.” *The Raw Story* 24 July posting (online text at www.rawstory.com accessed 8/3/2015).
- . 2015j. “Ted Cruz tells pro-slavery radio host that saying ‘anchor baby’ is ‘speaking truth’ to power.” *The Raw Story* 21 August posting (online text at www.rawstory.com accessed 8/24/2015).
- . 2015k. “Carbon dating suggests ‘world’s oldest’ Koran could be older than the Prophet Muhammad.” *The Raw Story* 31 August posting (online text at www.rawstory.com accessed 8/31/2015).
- . 2015l. “Jessa Duggar sparks furious backlash after she’s booked to speak at Southern women’s event.” *The Raw Story* 31 August posting (online text at www.rawstory.com accessed 8/31/2015).
- . 2015m. “Ted Cruz caught blatantly lying about Obama to push conservative ‘war on

- cops' narrative." *The Raw Story* 2 September posting (online text at www.rawstory.com accessed 9/4/2015).
- . 2015n. "Kim Davis was overpaid as a deputy clerk, barely won a primary election—and then hired her 21-year-old son." *The Raw Story* 10 September posting (online text at www.rawstory.com accessed 9/11/2015).
- . 2015o. "Jade Helm ends with no takeover—and these 6 nutters hope forget their idiotic fear-mongering." *The Raw Story* 15 September posting (online text at www.rawstory.com accessed 9/22/2015).
- . 2015p. "'It's all bullsh*t': Rage Against the Machine's bassist is a moon landing truther who thinks ISIS is fake." *The Raw Story* 5 October posting (online text at www.rawstory.com accessed 10/5/2015).
- . 2015q. "Georgia school pays up after teacher tells first-grader his mom is 'bad' because she doesn't believe in God." *The Raw Story* 7 October posting (online text at www.rawstory.com accessed 10/7/2015).
- . 2015r. "Revealed: Anti-abortion protestor is a sex offender who raped a family member at knifepoint." *The Raw Story* 23 October posting (online text at www.rawstory.com accessed 10/23/2015).
- . 2015s. "'Rehomed' girls to appear on '20/20' to debunk Rep. Justin Harris' claims about their demonic behavior." *The Raw Story* 23 October posting (online text at www.rawstory.com accessed 10/23/2015).
- . 2015t. "Creationist pastor Ray Comfort mocks 'dumb' Hindus injured or killed by falling Ganesh statue." *The Raw Story* 26 October posting (online text at www.rawstory.com accessed 10/26/2015).
- . 2015u. "Hobby Lobby's Christian owners under federal investigation for importing looted Bible artifacts from Iraq." *The Raw Story* 27 October posting (online text at www.rawstory.com accessed 10/27/2015).
- . 2015v. "Ben Carson's wild claims about the pyramids are disputed by ancient Egyptians—and the Bible." *The Raw Story* 6 November posting (online text at www.rawstory.com accessed 11/6/2015).
- . 2015w. "Texas Christian claims she diverted tornado to another neighborhood: 'God had given us authority over the winds'." *The Raw Story* 28 December posting (online text at www.rawstory.com accessed 12/28/2015).
- . 2016a. "Idaho Republican sees no reason to require faith-healing parents to seek medical treatment for dying kids." *The Raw Story* 19 January posting (online text at www.rawstory.com accessed 1/19/2016).
- . 2016b. "This Mormon pseudo-historian is why the Oregon militants are so confused about the Constitution." *The Raw Story* 21 January posting (online text at www.rawstory.com accessed 1/26/2016).
- . 2016c. "This Hitler-loving, gay-hating Oregon judge is so unethical that he might be a criminal, state panel finds." *The Raw Story* 26 January posting (online text at www.rawstory.com accessed 1/26/2016).
- . 2016d. "Ayn Rand-loving GOP candidate: Gay marriage violates my rights—but slavery's none of my business." *The Raw Story* 22 February posting (online text at www.rawstory.com accessed 2/22/2016).
- . 2016e. "Right-wing scold Phyllis Schlafly wants baseball to look like it did in 1944: 'American players are better'." *The Raw Story* 29 February posting (online text at www.rawstory.com accessed 2/29/2016).
- . 2016f. "Inside the Moorish 'sovereign citizen' movement that motivated the Baton Rouge cop killer." *The Raw Story* 18 July posting (online text at www.rawstory.com accessed 7/22/2016).
- Getz, Wayne.** 2003. "'Evo-Devo' and the Conundrum of Sympatric Speciation." *BioScience* **53** (April): 313-314.
- Geurgas, Silvia Rodrigues, & Miguel Trefaut Rodrigues.** 2010. "The hidden diversity of *Coleodactylus amazonicus* (Sphaerodactylinae, Gekkota) revealed by molecular data." *Molecular Phylogenetics and Evolution* **54** (February): 583-593.

- Gevers, Dirk, Peter Dawyndt, Peter Vandamme, Anne Willems, Marc Vancanneyt, Jean Swings, & Paul De Vos.** 2006. "Stepping stones towards a new prokaryotic taxonomy." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (November): 1911-1916.
- Gewin, Virginia.** 2017. "Post-truth predicaments." *Nature* **541** (19 January): 425-427.
- Gewirtz, Andrew T., Peter O. Simon Jr., Clare K. Schmitt, Laura J. Taylor, Curt H. Hagedorn, Alison D. O'Brien, Andrew S. Neish, & James L. Madara.** 2001. "Salmonella typhimurium translocates flagellin across intestinal epithelia, inducing a proinflammatory response." *The Journal of Clinical Investigation* **107** (January): 99-109.
- Gey, Steven G.** 2000. "When is Religious Speech Not 'Free Speech'?" Florida State University College of Law Working Paper No. 12 (March) *Illinois Law Review* **2000** (2) article posting (online pdf at papers.ssm.com accessed 4/19/2014).
- . 2005. "The Legal Problems With Teaching Intelligent Design." Handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- Geyh, Mebus A.** 2000. "An Overview of ¹⁴C Analysis in the Study of Groundwater." *Radiocarbon* **42** (1): 99-114.
- Ghaderi, Darius, Stevan A. Springer, Fang Ma, Miriam Cohen, Patrick Secrest, Rachel E. Taylor, Ajit Varki, & Pascal Gagneux.** 2011. "Sexual selection by female immunity against paternal antigens can fix loss of function alleles." *Proceedings of the National Academy of Sciences* **108** (25 October): 17743-17748.
- Ghalambor, Cameron K., Kim L. Hoke, Emily W. Ruell, Eva K. Fischer, David N. Reznick, & Kimberly A. Hughes.** 2015. "Non-adaptive plasticity potentiates rapid adaptive evolution of gene expression in nature." *Nature* **525** (17 September): 372-375.
- Ghang, Whan, & Martin A. Nowak.** 2014. "Stochastic evolution of staying together." *Journal of Theoretical Biology* **360** (7 November): 129-136.
- Ghatak, Arundhuti, & Asish R. Basu.** 2011. "Vestiges of the Kerguelen plume in the Sylhet Traps, northeastern India." *Earth and Planetary Science Letters* **308** (1 August): 52-64.
- Ghazanfar, Asif A., Ryan J. Morill, & Christoph Kayser.** 2013. "Monkeys are perceptually tuned to facial expressions that exhibit a theta-like speech rhythm." *Proceedings of the National Academy of Sciences* **110** (29 January): 1959-1963.
- Ghazi, Arjumand, Sivan Henis-Korenblit, & Cynthia Kenyon.** 2009. "A Transcription Elongation Factor That Links Signals from the Reproductive System to Lifespan Extension in *Caenorhabditis elegans*." *PLoS Genetics* (online @ plosgenetics.org) **5** (September): e1000639.
- Ghazi, Shahid, Syed Haroon Ali, Mohammad Sahraeyan, & Tanzila Hanif.** 2015. "An overview of tectonosedimentary framework of the Salt Range, northwestern Himalayan fold and thrust belt, Pakistan." *Arabian Journal of Geoscience* **8** (March): 1635-1631.
- Gheerbrant, Emmanuel.** 2009. "Paleocene emergence of elephant relatives and the rapid radiation of African ungulates." *Proceedings of the National Academy of Sciences* **106** (30 June): 10717-10721.
- Gheerbrant, Emmanuel, Jean Sudre, & Henri Cappetta.** 1996. "A Paleocene proboscidean from Morocco." *Nature* **383** (5 September): 68-70.
- Gheerbrant, Emmanuel, Jean Sudre, Henri Cappetta, Mohamed Iarochène, Mbarek Amaghaz, & Baâdi Bouya.** 2002. "A new large mammal from the Ypresian of Morocco: Evidence of surprising diversity of early proboscideans." *Acta Palaeontologica Polonica* **47** (3): 493-506.
- Gheorghiu, Ana I., Mitchell J. Callan, & William J. Skylark.** 2017. "Facial appearance affects science communication." *Proceedings of the National Academy of Sciences* **114** (6 June): 5970-5975.
- Gherardini, Pier Federico, Mark N. Wass, Manuela Helmer-Citterich, & Michael J. E. Sternberg.** 2007. "Convergent evolution of enzyme active sites is not a rare phenomenon." *Journal of Molecular Biology* **372** (21 September): 817-845.
- Ghildiyal, Megha, Hervé Seitz, Michael D. Horwich, Chengjian Li, Tingting Du, Soohyun Lee, Jia Xu, Ellen L. W. Kittler, Maria L. Zapp, Zhiping Weng, & Phillip D. Zamore.**

2008. “Endogenous siRNAs Derived from Transposons and mRNAs in *Drosophila* Somatic Cells.” *Science* **320** (23 May): 1077-1081.
- Ghiradella, Helen T., & Michael W. Butler.** 2009. “Many variations on a few themes: a broader look at development of iridescent scales (and feathers).” *Journal of the Royal Society Interface* **6** (April): S243-S251.
- Ghiselin, Michael T.** 2009. “Natural theology, design and law.” *The Geological Society of America Memoirs* **203**: 277-283.
- Ghose, Tia.** 2011. “When Zinc Fingers Miss the Mark.” *The Scientist* posting 7 August (online text at *the-scientist.com* accessed 8/10/2011).
- . 2013. “Despite Mammoth Blood, Cloning Still Unlikely.” *Discovery News* posting 2 June (online text at *www.discovery.com* accessed 7/29/2014).
- Ghosh, A. K., & A. Bose.** 1947. “Occurrence of Microflora in the Salt Pseudomorph Beds, Salt Range, Punjab.” *Nature* **160** (6 December): 796-797.
- . 1952. “Spores and Tracheids from the Cambrian of Kashmir.” *Nature* **169** (21 June): 1056-1057.
- Ghosh, A. K., J. Sen, & A. Bose.** 1951. “Evidence bearing on the age of the Saline Series in the Salt Range of the Punjab.” *Geological Magazine* **88** (April): 129-132.
- Ghosh, Anil K., Isabelle Coppens, Henrik Gårdsvoll, Michael Ploug, & Marcelo Jacobs-Lorena.** 2011. “*Plasmodium* ookinetes coopt mammalian plasminogen to invade the mosquito midgut.” *Proceedings of the National Academy of Sciences* **108** (11 October): 17153-17158.
- Ghosh, Attreyee, & William E. Holt.** 2012. “Plate Motions and Stresses from Global Dynamic Models.” *Science* **335** (17 February): 838-843.
- Ghosh, Indraneel, & Jean Chmielewski.** 2004. “Peptide self-assembly as a model of proteins in the pre-genomic world.” *Current Opinion in Chemical Biology* **8** (December): 640-644.
- Ghosh, Palash.** 2014. “Ben Sasse Wants Nation’s Capital Moved From Washington D.C. To Nebraska: Idea Not Really So Crazy.” *International Business Times* posting 7 January: online text accessed 2/14/2014 (*www.ibtimes.com*).
- Ghosh, Shampa M., & Amitabh Joshi.** 2012. “Evolution of reproductive isolation as a by-product of divergent life-history evolution in laboratory populations of *Drosophila melanogaster*.” *Ecology and Evolution* **2** (December): 3214-3226.
- Ghosh, Sudip, Jessica Field, Rick Rogers, Mark Hickman, & John Samuelson.** 2000. “The *Entamoeba histolytica* Mitochondrion-Derived Organelle (Crypton) Contains Double-Stranded DNA and Appears To Be Bound by a Double Membrane.” *Infection and Immunity* **68** (July): 4319-4322.
- Ghoshdastider, Umesh, Shimin Jiang, David Popp, & Robert C. Robinson.** 2015. “In search of the primordial actin filament.” *Proceedings of the National Academy of Sciences* **112** (28 July): 9150-9151.
- Ghusinga, Khem Raj, John J. Dennehy, & Abhyudai Singh.** 2017. “First-passage time approach to controlling noise in the timing of intracellular events.” *Proceedings of the National Academy of Sciences* **114** (24 January): 693-698.
- Ghysen, Alain.** 2003. “The origin and evolution of the nervous system.” *International Journal of Developmental Biology* **47** (7/8): 555-562.
- Ghysen, Alain, Hironori Wada, & Christine Dambly-Chaudière.** 2014. “Patterning the Posterior Lateral Line in Teleosts: Evolution of Development,” in Bleckmann *et al.* (2014, 295-318).
- Giangreco, Adam, Esther N. Arwert, Ian R. Rosewell, Joshua Snyder, Fiona M. Watt, & Barry R. Stripp.** 2009. “Stem cells are dispensable for lung homeostasis but restore airways after injury.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9286-9291.
- Giannuzzi, Giuliana, Michele Paziienza, John Huddleston, Francesca Antonacci, Maika Malig, Laura Vives, Evan E. Eichler, & Mario Ventura.** 2013. “Hominoid fission of chromosome 14/15 and the role of segmental duplications.” *Genome Research* **23** (November): 1763-1773.

- Gianolio, Diego A., Joanna M. Segismundo, & Larry W. McLaughlin.** 2000. "Tethered naphthalene diimide-based intercalators for DNA triplex stabilization." *Nucleic Acids Research* **28** (15 May): 2128-2134.
- Gibb, Fergus G. F., & Sally A. Gibson.** 1989. "The Little Minch Sill Complex." *Scottish Journal of Geology* **25** (March): 367-370.
- Gibb, Gillian C., & Simon F. K. Hills.** 2013. "Intergenerational mutation rate does not equal long-term evolutionary substitution rate." *Proceedings of the National Academy of Sciences* **110** (19 February): E611.
- Gibbons, Ann.** 1995a. "The Mystery of Humanity's Missing Mutations." *Science* **267** (6 January): 35-36.
- . 1995b. "Old Dates for Modern Behavior." *Science* **268** (28 April): 495-496.
- . 1996a. "First Americans: Not Mammoth Hunters, But Forest Dwellers?" *Science* **272** (19 April): 346-347.
- . 1996b. "On the Many Origins of Species." *Science* **273** (13 September): 1496-1499.
- . 1996c. "The Peopling of the Americas." *Science* **274** (4 October): 31-33.
- . 1996d. "Early Birds Rise From China Fossil Beds." *Science* **274** (15 November): 1083.
- . 1996e. "*Homo erectus* in Java: A 250,000-Year Anachronism." *Science* **274** (13 December): 1841-1842.
- . 1997a. "Tracing the Identity of the First Toolmakers." *Science* **276** (4 April): 32.
- . 1997b. "Plucking the Feathered Dinosaur." *Science* **278** (14 November): 1229.
- . 1997c. "Lung Fossils Suggest Dinosaurs Breathed in Cold Blood." *Science* **278** (14 November): 1229-1230.
- . 1998. "Which of Our Genes Makes Us Human?" *Science* **281** (4 September): 1432-1434.
- . 2001a. "The Riddle of Coexistence." *Science* **291** (2 March): 1725-1729.
- . 2001b. "But Did They Mate?" *Science* **291** (2 March): 1726.
- . 2001c. "Modern Men Trace Ancestry to African Migrants." *Science* **292** (11 May): 1051-1052.
- . 2002. "In Search of the First Hominids." *Science* **295** (15 February): 1214-1219.
- . 2003a. "Java Skull Offers New View of *Homo erectus*." *Science* **299** (28 February): 1293.
- . 2003b. "Great Age Suggested for South African Hominids." *Science* **300** (25 April): 562.
- . 2003c. "A Shrunken Head for African *Homo*." *Science* **300** (9 May): 893.
- . 2003d. "A Miss for Moderns and Neandertals." *Science* **300** (9 May): 893-894.
- . 2003e. "First Modern Remains in Europe." *Science* **300** (9 May): 894.
- . 2003f. "Oldest Members of *Homo Sapiens* Discovered in Africa." *Science* **300** (13 June): 1641.
- . 2004. "Tracking the Evolutionary History of a 'Warrior' Gene." *Science* **304** (7 May): 818.
- . 2007a. "Food for Thought." *Science* **316** (15 June): 1558-1560.
- . 2007b. "A New Body of Evidence Fleshes Out *Homo erectus*." *Science* **317** (21 September): 1664.
- . 2007c. "Hominid Harems: Big Males Competed for Small Australopithecine Females." *Science* **318** (30 November): 1363.
- . 2008a. "Millennium Ancestor Gets Its Walking Papers." *Science* **319** (21 March): 1599-1601.
- . 2008b. "The Birth of Childhood." *Science* **322** (14 November): 1040-1043.
- . 2009a. "Celebrity Fossil Primate: Missing Link or Weak Link?" *Science* **324** (29 May): 1124-1125.
- . 2009b. "A New Kind of Ancestor: *Ardipithecus* Unveiled." *Science* **326** (2 October): 36-40.
- . 2009c. "What's for Dinner? Researchers Seek Our Ancestors' Answers." *Science* **326** (11 December): 1478-1479.
- . 2009d. "BREAKTHROUGH OF THE YEAR: *Ardipithecus ramidus*." *Science* **326** (18 December): 1598-1599.

- . 2010a. “Human Ancestor Caught in the Midst of a Makeover.” *Science* **328** (23 April): 413.
- . 2010b. “Close Encounters of the Prehistoric Kind.” *Science* **328** (7 May): 680-684.
- . 2010c. “Lucy’s ‘Big Brother’ Reveals New Facets of Her Species.” *Science* **328** (25 June): 1619.
- . 2010d. “Lucy’s Toolkit? Old Bones May Show Earliest Evidence of Tool Use.” *Science* **329** (13 August): 738-739.
- . 2010e. “Tracing Evolution’s Recent Footprints.” *Science* **329** (13 August): 740-742.
- . 2010f. “Neandertal Brain Growth Shows A Head Start for Moderns.” *Science* **330** (12 November): 900-901.
- . 2011a. “A New View Of the Birth of *Homo sapiens*.” *Science* **331** (28 January): 392-394.
- . 2011b. “The Species Problem.” *Science* **331** (28 January): 394.
- . 2011c. “Ancient Footprints Tell Tales of Travel.” *Science* **332** (29 April): 534-535.
- . 2011d. “Who Was *Homo habilis*—And Was It Really *Homo*?” *Science* **332** (17 June): 1370-1371.
- . 2011e. “Who Were the Denisovans?” *Science* **333** (26 August): 1084-1087.
- . 2011f. “A Denisovan Legacy in the Immune System?” *Science* **333** (26 August): 1086.
- . 2011g. “Skeletons Present an Exquisite Paleo-Puzzle.” *Science* **333** (9 September): 1370-1372.
- . 2011h. “Aboriginal Genome Shows Two-Wave Settlement of Asia.” *Science* **333** (23 September): 1689-1691.
- . 2011i. “African Data Bolster New View of Modern Human Origins.” *Science* **334** (14 October): 167.
- . 2012a. “How the Modern Body Shaped Up.” *Science* **336** (4 May): 538-539.
- . 2012b. “The Ultimate Sacrifice.” *Science* **336** (18 May): 834-837.
- . 2012c. “An Evolutionary Theory of Dentistry.” *Science* **336** (25 May): 973-975.
- . 2012d. “Genes Suggest Three Groups Peopled the New World.” *Science* **337** (13 July): 144.
- . 2012e. “A New Face Reveals Multiple Lineages Alive at the Dawn of Our Genus *Homo*.” *Science* **337** (10 August): 635.
- . 2012f. “A Crystal-Clear View of an Extinct Girl’s Genome.” *Science* **337** (31 August): 1028-1029.
- . 2012g. “Turning Back the Clock: Slowing the Pace of Prehistory.” *Science* **338** (12 October): 189-191.
- . 2013a. “How Sweet It Is: Genes Show How Bacteria Colonized Human Teeth.” *Science* **339** (22 February): 896-897.
- . 2013b. “When Early Hominins Got a Grip.” *Science* **340** (26 April): 426-427.
- . 2013c. “A Human Smile and Funny Walk for *Australopithecus sediba*.” *Science* **340** (12 April): 132-133.
- . 2013d. “Ardi’s a Hominin—But How Did She Move?” *Science* **340** (26 April): 427.
- . 2013e. “Stunning Skull Gives a Fresh Portrait of Early Humans.” *Science* **342** (18 October): 297-298.
- . 2013f. “Elusive Denisovans Sighted in Oldest Human DNA.” *Science* **342** (6 December): 1156.
- . 2014a. “Neandertals and Moderns Made Imperfect Mates.” *Science* **343** (31 January): 471-472.
- . 2014b. “Oldest *Homo sapiens* Genome Pinpoints Neandertal Input.” *Science* **343** (28 March): 1417.
- . 2014c. “New Sites Bring the Earliest Americans Out of the Shadows.” *Science* **344** (9 May): 567-568.
- . 2014d. “Three-part ancestry for Europeans.” *Science* **345** (5 September): 1106-1107.
- . 2014e. “Shedding light on skin color.” *Science* **346** (21 November): 934-936.
- . 2014f. “The thoroughly bred horse.” *Science* **346** (19 December): 1439.

- . 2015a. “Deep roots for the genus *Homo*.” *Science* **347** (6 March): 1056-1057.
- . 2015b. “Ancient DNA pinpoints Paleolithic liaison in Europe.” *Science* **348** (22 May): 847.
- . 2015c. “Revolution in human evolution.” *Science* **349** (24 July): 362-366.
- . 2015d. “Cave was lasting home to Denisovans.” *Science* **349** (18 September): 1270-1271.
- . 2015e. “Humanity’s long, lonely road.” *Science* **349** (18 September): 1270.
- . 2015f. “First modern humans in China.” *Science* **350** (16 October): 264.
- . 2015g. “Humans may have reached Chile by 18,500 years ago.” *Science* **350** (20 November): 898.
- . 2016a. “Neandertal genes linked to modern diseases.” *Science* **351** (12 February): 648-649.
- . 2016b. “Five matings for moderns, Neandertals.” *Science* **351** (18 March): 1250-1251.
- . 2016c. “Why humans are the high-energy apes.” *Science* **352** (6 May): 639.
- . 2016d. “First Polynesians launched from East Asia to settle Pacific.” *Science* **354** (7 October): 24-25.
- . 2016e. “The wanderers.” *Science* **354** (24 November): 958-961.
- . 2017a. “Close relative of Neanderals unearthed in China.” *Science* **355** (3 March): 899.
- . 2017b. “Newest member of human family is surprisingly young.” *Science* **356** (12 May): 571.
- . 2017c. “Busting myths of origins.” *Science* **356** (19 May): 678-681.
- . 2017d. “Neandertals mated early with modern humans.” *Science* **357** (7 July): 14.
- . 2017e. “The first Australians arrived early.” *Science* **357** (21 July): 238-239.
- Gibbons, James.** 2012. “Do not throw equations out with the theory bathwater.” *Proceedings of the National Academy of Sciences* **109** (6 November): E3054.
- Gibbons, John G., Alan T. Branco, Susana A. Godinho, Shoukai Yu, & Bernardo Lemos.** 2015. “Concerted copy number variation balances ribosomal DNA dosage in human and mouse genomes.” *Proceedings of the National Academy of Sciences* **112** (24 February): 2485-2490.
- Gibbs, Melissa Ann.** 2004. “Lateral Line Receptors: Where Do They Come from Developmentally and Where Is Our Research Going?” *Brain, Behavior and Evolution* **64** (3): 163-181.
- Gibbs, Melissa Ann, & R. Glenn Northcutt.** 2004. “Development of the Lateral Line System in the Shovelnose Sturgeon.” *Brain, Behavior and Evolution* **64** (2): 70-84.
- Gibbs, Richard A., & David L. Nelson.** 2003. “Primate Shadow Play.” *Science* **299** (28 February): 1331-1333.
- Gibbs, Richard A., & Jeffrey Rogers.** 2012. “*Gorilla gorilla gorilla*.” *Nature* **483** (8 March): 164-165.
- Gibbs, Sally, Mark Collard, & Bernard Wood.** 2000. “Soft-tissue characters in higher primate phylogenetics.” *Proceedings of the National Academy of Sciences* **97** (26 September): 11130-11132.
- Gibbs, Samantha J., Stuart A. Robinson, Paul R. Brown, Tom Dunkley Jones, & Jorijntje Henderiks.** 2011. “Comment on ‘Calcareous Nannoplankton Response to Surface-Water Acidification Around Oceanic Anoxic Event 1a’.” *Science* **332** (8 April): 175.
- Gibbs, W. Wayt.** 2001a. “Side Splitting.” *Scientific American* **284** (January): 24-26.
- . 2001b. “Dissident or Don Quixote?” *Scientific American* **285** (August): 30-32.
- . 2001c. “On the Termination of Species.” *Scientific American* **285** (November): 40-49.
- . 2002. “From Mouth to Mind.” *Scientific American* **287** (August): 26.
- . 2003. “The Unseen Genome: Gems among the Junk.” *Scientific American* **289** (November): 47-53.
- Gibbs, W. Wayt, & Douglas Fox.** 1999. “The False Crisis in Science Education.” *Scientific American* **281** (October): 86-93.
- Gibeaut, John.** 1999. “Evolution of a Controversy.” American Bar Association *ABA Journal* November posting (online text at www.abanet.org/journal/ accessed 1/8/2002, not available

- as of 1/18/2014).
- Giberson, Karl W.** 2008. *Saving Darwin: How to Be a Christian and Believe in Evolution*. New York: HarperOne (HarperCollins).
- . 2010a. “Are Science and Religion Compatible?” *Huffington Post* posting 8 July (online text at huffingtonpost.com accessed 7/18/2010).
- . 2010b. “How Darwin Sustains My Baptist Search for Truth.” *Huffington Post* posting 21 August (online text at huffingtonpost.com accessed 2/25/2012).
- . 2010c. “Doing Battle with Jerry Coyne’s Army of Straw Men.” *The BioLogos Forum* posting 16 September (online text at biologos.org accessed 10/29/2010).
- . 2010d. “Exposing the Straw Men of New Atheism: Part Two.” *The BioLogos Forum* posting 2 October (online text at biologos.org accessed 10/29/2010).
- . 2010e. “Exposing the Straw Men of New Atheism: Part Three.” *The BioLogos Forum* posting 8 October (online text at biologos.org accessed 10/29/2010).
- . 2010f. “Exposing the Straw Men of New Atheism: Part Four.” *The BioLogos Forum* posting 22 October (online text at biologos.org accessed 10/29/2010).
- . 2010g. “Exposing the Straw Men of New Atheism: Part Three.” *The BioLogos Forum* posting 25 October (online text at biologos.org accessed 10/29/2010).
- . 2012. *Seven Glorious Days: A Scientist Retells the Genesis Creation Story*. Brewster, MA: Paraclete Press.
- . 2013a. “Evolution’s Refusal to Die.” *Huffpost Religion* posting 20 May (online text at huffingtonpost.com accessed 6/4/2013).
- . 2013b. “Teaching Students About God and Science.” *Huffpost Religion* posting 6 June (online text at huffingtonpost.com accessed 6/15/2013).
- . 2014a. “Creationism’s Latest Trojan Horse Edges Toward Virginia Schools.” *The Daily Beast* 19 January (online text at www.thedailybeast.com accessed 2/13/2014).
- . 2014b. “My Debate With an ‘Intelligent Design’ Theorist.” *The Daily Beast* 21 April (online text at www.thedailybeast.com accessed 5/23/2014).
- . 2014c. “The Crazy Way Creationists Try To Explain Human Tails Without Evolution.” *The Daily Beast* 1 June (online text at www.thedailybeast.com accessed 6/3/2014).
- . 2015. “Creationists Take Down Another Top Professor.” *The Daily Beast* 19 July (online text at www.thedailybeast.com accessed 7/20/2015).
- . 2016. “Noah’s Ark Park Keeping Christians in the Eighteenth Century.” *Beacon Broadside* 14 July (online text at www.beaconbroadside.com accessed 7/20/2016).
- Giberson, Karl, & Kathy Frederich.** 1996. “Imposing Science on the Liberal Arts Student.” *Perspectives on Science & Christian Faith* **48** (June): 108-116.
- Giberson, Karl, & Randall J. Stephens.** 2011. “The Evangelical Rejection of Reason.” *The New York Times* posting 17 October: online text accessed 10/22/2011 (www.nytimes.com).
- Giberson, Karl, & Donald Yerxa.** 2000. “Inherit the Monkey Trial.” *Christianity Today* **44** (22 May): 50-51.
- Gibney, Elizabeth.** 2015. “Age of the neutrino.” *Nature* **524** (13 August): 148-149.
- . 2016a. “Google AI algorithm masters ancient game of Go.” *Nature* **529** (28 January): 445-446.
- . 2016b. “Neutrino clue to Universe riddle.” *Nature* **536** (18 August): 261-262.
- Gibson, Daniel G., John I. Glass, Carole Latigue, Vladimir N. Noskov, Ray-Yuan Chuang, Mikkil A. Algire, Gwynedd A. Benders, Michael G. Montague, Li May, Monzia M. Moodie, Chuck Merryman, Sanjay Vashee, Radha Krishnakumar, Nacyra Assad-Garcia, Cynthia Andrews-Pfannkoch, Evgeniya A. Denisova, Lei Young, Zhi-Qing Qi, Thomas H. Segall-Shapiro, Christopher H. Calvey, Prashanth P. Parmar, Clyde A. Hutchison III, Hamilton O. Smith, & J. Craig Venter.** 2010. “Creation of a Bacterial Cell Controlled by a Chemically Synthesized Genome.” *Science* **328** (2 July): 52-56.
- Gibson, David.** 2009. “Queen Sarah? Palin Takes a Page From the Book of Esther.” *Politics Daily* posting 9 July (online text at www.politicaldaily.com accessed 3/22/2011).
- Gibson, Everett K. Jr., David S. McKay, Kathie Thomas-Keppta, & Christopher S. Romanek.** 1997. “The Case for Relic Life on Mars.” *Scientific American* **277** (December): 58-65.

- Gibson, Greg.** 1999. "Insect evolution: Redesigning the fruitfly." *Current Biology* **9** (11 February): R86-R89.
- Gibson, Hutton.** 2003. "THE ENEMY IS STILL HERE! A Reorganized Synthesis of The War Is Now!" *Alliance for Catholic Tradition* posting (online pdf at www.huttongibson.com accessed 4/5/2013).
- Gibson, John.** 2005. "Kansas Debates Evolution: Stephen C. Meyer, Eugenie Scott." Fox News *The Big Story with John Gibson* (6 May) "Evolution vs. God in the Classroom" interview transcript reprinted at *Discovery Institute News* (online text at discovery.org accessed 5/10/2005).
- Gibson, Jon L.** 1999. *Poverty Point: A Terminal Archaic Culture of the Lower Mississippi Valley*. 2nd rev. ed. Baton Rouge, LA: Louisiana Archaeological Survey and Antiquities Commission (Department of Culture, Recreation and Tourism).
- Gibson, L. James.** 1992. "A Creationist Book for Public Schools." *Geoscience Research Institute Origins* **19** (1): 41-43.
- . 1993. "Did Life Begin in an 'RNA World'?" *Geoscience Research Institute Origins* **20** (1): 45-52.
- . 1998a. "Historical Biogeography of South America, Part I." *Geoscience Research Institute Geoscience Reports* (Spring): 1-5.
- . 1998b. "Historical Biogeography of South America, Part II." *Geoscience Research Institute Geoscience Reports* (Fall): 1-5.
- . 2006. "Issues in 'Intermediate' Models of Origins." *The Foundation for Adventist Education* posting from 3rd Symposium on the Bible and Adventist Scholarship (Mexico) 19-25 March (online pdf at fae.adventist.org accessed 6/20/2013).
- Gibson, Luke, Antony J. Lynam, Corey J. A. Bradshaw, Fangliang He, David P. Bickford, David S. Woodruff, Sara Bumrungsri, & William F. Laurance.** 2013. "Near-Complete Extinction of Native Small Mammal Fauna 25 Years After Forest Fragmentation." *Science* **341** (27 September): 1508-1510.
- Gibson, Megan.** 2014. "Colbert Tweet Draws Accusations of Racism and #CancelColbert." *Time* posting 28 March: online text accessed 6/3/2014 (time.com).
- Gibson, Paul, John R. Baumgardner, Wesley H. Brewer, & John C. Sanford.** 2013. "Can Purifying Selection Preserve Biological Information?" in Marks *et al.* (2013a, 232-263).
- Gibson, Rebecca.** 2000. "Faster Than Most People Would Think Possible, Beauty Was Born from Devastation." *Answers in Genesis Creation* (September) article posting (online text at www.answersingenesis.org accessed 2/22/2014).
- Gibson, Robin.** 2013. "Ball State to 'Acquire the Fire' this weekend." *Star-Press* (Muncie, Indiana) 2 April posting (online text at www.thestarpress.com accessed 10/18/2013).
- Gibson, Sam.** 2001. "Contradictions in the Bible." *Cygnus' Study Debunking the Bible* posting (online text at www.cygnus-study.com accessed 1/8/2002, only shorter 30 December 1997 version available at www.cygnus6.tripod.com as of 10/27/2014).
- Gibson, Thomas C., & Donald M. Waller.** 2009. "Evolving Darwin's 'most wonderful' plant: ecological steps to a snap-trap." *New Phytologist* **183** (August): 575-587.
- Gibson, Todd A., & Debra S. Goldberg.** 2009. "Questioning the Ubiquity of Neofunctionalization." *PLoS Computational Biology* (online @ ploscompbiol.org) **5** (January): e1000252.
- Gibson-Brown, Jeremy J., Sergei I. Agulnik, Lee M. Silver, Lee Niswander, & Virginia E. Papaloannou.** 1998. "Involvement of T-box genes *Tbx2-Tbx5* in vertebrate limb specification and development." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **125** (1 July): 2499-2509.
- Giem, Paul.** 1997. "Carbon-14 Dating Models and Experimental Implications." *Geoscience Research Institute Origins* **24** (2): 50-64.
- Giertych, Maciej.** 1995. "Professor of genetics says 'No!' to evolution." *Answers in Genesis Creation* **17** (June): 46-48.
- . 1999. "Foreword" to *Creation Rediscovered* by Gerald J. Keane. *Theotokos* posting (online text at www.theotokos.org.uk accessed 4/5/2013).

- . 2006. “Creationism, evolution: nothing has been proved.” *Nature* **444** (16 November): 265.
- . 2007. “Teaching on evolution in European Schools.” Presentation to European Parliament (online pdf at www.zillmer.com accessed 4/5/2013).
- Gifalli-Iughetti, Cristiani, & Célia P. Koiffmann.** 2009. “Synteny of human chromosomes 14 and 15 in the platyrrhines (Primates, *Platyrrhini*.)” *Genetics and Molecular Biology* (AKA *Brazilian Journal of Genetics*, online @ scielo.br) **32** (4): 786-791.
- Gignaux, Christopher R., Brenna M. Henn, & Joanna L. Mountain.** 2011. “Rapid, global demographic expansion after the origins of agriculture.” *Proceedings of the National Academy of Sciences* **108** (12 April): 6044-6049.
- Giguère, Gyslain, & Bradley C. Love.** 2013. “Limits in decision making arise from limits in memory retrieval.” *Proceedings of the National Academy of Sciences* **110** (7 May): 7613-7618.
- Gil, Rosario, Francisco J. Silva, Evelyn Zientz, François Delmotte, Fernando González-Candelas, Amparo Latorre, Carolina Rausell, Judith Kamerbeek, Jürgen Gadau, Bert Hölldobler, Roeland C. H. J. van Ham, Roy Gross, & Andrés Moya.** 2003. “The genome sequence of *Blochmannia floridanus*: Comparative analysis of reduced genomes.” *Proceedings of the National Academy of Sciences* **100** (5 August): 9388-9393.
- Gilad, Yoav, Orna Man, Svante Pääbo, & Doron Lancet.** 2003. “Human specific loss of olfactory receptor genes.” *Proceedings of the National Academy of Sciences* **100** (28 February): 3324-3327.
- Gilad, Yoav, Alicia Oshlack, Gordon K. Smyth, Terence P. Speed, & Kevin P. White.** 2006. “Expression profiling in primates reveals a rapid evolution of human transcription factors.” *Nature* **440** (9 March): 242-245.
- Gilad, Yoav, Victor Wiebe, Molly Przeworski, Doron Lancet, & Svante Pääbo.** 2004. “Loss of Olfactory Receptor Genes Coincides with the Acquisition of Full Trichromatic Vision in Primates.” *PLoS Biology* (online @ plosbiology.org) **2** (January): e5.
- . 2007. “Correction: Loss of Olfactory Receptor Genes Coincides with the Acquisition of Full Trichromatic Vision in Primates.” *PLoS Biology* (online @ plosbiology.org) **5** (June): e148.
- Gilbert, Aubrey L., Terry Regier, Paul Kay, & Richard B. Ivry.** 2006. “Whorf hypothesis is supported in the right visual field but not the left.” *Proceedings of the National Academy of Sciences* **103** (10 January): 489-494.
- Gilbert, Charles D.** 1998. “Adult Cortical Dynamics.” *Physiological Reviews* **78** (April): 467-485.
- Gilbert, Charles D., Aniruddha Das, Minami Ito, Mitesh Kapadia, & Gerald Westheimer.** 1996. “Spatial integration and cortical dynamics.” *Proceedings of the National Academy of Sciences* **93** (23 January): 615-622.
- Gilbert, Christopher C., Faysal Bibi, Andrew Hill, & Mark J. Beech.** 2014. “Early guenon from the late Miocene Baynunah Formation, Abu Dhabi, with implications for cercopithecoid biogeography and evolution.” *Proceedings of the National Academy of Sciences* **111** (15 July): 10119-10124.
- Gilbert, Christopher C., Christine M. Steininger, Job M. Kibil, & Lee R. Berger.** 2015. “*Papio* Cranium from the Hominin-Bearing Site of Malapa: Implications for the Evolution of Modern Baboon Cranial Morphology and South African Plio-Pleistocene Biochronology.” *PLoS ONE* (online @ plosone.org) **10** (August): e0133361.
- Gilbert, Daniel T.** 1991. “How Mental Systems Believe.” *American Psychologist* **46** (February): 107-119.
- Gilbert, Daniel T., Matthew A. Killingsworth, Rebecca N. Eyre, & Timothy D. Wilson.** 2009. “The Surprising Power of Neighborly Advice.” *Science* **323** (20 March): 1617-1619.
- Gilbert, Daniel T., Gary King, Stephen Pettigrew, & Timothy D. Wilson.** 2016. “Comment on ‘Estimating the reproducibility of psychological science’.” *Science* **351** (4 March): 1037.
- Gilbert, Daniel T., Douglas S. Krull, & Patrick S. Malone.** 1990. “Unbelieving the

- Unbelievable: Some Problems in the Rejection of False Information.” *Journal of Personality and Social Psychology* **59** (October): 601-613.
- Gilbert, Daniel T., & Timothy D. Wilson.** 2009. “Why the brain talks to itself: sources of error in emotional prediction.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 May): 1335-1341.
- Gilbert, Harry J.** 2007. “Cellulosomes: microbial nanomachines that display plasticity in quaternary structure.” *Molecular Microbiology* **63** (March): 1568-1576.
- Gilbert, Hersh J., Anne F. Sheehan, Douglas A. Wiens, Kenneth G. Dueker, LeRoy M. Dorman, John Hildebrand, & Spahr Webb.** 2001. “Upper mantle discontinuity structure in the region of the Tonga Subduction Zone.” *Geophysical Research Letters* **28** (1 May): 1855-1858.
- Gilbert, M. Thomas P., Hans-Jürgen Bandelt, Michael Hofreiter, & Ian Barnes.** 2005. “Assessing ancient DNA studies.” *Trends in Ecology & Evolution* **20** (October): 541-544.
- Gilbert, M. Thomas P., Dennis L. Jenkins, Anders Götherstrom, Nuria Naveran, Juan J. Sanchez, Michael Hofreiter, Philip Francis Thomsen, Jonas Binladen, Thomas F. G. Higham, Robert M. Yohe II, Robert Parr, Linda Scott Cummings, & Eske Willerslev.** 2008. “DNA from Pre-Clovis Human Coprolites in Oregon, North America.” *Science* **320** (9 May): 786-789.
- Gilbert, M. Thomas P., Dennis L. Jenkins, Thomas F. G. Higham, Morten Rasmussen, Helena Malmström, Emma M. Svensson, Juan J. Sanchez, , Linda Scott Cummings, Robert M. Yohe II, Michael Hofreiter, Anders Götherstrom, & Eske Willerslev.** 2009. “Response to Comment by Poinar *et al.* on ‘DNA from Pre-Clovis Human Coprolites in Oregon, North America’.” *Science* **325** (10 July): 148.
- Gilbert, M. Thomas P., Toomas Kivisild, Bjarne Grønnow, Pernille K. Andersen, Ene Metspalu, Maere Reidla, Erika Tamm, Erik Axelsson, Anders Götherström, Paula F. Campos, Morten Rasmussen, Mait Metspalu, Thomas F. G. Higham, Jean-Luc Schwenninger, Roger Nathan, Cees-Jan De Hoog, Anders Koch, Lone Nukaaraq Møller, Claus Andreasen, Morten Meldgaard, Richard Villems, Christian Bendixen, & Eske Willerslev.** 2008. “Paleo-Eskimo mtDNA Genome Reveals Matrilineal Discontinuity in Greenland.” *Science* **320** (27 June): 1787-1789.
- Gilbert, Owen Michael.** 2015. “Microscale kin discrimination in a famous soil bacterium.” *Proceedings of the National Academy of Sciences* **112** (10 November): 13757-13758.
- Gilbert, Scott F.** 2000. “Diachronic biology meets Evo-Devo: C. H. Waddington’s Approach to Evolutionary Developmental Biology.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 729-737.
- . 2003. “The morphogenesis of evolutionary developmental biology.” *International Journal of Developmental Biology* **47** (7/8): 467-477.
- . 2005. “Opening Darwin’s black box: teaching evolution through developmental genetics.” *Nature Reviews Genetics* **4** (September): 735-741.
- . 2006. *Developmental Biology*. 8th ed. Sunderland, MA: Sinauer Associates, Inc.
- Gilbert, Scott F., & Jessica A. Bolker.** 2001. “Homologies of Process and Modular Elements of Embryonic Construction.” *Journal of Experimental Zoology* **291** (15/30 April): 1-12.
- Gilbert, Scott F., Grace A. Loreda, Alla Brukman, & Ann C. Burke.** 2001. “Morphogenesis of the turtle shell: the development of a novel structure in tetrapod evolution.” *Evolution & Development* **3** (March): 47-58.
- Gilbert, Scott F., John M. Opitz, & Rudolf A. Raff.** 1996. “Resynthesizing Evolutionary and Developmental Biology.” *Developmental Biology* **173** (1 February): 357-372.
- Gilbert, Walter, Sandro J. de Souza, & Manyuan Long.** 1997. “Origin of Genes.” *Proceedings of the National Academy of Sciences* **94** (22 July): 7698-7703.
- Gilchrist, George W.** 1997. “The Elusive Scientific Basis of Intelligent Design Theory.” *Reports of the National Center for Science Education* **17** (May-June): 14-15.
- Gilder, George.** 2004. “Biocosm.” *Wired* October issue (online text at *wired.com* accessed 1/4/2013).
- . 2006. “Evolution and Me: The Darwinian Theory Has Become an All-Purpose Obstacle

- to Thought Rather than an Enabler of Scientific Advance.” Discovery Institute *Evolution News & Views* posting of *National Review* 17 July article (online text at *evolutionnews.org* accessed 4/11/2014).
- Gilder, Josh.** 2001a. “There is no religious bias in the PBS Evolution Project because Ken Miller says there isn’t.” *Access Research Network* 19 September posting (online text at *www.arn.org* accessed 9/27/2001).
- . 2001b. “PBS’ ‘Evolution’ series is propaganda, not science.” *WorldNetDaily* (24 September): online text accessed 1/24/2014 (*wnd.com*).
- Gildin, Gary S.** 2006. “The Sanctity of Religious Liberty of Minority Faiths Under State Constitutions: Three Hypotheses.” *University of Maryland Law Journal of Race, Religion, Gender and Class* 6 (1): 21-50.
- Giles, Cynthia.** 1992. *The Tarot: History, Mystery and Lore*. New York: Paragon House.
- Giles, James.** 2010. “Naked Love: The Evolution of Human Hairlessness.” *Biological Theory* 5 (December): 326-336.
- Giles, Jim.** 2003. “The man they love to hate.” *Nature* 423 (15 May): 216-218.
- . 2010. “Unleashing a lie.” *New Scientist* (21 May): online text accessed 5/26/2010 (*newscientist.com*).
- Giles, Sam, Matt Friedman, & Martin D. Brazeau.** 2015. “Osteichthyan-like cranial conditions in an Early Devonian stem gnathostome.” *Nature* 520 (2 April): 82-85.
- Gilestro, Giorgio F., Giulio Tononi, & Chiara Cirelli.** 2009. “Widespread Changes in Synaptic Markers as a Function of Sleep and Wakefulness in *Drosophila*.” *Science* 324 (3 April): 109-112.
- Gilfillan, Geoffrey, Jessica Vitale, John Weldom McNutt, & Karen McComb.** 2016. “Cross-modal individual recognition in wild African lions.” *Royal Society Biology Letters* 12 (August): 20160323.
- Gilgamesh, Horus.** 2013. *Awkward Moments (Not Found In your Average) Children’s Bible—Volume #1*. Awkward Moments.
- . 2014. “Death Threats from Christians.” *Awkward Moments* undated posting (online text at *www.awkwardmomentsbible.com* accessed 8/24/2014).
- Gilgoff, Dan.** 2007. *The Jesus Machine: How James Dobson, Focus on the Family, and Evangelical America Are Winning the Culture War*. New York: St. Martin’s Press.
- Gili, Josep-Maria, Wolf E. Arntz, Albert Palanques, Covadonga Orejas, Andrew Clarke, Paul K. Dayton, Enrique Isla, Nuria Teixidó, Sergio Rossi, & Pablo J. López-González.** 2006. “A unique assemblage of epibenthic sessile suspension feeders with archaic features in the high-Antarctic.” *Deep Sea Research Part II: Topical Studies in Oceanography* 53 (April-May): 1029-1052.
- Gilkey, Langdon.** 1985. *Creationism on Trial: Evolution and God at Little Rock*. Minneapolis, MN: Winston Press, Inc.
- Gill, Benjamin C., Timothy W. Lyons, Seth A. Young, Lee R. Kump, Andrew H. Knoll, & Matthew R. Saltzman.** 2011. “Geochemical evidence for widespread euxinia in the Later Cambrian ocean.” *Nature* 469 (6 January): 80-83.
- Gill, Jacquelyn L., Jessica L. Blois, Simon Goring, Jennifer R. Marlon, Patrick J. Bartlein, Kathleen Nicoll, Andrew C. Scott, & Cathy Whitlock.** 2012. “Paleoecological changes at Lake Cuitzeo were not consistent with an extraterrestrial impact.” *Proceedings of the National Academy of Sciences* 109 (21 August): E2243.
- Gill, Jacquelyn L., John W. Williams, Stephen T. Jackson, Katherine B. Lininger, & Guy S. Robinson.** 2009. “Pleistocene Megafaunal Collapse, Novel Plant Communities, and Enhanced Fire Regimes in North America.” *Science* 326 (20 November): 1100-1103.
- Gill, Pamela G., Mark A. Purnell, Nick Crumpton, Kate Robson Brown, Neil J. Gosling, M. Stampanoni, & Emily J. Rayfield.** 2014. “Dietary specializations and diversity in feeding ecology of the earliest stem mammals.” *Nature* 512 (21 August): 303-305.
- Gill, Robin.** 2010. *Igneous Rocks and Processes: A Practical Guide*. Oxford: Wiley-Blackwell.
- Gill, Steven, R., Mihai Pop, Robert T. DeBoy, Paul B. Eckburg, Peter J. Turnbaugh, Buck S. Samuel, Jeffrey I. Gordon, David A. Relman, Claire M. Fraser-Liggett, & Karen E.**

- Nelson.** 2006. “Metagenomic Analysis of the Human Distal Gut Microbiome.” *Science* **312** (2 June): 1355-1359.
- Gill, Victoria.** 2011. “Fossil ‘is first pregnant lizard’.” *BBC News* posting 21 July; online text accessed 3/18/2016 (news.bbc.co.uk).
- Gillen, Alan.** 2007a. “Microbes by Design.” *Answers in Genesis* 29 May 2015 posting of *The Genesis of Germs* Chapter 1 Section 1 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007b. “Bacterial Flagella—Icon of the Intelligent Design Movement.” *Answers in Genesis* 19 June 2015 posting of *The Genesis of Germs* Chapter 1 Section 2 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007c. “Microbes by Design, Example 2, *Serratia marcescens*.” *Answers in Genesis* 26 June 2015 posting of *The Genesis of Germs* Chapter 1 Section 3 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007d. “Is Antibiotic Resistance Proof of Evolution?” *Answers in Genesis* 3 July 2015 posting of *The Genesis of Germs* Chapter 1 Section 4 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007e. “Magnificent Microbes.” *Answers in Genesis* 10 July 2015 posting of *The Genesis of Germs* Chapter 2 Section 1 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007f. “Bacteria Structure.” *Answers in Genesis* 17 July 2015 posting of *The Genesis of Germs* Chapter 2 Section 2 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007g. “Bacterial Survival and Growth.” *Answers in Genesis* 24 July 2015 posting of *The Genesis of Germs* Chapter 2 Section 3 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007h. “Bacteria in a Fallen World.” *Answers in Genesis* 1 August 2015 posting of *The Genesis of Germs* Chapter 3 Section 1 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007i. “Life’s Extremists: An Introduction to Archaea.” *Answers in Genesis* 7 August 2015 posting of *The Genesis of Germs* Chapter 3 Section 2 (online text at answersingenesis.org accessed 8/15/2015).
- . 2007j. “Beneficial Aspects of Bacteria.” *Answers in Genesis* 14 August 2015 posting of *The Genesis of Germs* Chapter 3 Section 3 (online text at answersingenesis.org accessed 8/15/2015).
- Gillen, Alan, & Rebekah Gibbs.** 2011. “*Serratia marcescens*: The Miracle Macillus.” *Answers in Genesis* 20 July posting (online text at answersingenesis.org accessed 8/15/2015).
- Gillen, Alan I., & Frank J. Sherwin III.** 2008. “Louis Pasteur’s Views on Creation, Evolution, and the Genesis of Germs.” *Answers in Genesis Research Journal* **1**: 43-52.
- . 2013. “The Genesis of Malaria: The Origin of Mosquitos and Their Protistan Cargo, *Plasmodium falciparum*.” *Answers in Genesis* article for 19 June (online text at www.answersingenesis.org accessed 8/5/2016).
- Gillen, Patrick T.** 2010. “Intelligent Design and the Constitution: The Truth Will Set Us Free.” *University of St. Thomas Journal of Law & Public Policy* **4** (1): 1-29.
- Giller, Megan.** 2016. “Cults, conspiracies and the utterly bizarre history of Sleepytime tea.” *The Raw Story* 12 February reposting of *Van Winkle’s* article (online text at www.rawstory.com accessed 2/14/2016).
- Gillespie, Emily, & Kathleen Kron.** 2010. “Molecular phylogenetic relationships and a revised classification of the subfamily Ericoideae (Ericaceae).” *Molecular Phylogenetics and Evolution* **56** (July): 343-354.
- Gillespie, Neal C.** 1979. *Charles Darwin and the Problem of Creation*. Chicago: University of Chicago Press.
- Gillespie, Richard, Aaron B. Camens, Trevor H. Worthy, Nicolas J. Rawlence, Craig Reid, Fiona Bertuch, Vladimir Levchenko, & Alan Cooper.** 2012. “Man and megafauna in Tasmania: closing the gap.” *Quaternary Science Reviews* **37** (22 March): 38-47.
- Gillespie, Rosemary G.** 2004. “Community Assembly Through Adaptive Radiation in Hawaiian

- Spiders.” *Science* **303** (16 January): 356-359.
- . 2005a. “The Ecology and Evolution of Hawaiian Spider Communities.” *American Scientist* **93** (March-April): 122-131.
- . 2005b. “Geographic context of speciation in a radiation of Hawaiian *Tetragnatha* spiders (Araneae, Tetragnathidae).” *The Journal of Arachnology* **33** (August): 313-322.
- Gillespie, Rosemary G., Elin M. Claridge, & Sara L. Goodacre.** 2008. “Biogeography of the fauna of French Polynesia: diversification within and between a series of hot spot archipelagos.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 October): 3335-3346.
- Gillespie, Rosemary G., Henrietta B. Croom, & Stephen R. Palumbi.** 1994. “Multiple origins of a spider radiation in Hawaii.” *Proceedings of the National Academy of Sciences* **91** (15 March): 2290-2294.
- Gillespie, Rosemary G., & George K. Roderick.** 2014. “Geology and climate drive diversification.” *Nature* **509** (15 May): 297-298.
- Gillespie, Spike.** 2003. “A battle over books in Texas.” *Christian Science Monitor* posting reprised at *FreedomWorks* 4 November (online text at www.freedomworks.org accessed 4/27/2011).
- Gillespie, William H., Gar W. Rothwell, & Stephen E. Scheckler.** 1981. “The earliest seeds.” *Nature* **293** (8 October): 462-464.
- Gillett, Grant.** 2003. “Cognitive structure, logic, and language.” *Behavioral and Brain Sciences* **26** (3): 292-293.
- Gillette, David D.,** ed. 1999. *Vertebrate Paleontology in Utah*. Miscellaneous Publication 99-1. Salt Lake City, UT: Utah Geological Survey.
- Gilley, Larry.** 2011. “Electricity Breakthrough – see shocking video.” *Townhall Daily* for 1 November (online text via townhall.com accessed 11/1/2011).
- Gillings, Michael R.** 2012. “How Evolution Generates Complexity Without Design: Language as an Instructional Metaphor.” *Evolution* **66** (March): 617-622.
- Gillis, Anna Maria.** 1994. “Keeping creationism out of the classroom.” *BioScience* **44** (November): 650-656.
- Gillis, Clive.** 2003. “Galileo, The Roman Inquisition and the Mass: The Historical Puzzle.” *European Institute of Protestant Studies* 9 June posting (online text at www.ianpaisley.org accessed 8/18/2011).
- Gillis, J. Andrew, Randall D. Dahn, & Neil H. Shubin.** 2009. “Shared developmental mechanisms pattern the vertebrate gill arch and paired fin skeletons.” *Proceedings of the National Academy of Sciences* **106** (7 April): 5720-5724.
- Gillis, J. Andrew, Jens H. Fritzenwanker, & Christopher J. Lowe.** 2012. “A stem-deuterostome origin of the vertebrate pharyngeal transcriptional network.” *Proceedings of the Royal Society of London B* (Biological Sciences) **271** (22 January): 237-246.
- Gillis, J. Andrew, & Brian K. Hall.** 2016. “A shared role for sonic hedgehog signalling in patterning chondrichthyan gill arch appendages and tetrapod limbs.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **149** (15 April): 1313-1317.
- Gillis, J. Andrew, Melinda S. Modrell, R. Glenn Northcutt, Kenneth C. Catania, & Clare V. H. Baker.** 2012. “Electrosensory ampullary organs are derived from lateral line placodes in cartilaginous fishes.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **139** (25 July): 3142-3146.
- Gillis, J. Andrew, Kate A. Rawlinson, Justin Bell, Warrick S. Lyon, Clare V. H. Baker, & Neil H. Shubin.** 2011. “Holocephalan embryos provide evidence for gill arch appendage reduction and opercular evolution in cartilaginous fishes.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1507-1512.
- Gillis, William J., Bruce A. Bowerman, & Stephan Q. Schneider.** 2007. “Ectoderm- and endomesoderm-specific GATA transcription factors in the marine annelid *Platynereis dumerilli*.” *Evolution & Development* **9** (January-February): 39-50.
- Gillis, William Q., Bruce A. Bowerman, & Stephan Q. Schneider.** 2008. “The evolution of protostome GATA factors: Molecular phylogenetics, synteny, and intron/exon structure

- reveal orthologous relationships.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (15 April): 112.
- Gillis, William Q., John St. John, Bruce Bowerman, & Stephan Q. Schneider.** 2009. “Whole genome duplications and expansion of the vertebrate GATA transcription factor gene family.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (20 August): 207.
- Gillman, Len N., D. Jeanette Keeling, Howard A. Ross, & Shane D. Wright.** 2009. “Latitude, elevation and the tempo of molecular evolution in mammals.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 September): 3353-3359.
- Gillmore, Ken.** 2013a. “20 scientific facts seldom taught to students’: A critical examination of John Collyer’s list of ‘difficulties’ for evolution.” *BEREA Bible Evidence, Resources, Exegesis & Apologetics* 3 November updated posting (online text at berea-portal.com accessed 4/18/2015).
- . 2013b. “20 scientific facts seldom taught to students’ critically reviewed #7 Part-formed eyes and evolving.” *Evolutionary Creationism: A Christadelphian Perspective* 11 November posting (online text at christadelphianevolution.blogspot.com accessed 4/18/2015).
- . 2014. “20 scientific facts seldom taught to students’ critically reviewed #18.” *The Bible Prophecy Channel* 11 November posting (online text at bibleprophecychannel.blogspot.com accessed 4/18/2015).
- Gillon, Michaël, Emmanuël Jehin, Susan M. Lederer, Laetitia Delrez, Julien de Wit, Artem Burdanov, Valérie Van Grootel, Adam J. Burgasser, Amaury H. M. J. Triaud, Cyrielle Opitom, Brice-Olivier Demory, Devendra K. Sahu, Daniella Bardalez Gagliuffi, Pierre Magain, & Didier Queloz.** 2016. “Temperate Earth-sized planets transiting a nearby ultracool dwarf star.” *Nature* **533** (12 May): 221-224.
- Gillon, Michaël, Amaury H. M. J. Triaud, Brice Olivier Demory, Emmanuël Jehin, Eric Agol, Katherine M. Deck, Susan M. Lederer, Julien de Wit, Artem Burdanov, James G. Ingalls, Emeline Bolmont, Jeremy Leconte, Sean N. Raymond, Franck Selsis, Martin Turbet, Khalid Barkaoui, Adam Burgasser, Matthew R. Burleigh, Sean J. Carey, Aleksander Chaushev, Chris M. Copperwheat, Laetitia Delrez, Catarina S. Fernandes, Daniel L. Holdsworth, Enrico J. Kotze, Valérie Van Grootel, Yaseen Almleaky, Zouhair Benkhaldoun, Pierre Magain, & Didier Queloz.** 2017. “Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1.” *Nature* **542** (23 February): 456-460.
- Gillooly, James F., James H. Brown, Geoffrey B. West, Van M. Savage, & Eric L. Charnov.** 2001. “Effects of Size and Temperature on Metabolic Rate.” *Science* **293** (21 September): 2248-2251.
- Gilman, R. Tucker, Scott L. Nuismer, & Dwueng-Chwuan Jhwueng.** 2012. “Coevolution in multidimensional trait space favours escape from parasites and pathogens.” *Nature* **483** (15 March): 328-330.
- Gilman, Sarah R., Ivan Iossifov, Dan Levy, Michael Ronemus, Michael Wigler, & Dennis Vitkup.** 2011. “Rare De Novo Variants Associated with Autism Implicate a Large Functional Network of Genes Involved in Formation and Function of Synapses.” *Neuron* **70** (9 June): 898-907.
- Gilman, Sharon Larimer, & Florence Eliza Glaze.** 2005. “‘How Science Survived’—Medieval Manuscripts as Fossils.” *Science* **307** (25 February): 1208-1209.
- Gilmore, Robert, & Christophe Letellier.** 2007. *The Symmetry of Chaos*. Oxford: Oxford University Press.
- Gilmour, Jamie.** 2002. “The Solar System’s First Clocks.” *Science* **310** (6 September): 1658-1659.
- Gilmour, Keith.** 2012. “The Centre For Unintelligent Design.” Posting updated 21 February (online text at centreforunintelligentdesign.yolasite.com accessed 3/2/2012).
- Gilpin, William, Marcus W. Feldman, & Kenichi Aoki.** 2016. “An ecocultural model predicts Neanderthal extinction through competition with modern humans.” *Proceedings of the National Academy of Sciences* **113** (23 February): 2134-2139.

- Gilsinan, Kathy.** 2016. “Big in Europe: The Church of the Flying Spaghetti Monster.” *The Atlantic* posting November: online text accessed 12/13/2016 (theatlantic.com).
- Gilson, David.** 2003. “Michael Savage’s long, strange trip.” *Salon.com* 5 March (online text at salon.com accessed 3/1/2004).
- . 2014. “The NRA’s Murder Mystery.” *Mother Jones* July posting (online text at motherjones.com accessed 7/30/2014).
- Gilson, Paul R., & Geoffrey I. McFadden.** 2001. “A grin without a cat.” *Nature* **410** (26 April): 1040-1041.
- Gilson, Thomas A.** 2008. “The Latest Face of Creationism in the Classroom.” *Thinking Christian* posting 16 December (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009a. “Creationism and ID: Definition or Rhetoric?” *Thinking Christian* posting 3 February (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009b. “Opponents, Not Enemies.” *Thinking Christian* posting 22 February (online text at thinkingchristian.net accessed 3/23/2009).
- . 2009c. “Maybe They Really Can’t Tell the Difference.” *Thinking Christian* posting 11 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009d. “Questions For Those Who Believe ID Is Creationism.” *Thinking Christian* posting 13 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009e. “ID and Creationism: Learning As I Go.” *Thinking Christian* posting 14 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009f. “‘ID Creationism:’ The Communication Question.” *Thinking Christian* posting 16 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009g. “Who Defines ID?” *Thinking Christian* posting 16 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2009h. “Concluding Unscientific Postscript.” *Thinking Christian* posting 19 October (online text at thinkingchristian.net accessed 2/27/2013).
- . 2010. “64 Responses to ‘An Open Letter to the Apologetics Community.’” *Thinking Christian* posting 15 July (online text at thinkingchristian.net accessed 7/23/2010).
- . 2011a. “‘Pssst! Don’t tell the creationists, but scientists don’t have a clue how life began.’” *Thinking Christian* posting 28 February (online text at thinkingchristian.net accessed 2/27/2013).
- . 2011b. “The Question of Slavery.” *BreakPoint* posting 7 June (online text at thepoint.breakpoint.org accessed 2/27/2013).
- . 2011c. “Hunter-Gatherer Nut Cases: Let’s Just Reduce Our Altruism, Morals & Love to Brain Waves.” *Salvo Magazine* Winter issue 19 (online text at salvomag.com accessed 5/15/2012).
- . 2012. “‘Darwin’s Cowards.’” *Thinking Christian* posting 22 May (online text at thinkingchristian.net accessed 2/27/2013).
- . 2013a. “On Christianity and Slavery: You Would Think...” *Thinking Christian* posting 27 February (online text at thinkingchristian.net accessed 2/27/2013).
- . 2013b. “Peter Boghossian, Atheist Tactician: *What He Gets Right, (Some of) What He Gets Wrong, and How Christians Must Respond.*” *Thinking Christian* posting (online pdf at thinkingchristian.net accessed 10/2/2014).
- Gimpl, Gerald, & Falk Fahrenholz.** 2001. “The Oxytocin Receptor System: Structure, Function, and Regulation.” *Physiological Reviews* **81** (April): 629-683.
- Gingeras, Thomas R.** 2007. “Origin of phenotypes: Genes and transcripts.” *Genome Research* **17** (June): 682-690.
- Gingerich, Owen.** 2009. “The Copernicus grave mystery.” *Proceedings of the National Academy of Sciences* **106** (28 July): 12215-12216.
- . 2011. “Kepler and the Laws of Nature.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (March): 17-23.
- Gingerich, Philip D.** 1974. “Stratigraphic record of Early Eocene *Hyopsodus* and the geometry of mammalian phylogeny.” *Nature* **248** (8 March): 107-109.
- . 1994. “The Whales of Tethys.” *Natural History* **103** (April): 86-88.

- . 2006. “Fossils and the Origin of Whales.” December interview with ActionBioscience (online text at actionbioscience.org accessed 12/4/2009).
- Gingerich, Philip D., Daryl P. Domning, Caroline E. Blane, & Mark D. Uhen.** 1994. “Cranial Morphology of *Protosiren fraasi* (Mammalia, Sirenia) from the Middle Eocene of Egypt: A New Study Using Computed Tomography.” *Contributions from the Museum of Paleontology, University of Michigan* **29** (30 November): 41-67.
- Gingerich, Philip D., Jens L. Franzen, Jörg Habersetzer, Jørn H. Hurum, & B. Holly Smith.** 2010. “*Darwinius masillae* is a Haplorhine—Reply to Williams et al. (2010).” *Journal of Human Evolution* **59** (November): 574-579.
- Gingerich, Philip D., Munir ul Haq, Wighart von Koenigswald, William J. Sanders, R. Holly Smith, & Iyad S. Zalmout.** 2009. “New Protocetid Whale from the Middle Eocene of Pakistan: Birth on Land, Precocial Development, and Sexual Dimorphism.” *PLoS ONE* (online @ plosone.org) **4** (February): e4366.
- Gingerich, Philip D., Munir ul Haq, Iyad S. Zalmout, Intizar Hussain Khan, & M. Sadiq Malkani.** 2001. “Origin of Whales from Early Artiodactyls: Hands and Feet of Eocene Protocetidae from Pakistan.” *Science* **293** (21 September): 2239-2242.
- Gingerich, Philip D., S. Mahmood Raza, Muhammad Arif, Mohammad Anwar, & Xiaoyuan Zhou.** 1994. “New whale from the Eocene of Pakistan and the origin of cetacean swimming.” *Nature* **368** (28 April): 844-847.
- Gingerich, Philip D., Kenneth D. Rose, & Thierry Smith.** 2008. “Oldest North American primate.” *Proceedings of the National Academy of Sciences* **105** (10 June): E30.
- Gingerich, Philip D., B. Holly Smith, & Elwyn L. Simons.** 1990. “Hind Limbs of Eocene *Basilosaurus*: Evidence of Feet in Whales.” *Science* **249** (13 July): 154-157.
- Gingerich, Philip D., Neil A. Wells, Donald E. Russell, & S. M. Ibrahim Shah.** 1983. “Origin of Whales in Epicontinental Remnant Seas: New Evidence from the Early Eocene of Pakistan.” *Science* **220** (22 April): 403-406.
- Ginges, Jeremy, Ian Hansen, & Ara Norenzayan.** 2009. “Religion and Support for Suicide Attacks.” *Psychological Science* **20** (February): 224-230.
- Ginges, Jeremy, Hammad Sheikh, Scott Atran, & Nichole Argo.** 2016. “Thinking from God’s perspective decreases biased valuation of the life of a nonbeliever.” *Proceedings of the National Academy of Sciences* **113** (12 January): 316-319.
- Gingras, Murray, James W. Hagadorn, Adolf Seilacher, Stefan V. Lalonde, Ernesto Pecoits, Daniel Petrash, & Kurt O. Konhauser.** 2011. “Possible evolution of mobile animals in association with microbial mats.” *Nature Geoscience* **4** (June): 372-375.
- Gingras, Murray K., S. George Pemberton, Shahin Dashtgard, & Lynn Dafeo.** 2008. “How fast do marine invertebrates burrow?” *Palaeogeography, Palaeoclimatology, Palaeoecology* **270** (15 December): 280-286.
- Gingrich, Newt.** 2012a. “21st Century Contract with America.” *Presidential Commission on Religious Freedom* posting (online pdf at www.newt.org accessed 1/10/2012).
- . 2012b. “Poll: Newt surging in SC—We can still stop Romney.” *Townhall Daily* for 13 January (online text via townhall.com accessed 1/13/2012).
- . 2012c. “Gingrich surging, Perry endorses Newt.” *Townhall Daily* for 20 January (online text via townhall.com accessed 1/21/2012).
- . 2012d. “Don’t let the Establishment and MSM pick. Your Time to Choose is Now.” *Townhall Daily* for 24 February (online text via townhall.com accessed 2/25/2012).
- . 2012e. “Your Time to Choose is Now. Don’t let them pick for you.” *Townhall Daily* for 25 February (online text via townhall.com accessed 2/25/2012).
- Gino, Francesca, Shahar Ayal, & Dan Ariely.** 2009. “Contagion and Differentiation in Unethical Behavior: The Effect of One Bad Apple on the Barrel.” *Psychological Science* **20** (March): 393-398.
- Ginsburg, Hagai.** 2010. “Malaria parasite stands out.” *Nature* **466** (5 August): 702-703.
- Gintis, Herbert.** 2012. “Clash of the Titans.” *BioScience* **62** (November): 987-991.
- Gintis, Herbert, Joseph Henrich, Samuel Bowles, Robert Boyd, & Ernst Fehr.** 2008. “Strong Reciprocity and the Roots of Human Morality.” *Social Justice Research* **21** (June): 241-

253.

- Giorgi, Amedeo.** 2003. "A Phenomenological Psychological Approach to Research on Hallucinations," in Phillips & Morley (2003a, 209-224).
- Giosan, Liviu, Peter D. Clift, Mark G. Macklin, Dorian Q. Fuller, Stefan Constantinescu, Julie A. Durcan, Thomas Stevens, Geoff A. T. Duller, Ali R. Tabrez, Kavita Gangal, Ronojoy Adhikari, Anwar Alizai, Florin Filip, Sam VanLaningham, & James P. M. Syvitski.** 2012. "Fluvial landscapes of the Harappan civilization." *Proceedings of the National Academy of Sciences* **109** (26 June): E1688-E1694.
- Giovannoni, Stephen J., Seán Turner, Gary J. Olsen, Susan Barns, David J. Lane, & Norman R. Pace.** 1999. "Evolutionary Relationships among Cyanobacteria and Green Chloroplasts." *Journal of Bacteriology* **170** (August, No. 8): 3584-3592.
- Girard, Vincent, Alexander R. Schmidt, Simona Saint Martin, Steffi Struwe, Vincent Perrichot, Jean-Paul Saint Martin, Danièle Grosheny, Gérard Breton, & Didier Néraudeau.** 2008. "Evidence for marine microfossils from amber." *Proceedings of the National Academy of Sciences* **105** (11 November): 17426-17429.
- Giraud, Tatiana, Pierre Gladioux, Breton, & Michael Hood.** 2010. "The Origin of Species in Fungi." *Fungi* **34** (Fall): 23-27.
- Giraud, Tatiana, Guislaine Refrégier, Mickaël Le Gac, Damien M. de Vienne, & Michael E. Hood.** 2008. "Speciation in fungi." *Fungal Genetics and Biology* **45** (June): 791-802.
- Gire, Stephen K., Augustine Goba, Kristian G. Andersen, Rachel S. G. Sealfon, Daniel J. Park, Lansana Kanneh, Simbirie Jalloh, Mambu Momoh, Mohamed Fullah, Gytis Dudas, Shirlee Wohl, Lina M. Moses, Nathan L. Yozwiak, Sarah Winnicki, Christian B. Matranga, Christine M. Malbouef, James Qu, Adrienne D. Gladden, Stephen F. Schaffner, Xiao Yang, Pan-Pan Jiang, Mahan Nekoui, Andres Colubri, Moinya Ruth Coomber, Mbalu Fonnio, Alex Moigboi, Michael Gbakie, Fatima K. Kamara, Veronica Tucker, Edwin Konuwa, Sidiki Saffa, Josephine Sellu, Abdul Azziz Jalloh, Alice Kovoma, James Koninga, Ibrahim Mustapha, Kande Kargbo, Momoh Foday, Mohamed Yillah, Franklyn Kanneh, Willie Robert, James L. B. Massally, Sinéad B. Chapman, James Bochicchio, Cheryl Murphy, Chad Nusbaum, Sarah Young, Bruce W. Birren, Donald S. Grant, John S. Scheffelin, Eric S. Lander, Christian Happi, Sahr M. Gevao, Andreas Gnirke, Andrew Rambaut, Robert F. Garry, S. Humarr Khan, & Pardis C. Sabeti.** 2014. "Genomic surveillance elucidates Ebola virus origin and transmission during the 2014 outbreak." *Science* **345** (12 September): 1369-1372.
- Giribet, Gonzalo.** 2008. "Assembling the lophotrochozoan (=spiralian) tree of life." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1513-1522.
- Giribet, Gonzalo, Daniel L. Distel, Martin Polz, Wolfgang Sterrer, & Ward C. Wheeler.** 2000. "Triloblastic Relationships with eEmphasis on the Acoelomates and the Position of Gnathostomulida, Cycliophora, Plathelminthes, and Chaetognatha: A Combined Approach of 18S rDNA Sequences and Morphology." *Systematic Biology* **49** (September): 539-562.
- Giribet, Gonzalo, & Gregory D. Edgecombe.** 2012. "Reevaluating the Arthropod Tree of Life." *Annual Review of Entomology* **57**: 167-186.
- Giribet, Gonzalo, Akiko Okusu, Annie R. Lindgren, Stephanie W. Huff, Michael Schrödl, & Michele K. Nishiguchi.** 2006. "Evidence for a clade composed of molluscs with serially repeated structures: Monoplacophorans are related to chitons." *Proceedings of the National Academy of Sciences* **103** (19 May): 7723-7728.
- Gish, Duane T.** 1973. "Creation, Evolution, and the Historical Evidence." *The American Biology Teacher* **35** (March): 132-140.
- . 1975. "A Decade of Creationist Research (Part I)." *Creation Research Society Quarterly* **12** (June): 34-46.
- . 1978. *Evolution: The Fossils Say NO!* San Diego, CA: Creation-Life Publishers.
- . 1980. "The Origin of Mammals." Institute for Creation Research *Acts & Facts* (September) posting (online text at icr.org accessed 3/17/2016).
- . 1981. "The Mammal-Like Reptiles." Institute for Creation Research *Acts & Facts*

- (December) posting (online text at *icr.org* accessed 3/17/2016).
- . 1982. “The Arkansas Decision on Creation-Science: What Actually Occurred at the Trial.” Institute for Creation Research *Acts & Facts* (March) posting (online text at *icr.org* accessed 12/23/2013).
- . 1983a. “No. 117—Evolution and the Human Tail.” Institute for Creation Research *Impact* (March): i-v.
- . 1983b. “No. 123—Creating the Missing Link: A Tale About a Whale.” Institute for Creation Research *Impact* (September): i-v.
- . 1989a. “More Creationist Research Part Ia: Geological Research.” *Creation Research Society Quarterly* **25** (March): 161-170.
- . 1989b. “More Creationist Research Part II: Biological Research.” *Creation Research Society Quarterly* **26** (June): 5-17.
- . 1990. *The Amazing Story of Creation from science and the Bible*. El Cajon, CA: Institute for Creation Research.
- . 1991. “The Big Bang Theory Collapses.” Institute for Creation Research *Acts & Facts* (June) posting (online text at *icr.org* accessed 7/29/2014).
- . 1992. *Dinosaurs by Design*. Green Forest, AR: Master Books.
- . 1993a. *Creation Scientists Answer Their Critics*. El Cajon, CA: Institute for Creation Research.
- . 1993b. “An Interview with Dr. Duane Gish.” Alpha Omega Institute (Grand Junction, CO) “Spotlight on Science” *Think & Believe* **10** (September/October): 3.
- . 1995. *Evolution: The Fossils STILL Say NO!* Rev. ed. of 1985, *Evolution: The Challenge of the Fossil Record* (in turn rev. of 1978, *Evolution: The Fossils Say NO!*). El Cajon, CA: Institute for Creation Research.
- . 1998. “Foreword” to *True Science Agrees with the Bible* by Malcolm Bowden. *Creation Start Page* posting (online text via *homepage.ntlworld.com/malcolmbowden/* accessed 12/30/2013).
- . 2000. “Supreme Court Ruling.” *Science E-letter* posting 7 July (online text at *sciencemag.org* accessed 1/9/2008).
- . 2007. “A Few Reasons an Evolutionary Origin of Life Is Impossible.” *Institute for Creation Research* posting (online text at *www.icr.org* accessed 11/25/2010).
- Gish, Duane, & Frank Zindler.** 1990. “Is Creationism Science?” *The Secular Web* debate transcript posting (online text at *www.infidels.org* accessed 1/18/2002).
- Gishlick, Alan D.** 2003. “Icons of Evolution? Why much of what Jonathan Wells writes about evolution is wrong.” *Texas Citizens for Science* 18 August posting of NCSE article included in Steven Schafersman’s Texas Board of Education testimony (online text at *texscience.org* accessed 2/12/2014).
- . 2006. “Baraminology.” *Reports of the National Center for Science Education* **26** (July-August): 17-21.
- Gitelman, Inna.** 2007. “Evolution of the Vertebrate *Twist* Family and *Synfunctionalization*: A Mechanism for Differential Gene Loss through Merging of Expression Domains.” *Molecular Biology and Evolution* **24** (September): 1912-1925.
- Gitin, Seymour.** 2002. “The House That Albright Built.” *Near Eastern Archaeology* **65** (1): 5-10.
- Gitschier, Jane.** 2008. “Taken to School: An Interview with the Honorable Judge John E. Jones, III.” *PLoS Genetics* (online @ *plosgenetics.org*) **4** (December): e1000297.
- Gitt, Werner.** 1996. “Information, science and biology.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **10** (2): 181-187.
- . 2009. “Who is the Designer?” *Missionswerk DIE BRUDERHAND e.V.* (Wienhausen, Germany) pamphlet.
- Gitt, Werner, Robert Compton, & Jorge Fernandez.** 2013. “Biological Information—What Is It?” in Marks *et al.* (2013a, 11-25).
- Gittenberger, Edmund, Thomas D. Hamann, & Takahiro Asami.** 2012. “Chiral Speciation in Terrestrial Pulmonate Snails.” *PLoS ONE* (online @ *plosone.org*) **7** (April): e34005.

- Giuliani, Gaston, Daniel Ohnenstetter, Virginie Garnier, Anthony E. Fallick, Michel Rakotondrazafy, & Dietmar Schwarz.** 2007. "The geology and genesis of gem corundum deposits," in Groat (2007, 23-78).
- Giuliani, G., L. J. H. D. Silva, & P. Couto.** 1990. "Origin of emerald deposits of Brazil." *Mineralium Deposita* **25** (1): 57-64.
- Giurfa, Martin, Shaowu Zhang, Arnim Jenett, Randolf Menzel, & Mandyam V. Srinivasan.** 2001. "The concepts of 'sameness' and 'difference' in an insect." *Nature* **410** (19 April): 930-933.
- Givens, Anita.** 2011. "Memorandum." *Texas Freedom Network* posting of 10 August response to Texas State Board of Education (online pdf at www.tfn.org accessed 8/22/2011).
- Givnish, Thomas J.** 2015. "New evidence on the origin of carnivorous plants." *Proceedings of the National Academy of Sciences* **112** (6 January): 10-11.
- Givnish, Thomas J., Rebecca A. Montgomery, & Guillermo Goldstein.** 2004. "Adaptive radiation of photosynthetic physiology in the Hawaiian lobeliads: Light regimes, static light responses, and whole-plant compensation points." *American Journal of Botany* **91** (February): 228-246.
- Givnish, Thomas J., & Susanne S. Renner.** 2004. "Tropical Intercontinental Disjunctions: Gondwana Breakup, Immigration from the Boreotropics, and Transoceanic Dispersal." *International Journal of Plant Sciences* **165** (July Supplement): S1-S6.
- Givnish, T. J., K. J. Sytsma, J. F. Smith, & W. J. Hahn.** 1994. "Thorn-like prickles and heterophylly in *Cyanea*: Adaptations to extinct avian browsers on Hawaii?" *Proceedings of the National Academy of Sciences* **91** (29 March): 2810-2814.
- Gizon, Laurent, & Aaron C. Birch.** 2012. "Helioseismology challenges models of solar convection." *Proceedings of the National Academy of Sciences* **109** (24 July): 11896-11897.
- Gjersoe, Nathalia.** 2016. "Evolution makes scientific sense. So why do many people reject it?" *The Guardian* posting 31 March (online text at theguardian.com accessed 5/19/2016).
- Gjersoe, Nathalia L., & Bruce M. Hood.** 2009. "On the adaptive advantage of always being right (even when one is not)." *Behavioral and Brain Sciences* **32** (6): 521-522.
- Gjesfjeld, Erik, Jonathan Chang, Daniele Silvestro, Christopher Kelty, & Michael Alfaro.** 2016. "Competition and extinction explain the evolution of diversity in American automobiles." *Palgrave Communications* (online @ palgrave-journals.com) **2** (10 May): 16019.
- Gjorgjieva, Julijana, Claudia Clopath, Juliette Audet, & Jean-Pascal Pfister.** 2011. "A triplet spike-timing-dependent plasticity model generalizes the Bienenstock-Cooper-Munro rule to higher-order spatiotemporal correlations." *Proceedings of the National Academy of Sciences* **108** (29 November): 19383-19388.
- Glad, John.** 2006. *Future Human Evolution: Eugenics in the Twenty-First Century*. Schuylkill Haven, PA: Hermitage Publishers.
- Gladysheva, Eugene A., & Irina R. Arkhipova.** 2011. "A widespread class of reverse transcriptase-related cellular genes." *Proceedings of the National Academy of Sciences* **108** (20 December): 20311-20316.
- Gladysheva, Eugene A., Matthew Meselson, & Irina R. Arkhipova.** 2008. "Massive Horizontal Gene Transfer in Bdelloid Rotifers." *Science* **320** (30 May): 1210-1213.
- Gladysheva, Inna P., Ryan B. Turner, Irina Y. Sazonova, Lin Liu, & Guy L. Reed.** 2003. "Coevolutionary patterns in plasminogen activation." *Proceedings of the National Academy of Sciences* **100** (5 August): 9168-9172.
- Glaessner, Martin F.** 1980. "*Parvancorina*—an arthropod from the Late Precambrian (Ediacarian) of South Australia." *Annalen des Naturhistorisches Museum Wien* **83**: 83-90.
- Glaessner, M. F., & M. Wade.** 1966. "The Late Precambrian Fossils from Ediacara, South Australia." *Palaeontology* **9**: 599-628.
- Glahn, D. C., A. M. Winkler, P. Kochu, L. Amasy, R. Duggirala, M. A. Carless, J. C. Curran, R. L. Olvera, A. R. Laird, S. M. Smith, C. F. Beckmann, P. T. Fox, & J. Blangero.** 2010. "Genetic control over the resting brain." *Proceedings of the National*

- Academy of Sciences* **107** (19 January): 1223-1228.
- Glancy, Brian, Lisa M. Hartnell, Daniela Malide, Zu-Xi Yu, Christian A. Combs, Patricia S. Connelly, Sriram Subramaniam, & Robert S. Balaban.** 2015. "Mitochondrial reticulum for cellular energy distribution in muscle." *Nature* **523** (30 July): 617-620.
- Glandsdorff, Nicolas.** 1999. "On the Origin of Operons and Their Possible Role in Evolution Toward Thermophily." *Journal of Molecular Evolution* **49** (October): 432-438.
- Glandsdorff, Nicolas, Ying Xu, & Bernard Labedan.** 2009. "The Conflict Between Horizontal Gene Transfer and the Safeguard of Identity: Origin of Meiotic Sexuality." *Journal of Molecular Evolution* **69** (November): 470-480.
- Glanz, James.** 1998. "A Dark Matter Candidate Loses Its Luster." *Science* **281** (17 July): 332-333.
- . 1999. "Science vs. the Bible: Debate Moves to the Cosmos." *The New York Times* posting 10 October: online text accessed 2/14/2002 (www.nytimes.com).
- . 2001a. "Darwin vs. Design: Evolutionists' New Battle." *New York Times* (8 April): 1-3.
- . 2001b. "Biology Text Illustrations More Fiction Than Fact." *New York Times* (8 April): 2.
- Glas, Andreas F., Melanie J. Maul, Max Cryle, Thomas R. M. Barends, Sabine Schneider, Emine Kaya, Ilme Schlichting, & Thomas Carell.** 2009. "The archaeal cofactor F₀ is a light-harvesting antenna chromophore in eukaryotes." *Proceedings of the National Academy of Sciences* **106** (14 July): 11540-11545.
- Glasby, G. P.** 1978. "Deep-sea manganese nodules in the stratigraphic record: Evidence from DSDP cores." *Marine Geology* **28** (July): 51-64.
- Gläscher, Jan, Ralph Adolphs, Hanna Damasio, Antoine Bechara, David Rudrauf, Matthew Calamia, Lynn K. Paul, & Daniel Tranel.** 2012. "Lesion mapping of cognitive control and value-based decision making in the prefrontal cortex." *Proceedings of the National Academy of Sciences* **109** (4 September): 14681-14686.
- Gläscher, J., D. Rudrauf, R. Colom, L. K. Paul, D. Tranel, H. Damasio, & R. Adolphs.** 2010. "Distributed neural system for general intelligence revealed by lesion mapping." *Proceedings of the National Academy of Sciences* **107** (9 March): 4705-4709.
- Glaser, Eliane.** 2013. "Prof Brian Cox: physicist or priest?" *The Guardian* posting 28 February (online text at guardian.co.uk accessed 3/1/2013).
- Glass, Alexander.** 2010. "Review: The Genesis Enigma." *Reports of the National Center for Science Education* **30** (July-August): 36-37.
- Glass, Jennifer.** 2010. "Linking Trace Metal Availability and Nitrogenase Evolution: Influence of the Late-Archean Marine Nickel Famine on the Emergence of Molybdenum-Based Nitrogen Fixation." NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 9 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Glass, John I., Nacyra Assad-Garcia, Nina Alperovich, Shibu Yooseph, Matthew R. Lewis, Mahir Maruf, Clyde A. Hutchison III, Hamilton O. Smith, & J. Craig Venter.** 2006. "Essential genes of a minimal bacterium." *Proceedings of the National Academy of Sciences* **103** (10 January): 425-430.
- Glass, Keely, Shosuke Ito, Philip R. Wilby, Takayuki Sota, Atsushi Nakamura, C. Russell Bowers, Jakob Vinther, Suryendu Dutta, Roger Summons, Derek E. G. Briggs, Kazumasa Wakamatsu, & John D. Simon.** 2012. "Direct chemical evidence for eumelanin pigment from the Jurassic period." *Proceedings of the National Academy of Sciences* **109** (26 June): 10218-10223.
- Glasscock, Edward.** 2010. "Evidence for God's Grace in Epilepsy Genes." *Reasons to Believe* posting 22 January (online text at www.reasons.org accessed 4/29/2011).
- Glasscock, Edward, Jing Qian, Jong W. Yoo, & Jeffrey L. Noebels.** 2007. "Masking epilepsy by combining two epilepsy genes." *Nature Neuroscience* **10** (December): 1554-1558.
- Glassgold, Judith M., Lee Beckstead, Jack Drescher, Beverly Greene, Robin Lin Miller, Roger L. Worthington, & Clinton W. Anderson.** 2009. *Report of the American Psychological Association Task Force on Appropriate Therapeutic Responses to Sexual*

- Orientation* (online text at www.apa.org accessed 8/4/2011).
- Glasspool, Ian, Jason Hilton, Margaret E. Collinson, & Shi-Jun Wang.** 2004. "Defining the gigantopterid concept: A reinvestigation of *Gigantopteris (megalopteris) nicotianaefolia* Schenck and its taxonomic implications." *Palaeontology* **47** (November): 1339-1361.
- Glatzeder, Britt, Vinod Goel, & Albrecht von Müller,** eds. 2010. *Towards a Theory of Thinking: Building Blocks for a Conceptual Framework*. New York: Springer.
- Glatzmaier, Gary A., & Paul H. Roberts.** 1998. "Dynamo theory then and now." *International Journal of Engineering Science* **36** (September-November): 1325-1338.
- Glavin, D. P., J. C. Aponte, D. G. Blackmond, A. S. Burton, J. P. Dworkin, & J. E. Elsila.** 2017. "L-Amino Acid Enantiomeric Excesses in Meteorites: Formation Mechanisms and Implications for the Origin of Homochirality." Lunar and Planetary Institute posting of *17th International Conference on Origin of Life* paper 1967 (online pdf at www.hou.usra.edu accessed 7/31/2017).
- Glavin, Daniel P., Jeffrey L. Bada, Karen L. F. Brinton, & Gene D. McDonald.** 1999. "Amino acids in the Martian meteorite Nakhla." *Proceedings of the National Academy of Sciences* **96** (3 August): 8835-8838.
- Glavin, Daniel P., & Jason P. Dworkin.** 2009. "Enrichment of the amino acid l-isovaline by aqueous alteration on CI and CM meteorite parent bodies." *Proceedings of the National Academy of Sciences* **106** (7 April): 5487-5492.
- Glavin, Daniel P., Jason P. Dworkin, Andrew Aubrey, Oliver Botta, James H. Doty III, Zita Martins, & Jeffrey L. Bada.** 2006. "Amino acid analyses of Antarctic CM2 meteorites using liquid chromatography-time of flight-mass spectrometry." *Meteoritics & Planetary Science* **41** (June): 889-902.
- Glaze, Amanda.** 2015. "The Pot-Stirrer: Teaching Evolution in the South." *Science Friday* 20 April posting (online video at www.sciencefriday.com accessed 5/26/2015).
- Glazko, Galina, Vamsi Veeramachaneni, Masatoshi Nei, & Wojciech Makalowski.** 2005. "Eighty percent of proteins are different between humans and chimpanzees." *Gene* **346** (14 February): 215-219.
- Gleeson, Sean.** 2005. "Kansas bigot invents crazy attack story." *Sean Gleeson* 7 December posting (online text at sean.gleeson.us accessed 12/12/2005).
- Gleick, Peter H.** 2012. "The Origin of the Heartland Documents." *Huffington Post* posting 20 February (online text at huffingtonpost.com accessed 2/25/2012).
- Gleiser, Marcelo.** 2007. "Asymmetric Spatiotemporal Evolution of Prebiotic Homochirality." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (June): 235-251.
- . 2014. "Can Scientific Belief Go Too Far?" *NPR 13.7 cosmos & culture* blog 29 October posting (online text at www.npr.org accessed 11/5/2014).
- Gleiser, Marcelo, & Sara Imari Walker.** 2009. "Toward homochiral protocells in noncatalytic peptide systems." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **39** (October): 479-493.
- Glen, William,** ed. 1994. *The Mass-Extinction Debates: How Science Works in a Crisis*. Stanford, CA: Stanford University Press.
- Glenn, Allan.** 2004. "Organisms that Look Designed." *Talk Reason* 6 May article posted 6 November 2005 (online text at talkreason.org accessed 11/10/2005).
- Glenn, Andrea L., Spassena Koleva, Ravi Iyer, Jesse Graham, & Peter H. Ditto.** 2010. "Moral identity in psychopathy." *Judgment and Decision Making* **5** (December): 497-505.
- Glenn, Andrea L., & Adrian Raine.** 2008. "The neurobiology of psychopathy." *Psychiatric Clinics of North America* **31**: 463-475.
- Glenn, Travis C., Jeffrey O. French, Traci J. Heincelman, Kenneth J. Jones, & Roger H. Sawyer.** 2008. "Evolutionary relationships among copies of feather beta (β) keratin genes from several avian orders." *Integrative and Comparative Biology* (AKA *American Zoologist*) **48** (October): 463-475.
- Glenn, Travis C., Ryan S. Ojerio, Wolfgang Stephan, & Michael J. Braun.** 1997. "Microsatellite DNA loci for genetic studies of cranes," in Urbanek & Stahlecker (1997, 36-

45).

- Glenner, Henrik, Mark J. Grygier, Jens T. Høeg, Peter G. Jensen, & Frederick R. Schram.** 1995. "Cladistic analysis of the Cirripedia Thoracica." *Zoological Journal of the Linnean Society* **114** (August): 365-404.
- Glenney, Gavin W., & Gregory D. Wiens.** 2007. "Early Diversification of the TNF Superfamily in Teleosts: Genomic Characterization and Expression Analysis." *The Journal of Immunology* **178** (15 June): 7955-7973.
- Glennie, K. W.** 1987. "Desert sedimentary environments, present and past—A summary." *Sedimentary Geology* **50** (March): 135-165.
- GLEP.** 2013. "Common Core State Standards: The Conservative Case." *Great Lakes Education Project* (Lansing, Michigan) posting by *ProPublica* (online pdf at www.propublica.org accessed 2/11/2017).
- Glessner, Joseph T., Muredach P. Reilly, Cecilia E. Kim, Nagahide Takahashi, Anthony Albano, Cuiping Hou, Jonathan P. Bradfield, Haitao Zhang, Patrick M. A. Sleiman, James H. Flory, Marcin Imielinski, Edward C. Frackleton, Rosetta Chiavacci, Kelly A. Thomas, Maria Garris, Frederick G. Otiena, Michael Davidson, Mark Weiser, Abraham Reichenberg, Kenneth L. Davis, Joseph I. Friedman, Thomas P. Cappola, Kenneth B. Margulies, Daniel J. Rader, Struan F. A. Grant, Joseph D. Buxbaum, Raquel E. Gur, & Hakon Hakonarson.** 2010. "Strong synaptic transmission impact by copy number variations in schizophrenia." *Proceedings of the National Academy of Sciences* **107** (8 June): 10584-10589.
- Glezerman, Marek.** 2016. "Yes, there is a female and a male brain: Morphology versus functionality." *Proceedings of the National Academy of Sciences* **113** (5 April): E1971.
- Gliboff, Sander.** 2009. "Review: The Darwin Myth." *Reports of the National Center for Science Education* **29** (September-October): 42-43.
- Glick, Benjamin S.** 2007. "Let there be order." *Nature Cell Biology* **9** (February): 130-132.
- Glick, Justin.** 2002. "The Evolution of Flight?" Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **19** (Summer): 3.
- Glick, Thomas F.** 2010. "The Comparative Reception of Darwinism: A Brief History." *Science & Education* **19** (June): 693-703.
- Glicksman, Howard.** 2003. "He Who Cannot Control His Water Will Not Survive: (Neither Will He Be Allowed into the Pool, *i.e.* the gene pool)." *Discovering Design* 17 September posting (online text at www.discoveringdesign.org accessed 3/5/2015).
- . 2015a. "How the Body Works: Intelligent Design in Action." Discovery Institute *Evolution News & Views* 26 February posting (online text at evolutionnews.org accessed 3/5/2015).
- . 2015b. "Each Cell in Your Body Is a Walled City Besieged by Enemies." Discovery Institute *Evolution News & Views* 2 March posting (online text at evolutionnews.org accessed 3/5/2015).
- . 2015c. "How Man Solves the Problem of Being a Multi-Cellular Organism." Discovery Institute *Evolution News & Views* 25 March posting (online text at evolutionnews.org accessed 3/26/2015).
- . 2015d. "Death: The Final Frontier." Discovery Institute *Evolution News & Views* 1 April posting (online text at evolutionnews.org accessed 4/2/2015).
- . 2015e. "Understanding Cardiovascular Function: How Water Is Distributed in the Body." Discovery Institute *Evolution News & Views* 6 May posting (online text at evolutionnews.org accessed 5/28/2015).
- . 2015f. "Understanding Cardiovascular Function: How Water Stays Within the Circulation." Discovery Institute *Evolution News & Views* 11 May posting (online text at evolutionnews.org accessed 5/28/2015).
- . 2015g. "Understanding Cardiovascular Function: The Challenge of Maintaining the Body's Water Content." Discovery Institute *Evolution News & Views* 15 May posting (online text at evolutionnews.org accessed 5/28/2015).
- . 2015h. "Understanding Cardiovascular Function: An Irreducibly Complex System for

- Controlling Water Content.” Discovery Institute *Evolution News & Views* 20 May posting (online text at *evolutionnews.org* accessed 5/28/2015).
- . 2015i. “Understanding Cardiovascular Function: Beyond Irreducible Complexity.” Discovery Institute *Evolution News & Views* 25 May posting (online text at *evolutionnews.org* accessed 5/28/2015).
- . 2015j. “The Cardiovascular System: Regulating Heart Rate.” Discovery Institute *Evolution News & Views* 2 September posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015k. “Controlling Blood Pressure Requires an Irreducibly Complex System.” Discovery Institute *Evolution News & Views* 22 September posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015l. “Blood Pressure: Standing Up to Gravity.” Discovery Institute *Evolution News & Views* 1 October posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015m. “Vasoconstriction and Platelet Aggregation Defy Evolutionary Explanations.” Discovery Institute *Evolution News & Views* 6 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015n. “Clotting: Controlling the System.” Discovery Institute *Evolution News & Views* 28 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2016a. “The Immune System: The Body’s First Responders.” Discovery Institute *Evolution News & Views* 25 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016b. “Defending the Body: Neutrophils.” Discovery Institute *Evolution News & Views* 29 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016c. “Understanding Temperature: Cold-Blooded versus Warm-Blooded Animals.” Discovery Institute *Evolution News & Views* 30 April posting (online text at *evolutionnews.org* accessed 5/2/2016).
- . 2016d. “Calcium: Maintaining the Right Proportions.” Discovery Institute *Evolution News & Views* 21 May posting (online text at *evolutionnews.org* accessed 5/23/2016).
- . 2016e. “How the Body Controls Its Calcium.” Discovery Institute *Evolution News & Views* 5 June posting (online text at *evolutionnews.org* accessed 6/8/2016).
- . 2016f. “Irreducible Complexity in Male Sexual Function.” Discovery Institute *Evolution News & Views* 10 July posting (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016g. “The Mystery of Vision.” Discovery Institute *Evolution News & Views* 3 August posting (online text at *evolutionnews.org* accessed 8/10/2016).
- . 2017. “A Son Realizes the Irrepressible Truth.” Discovery Institute *Evolution News & Views* 13 February posting (online text at *evolutionnews.org* accessed 2/21/2017).
- Glidden, Robert, Luis Proenza, Sidney Ribeau, John Garland, Joseph Steger, Michael Schwartz, Carl Cartwright, Frank McCullough, James Garland, Robert Blacklow, William Kirwan, Michael Field, Daniel Johnson, Kim Goldenberg, & Daniel Sweet.** 2002. Letter to Ohio State Board of Education. *National Center for Science Education* 27 June posting of 15 March letter (online pdf at *ncse.com* accessed 10/23/2002).
- Glindemann, D., R. M. de Graaf, & Alan W. Schwartz.** 1999. “Chemical Reduction of Phosphate on the Primitive Earth.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **29** (December): 555-561.
- Glišović, Petar, & Alessandro M. Forte.** 2017. “On the deep-mantle origin of the Deccan Traps.” *Science* **355** (10 February): 613-616.
- Global Warming: Opposing Viewpoints*®. 2006. Gen. ed. Cynthia A. Bily. Detroit, MI: Greenhaven Press.
- Global Warming Petition.* 2012. “Global Warming Petition Project.” Undated posting (online text at *www.petitionproject.org* accessed 3/14/2012).
- Glöckner, Andreas, & Steffen Moritz.** 2009. “A fine-grained analysis of the jumping-to-conclusions bias in schizophrenia: Data-gathering, response confidence, and information integration.” *Judgment and Decision Making* **4** (December): 587-600.
- Glöckner, F. O., M. Kube, M. Bauer, H. Teeling, T. Lombardot, W. Ludwig, D. Gade, A. Beck, K. Borzym, K. Heitmann, R. Rabus, H. Schlesner, R. Amann, & R. Reinhardt.**

2003. "Complete genome sequence of the marine planctomycete *Pirellula* sp. strain 1." *Proceedings of the National Academy of Sciences* **100** (8 July): 8298-8303.
- Gloor, Gregory B., Gaurav Tyagi, Dana M. Abrassart, Andrew J. Kingston, Andrew D. Fernandes, Stanley D. Dunn, & Christopher J. Brandl.** 2010. "Functionally Compensating Coevolving Positions Are Neither Homoplastic Nor Conserved in Clades." *Molecular Biology and Evolution* **27** (May): 1181-1191.
- Glor, Richard E., Jonathan B. Losos, & Allan Larson.** 2005. "Out of Cuba: overwater dispersal and speciation among lizards in the *Anolis carolinensis* subgroup." *Molecular Ecology* **14** (July): 2419-2432.
- Glotch, Timothy D., Paul G. Lucey, Joshua L. Bandfield, Benjamin T. Greenhagen, Ian R. Thomas, Richard C. Elphic, Neil Bowles, Michael B. Wyatt, Carlton C. Allen, Kerri Donaldson Hanna, & David A. Paige.** 2010. "Highly Silicic Compositions on the Moon." *Science* **329** (17 September): 1510-1513.
- Gloti, Anastasia, Alexandra A. Mushegian, Rebecka Strandberg, Jason E. Stajich, & Hanna Johannesson.** 2012. "Unidirectional Evolutionary Transitions in Fungal Mating Systems and the Role of Transposable Elements." *Molecular Biology and Evolution* **29** (October): 3215-3226.
- Glover, Peter C.** 2009. "Media Credibility, Not Ice Caps, In Meltdown." *American Thinker* posting 23 February (online text at americanthinker.com accessed 5/31/2011).
- Gluszek, Arkadiusz.** 1998. "Trace fossils from Late Carboniferous storm deposits, Upper Silesia Coal Basin, Poland." *Acta Palaeontologica Polonica* **43** (3): 517-546.
- Glut, Donald F.** 1982. *The Complete Dinosaur Dictionary*. 1992 pb ed. of rev. of 1972 *The New Dinosaur Dictionary*. Secaucus, NJ: Citadel Press.
- Gluth, Sebastian, & Laura Fontanesi.** 2016. "Wiring the altruistic brain." *Science* **351** (4 March): 1028-1029.
- Glynn, Patrick.** 1997. *God: The Evidence: The Reconciliation of Faith and Reason in a Postsecular World*. Rocklin, CA: Forum.
- Glynn, Shawn M., & Denise K. Muth.** 1994. "Reading and Writing to Learn Science: Achieving Scientific Literacy." *Journal of Research in Science Teaching* **31** (November): 1057-1073.
- Go, Yasuhiro.** 2006. "Lineage-Specific Expansions and Contractions of the Bitter Taste Receptor Gene Repertoire in Vertebrates." *Molecular Biology and Evolution* **23** (May): 964-972.
- Go, Yasuhiro, Yoko Satta, Osamu Takenaka, & Naoyuki Takahata.** 2005. "Lineage-Specific Loss of Function of Bitter Taste Receptor Genes in Humans and Nonhuman Primates." *Genetics* **170** (May): 313-326.
- Goard, Alyssa.** 2017. "Texas State Board of Education debating how evolution should be taught." *KXAN* (Austin, Texas) 18 April posting (online text at kxan.com accessed 5/15/2017).
- Göbel, Silke M., & Matthew F. S. Rushworth.** 2004. "Cognitive Neuroscience: Acting on Numbers." *Current Biology* **14** (13 July): R517-R519.
- Góbi, Sándor, Marko Förstel, Pavlo Maksyutenko, & Ralf I. Kaiser.** 2017. "A Reflectron Time-of-Flight Mass Spectrometric Study on the Degradation Pathways of Glycine on Mars in the Presence of Perchlorates and Ionizing Radiation." *The Astrophysical Journal* **835** (1 February): 241.
- Gobler, Christopher J., Owen M. Doherty, Theresa K. Hattenrath-Lehmann, Andrew W. Griffith, Yoonja Kang, & R. Wayne Litaker.** 2017. "Ocean warming since 1982 has expanded the niche of toxic algal blooms in the North Atlantic and North Pacific Oceans." *Proceedings of the National Academy of Sciences* **114** (9 May): 4975-4980.
- Goblirsch, Maz.** 2010. "S-process nucleosynthesis." *Max Planck Institut für Astrophysik* "Nuclei in the Cosmos" 1 January lecture posting (online pdf at www.mpa-garching.mpg.de accessed 4/29/2015).
- God and Science.* 2007. "General Rebuttal to the Theory of Evolution." *God and Science* posting updated 27 June (online text at www.godandscience.org accessed 12/12/2011).

- Godard, B. G., & S. Mazan.** 2013. “Early patterning in a chondrichthyan model, the small spotted dogfish: towards a gnathostome ancestral state.” *Journal of Anatomy* **222** (January): 56-66.
- Godard, Gaston.** 2009. “The fossil proboscideans of Utica (Tunisia), a key to the ‘giant’ controversy, from Saint Augustine (424) to Peiresc (1632).” *Geological Society, London, Special Publications* **310**: 67-76.
- Godawa, Brian.** 2011. “Mesopotamian Cosmic Geography in the Bible.” *American Scientific Affiliation* May posting of *BioLogos* article (online pdf at *asa3.org* accessed 6/14/2011).
- Goddard, Matthew R., H. Charles J. Godfray, & Austin Burt.** 2005. “Sex increases the efficacy of natural selection in experimental yeast populations.” *Nature* **434** (31 March): 636-640.
- Goddard, Steven.** 2008. “Arctic ice refuses to melt as ordered.” *Origins* posting of *www.theregister.co.uk* 15 August article (online pdf at *www.alcazar.net* accessed 6/15/2011).
- Goddéris, Yves, & Yannick Donnadiéu.** 2009. “Climatic plant power.” *Nature* **460** (2 July): 40-41.
- Godefroid, Jacques, & Stefan Helsen.** 1998. “The last Frasnian Atrypida (Brachiopoda) in southern Belgium.” *Acta Palaeontologica Polonica* **43** (2): 241-272.
- Godefroid, Pascal,** ed. 2012. *Bernissart Dinosaurs and Early Cretaceous Terrestrial Ecosystems*. Bloomington, IN: Indiana University Press.
- Godefroid, Pascal, Andrea Cau, Hu Dong-Yu, François Escuillié, Wu Wenhao, & Gareth Dyke.** 2013. “A Jurassic avialan dinosaur from China resolves the early phylogenetic history of birds.” *Nature* **498** (20 June): 359-362.
- Godefroid, Pascal, Helena Demuyneck, Gareth Dyke, Dongyu Hu, François Escuillié, & Philippe Claeys.** 2013. “Reduced plumage and flight ability of a new Jurassic paravian theropod from China.” *Nature Communications* (online @ *nature.com*) **4** (22 January): 1394.
- Godefroid, Pascal, Sofia M. Sinita, Danielle Dhouailly, Yuri L. Bolotsky, Alexander V. Sizov, Maria E. McNamara, Michael J. Benton, & Paul Spagna.** 2014a. “A Jurassic ornithischian dinosaur from Siberia with both feathers and scales.” *Science* **345** (25 July): 451-455.
- . 2014b. “Response to Comment on ‘A Jurassic ornithischian dinosaur from Siberia with both feathers and scales’.” *Science* **346** (24 October): 434.
- Godefroid, Pascal, & Denise Sogogneau-Russell.** 1999. “Kuehneotheriids from Saint-Nicolas-de-Port (Late Triassic of France).” *Geologica Belgica* **2** (3-4): 181-196.
- Godfray, H. Charles, & John H. Lawton.** 2001. “Scale and species numbers.” *Trends in Ecology & Evolution* **16** (July): 400-404.
- Godfrey, Laurie R.** 1981. “An Analysis of the Creationist Film, *Footprints in Stone*.” *Creation/Evolution* **2** (Fall): 23-30.
- , ed. 1983a. *Scientists Confront Creationism*. 1984 pb ed. New York: W. W. Norton & Co.
- . 1983b. “Creationism and Gaps in the Fossil Record,” in Godfrey (1983a, 193-218).
- . 1985. “Foot Notes of an Anatomist.” *Creation/Evolution* **5** (Winter): 16-36.
- . 1987. “The Flood of Antievolutionism,” in Eldredge (1987, 219-221).
- Godfrey, Laurie R., & John R. Cole.** 1989. “Picking a Bone with Philosophers of Science.” *Creation/Evolution* **9** (Fall): 50-53.
- Godfrey, Laurie R., Brooke E. Crowley, & Elizabeth R. Dumont.** 2011. “Thinking outside the box: A lemur’s take on hominin craniodental evolution.” *Proceedings of the National Academy of Sciences* **108** (20 September): E742.
- Godfrey, Stephen J.** 1989a. “The Postcranial Skeletal Anatomy of the Carboniferous tetrapod *Greererpeton burkemoran* Romer, 1969.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **323** (2 February): 75-133.
- . 1989b. “Ontogenetic Changes in the Skull of the Carboniferous tetrapod *Greererpeton burkemorani* Romer, 1969.” *Philosophical Transactions of the Royal Society of London B*

- (Biological Sciences) **323** (2 February): 135-153.
- . 1989c. “Tetrapod Fossil Footprints, Polonium Halos, and the Colorado Plateau.” *Creation/Evolution* **9** (Winter): 8-17.
- Godfrey, Stephen J., Anthony R. Fiorillo, & Robert L. Carroll.** 1987. “A newly discovered skull of the temnospondyl amphibian *Dendrerpeton acadianum* Owen.” *Canadian Journal of Earth Sciences* **24** (April): 796-805.
- Godfrey-Smith, Peter.** 2000. “Information, Arbitrariness, and Selection: Comments on Maynard Smith.” *Philosophy of Science* **67** (June): 202-207.
- . 2015. “Reproduction, symbiosis, and the eukaryotic cell.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10120-10125.
- Godley, Lucy A., & Alfonso Mondragón.** 2011. “Preference by Exclusion.” *Science* **331** (25 February): 1017-1018.
- Godlowski, W., K. Bajan, & P. Flin.** 2006. “Weak redshift discretization in the Local Group of Galaxies?” *Astronomische Nachrichten* **327** (1): 103-113.
- Godoy, Laura, Roser González-Duarte, & Ricard Albalat.** 2006. “S-nitrosogluthathione reductase activity of amphioxus ADH3: insights into the nitric oxide metabolism.” *International Journal of Biological Sciences* **2** (3): 117-124.
- Godwin, Alan R., & Mario R. Capecchi.** 1998. “*Hoxc13* mutant mice lack external hair.” *Genes & Development* **12** (1 January): 11-20.
- Godwin, Douglass, Robert L. Barry, & René Marois.** 2015. “Breakdown of the brain’s functional network modularity with awareness.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3799-3804.
- Godwin, James C., Jeffrey E. Lovich, Joshua R. Ennen, Brian R. Krieser, Brian Folt, & Chris Lechowicz.** 2014. “Hybridization of Two Megacephalic Map Turtles (Testudines: Emydidae: Graptemys) in the Choctawhatchee River Drainage of Alabama and Florida.” *The American Society of Ichthyologists and Herpetologists Copeia* **2014** (4): 725-742.
- Godwin, John.** 1972. *Occult America*. New York: Doubleday.
- Godwin, Ronald S.** 1985. “American Journalists and South Africa—There They Go Again!” *Fundamentalist Journal* **4** (October) *Special Report* insertion: 3.
- Goebbert, Kevin, Hank C. Jenkins-Smith, Kim Klockow, Matthew C. Nowlin, & Carol L. Silva.** 2012. “Weather, Climate, and Worldviews: The Sources and Consequences of Public Perceptions of Changes in Local Weather Patterns.” *Weather, Climate, and Society* **4** (April): 132-144.
- Goebel, Rainer.** 2012. “Position coding in the visual word form area.” *Proceedings of the National Academy of Sciences* **109** (29 May): 9226-9227.
- Goebel, Ted, Michael R. Waters, & Margarita Dikova.** 2003. “The Archaeology of Ushki Lake, Kamchatka, and the Pleistocene Peopling of the Americas.” *Science* **301** (25 July): 501-505.
- Goebel, Ted, Michael R. Waters, & Dennis H. O’Rourke.** 2008. “The Late Pleistocene Dispersal of Modern Humans in the Americas.” *Science* **319** (14 March): 1497-1502.
- Goehring, Lucas, Rebecca Conroy, Asad Akhter, William J. Clegg, & Alexander F. Routh.** 2010. “Evolution of mud-crack patterns during repeated drying cycles.” *Soft Matter* **6** (7 August): 3562-3567.
- Goel, Vinod, & Raymond J. Dolan.** 2003a. “Explaining the modulation of reasoning by belief.” *Cognition* **87** (February): B11-B22.
- . 2003b. “Reciprocal neural response within lateral and ventral medial prefrontal cortex during hot and cold reasoning.” *NeuroImage* **20** (December): 2314-2321.
- Goel, Vinod, Michael Tierney, Laura Sheesley, Angela Bartolo, Oshin Vartanian, & Jordan Grafman.** 2007. “Hemispheric Specialization in Human Prefrontal Cortex for Resolving Certain and Uncertain Inferences.” *Cerebral Cortex* **17** (October): 2245-2250.
- Goertzel, Ted.** 2002. “Myths of Murder and Multiple Regression.” *Skeptical Inquirer* **26** (January/February): 19-23.
- Goessling, Shannon Lee, & Kimberly Stewart Hermann.** 2013. Brief *Amicus Curiae* for the *Southeastern Legal Foundation* (1 August) re: *Town of Greece v. Susan Galloway and*

- Linda Stephens (online pdf at www.americanbar.org accessed 4/13/2014).
- Goetz, James.** 2005. "The Extravagant Creator of Junk DNA." *International Society For Complexity, Information, and Design* posting (online pdf at iscid.org accessed 12/26/2010).
- Goffredo, Theresa.** 2000. "School officials throw extra science materials out of class." *Skagit Valley Herald* (Skagit, Washington) 28 May posting (online text at www.skagitvalleyherald.com accessed 6/5/2001, not available as of 1/18/2014).
- . 2001a. "Marysville on edge over new biology teacher." *The Herald* (Everett, Washington) 10 August posting (online text at www.heraldnet.com accessed 1/10/2002).
- . 2001b. "Science teacher's position approved." *The Herald* (Everett, Washington) 21 August posting (online text at www.heraldnet.com accessed 10/29/2001, not available as of 1/18/2014).
- Gogarten, J. Peter, W. Ford Doolittle, & Jeffrey G. Lawrence.** 2002. "Prokaryotic Evolution in Light of Gene Transfer." *Molecular Biology and Evolution* **19** (December): 2226-2238.
- Gogarten, Johann Peter, Henrik Kibak, Peter Dittrich, Lincoln Taiz, Emma Jean Bowman, Barry J. Bowman, Morris F. Manolson, Ronald J. Poole, Takayasu Date, Tairo Oshima, Jin Konishi, Kimitoshi Denda, & Masasuke Yoshida.** 1989. "Evolution of the vacuolar H⁺-ATPase: Implications for the origin of eukaryotes." *Proceedings of the National Academy of Sciences* **86** (1 September): 6661-6665.
- Gogarten, J. Peter, Ryan D. Murphey, & Lorraine Olendzenski.** 1999. "Horizontal Gene Transfer: Pitfalls and Promises." *The Biological Bulletin* **196** (June): 359-362.
- Gogarten, J. Peter, & Lorraine Olendzenski.** 1999. "Orthologs, paralogs and genome comparisons." *Current Opinion in Genetics & Development* **9** (December): 630-636.
- Gogutchaichvili, Avto, Pierre Camps, & Jaime Urrutia-Fucugauchi.** 2001. "On the features of the geodynamo following reversals or excursions: by absolute geomagnetic paleointensity data." *Physics of the Earth and Planetary Interiors* **124** (1 June): 81-93.
- Goh, Falcia, Michelle A. Allen, Stefan Leuko, Tomohiro Kawaguchi, Alan W. Decho, Brendan P. Burns, & Brett A. Neilan.** 2009. "Determining the specific microbial populations and their spatial distribution within the stromatolite ecosystem of Shark Bay." *International Society for Microbial Ecology The ISME Journal* **3** (April): 383-396.
- Goh, Falcia, Stefan Leuko, Michelle A. Allen, John P. Bowman, Masahiro Kamekura, Brett A. Neilan, & Brendan P. Burns.** 2006. "*Halococcus hamelinensis* sp. nov., a novel halophilic archaeon isolated from stromatolites in Shark Bay, Australia." *International Journal of Systematic and Evolutionary Microbiology* **56** (June): 1323-1329.
- Gohau, Gabriel,** rev. & trans. Albert V. Carozzi & Marguerite Carozzi. 1990. *A History of Geology*. New Brunswick, NJ: Rutgers University Press.
- Göhlich, Ursula B.** 2007. "The oldest fossil record of the extant penguin genus *Spheniscus*—a new species from the Miocene of Peru." *Acta Palaeontologica Polonica* **52** (2): 285-298.
- Göhlich, Ursula B., & Luis M. Chiappe.** 2006. "A new carnivorous dinosaur from the Late Jurassic Solnhofen archipelago." *Nature* **440** (16 March): 329-332.
- Göhlich, Ursula B., Luis M. Chiappe, James M. Clark, & Hans-Dieter Sues.** 2005. "The systematic position of the Late Jurassic alleged dinosaur *Macelognathus* (Crocodylomorpha: Sphenosuchia)." *Canadian Journal of Earth Sciences* **42** (March): 307-321.
- Goidts, Violaine, Justyna M. Szamalek, Pieter J. de Jong, David N. Cooper, Nadia Chuzhanova, Horst Hameister, & Hildegard Kehrer-Sawatzki.** 2005. "Independent intrachromosomal recombination events underlie the pericentric inversions of chimpanzee and gorilla chromosomes homologous to human chromosome 16." *Genome Research* **15** (September): 1232-1242.
- Goin, Francisco J., Judd A. Case, Michael O. Woodburne, Sergio F. Vizcaíno, & Marcelo A. Regnero.** 1999. "New Discoveries of 'Opossum-like' Marsupials from Antarctica (Seymour Island, Medial Eocene)." *Journal of Mammalian Evolution* **6** (December): 335-365.
- Gojobori, Takashi, & William Martin.** 2009. "Welcome to *Genome Biology and Evolution*." *Genome Biology and Evolution* **1**: 1.

- Gokcumen, Omer, Verena Tischler, Jelena Tica, Qihui Zhu, Rebecca C. Iskow, Eunjung Lee, Markus His-Yang Fritz, Amy Langdon, Adrian M. Stütz, Pavlos Pavlidis, Vladimir Benes, Ryan E. Mills, Peter J. Park, Charles Lee, & Jan O. Korbel.** 2013. “Primate genome architecture influences structural variation mechanisms and functional consequences.” *Proceedings of the National Academy of Sciences* **110** (24 September): 15764-15769.
- Gokhale, Chaitanya S., & Arne Traulsen.** 2010. “Evolutionary games in the multiverse.” *Proceedings of the National Academy of Sciences* **107** (23 March): 5500-5504.
- Gokhale, Rewateh H., & Alexander W. Shingleton.** 2015. “Size control: the developmental physiology of body and organ size regulation.” *WIREs Developmental Biology* **4** (July): 335-356.
- Gokhman, David, Eitan Lavi, Kay Prüfer, Mario F. Fraga, José A. Riancho, Janet Kelso, Svante Pääbo, Eran Meshorer, & Liran Carmel.** 2014. “Reconstructing the DNA Methylation Maps of the Neanderthal and the Denisovan.” *Science* **344** (2 May): 523-527.
- Göktas, Fidan, Hubertus Fischer, Hans Oerter, Rolf Weller, Stefan Sommer, & Heinz Miller.** 2002. “A glacio-chemical characterization of the nw EPICA deep-drilling site on Amundsenisen, Dronning Maud Land, Antarctica.” *Annals of Glaciology* **35** (January): 347-354.
- Gokudan, Soutaro, Tatsushi Muta, Ryoko Tsuda, Kumiko Koori, Takeshi Kawahara, Noriaki Seki, Yoshimitsu Mizunoe, Sun N. Wai, Sadaaki Iwanaga, & Sun-ichiro Kawabata.** 1999. “Horseshoe crab acetyl group-recognizing lectins involved in innate immunity are structurally related to fibrinogen.” *Proceedings of the National Academy of Sciences* **96** (31 August): 10086-10091.
- Gold, D. P., A. A. Sicree, & K. Hoover.** 1999. “A strategy for the search and recovery of fossil iron meteorites in sedimentary rocks.” Lunar and Planetary Institute posting of *62nd Annual Meeting of the Meteoritical Society* paper 5211 (online pdf at www.lpi.usra.edu accessed 1/13/2017).
- Gold, David A., Abigail Caron, Gregory P. Fournier, & Roger E. Summons.** 2017. “Paleoproterozoic sterol biosynthesis and the rise of oxygen.” *Nature* **543** (16 March): 420-423.
- Gold, David A., Bruce Runnegar, James G. Gehling, & David K. Jacobs.** 2015. “Ancestral state reconstruction of ontogeny supports a bilaterian affinity for *Dickinsonia*.” *Evolution & Development* **17** (November-December): 315-324.
- Gold, Larry, Nebojsa Janjic, Thale Jarvis, Dan Schneider, Jeffrey J. Walker, Sheri K. Wilcox, & Dom Zichi.** 2012. “Aptamers and the RNA World, Past and Present.” *Cold Spring Harbor Perspectives in Biology* **4** (March): a003582.
- Gold, Thomas.** 1999. *The Deep Hot Biosphere*. New York: Copernicus.
- Goldacre, Ben.** 2007. “Benefits and risks of homoeopathy.” *The Lancet* **370** (17 November): 1672-1673.
- . 2009. “A vintage year. Expect more in 2010.” *The Guardian* posting 19 December (online text at guardian.co.uk accessed 12/22/2009).
- Goldberg, Adele E.** 2008. “Universal Grammar? Or prerequisites for natural language?” *Behavioral and Brain Sciences* **31** (5): 522-523.
- Goldberg, Allon, Derek E. Wildman, Timothy R. Schmidt, Maik Hüttemann, Morris Goodman, Mark L. Weiss, & Lawrence I. Grossman.** 2003. “Adaptive evolution of cytochrome *c* oxidase subunit VIII in anthropoid primates.” *Proceedings of the National Academy of Sciences* **100** (13 May): 5873-5878.
- Goldberg, Amy, Torsten Günther, Noah A. Rosenberg, & Mattias Jakobsson.** 2017a. “Ancient X chromosomes reveal contrasting sex bias in Neolithic and Bronze Age Eurasian migrations.” *Proceedings of the National Academy of Sciences* **114** (7 March): 2657-2662.
- . 2017b. “Reply to Lazaridis and Reich: Robust model-based inference of male-biased admixture during Bronze Age migration from the Pontic-Caspian Steppe.” *Proceedings of the National Academy of Sciences* **114** (16 May): E3875-E3877.
- Goldberg, Amy, Alexis M. Mychajliw, & Elizabeth A. Hadly.** 2016. “Post-invasion

- demography of prehistoric humans in South America.” *Nature* **532** (14 April): 232-235.
- Goldberg, Arthur J.** 1963. *FindLaw* posting of concurring opinion (joined by Justice John Marshall Harlan) to 17 June Supreme Court decision re: *Abington School District v. Schempp* (online text at caselaw.lp.findlaw.com accessed 4/20/2014).
- Goldberg, Bernard.** 2002. *Bias: A CBS Insider Exposes How the Media Distort the News*. Washington, D.C.: Regnery Publishing, Inc.
- Goldberg, David S., Dennis V. Kent, & Paul E. Olsen.** 2010. “Potential on-shore and off-shore reservoirs for CO₂ sequestration in Central Atlantic magmatic province basalts.” *Proceedings of the National Academy of Sciences* **107** (26 January): 1327-1332.
- Goldberg, Emma E., & Boris Igić.** 2008. “On Phylogenetic Tests of Irreversible Evolution.” *Evolution* **62** (November): 2727-2741.
- Goldberg, Emma E., Joshua R. Kohn, Russell Lande, Kelly A. Robertson, Stephen A. Smith, & Boris Igić.** 2010. “Species Selection Maintains Self-Incompatibility.” *Science* **330** (22 October): 493-495.
- Goldberg, Jonah.** 2008. “APS & Global Warming.” *National Review* (19 July): online text accessed 6/26/2011 (www.nationalreview.com).
- . 2012. “Akin’s idiocy is infectious.” *National Review Online* 24 August repost by *American Enterprise Institute* (online text at www.aei.org accessed 8/25/2012).
- Goldberg, Joshua A.** 2009. “APA Report on Sexual Orientation Therapy Draws Praise Despite Skepticisms.” *The Christian Post* (6 August): online text accessed 10/3/2011 (christianpost.com).
- Goldberg, Julia, Steven A. Trewick, & Adrian M. Paterson.** 2008. “Evolution of New Zealand’s terrestrial fauna: a review of molecular evidence.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 October): 3319-3334.
- Goldberg, Michelle.** 2006. *Kingdom Coming: The Rise of Christian Nationalism*. New York: W. W. Norton & Co.
- . 2011. “A Christian Plot for Domination?” *The Daily Beast* 14 August (online text at www.thedailybeast.com accessed 8/23/2011).
- . 2014. “#CancelColbert and the Return of the Anti-Liberal Left.” *The Nation* (2 April): online text accessed 6/3/2014 (thenation.com).
- Goldberg, Paul, Francesco Berna, & Richard I. Macphail.** 2009. “Comment on ‘DNA from Pre-Clovis Human Coprolites in Oregon, North America’.” *Science* **325** (10 July): 148.
- Goldberg, Stanley.** 1967. “Henri Poincaré and Einstein’s Theory of Relativity.” *American Journal of Physics* **35** (October): 934-944.
- . 1970. “Poincaré’s Silence and Einstein’s Relativity: The Role of Theory and Experiment in Poincaré’s Physics.” *The British Journal for the History of Science* **5** (June): 73-84.
- Goldberg, Stanley I.** 2007. “Enantiometric Enrichment on the Prebiotic Earth.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (February): 55-60.
- Goldberg, Steven.** 1999. *Seduced by Science: How American Religion Has Lost Its Way*. New York: New York University Press.
- . 2008. *Bleached Faith: The Tragic Cost When Religion Is Forced into the Public Square*. Stanford, CA: Stanford Law Books.
- Golden, Steve.** 2013. “Science is a Game.” *Stephen Mark Golden* 1 October posting (online text at www.smgolden.com accessed 5/12/2014).
- Golden, Steve, Tim Chaffey, & Ken Ham.** 2012. “Tannin: Sea Serpent, Dinosaur, Snake, Dragon, or Jackal?” *Answers in Genesis* posting 8 August (online text at answersingenesis.org accessed 9/7/2013).
- Goldenberg, Suzanne.** 2012. “US polar bear researcher cleared of scientific misconduct.” *The Guardian* posting 29 September (online text at guardian.co.uk accessed 6/7/2014).
- . 2013. “US congressman cites biblical flood to dispute human link to climate change.” *The Guardian* posting 10 April (online text at guardian.co.uk accessed 4/12/2013).
- Goldfeder, Mark.** 2013. “Polygamy and DOMA.” *The Salt Lake Tribune* posting 11 May: online text accessed 7/20/2013 (www.sltrib.com).
- Goldin, Greg.** 1993. “The 15 Per Cent Solution.” *Theocracy Watches* reprint of 6 April posting

- of *The Nation* article by the *Voice* (online text at www.theocracy.org accessed 1/24/2015).
- Gol'din, Pavel, Dmitry Startsev, & Tatiana Krakhmalnaya.** 2014. "The anatomy of the Late Miocene baleen whale *Cetotherium riabinini* from Ukraine." *Acta Palaeontologica Polonica* **59** (4): 795-814.
- Golding, G. Brian, & Antony M. Dean.** 1998. "The Structural Basis of Molecular Adaptation." *Molecular Biology and Evolution* **15** (April): 355-369.
- Goldin-Meadow, Susan.** 2010. "Hands in the Air: Gestures reveal subconscious knowledge and cement new ideas." *Scientific American Mind* **21** (September/October): 48-55.
- Goldman, Aaron David.** 2014. "Ancient Life in the Information Age." *The Scientist* posting 1 March (online text at the-scientist.com accessed 3/11/2014).
- Goldman, Aaron David, John A. Baross, & Ram Samudrala.** 2012. "The Enzymatic and Metabolic Capabilities of Early Life." *PLoS ONE* (online @ plosone.org) **7** (September): e39912.
- Goldman, Aaron David, & Laura F. Landweber.** 2012. "*Oxytrichia* as a modern analog of ancient genome evolution." *Trends in Genetics* **28** (August): 382-388.
- Goldman, Aaron D., Ram Samudrala, & John A. Baross.** 2010. "The evolution and functional repertoire of translation proteins following the origin of life." *Biology Direct* (online @ biomedcentral.com) **5** (8 April): 15.
- Goldman, Armond S.** 2002. "Evolution of the Mammary Gland Defense System and the Ontogeny of the Immune System." *Journal of Mammary Gland Biology and Neoplasia* **7** (July): 277-289.
- Goldman, Daniel H., Christian M. Kaiser, Anthony Milin, Maurizio Righini, Ignacio Tinoco Jr., & Carlos Bustamante.** 2015. "Mechanical force releases nascent chain-mediated ribosome arrest in vitro and in vivo." *Science* **348** (24 April): 457-460.
- Goldman, Gretchen T., Emily Berman, Michael Halpern, Charise Johnson, Yogin Kothari, Genna Reed, & Andrew A. Rosenberg.** 2017. "Ensuring scientific integrity in the Age of Trump." *Science* **355** (17 February): 696-698.
- Goldman, Michael A.** 2011. "A Means for Ought from Is?" *Science* **331** (21 January): 286.
- Goldman, Nick, Paul Bertone, Siyuan Chen, Christophe Dessimoz, Emily M. LeProust, Botond Sipos, & Ewan Birney.** 2013. "Towards practical, high-capacity, low-maintenance information storage in synthesized DNA." *Nature* **494** (7 February): 77-80.
- Goldman, Rob.** 2013. "Goldman: Hyper Inflation May be Coming." *Townhall Magazine* 18 January (email text via TownHallmail.com accessed 1/23/2013).
- Goldman, Seth R., Richard H. Ebright, & Bryce E. Nickels.** 2009. "Direct Detection of Abortive RNA Transcripts in Vivo." *Science* **324** (15 May): 927-928.
- Goldman, Shalom.** 2010a. "Evangelical Islamophobia as American as Apple Pie." *Religion Dispatches* 1 December posting (online text at religiondispatches.org accessed 12/1/2010).
- . 2010b. "Palin Talks Israel in Anticipation of 2012." *Religion Dispatches* 14 December (online text at religiondispatches.org accessed 12/15/2010).
- . 2012. "Gingrich, Israel, and the Assassinate Obama Comments." *Religion Dispatches* 26 January posting (online text at religiondispatches.org accessed 1/28/2012).
- Goldman-Huertas, Benjamin, Robert F. Mitchell, Richard T. Lapoint, Cécile P. Faucher, John G. Hildebrand, & Noah K. Whiteman.** 2015. "Evolution of herbivory in *Drosophilidae* linked to loss of behaviors, antennal responses, odorant receptors, and ancestral diet." *Proceedings of the National Academy of Sciences* **112** (10 March): 3026-3031.
- Goldner, A., N. Herold, & M. Huber.** 2014. "Antarctic glaciation caused ocean circulation changes at the Eocene-Oligocene transition." *Nature* **511** (31 July): 574-577.
- Goldschmidt, Richard B.** 1952. "Evolution, As Viewed by One Geneticist." *American Scientist* **40** (January): 84-98, 135.
- Goldsmith, David W.** 2009. "On the Origin of Species and the Limits of Science," in Schneiderman & Allmon (2009, 141-159).
- Goldsmith, Donald,** ed. 1977. *Scientists Confront Velikovsky*. Ithaca, NY: Cornell University Press.

- . 2004. “The Best of All Possible Worlds.” *Natural History* **113** (July/August): 44-49.
- Goldstein, Adam M.** 2008. “Evolution by Example.” *Evolution: Education & Outreach* **1** (April): 165-171.
- . 2009. “Charles Darwin’s Manuscripts and Publications on the World Wide Web.” *Evolution: Education & Outreach* **2** (March): 122-135.
- Goldstein, Bob.** 2001. “On the evolution of early development in the Nematoda.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **356** (29 October): 1521-1531.
- Goldstein, David B., & Paul H. Harvey.** 1999. “Evolutionary inference from genomic data.” *BioEssays* **21** (February): 148-156.
- Goldstein, Michael H., Andrew P. King, & Meredith J. West.** 2003. “Social interaction shapes babbling: Testing parallels between birdsong and speech.” *Proceedings of the National Academy of Sciences* **100** (24 June): 8030-8035.
- Goldstein, Steven J., Michael R. Perfit, Rodey Batiza, Daniel J. Fornari, & Michael T. Murrell.** 1994. “Off-axis volcanism at the East Pacific Rise detected by uranium-series dating of basalts.” *Nature* **367** (13 January): 157-159.
- Goldstone, Jared V., Heather H. M. Goldstone, Ann M. Morrison, Ann Tarrant, Suzanne E. Kern, Bruce R. Woodin, & John J. Stegeman.** 2007. “Cytochrome P450 1 Genes in Early Deuterostomes (Tunicates and Sea Urchins) and Vertebrates (Chicken and Frog): Origin and Diversification of the CYP1 Gene Family.” *Molecular Biology and Evolution* **24** (December): 2619-2631.
- Goldstone, Lawrence, & Nancy Goldstone.** 2005. *The Friar and the Cipher: Roger Bacon and the Unsolved Mystery of the Most Unusual Manuscript in the World*. New York: Doubleday.
- Goldsworthy, Adrian.** 2014. *Augustus: First Emperor of Rome*. New Haven, CT: Yale University Press.
- Goldworth Financial.* 2011a. “Warning! New Debt Limit = Crash of Dollar + Inflation.” *Townhall Daily* for 10 June (online text via *TownHallmail.com* accessed 6/11/2011).
- . 2011b. “Warning! Bullion is Illegal, Obama Law Makers.” *Townhall Daily* for 6 July (text via *TownHallmail.com* accessed 7/9/2011).
- Golenberg, Edward M., David E. Giannisi, Michael T. Clegg, Charles J. Smiley, Mary Durbin, David Henderson, & Gerard Zurawski.** 1990. “Chloroplast DNA sequence from a Miocene *Magnolia* species.” *Nature* **344** (12 April): 656-658.
- Golledge, Nicholas R., Christopher J. Fogwill, Andrew N. Mackintosh, & Kevin M. Buckley.** 2012. “Dynamics of the last glacial maximum Antarctic ice-sheet and its response to ocean forcing.” *Proceedings of the National Academy of Sciences* **109** (2 October): 16052-16056.
- Golledge, N. R., D. E. Kowalewski, T. R. Naish, R. H. Levy, C. J. Fogwill, & E. G. W. Gasson.** 2015. “The multi-millennial Antarctic commitment to future sea-level rise.” *Nature* **526** (15 October): 421-425.
- Gollihar, Jimmy, Matthew Levy, & Andrew D. Ellington.** 2014. “Many Paths to the Origin of Life.” *Science* **343** (17 January): 259-260.
- Golomb, Julie D., & Nancy Kanwisher.** 2012. “Retinotopic memory is more precise than spatiotopic memory.” *Proceedings of the National Academy of Sciences* **109** (31 January): 1796-1801.
- Gomes, Anderson José Baia, Cleusa Yoshiko Nagamachi, Luis Reginaldo Ribeiro Rodrigues, Thayse Cristine Melo Benathar, Talita Fernanda Augusto Ribas, Patricia Caroline Mary O’Brien, Fengtang Yang, Malcolm Andrew Ferguson-Smith, & Julio Cesar Pieczarka.** 2016. “Chromosomal phylogeny of Vampyressine bats (Chiroptera, Phyllostomidae) with description of two new sex chromosome systems.” *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **16** (4 June): 119.
- Gomes, R., H. F. Levison, K. Tsiganis, & A. Morbidelli.** 2005. “Origin of the cataclysmic Late Heavy Bombardment period of the terrestrial planets.” *Nature* **435** (26 May): 466-469.
- Gomes Rodrigues, Helder, Pauline Marangoni, Radim Šumbera, Paul Tafforeau, Wim Wendelen, & Laurent Viriot.** 2011. “Continuous dental replacement in a hyper-chisel

- tooth digging rodent.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17355-17359.
- Gómez, Andrés, & Elizabeth Nichols.** 2013. “Neglected wild life: Parasitic biodiversity as a conservation target.” *International Journal for Parasitology: Parasites and Wildlife* **2** (December): 222-227.
- Gomez, Bernard, Véronique Daviero-Gomez, Clément Coiffard, Carles Martin-Closas, & David L. Dilcher.** 2015. “*Montsechia*, an ancient aquatic angiosperm.” *Proceedings of the National Academy of Sciences* **112** (1 September): 10985-10988.
- Gomez, Céline, Ertuğrul Özbudak, Joshua Wunderlich, Diana Baumann, Julian Lewis, & Oliver Pourquié.** 2008. “Control of segment number in vertebrate embryos.” *Nature* **454** (18 June): 335-339.
- Gómez, David Maximiliano, Iris Berent, Silvia Benavides-Varela, Ricardo A. H. Bion, Luigi Cattarossi, Marina Nesper, & Jacques Mehler.** 2014. “Language universals at birth.” *Proceedings of the National Academy of Sciences* **111** (22 April): 5837-5841.
- Gomez, Jesse, Michael A. Barnett, Vaidehi Natu, Aviv Mezer, Nicola Palomero-Gallagher, Kevin S. Weiner, Katrin Amunts, Karl Zilles, & Kalanit Grill-Spector.** 2017. “Microstructural proliferation in human cortex is coupled with the development of face processing.” *Science* **355** (6 January): 68-71.
- Gómez, J. M., A. J. Muñoz-Pajares, M. Abdelaziz, J. Lorite, & F. Perfecti.** 2014. “Evolution of pollination niches and floral divergence in the generalist plant *Erysimum mediohispanicum*.” *Annals of Botany* **113** (January #2): 237-249.
- Gómez, José Maria, Miguel Verdú, Adela González-Megias, & Marcos Méndez.** 2016. “The phylogenetic roots of human lethal violence.” *Nature* **538** (13 October): 233-237.
- Gómez, J. M., & R. Zamora.** 1992. “Pollination by ants: consequences of the quantitative effects on a mutualistic system.” *Oecologia* **91** (September): 410-418.
- Gómez, José M., Regino Zamora, José A. Hódar, & Daniel García.** 1996. “Experimental study of pollination by ants in Mediterranean high mountain and arid habitats.” *Oecologia* **105** (January): 236-242.
- Gomez, Maria del Pilar, Juan M. Angueyra, & Enrico Nasi.** 2009. “Light-transduction in melanopsin-expressing photoreceptors of *Amphioxus*.” *Proceedings of the National Academy of Sciences* **106** (2 June): 9081-9086.
- Gómez-González, Susana, Cristian Torres-Díaz, Carlos Bustos-Schindler, & Ernesto Gianoli.** 2011. “Anthropogenic fire drives the evolution of seed traits.” *Proceedings of the National Academy of Sciences* **108** (15 November): 18743-18747.
- Gómez Licón, Adriana.** 2010. “Times Q&A: Educator to join fellow conservatives on state board.” *El Paso Times* (7 November): online text accessed 2/4/2014 (www.elpasotimes.com).
- Gómez-Marín, Carlos, Juan J. Tena, Rafael D. Acemel, Macarena López-Mayorga, Silvia Naranjo, Elisa de la Calle-Mustienes, Ignacio Maeso, Leonardo Beccari, Ivy Aneas, Erika Vielmas, Paola Bovolenta, Marcelo A. Nobrega, Jaime Carvajal, & José Luis Gómez-Skarmeta.** 2015. “Evolutionary comparison reveals that diverging CTCT sites are signatures of ancestral topological associating domains borders.” *Proceedings of the National Academy of Sciences* **112** (16 June): 7542-7547.
- Gomez-Mestro, Ivan, Robert Alexander Pyron, & John J. Wiens.** 2012. “Phylogenetic Analyses Reveal Unexpected Patterns in the Evolution of Reproductive Modes in Frogs.” *Evolution* **66** (December): 3687-3700.
- Gomez-Ortiz, Eva, & Xavier Belles.** 2009. “MicroRNA-dependent metamorphosis in hemimetabolan insects.” *Proceedings of the National Academy of Sciences* **106** (22 December): 21678-21682.
- Gómez-Robles, Aida.** 2016. “What teeth tell us.” *Nature* **530** (25 February): 425-426.
- Gómez-Robles, Aida, José María Bermúdez de Castro, Juan-Luis Arsuaga, Eudald Carbonell, & P. David Polly.** 2013. “No known hominin species matches the expected dental morphology of the last common ancestor of Neanderthals and modern humans.” *Proceedings of the National Academy of Sciences* **110** (5 November): 18196-18201.

- Gómez-Robles, Aida, William D. Hopkins, Steven J. Schapiro, & Chet C. Sherwood.** 2015. “Relaxed genetic control of cortical organization in human brains compared with chimpanzees.” *Proceedings of the National Academy of Sciences* **112** (1 December): 14799-14804.
- Gómez-Robles, Aida, Jeroen B. Smaers, Ralph L. Holloway, P. David Polly, & Bernard A. Wood.** 2017. “Brain enlargement and dental reduction were not linked in hominin evolution.” *Proceedings of the National Academy of Sciences* **114** (17 January): 468-473.
- Gómez-Valero, Laura, Eduardo P. C. Rocha, Amparo Latorre, & Francisco J. Silva.** 2007. “Reconstructing the ancestor of *Mycobacterium leprae*: The dynamics of gene loss and genome reduction.” *Genome Research* **17** (August): 1178-1185.
- Gompel, Nicolas, & Sean B. Carroll.** 2003. “Genetic mechanisms and constraints governing the evolution of correlated traits in drosophilid flies.” *Nature* **424** (21 August): 931-935.
- Gompert, Zachariah, Thomas L. Parchman, & C. Alex Buerkle.** 2012. “Genomics of isolation in hybrids.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **367** (February): 439-450.
- Gon, S. M. III.** 2008. “Relationship of Naraoiids to Trilobites.” *Trilobites* 24 July revised posting (online text at www.trilobites.info accessed 2/19/2014).
- . 2009a. “Origins of Trilobite.” *Trilobites* 22 January revised posting (online text at www.trilobites.info accessed 2/20/2014).
- . 2009b. “A Pictorial Guide to the Orders of Trilobites.” David Bossard *19th Psalm* posting (online pdf at www.ps-19.org accessed 6/15/2017).
- . 2013. “Trilobite Imposters.” *Trilobites* 16 October revised posting (online text at www.trilobites.info accessed 1/17/2014).
- Gonçalves, Vanessa Faria, Jesper Stenderup, Cláudia Rodrigues-Carvalho, Hilton P. Silva, Higgor Gonçalves-Dornelas, Andersen Líryo, Toomas Kivisild, Anna-Sapfo Malaspinas, Paula F. Campos, Morten Rasmussen, Eske Willerslev, & Sergio Danilo J. Pena.** 2013. “Identification of Polynesian mtDNA haplogroups in remains of Botocudo Amerindians from Brazil.” *Proceedings of the National Academy of Sciences* **110** (16 April): 6465-6469.
- Gonder, Mary Katherine, Sabrina Locatelli, Lora Ghobrial, Matthew W. Mitchell, Joseph T. Kujawski, Felix J. Lankester, Caro-Beth Stewart, & Sarah A. Tishkoff.** 2011. “Evidence from Cameroon reveals differences in the genetic structure and histories of chimpanzee populations.” *Proceedings of the National Academy of Sciences* **108** (22 March): 4766-4771.
- Gondwana Research.* 2003. “Frequently Asked (Or Sometimes Asked Questions About Young Earth Creationist Geology).” *Gondwana Research* 24 February updated posting (online text at gondwanaresearch.com accessed 12/24/2014).
- Gong, Chengnang, & Lynne E. Maquat.** 2011. “lncRNAs transactivate STAU1-mediated mRNA decay by duplexing with 3' UTRs via Alu elements.” *Nature* **470** (10 February): 284-288.
- Gong, Enpu, Larry D. Martin, David A. Burnham, & Amanda R. Falk.** 2010. “The birdlike raptor *Sinornithosaurus* was venomous.” *Proceedings of the National Academy of Sciences* **107** (12 January): 766-768.
- Gong, Peng.** 2012. “Cultural history holds back Chinese research.” *Nature* **481** (26 January): 411.
- Gong, Ying-Chun, Yu-He Yu, Eduardo Villalobo, Fei-Yun Zhu, & Wei Miao.** 2006. “Reevaluation of the Phylogenetic Relationship between Mobilid and Sessilid Peritrichs (Ciliophora, Oligohymenophorea) Based on Small Subunit rRNA Genes Sequences.” *The Journal of Eukaryotic Microbiology* **53** (September-October): 397-403.
- Gong, Zhefeng, Jiangqu Liu, Chao Guo, Yanqiong Zhou, Yan Teng, & Li Liu.** 2010. “Two Pairs of Neurons in the Central Brain Control *Drosophila* Innate Light Preference.” *Science* **330** (22 October): 499-502.
- Gong, Zhenqiang, Nichilos J. Matzke, Bard Ermentrout, Dawn Song, Jann E. Vendetti, Montgomery Slatkin, & George Oster.** 2012. “Evolution of patterns on *Conus* shells.”

- Proceedings of the National Academy of Sciences* **109** (31 January): E234-E241.
- Gongloff, Mark.** 2014. “Krugman Nails DSJ Pulitzer Winner For Misleading Inequality Claim.” *Huffpost Business* posting 2 January (online text at huffingtonpost.com accessed 1/2/2014).
- Gontier, Nathalie.** 2011. “Depicting the Tree of Life: the Philosophical and Historical Roots of Evolutionary Tree Diagrams.” *Evolution: Education & Outreach* **4** (September): 515-538.
- Gonzales-Vigil, Eliana, Christopher M. Bianchetti, George N. Phillips Jr., & Gregg A. Howe.** 2011. “Adaptive evolution of threonine deaminase in plant defense against insect herbivores.” *Proceedings of the National Academy of Sciences* **108** (5 April): 5897-5902.
- Gonzalez, Guillermo.** 2014. “Setting the Stage for Habitable Planets.” *Life* (online @ www.mdpi.com) **4** (March): 35-65.
- Gonzalez, Guillermo, Donald Brownlee, & Peter D. Ward.** 2001. “Refuges for Life in a Hostile Universe.” *Scientific American* **285** (October): 60-67.
- Gonzalez, Guillermo, & Jay W. Richards.** 2004. *The Privileged Planet: How Our Place in the Cosmos Is Designed for Discovery*. Washington, D.C.: Regnery Publishing, Inc.
- . 2009. “Designed for Discovery.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/27/2013).
- González, Josefa, & Dmitri Petrov.** 2009. “MITEs—The Ultimate Parasite.” *Science* **325** (11 September): 1352-1353.
- Gonzalez, Paul, & Christopher B. Cameron.** 2012. “Ultrastructure of the coenecium of *Cephalodiscus* (Hemichordata: Pterobranchia).” *Canadian Journal of Zoology* **90** (October): 1261-1269.
- Gonzalez, Raul, & James M. Swanson.** 2012. “Long-term effects of adolescent-onset and persistent use of cannabis.” *Proceedings of the National Academy of Sciences* **109** (2 October): 15970-15971.
- Gonzalez, Silvia, & David Huddart.** 2006. “The Late Pleistocene Human Occupation of Mexico.” Fundação Museu do Homem Americano (Piauí, Brazil) *FUMDHAMentos VII*: 236-259 online text accessed 12/28/2010 (fumdham.org.br)
- González, Silvia, David Huddart, Matthew R. Bennett, & Alberto González-Huesca.** 2006. “Human footprints in Central Mexico older than 40,000 years.” *Quaternary Science Reviews* **25** (February): 201-222.
- González-Candelas, Fernando, María Alma Bracho, Borys Wróbel, & Andrés Moya.** 2013. “Molecular evolution in court: analysis of a large hepatitis C virus outbreak from an evolving source.” *BMC Biology* (online @ biomedcentral.com) **11** (19 July): 76.
- González Galli, Leonardo Martin, & Elsa N. Meinardi.** 2011. “The Role of Teleological Thinking in Learning the Darwinian Model of Evolution.” *Evolution: Education & Outreach* **4** (March): 145-152.
- González-García, A. César.** 2014. “Carahunge—A Critical Assessment,” in Ruggles (2014, 1453-1460).
- González González, Arturo H., Carmen Rojas Sandoval, Alejandro Terrazas Mata, Martha Benavente Sanvicente, Wolfgang Stinnesbeck, Jeromino Aviles O., Magdalena de los Rios, & Eugenio Acevez.** 2008. “The Arrival of Humans in the Yucatan Peninsula: Evidence from Submerged Caves in the State of Quintana Roo, Mexico.” *Current Research in the Pleistocene* **25**: 1-24.
- González-José, Rolando, & Maria Cátira Bortolini.** 2011. “Integrating Different Biological Evidence Around Some Microevolutionary Processes: Bottlenecks and Asian-American Arctic Gene Flow in the New World Settlement.” *Evolution: Education & Outreach* **4** (June): 232-243.
- González-José, Rolando, Ignacio Escapa, Walter A. Neves, Rubén Cúneo, & Héctor M. Pucciarelli.** 2008. “Cladistic analysis of continuous modularized traits provides phylogenetic signals in *Homo* evolution.” *Nature* **453** (5 June): 775-778.
- González-José, Rolando, Antonio González-Martín, Miquel Hernández, Héctor M. Pucciarelli, Marina Sardi, Alfonso Rosales, & Silvina van der Molen.** 2003. “Cranio-metric evidence for Palaeoamerican survival in Baja California.” *Nature* **425** (4

- September): 62-65.
- Good, Benjamin H., & Michael M. Desai.** 2014. "Deleterious Passengers in Adaptive Populations." *Genetics* **198** (November): 1183-1208.
- Good, Benjamin H., Igor M. Rouzine, Daniel J. Balick, Oskar Hallatschek, & Michael M. Desai.** 2012. "Distribution of fixed beneficial mutations and the rate of adaptation in asexual populations." *Proceedings of the National Academy of Sciences* **109** (27 March): 4950-4955.
- Good, I. J.** 1997. "Where has the billion trillion gone?" *Nature* **389** (23 October): 806-807.
- Good, Irene.** 2002. "The Archaeology of Early Silk." University of Nebraska-Lincoln *Textile Society of America Symposium Proceedings* Paper 388 (online text at digitalcommons.unl.edu accessed 5/14/2014).
- Good, I. L., J. M. Kenoyer, & R. H. Meadow.** 2009. "New Evidence for Early Silk in the Indus Civilization." *Archaeometry* **51** (June): 457-466.
- Good, Jeffrey M., John R. Demboski, David W. Nagorsen, & Jack Sullivan.** 2003. "Phylogeography and Introgressive Hybridization: Chipmunks (Genus *Tamias*) in the Northern Rocky Mountains." *Evolution* **57** (August): 1900-1916.
- Good, Jeffrey M., Sarah Hird, Noah Reid, John R. Demboski, Scott J. Stepan, Tina R. Martin-Nims, & Jack Sullivan.** 2008. "Ancient hybridization and mitochondrial capture between two species of chipmunks." *Molecular Ecology* **17** (March): 1313-1327.
- Good, Jeffrey M., & Jack Sullivan.** 2001. "Phylogeography of the red-tailed chipmunk (*Tamias ruficaudus*), a northern Rocky Mountain endemic." *Molecular Ecology* **10** (November): 2683-2695.
- Good, Marie, Michael Inzlicht, & Michael J. Larson.** 2015. "God will forgive: reflecting on God's love decreases neurophysiological responses to errors." *Social Cognitive & Affective Neuroscience* **10** (March): 357-363.
- Good, Ron, Mark Hafner, & Patsy Peebles.** 2000. "Scientific Understanding of Sexual Orientation: Implications for Science Education." *The American Biology Teacher* **62** (May): 326-330.
- Good, Thomas R., & A. A. Ekdale.** 2014. "Paleoecology and Taphonomy of Trace Fossils in the Eolian Upper Triassic/Lower Jurassic Nugget Sandstone, Northeastern Utah." *Palaios* **29** (August): 401-413.
- Goodacre, Mark.** 2014a. "Jesus' Wife Fragment: the Forgery of the Associated Fragment." *NT Blog* 25 April posting (online text at ntweblog.blogspot.it accessed 7/15/2014).
- . 2014b. "Illustrating the forgery of Jesus' wife's sister fragment." *NT Blog* 25 April posting (online text at ntweblog.blogspot.it accessed 7/15/2014).
- Goodarzi, Hani, Noorossadat Torabi, Hamed Shateri Najafabadi, & Marco Archetti.** 2008. "Amino acid and codon usage profiles: Adaptive changes in the frequency of amino acids and codons." *Gene* **407** (15 January): 30-41.
- Goodavage, Joseph F.** 1967. *Astrology: The Space Age Science*. New York: Signet Books.
- . 1968. *White Your Own Horoscope*. Pb ed. New York: Signet Books.
- . 1973a. "Contact with Extraterrestrial Life!" *Saga's 1973 UFO Special*: 28-31, 68, 70, 72, 74.
- . 1973b. *The Comet Kohoutek*. New York: Pinnacle Books.
- Good-Avila, Sara V., Valeria Souza, Brandon S. Gaut, & Luis E. Eguiarte.** 2006. "Timing and rate of speciation in *Agave* (Agavaceae)." *Proceedings of the National Academy of Sciences* **103** (13 June): 9124-9129.
- Goodbread, Chase.** 2014. "Former Packers LB Rich Wingo wins Alabama House election." *NFL* 4 June posting (online text at www.nfl.com accessed 5/8/2015).
- Goode, Debbie K., Heather A. Callaway, Gustavo A. Cerda, Katherine E. Lewis, & Greg Elgar.** 2011. "Minor change, major difference: divergent functions of highly conserved cis-regulatory elements subsequent to whole genome duplication events." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **138** (1 March): 879-884.
- Goode, Erich.** 2000. "Two Paranormalisms or Two and a Half? An Empirical Exploration." *Skeptical Inquirer* **24** (January/February): 29-35.

- . 2001. “A Comment on ‘The Relationship Between Paranormal Beliefs and Religious Beliefs’: *Response to Glenn Sparks*.” *Skeptical Inquirer* **25** (September/October): 56.
- . 2002. “Education, Scientific Knowledge, and Belief in the Paranormal.” *Skeptical Inquirer* **26** (January/February): 24-27.
- Goodenbour, Jeffrey M., & Tao Pan.** 2006. “Diversity of tRNA genes in eukaryotes.” *Nucleic Acids Research* **34** (December #21): 6137-6146.
- Goodenough, Anne E., Natasha Little, William S. Carpenter, & Adam G. Hart.** 2017. “Birds of a feather flock together: Insights into starling murmuration behaviour revealed using citizen science.” *PLoS ONE* (online @ plosone.org) **12** (June): e0179277.
- Goodenough, Ursula, & Joseph Heitman.** 2014. “Origins of Eukaryotic Sexual Reproduction.” *Cold Spring Harbor Perspectives in Biology* **6** (March): a016154.
- Goodfriend, Glenn A., & Stephen Jay Gould.** 1996. “Paleontology and Chronology of Two Evolutionary Transitions by Hybridization in the Bahamian Land Snail *Cerion*.” *Science* **274** (13 December): 1894-1897.
- Goodfriend, Glenn A., & Daniel Jean Stanley.** 1999. “Rapid strand-plain accretion in the northeastern Nile Delta in the 9th century A.D. and the demise of the port of Pelusium.” *Geology* **27** (February): 147-150.
- Goodge, John W.** 2007. “Metamorphism in the Ross orogen and its bearing on Gondwana margin tectonics.” *The Geological Society of America Special Papers* **419**: 185-203.
- Goodge, J. W., J. D. Vervoort, C. M. Fanning, D. M. Brecke, G. L. Farmer, I. S. Williams, P. M. Myrow, & D. J. DePaolo.** 2008. “A Positive Test of East Antarctica-Laurentia Juxtaposition Within the Rodinia Supercontinent.” *Science* **321** (11 July): 235-240.
- Goodier, John L., & Haig H. Kazazian Jr.** 2008. “Retrotransposons Revisited: The Restraint and Rehabilitation of Parasites.” *Cell* **135** (3 October): 23-35.
- Goodier, John L., Eric M. Ostertag, Kevin Du, & Haig H. Kazazian Jr.** 2001. “A Novel Active L1 Retroposon Subfamily in the Mouse.” *Genome Research* **11** (October): 1677-1685.
- Gooding, Rebecca A., Christopher D. G. Hartley, & Emily Tang.** 2009. “Elevated water temperature and carbon dioxide concentration increase the growth of a keystone echinoderm.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9316-9321.
- Goodisman, Michael A. D., Jun Isoe, Diana E. Wheeler, & Michael A. Wells.** 2005. “Evolution of Insect Metamorphosis: A Microarray-based Study of Larval and Adult Gene Expression in the Ant *Camponotus Festinatus*.” *Evolution* **59** (April): 858-870.
- Goodman, Arnold F., Cláudia M. Bellato, & Lily Khidr.** 2005. “The Uncertain Future for Central Dogma.” *The Scientist* posting 20 June (online text at *the-scientist.com* accessed 6/22/2005).
- Goodman, Corey, & Bridget C. Coughlin.** 2000. “The evolution of evo-devo biology.” *Proceedings of the National Academy of Sciences* **97** (25 April): 4424-4425.
- Goodman, Jeffrey.** 1979. *We Are the Earthquake Generation*. New York: Berkley Books.
- . 1981. *American Genesis: The American Indian and the Origins of Modern Man*. New York: Summit Books.
- Goodman, Morris, & Kirstin N. Sterner.** 2010. “Phylogenomic evidence of adaptive evolution in the ancestry of humans.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8918-8923.
- Goodman, Morris, Kirstin N. Sterner, Munirul Islam, Monica Uddin, Chet C. Sherwood, Patrick R. Hof, Zhuo-Cheng Hou, Leonard Lipovich, Hui Jia, Lawrence I. Grossman, & Derek E. Wildman.** 2009. “Phylogenomic analyses reveal convergent patterns of adaptive evolution in elephant and human ancestries.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20824-20829.
- Goodman, Myron F., & D. Kuchnir Fygenon.** 1998. “DNA Polymerase Fidelity: From Genetics Toward a Biochemical Understanding.” *Genetics* **148** (April): 1475-1482.
- Goodman, Rachel M.** 2008. “Celebrate Darwin Day, An Event for Education and Outreach in Evolutionary Biology.” *Evolution: Education & Outreach* **1** (July): 306-311.
- Goodman, Stephanie.** 2016. “Robert De Niro Pulls Anti-Vaccine Documentary From Tribeca

- Film Festival.” *The New York Times* posting 26 March: online text accessed 3/27/2016 (www.nytimes.com).
- Goodson, Holly V., & Scott C. Dawson.** 2006. “Multiplying myosins.” *Proceedings of the National Academy of Sciences* **103** (7 March): 3498-3499.
- Goodson, James L., David Kabelik, Aubrey M. Kelly, Jacob Rinaldi, & James D. Klatt.** 2009. “Midbrain dopamine neurons reflect affiliation phenotypes in finches and are tightly coupled to courtship.” *Proceedings of the National Academy of Sciences* **106** (26 May): 8737-8742.
- Goodson, James L., Aubrey M. Kelly, Marcy A. Kingsbury, & Richmond R. Thompson.** 2012. “An aggression-specific cell type in the anterior hypothalamus of finches.” *Proceedings of the National Academy of Sciences* **109** (21 August): 13847-13852.
- Goodson, James L., Sarah E. Schrock, James D. Klatt, David Kabelik, & Marcy A. Kingsbury.** 2009. “Mesotocin and Nonapeptide Receptors Promote Estrildid Flocking Behavior.” *Science* **325** (14 August): 862-866.
- Goodson, James L., Lea C. Wilson, & Sarah E. Schrock.** 2012. “To flock or fight: Neurochemical signatures of divergent life histories in sparrows.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10685-10692.
- Goodspeed, Danielle, E. Wassim Chehab, Amelia Min-Venditti, Janet Braam, & Michael F. Covington.** 2012. “*Arabidopsis* synchronizes jasmonate-mediated defense with insect circadian behavior.” *Proceedings of the National Academy of Sciences* **109** (20 March): 4674-4677.
- Goodstein, Laurie.** 2005. “Evolution Trial in Hands of Willing Judge.” *The New York Times* posting 18 December: online text accessed 9/17/2014 (www.nytimes.com).
- . 2012. “Church Puts Legal Pressure on Abuse Victims’ Group.” *The New York Times* posting 12 March: online text accessed 3/19/2012 (www.nytimes.com).
- . 2014. “Fresh Doubts Raised About Papyrus Scrap Known as ‘Gospel of Jesus’ Wife’.” *The New York Times* posting 4 May: online text accessed 7/15/2014 (www.nytimes.com).
- Goodstein, Laurie, & Mark Oppenheimer.** 2014. “Secular Group, on Eve of Big Meeting, Fires Top Official Who Elevated Its Profile.” *The New York Times* posting 6 June: online text accessed 7/25/2014 (www.nytimes.com).
- Goodwin, Brian C.** 1985. “What Are the Causes of Morphogenesis?” *BioEssays* **3** (July): 32-36.
- . 1994. *How the Leopard Changed Its Spots: The Evolution of Complexity*. New York: Charles Scribner’s Sons.
- Goodwin, B. C., J. L. Skelton, & S. M. Kirk-Bell.** 1983. “Control of regeneration and morphogenesis by divalent cations in *Acetabularia*.” *Planta* **157** (February): 1-7.
- Goodwin, C. W.** 1860. “On the Mosaic Cosmogony,” in Parker (1860, 207-253).
- Goodwin, Jay T., Anil K. Mehta, & David G. Lynn.** 2012. “Digital and Analog Chemical Evolution.” *Accounts of Chemical Research* **45** (December): 2189-2199.
- Goodwin, Mark B., & John R. Horner.** 2004. “Cranial histology of pachycephalosaurs (Ornischia: Marginocephalia) reveals transitory structures inconsistent with head-butting behavior.” *Paleobiology* **30** (June): 253-267.
- Goodwin, Rob.** 2013. “Enlightenment’s Islam: A ‘Necessary Fiction’.” *Religion Dispatches* 12 July (online text at religiondispatches.org accessed 7/31/2013).
- Goodwin, Simon, with John Gribbin.** 2001. *XTL: Extraterrestrial life and how to find it*. London: Cassell & Co.
- Gooley, Joshua J., Shantha M. W. Rajaratnam, George C. Brainard, Richard E. Kronauer, Charles A. Czeisler, & Steven W. Lockley.** 2010. “Spectral Responses of the Human Circadian System Depend on the Irradiance and Duration of Exposure to Light.” *Science Translational Medicine* **2** (12 May): 31ra33.
- Goose, Hughes.** 2010. “Degrees of climate feedback.” *Nature* **463** (29 January): 438-439.
- Gootee, Brian F.** 2014. “The Redwall Limestone: The fascinating history and character of the Canyon’s greatest hiking impediment.” Arizona Geological Survey 30 April posting of 8-9 February *Guide Training Seminar* (online pdf at www.azgs.gov accessed 7/1/2017).

- Göpel, Christa, Gerard Manhès, & Claude J. Allègre.** 1992. “U-Pb study of the Acapulco meteorite.” *Meteoritics & Planetary Science* **27** (3): 226.
- . 1994. “U-Pb systematics of phosphates from equilibrated ordinary chondrites.” *Earth and Planetary Science Letters* **121** (January): 153-171.
- Gopinath, Purushothaman, Vijayakumar Ramalingam, & Ronald Breslow.** 2015. “Magnesium pyrophosphates in enzyme mimics of nucleotide synthases and kinases and in their prebiotic chemistry.” *Proceedings of the National Academy of Sciences* **112** (29 September): 12011-12014.
- Gopnik, Alison.** 2012. “Scientific Thinking in Young Children: Theoretical Advances, Empirical Research, and Policy Implications.” *Science* **337** (28 September): 1623-1627.
- . 2014. “See Jane Evolve: Picture Books Explain Darwin.” *The Wall Street Journal* posting 18 April: online text accessed 5/23/2014 (online.wsj.com).
- Gopnik, Alison, Shaun O’Grady, Christopher G. Lucas, Thomas L. Griffiths, Adrienne Wenthe, Sophie Bridgers, Rosie Aboody, Hoki Fung, & Ronald E. Dahl.** 2017. “Changes in cognitive flexibility and hypothesis search across human life history from childhood to adolescence to adulthood.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7892-7899.
- Gora, Joe.** 2009. “Interview with William Dembski: The End of Christianity.” *Evangelical Philosophical Society* 24 November blog posting (online text at blog.epsociety.org accessed 7/15/2014).
- Goral, Vasily, Marina I. Nelen, Alexey V. Eliseev, & Jean-Marie Lehn.** 2001. “Double-level ‘orthogonal’ dynamic combinatorial libraries on transition metal template.” *Proceedings of the National Academy of Sciences* **98** (13 February): 1347-1352.
- Gorbalenya, Alexander E., Fiona M. Pringle, Jean-Louis Zeddam, Brian T. Luke, Craig E. Cameron, James Kalmakoff, Terry N. Hanzlik, Karl H. J. Gordon, & Vernon K. Ward.** 2002. “The Palm Subdomain-based Active Site is Internally Permuted in Viral RNA-dependent RNA Polymerases of an Ancient Lineage.” *Journal of Molecular Biology* **324** (15 November): 47-62.
- Gorbunov, Dmitry, Mattia Sturlese, Florian Nies, Murielle Kluge, Massimo Bellanda, Roberto Battistutta, & Dominik Oliver.** 2014. “Molecular architecture and the structural basis for anion interaction in prestin and SLC26 transporters.” *Nature Communications* (online @ nature.com) **5** (8 April): 3622.
- Gordan, Rachel.** 2012. “Why Taking Offense at Santorum’s ‘Tri-Faith’ Nation is a Good Sign.” *Religion Dispatches* 26 March posting (online text at religiondispatches.org accessed 3/28/2012).
- Gordin, Michael D.** 2012. *The Pseudoscience Wars: Immanuel Velikovsky and the Birth of the Modern Fringe*. Chicago: University of Chicago Press.
- Gordon, Adam D.** 2006. “Scaling of Size and Dimorphism in Primates II: Macroevolution.” *International Journal of Primatology* **27** (February): 63-105.
- Gordon, Adam D., Lisa Nevell, & Bernard Wood.** 2008. “The *Homo floresiensis* cranium (LB1): Size, scaling, and early *Homo* affinities.” *Proceedings of the National Academy of Sciences* **105** (25 March): 4650-4655.
- Gordon, Bruce L.** 2009a. “The Scientific Status of Design Inferences.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/27/2013).
- . 2009b. “Why Quantum Theory Does Not Support Materialism.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* posting of 1 May article (online text at www.4truth.net accessed 11/27/2013).
- . 2010. “Hawking irrational arguments.” *The Washington Times* posting 1 October: online text accessed 10/6/2010 (www.washingtontimes.com).
- . 2013. “Section Four—Biological Information and Self-Organizational Complexity Theory: Introductory Comments,” in Marks *et al.* (2013a, 510-512).
- . 2014. “A Matter of Considerable Gravity: On the Purported Detection of Gravitational Waves and Cosmic Inflation.” Discovery Institute *Evolution News & Views* 4 April posting

- (online text at *evolutionnews.org* accessed 4/11/2014).
- . 2016. “What Should We Make of Gravity-Wave Detection?” Discovery Institute *Evolution News & Views* 19 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
- Gordon, Bruce, & William Dembski**, eds. 2009. *The Nature of Nature: Examining the Role of Naturalism in Science*. Wilmington, DE: ISI Books.
- Gordon, Cyrus H.** 1962. *Before the Bible: The Common Background of Greek and Hebrew Civilisations*. New York: Harper & Row.
- . 1968a. “The Authenticity of the Phoenician Text from Parahyba.” *Orientalia* **37**: 75-80.
- . 1968b. “The Canaanite Text from Brazil.” *Orientalia* **37**: 425-436.
- . 1968c. “Reply to Professor Cross.” *Orientalia* **37**: 461-463.
- . 1971. *Before Columbus: Links Between the Old World and Ancient America*. New York: Crown.
- . 1974. *Riddles in History*. New York: Crown.
- Gordon, David, John Huddleston, Mark J. P. Chaisson, Christopher M. Hill, Zev N. Kronenberg, Katherine M. Munson, Maika Malig, Archana Raja, Ian Fiddes, LaDeana W. Hillier, Christopher Dunn, Carl Baker, Joel Armstrong, Mark Diekhans, Benedict Paten, Jay Shendure, Richard K. Wilson, David Haussler, Chen-Shan Chin, & Evan E. Eichler.** 2016. “Long-read sequence assembly of the gorilla genome.” *Science* **352** (1 April): aae0344.
- Gordon, Ilanit, Brent C. Vander Wyk, Randi H. Bennett, Cara Cordeaux, Molly V. Lucas, Jeffrey A. Eilbott, Orna Zagoory-Sharon, James F. Leckman, Ruth Feldman, & Kevin A. Pelphrey.** 2013. “Oxytocin enhances brain function in children with autism.” *Proceedings of the National Academy of Sciences* **110** (24 December): 20953-20958.
- Gordon, Jonathan L., David Armisen, Estelle Proux-Wéra, Seán S. ÓhÉigeartaigh, Kevin P. Byrne, & Kenneth H. Wolfe.** 2011. “Evolutionary erosion of yeast sex chromosomes by mating-type switching accidents.” *Proceedings of the National Academy of Sciences* **108** (13 December): 20024-20029.
- Gordon, Jonathan L., Kevin P. Byrne, & Kenneth H. Wolfe.** 2011. “Mechanisms of Chromosome Number Evolution in Yeast.” *PLoS Genetics* (online @ plosgenetics.org) **7** (July): e1002190.
- Gordon, Julie.** 2011. “Rare dinosaur found in Canada’s oil sands.” *Reuters* 25 March posting (online text at *www.ca.reuters.com* accessed 1/29/2014).
- Gordon, Malcolm S.** 1999. “The Concept of Monophyly: A Speculative Essay.” *Biology and Philosophy* **14** (July): 331-348.
- Gordon, Malcolm S., & Everett C. Olson.** 1995. *Invasions of the Land: The Transitions of Organisms from Aquatic to Terrestrial Life*. New York: Columbia University Press.
- Gordon, Peter.** 2004. “Numerical Cognition Without Words: Evidence from Amazonia.” *Science* **306** (15 October): 496-499.
- Gordon Research Seminar.* 2008. “Origin of Life.” *Gordon Research Seminar* posting of 20-25 January seminar program schedule (online text at *www.grc.org* accessed 11/13/2007).
- . 2016. “Origins of Life.” *Gordon Research Seminar* posting of 16-17 January seminar program schedule (online text at *www.grc.org* accessed 1/24/2017).
- Gore, Athurva, Zhe Li, Ho-Lim Fung, Jessica E. Young, Suneet Agarwal, Jessica Antosiewicz-Bourget, Isabel Canto, Alessandra Giorgetti, Mason A. Israel, Evangelos Kiskinis, He-Hyuk Lee, Yuin-Han Loh, Philip D. Manos, Nuria Montserrat, Athanasia D. Panopoulos, Sergio Ruiz, Melissa L. Wilbert, Junying Yu, Ewen F. Kirkness, Juan Carlos Izpisua Belmonte, Derrick J. Rossi, James A. Thomson, Kevin Eggan, George Q. Daley, & Lawrence S. B. Goldstein.** 2011. “Somatic coding mutations in human induced pluripotent stem cells.” *Nature* **471** (3 March): 63-67.
- Gore, J., D. E. James, T. G. Zengeni, & O. Gwava.** 2009. “Crustal structure of the Zimbabwe Craton and the Limpopo Belt of Southern Africa: New constraints from seismic data and implications for its evolution.” *South African Journal of Geology* **112** (December): 213-228.

- Gore, Jeff, Hyun Youk, & Alexander van Oudenaarden.** 2009. "Snowdrift dynamics and facultative cheating in yeast." *Nature* **459** (14 May): 253-256.
- Gore, Rick.** 1989. "Extinctions." *National Geographic* **175** (June): 662-699.
- . 1993. "Explosion of Life: The Cambrian Period." *National Geographic* **184** (October): 120-136.
- . 1996. "Neandertals." *National Geographic* **189** (January): 2-35.
- . 1997a. "The First Step." *National Geographic* **191** (February): 72-99.
- . 1997b. "Expanding World." *National Geographic* **191** (May): 84-109.
- . 1997c. "The First Europeans." *National Geographic* **192** (July): 96-113.
- . 1997d. "Tracking the First of Our Kind." *National Geographic* **192** (September): 92-99.
- . 2000. "People Like Us." *National Geographic* **198** (July): 90-117.
- . 2002. "New Find." *National Geographic* **202** (August): 10 pp. preceding 1.
- . 2003. "The Rise of the Mammals." *National Geographic* **203** (April): 2-37.
- Gorelick, Root.** 2001. "Did insect pollination cause increased seed plant diversity?" *Biological Journal of the Linnean Society* **74** (December): 407-427.
- Gorelik, Gregory, & Todd K. Shackelford.** 2011. "Culture of deception." *Behavioral and Brain Sciences* **34** (1): 24-25.
- Goremykin, Vadim V., Francesco Salamini, Riccardo Velasco, & Roberto Viola.** 2009. "Mitochondrial DNA of *Vitis vinifera* and the Issue of Rampant Horizontal Gene Transfer." *Molecular Biology and Evolution* **26** (January): 99-110.
- Goren, Ben.** 2014. "The Jesus Challenge." *Why Evolution Is True* guest posting 5 September (online text at whyevolutionistrue.wordpress.com accessed 9/6/2014).
- Gorenfeld, John.** 2004. "Hail to the Moon king." *Salon.com* 21 June (online text at salon.com accessed 9/17/2012).
- Goren-Inbar, Naama, Nira Alperson, Mordechai E. Kislev, Orit Simchoni, Yoel Melamed, Adi Ben-Nun, & Ella Werker.** 2004. "Evidence of Hominin Control of Fire at Gesher Benot Ya'aqov, Israel." *Science* **304** (30 April): 725-727.
- Goriely, Stephane, Andreas Bauswein, & Hans-Thomas Janka.** 2011. "*r*-Process Nucleosynthesis in Dynamically Ejected Matter of Neutron Star Mergers." *The Astrophysical Journal Letters* **738** (10 September): L32.
- Gorini, Luigi.** 1970. "Informational Suppression." *Annual Review of Genetics* **4**: 107-134.
- Goring, Daphne, & Emily Indriolo.** 2010. "How plants avoid incest." *Nature* **466** (19 August): 926-928.
- Gorlin, Scott, Ming Meng, Jitendra Sharma, Hiroki Sugihara, Mriganka Sur, & Pawan Sinha.** 2012. "Imaging prior information in the brain." *Proceedings of the National Academy of Sciences* **109** (15 May): 7935-7940.
- Gorman, James.** 2017. "Challenging Mainstream Thought About Beauty's Big Hand in Evolution." *The New York Times* posting 29 May: online text accessed 6/10/2017 (www.nytimes.com).
- Gorman, Jason, Feng Wang, Sy Redding, Aaron J. Plys, Teresa Fazio, Shalom Wind, Eric E. Alani, & Eric C. Greene.** 2012. "Single-molecule imaging reveals target-search mechanisms during DNA mismatch repair." *Proceedings of the National Academy of Sciences* **109** (6 November): E3074-E3083.
- Gorman, Linda.** 1999. "Defying Darwin." *Colorado Daily* (7 September) posting at *Access Research Network* (online text at www.arn.org accessed 6/18/2001).
- Gornik, Sebastian G., Febrimarsa, Andrew M. Cassin, James I. MacRae, Abhinay Ramaprasad, Zineb Rchiad, Malcolm J. McConville, Antony Bacic, Geoffrey I. McFadden, Arnab Pain, & Ross F. Waller.** 2015. "Endosymbiosis undone by stepwise elimination of the plastid in a parasitic dinoflagellate." *Proceedings of the National Academy of Sciences* **112** (5 May): 5767-5772.
- Gorokhovich, Yuri.** 2005. "Abandonment of Minoan palaces on Crete in relation to the earthquake induced changes in groundwater supply." *Journal of Archaeological Science* **32** (February): 217-222.
- Gorra, Joe.** 2009. "Interview with William Dembski: The End of Christianity." *Evangelical*

- Philosophical Society* article (online text at *epsociety.org* accessed 8/27/2010).
- Gorski, David.** 2014. “Homeopathy in the ICU?” *Science-Based Medicine* 5 July posting (online text at *sciencebasedmedicine.org* accessed 4/22/2017).
- Gortmaker, Steven L.** 2011. “Changing the future of obesity: science, policy, and action.” *The Lancet* **378** (27 August): 838-847.
- Gorzela, Przemyslaw, Mariusz A. Salamon, & Thomas K. Baumiller.** 2012. “Predator-induced macroevolutionary trends in Mesozoic crinoids.” *Proceedings of the National Academy of Sciences* **109** (1 May): 7004-7007.
- Gosden, Chris.** 2010. “When Humans Arrived in the New Guinea Highlands.” *Science* **330** (1 October): 41-42.
- Gosink, Khoosheh K., & Claudia C. Häse.** 2000. “Requirements for Conversion of the Na⁺-Driven Flagellar Motor of *Vibrio cholerae* to the H⁺-Driven Motor of *Escherichia coli*.” *Journal of Bacteriology* **182** (August, No. 15): 4234-4240.
- Gosling, David I.** 2013. “*Hindu Perspectives on Evolution: Darwin, Dharma, and Design*, by C. Mackenzie Brown.” *Reports of the National Center for Science Education* **33** (November-December): 5.1-5.3.
- Gospic, Katarina, Marcus Sundberg, Johanna Maeder, Peter Fransson, Predrag Petrovic, Gunnar Isacson, Anders Karlström, & Martin Ingvar.** 2014. “Altruism costs—the cheap signal from amygdala.” *Social Cognitive & Affective Neuroscience* **9** (September): 1325-1332.
- Gosselin, Blanche.** 1989. “Henry Ward Beecher: He Left His Mark on American Preaching.” *Fundamentalist Journal* **8** (February): 32-34.
- Gosselin, G., P. More, & P. Mohr.** 2010. “Modification of nuclear transitions in stellar plasma by electronic processes: *K*-isomers in ¹⁷⁶Lu and ¹⁸⁰Ta under s-process conditions.” *Physical Review C (nuclear physics)* **73** (May): 055808.
- Gosselin, Pierre L.** 2012. “Australian Psychologists Now Claim Climate Science Skeptics Are The True Moon-Landing Conspiracy Theorists.” *No Tricks Zone* 29 July posting (online text at *notrickszone.com* accessed 5/4/2013).
- Gosselin, Robert.** 2013. “It’s Up To You... Your Vote Will Decide the Future.” *Robert Gosselin* Oakland County Commissioner campaign website posting (online text at *robertgosselin.com/* accessed 1/2/2014).
- Gosselin, Robert, Valde Garcia, Barb Vander Veen, Kenneth Bradstreet, Steve Vear, Jerry Kooiman, Lauren Hager, Joanne Voorhees, Wayne Kuipers, & Susan Tabor.** 2001. “House Bill No. 4382.” Michigan House of Representatives 28 February legislative posting (online text at *www.legislature.mi.gov* accessed 1/2/2014).
- Gossmann, Toni I., Bao-Hua Song, Aaron J. Windsor, Thomas Mitchell-Olds, Christopher J. Dickson, Maxim V. Kapralov, Dmitry A. Filatov, & Adam Eyre-Walker.** 2010. “Genome Wide Analyses Reveal Little Evidence for Adaptive Evolution in Many Plant Species.” *Molecular Biology and Evolution* **27** (August): 1822-1832.
- Gostling, Neil J., Philip C. J. Donoghue, & Stefan Bengtson.** 2007. “The earliest fossil embryos begin to mature.” *Evolution & Development* **9** (May-June): 206-207.
- Gostling, Neil J., Ceri-Wyn Thomas, Jenny M. Greenwood, Xiping Dong, Stefan Bengtson, Elizabeth C. Raff, Rudolf A. Raff, Bernard M. Degnan, Marco Stampanoni, & Philip C. J. Donoghue.** 2008. “Deciphering the fossil record of early bilaterian embryonic development in light of experimental taphonomy.” *Evolution & Development* **10** (May-June): 339-349.
- Goswami, Anjali.** 2012. “A dating success story: genomes and fossils converge on placental mammal origins.” *EvoDevo* (online @ *evodevojournal.com*) **3** (August): 18.
- Goswami, Anjali, Wendy J. Binder, Julie Meachen, & F. Robin O’Keefe.** 2015. “The fossil record of phenotypic integration and modularity: A deep-time perspective on developmental and evolutionary dynamics.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4891-4896.
- Goswami, Anjali, Nick Milne, & Stephen Wroe.** 2011. “Biting through constraints: cranial morphology, disparity and convergence across living and fossil carnivorous mammals.”

- Proceedings of the Royal Society of London B* (Biological Sciences) **278** (22 June): 1831-1839.
- Goswami, Anjali, Guntupalli V. R. Prasad, Paul Upchurch, Dong M. Boyer, Erik R. Seiffert, Omkar Verma, Emmanuel Gheerbrant, & John J. Flynn.** 2011. "A radiation of arboreal basal eutherian mammals beginning in the Late Cretaceous of India." *Proceedings of the National Academy of Sciences* **108** (27 September): 16333-16338.
- Gotch, Al.** 2013. "Andromeda Galaxy and Borel's Law." *Akron Fossils & Science Center 23* February posting (online text at www.akronfossils.com accessed 9/30/2013).
- Gotea, Valer, & Wojciech Makalowski.** 2006. "Do transposable elements really contribute to proteomes?" *Trends in Genetics* **22** (May): 260-267.
- Gothard, Bill.** 2010. *The Power of ONE ACCORD: Commands of Christ Power Manual #1.* Embassy University pamphlet (online text at iblp.org accessed 10/1/2010).
- Gothelf, Kurt V.** 2012. "LEGO-like DNA Structures." *Science* **338** (30 November): 1159-1160.
- Gotoh, T., H. Noda, T. Fujita, K. Iwadate, Y. Higo, S. Saito, & S. Ohtsuka.** 2005. "Wolbachia and nuclear-nuclear interactions contribute to reproductive incompatibility in the spider mite *Panonychus mori* (Acari: Tetranychidae)." *Heredity* **94** (February): 237-246.
- Got Questions.** 2009. "How does the geologic timescale fit with the view of a young earth?" *GotQuestions?* undated posting (online text at www.gotquestions.org accessed 5/28/2009).
- . 2014a. "Does the Bible condone slavery?" *GotQuestions?* undated posting (online text at www.gotquestions.org accessed 3/18/2015).
- . 2014b. "Does the Bible contain errors, contradictions, or discrepancies?" *GotQuestions?* undated posting (online text at www.gotquestions.org accessed 3/18/2015).
- . 2014c. "Does the Bible copy the Flood account from other myths and legends?" *GotQuestions?* undated posting (online text at www.gotquestions.org accessed 3/18/2015).
- . 2014d. "How did Noah fit all the animals on the Ark?" *GotQuestions?* undated posting (online text at www.gotquestions.org accessed 3/18/2015).
- Gottesman, Michael M., Suresh V. Ambudkar, Chava Kimchi-Sarfaty, & Zuben E. Sauna.** 2011. "Reply to A. M. Campbell *et al.*'s E-Letter." *Science* 26 October letter posting (online text at sciencemag.org accessed 8/27/2014).
- Gottlieb, L. D.** 2004. "Rethinking classic examples of recent speciation in plants." *New Phytologist* **161** (January): 71-82.
- Gottlieb, Robert.** 1993. *Forcing the Spring: The Transformation of the American Environmental Movement.* Washington, DC: Island Press.
- Gotts, Stephen J., Hang Joon Jo, Gregory L. Wallace, Ziad S. Saad, Robert W. Cox, & Alex Martin.** 2013. "Two distinct forms of functional lateralization in the human brain." *Proceedings of the National Academy of Sciences* **110** (3 September): E3435-E3444.
- Gottschall, Jonathan.** 2014. "The Way We Live Our Lives in Stories." *EDGE* 28 July posting (online text accessed 8/21/2014 at edge.org).
- Götz, Stefan.** 2007. "Inside Rudist Ecosystems: Growth, Reproduction, and Population Dynamics." SEPM Society for Sedimentary Geology Special Publications *Cretaceous Rudists & Carbonate Platforms: Environmental Feedback* **87**: 97-113.
- Goudemand, Nicolas, Michael J. Orchard, Séverine Urdy, Hugo Bucher, & Paul Tafforeau.** 2011. "Synchrotron-aided reconstruction of the conodont feeding apparatus and implications for the mouth of the first vertebrates." *Proceedings of the National Academy of Sciences* **108** (24 May): 8720-8724.
- Goudemand, N., C. Romano, A. Brayard, P. A. Hochuli, & H. Bucher.** 2013. "Comment on 'Lethally Hot Temperatures During the Early Triassic Greenhouse'." *Science* **339** (1 March): 1033.
- Goudie, Jeffrey Ann.** 2014. "Kansas: The Surreal State of the State." *Huffpost Politics* posting 27 January (online text at huffingtonpost.com accessed 1/27/2014).
- Gough, Daniel J., Alicia Corlett, Karni Schlessinger, Joanna Wegrzyn, Andrew C. Lerner, & David E. Levy.** 2009. "Mitochondrial STAT3 Supports Ras-Dependent Oncogenic Transformation." *Science* **324** (26 June): 1713-1716.

- Gough, Julian.** 2006. “Genomic scale sub-family assignment of protein domains.” *Nucleic Acids Research* **34** (August): 3625-3633.
- Gough, Julian, Kevin Karplus, Richard Hughey, & Cyrus Chothia.** 2001. “Assignment of Homology to Genome Sequences using a Library of Hidden Markov Models that Represent all Proteins of Known Structure.” *Journal of Molecular Biology* **313** (2 November): 903-919.
- Gould, A., A. Udalski, I.-G. Shin, I. Porritt, J. Skowron, C. Han, J. S. Yee, S. Kozłowski, J.-Y. Choi, R. Poleski, L. Wyrzykowski, K. Ulaczyk, P. Pietrukowicz, P. Mróz, M. K. Szymański, M. Kubiak, I. Soszyński, G. Pietrzyński, B. S. Gaudi, G. W. Christie, J. Drummond, J. McCormick, T. Natusch, H. Ngan, T.-G. Tan, M. Albrow, D. L. DePoy, K.-H. Hwang, Y. K. Jung, C.-U. Lee, H. Park, R. W. Pogge, F. Abe, D. P. Bennett, I. A. Bond, C. S. Botzler, M. Freeman, A. Fukui, D. Fukunaga, Y. Itow, N. Koshimoto, P. Larsen, C. H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, S. Namba, K. Ohnishi, L. Philpott, N. J. Rattenbury, To. Saito, D. J. Sullivan, T. Sumi, D. Suzuki, P. J. Tristram, N. Tsurumi, K. Wada, N. Yamai, P. C. M. Yock, A. Yonehara, Y. Schvartvald, D. Maoz, S. Kaspi, & M. Friedmann.** 2014. “A terrestrial planet in a ~1-AU orbit around one member of a ~15-AU binary.” *Science* **345** (4 July): 46-49.
- Gould, Alex P., Philip R. Elstob, & Véronique Brodu.** 2001. “Insect oenocytes: a model system for studying cell-fate specification by *Hox* genes.” *Journal of Anatomy* **199** (July): 105-120.
- Gould, Fred, Marie Estock, N. Kirk Hillier, Bekah Powell, Astrid T. Groot, Catherine M. Ward, Jennifer L. Emerson, Coby Schal, & Neil J. Vickers.** 2010. “Sexual isolation of male moths explained by a single pheromone response QTL containing four receptor genes.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8660-8665.
- Gould, Jack, & Tyson Bowers III.** 2012. *The Chris twire Handbook: Staying Saved in a Wicked World*. New York: Citadel Press.
- Gould, James L.** 2008a. “Instinct and learning in animal behaviour,” in Benton (2008a, 217-220).
- . 2008b. “How do animals navigate?” in Benton (2008a, 229-232).
- . 2008c. “The language of honey bees,” in Benton (2008a, 248-250).
- Gould, Stephen E., William B. Upholt, & Robert A. Kosher.** 1995. “Characterization of Chicken Syndecan-3 as a Heparan Sulfate Proteoglycan and Its Expression during Embryogenesis.” *Developmental Biology* **168** (1 April): 438-451.
- Gould, Stephen Jay.** 1966. “Allometry and size ontogeny and phylogeny.” *Biological Reviews of the Cambridge Philosophical Society* **41** (December): 587-640.
- . 1977a. *Ever Since Darwin: Reflections in Natural History*. New York: W.W. Norton & Co.
- . 1977b. *Ontogeny and Phylogeny*. Cambridge, MA: Belknap Press (Harvard University Press).
- . 1978a. “Morton’s ranking of races by cranial capacity. Unconscious manipulation of data may be a scientific norm.” *Science* **200** (5 May): 503-509.
- . 1978b. “The Panda’s Peculiar Thumb.” *Natural History* **87** (November): 20, 24, 28, 30.
- . 1980a. “Is a new and general theory of evolution emerging?” *Paleobiology* **6** (Winter): 119-130.
- . 1980b. *The Panda’s Thumb: More Reflections in Natural History*. New York: W.W. Norton & Co.
- . 1981. *The Mismeasure of Man*. New York: W.W. Norton & Co.
- . 1983. *Hen’s Teeth and Horse’s Toes*. New York: W.W. Norton & Co.
- . 1989. *Wonderful Life: The Burgess Shale and the Nature of History*. New York: W.W. Norton & Co.
- . 1990. “An Earful of Jaw.” *Natural History* **99** (March): 12, 15-16, 18, 20, 22-23.
- . 1991a. *Bully for Brontosaurus: Reflections in Natural History*. New York: W.W. Norton & Co.
- . 1991b. “Fall in the House of Ussher.” *Natural History* **100** (November): 12, 14-16, 18-

- 21.
- . 1992. “Impeaching a Self-Appointed Judge.” *Scientific American* **267** (July): 118-121.
- . 1993a. “Cordelia’s Dilemma.” *Natural History* **102** (February): 10, 12, 14-16, 18.
- , ed. 1993b. *The Book of Life*. New York: W. W. Norton & Co.
- . 1994a. “In the Mind of the Beholder.” *Natural History* **103** (February): 14-23.
- . 1994b. “Ernst Mayr and the Centrality of Species.” *Evolution* **48** (February): 31-35.
- . 1994c. “Hooking Leviathan by It’s Past.” *Natural History* **103** (May): 8-15.
- . 1994d. “Tempo and mode in the macroevolutionary reconstruction of Darwinism.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6764-6771.
- . 1994e. “Common Pathways of Illumination.” *Natural History* **103** (December): 10-20.
- . 1995. “Of it, not above it.” *Nature* **377** (26 October): 681-682.
- . 1996a. “Triumph of the Root-Heads.” *Natural History* **105** (January): 10-17.
- . 1996b. “The Diet of Worms and the Defenestration of Prague.” *Natural History* **105** (September): 18-24, 64-67.
- . 1996c. *Full House: The Spread of Excellence from Plato to Darwin*. New York: Harmony Books (Crown).
- . 1997a. “Darwinian Fundamentalism.” *The New York Review of Books* (12 June): 34-37.
- . 1997b. “Evolution: Pleasures of Pluralism.” *The New York Review of Books* (26 June): 47-52.
- . 1997c. “Self-Help for a Hedgehog Stuck on a Molehill.” *Evolution* **51** (June): 1020-1023.
- . 1997d. “The exaptive excellence of spandrels as a term and prototype.” *Proceedings of the National Academy of Sciences* **94** (30 September): 10750-10755.
- . 1997e. “The Paradox of the Visibly Irrelevant.” *Natural History* **106** (December): 12-8, 60-6.
- . 1998a. “On Embryos and Ancestors.” *Natural History* **107** (July/August): 20-22, 58-65.
- . 1998b. “Above All, Do No Harm.” *Natural History* **107** (October): 16-24, 78-82.
- . 1998c. “Showdown on the Burgess Shale: The Reply.” *Natural History* **107** (December): 48, 52-55.
- . 1999a. *Rocks of Ages: Science and Religion in the Fullness of Life*. New York: The Library of Contemporary Thought (Ballantine).
- . 1999b. “Bacon, Brought Home.” *Natural History* **108** (June): 28-30, 32-33, 72-78.
- . 1999c. “Darwin’s More Stately Mansion.” *Science* **284** (25 June): 2087.
- . 1999d. “Dorothy, It’s Really Oz.” *Time* **154** (23 August): 59.
- . 2000a. “*Abscheulich!* (Atrocious!)” *Natural History* **109** (March): 42-49.
- . 2000b. “Linnaeus’s Luck?” *Natural History* **109** (September): 18, 20, 22-25, 66, 68, 70, 74, 76.
- . 2000c. “Tales of a Feathered Tail.” *Natural History* **109** (November): 32, 34-42.
- . 2001. “Steven Jay Gould: Understanding Evolution.” PBS interview transcript (online text at www.pbs.org accessed 3/25/2009).
- . 2002a. *The Structure of Evolutionary Theory*. Cambridge, MA: Belknap Press (Harvard University Press).
- . 2002b. “Carrie Buck’s Daughter.” *Natural History* **111** (July/August): 12, 14-17.
- . 2003. *The Hedgehog, the Fox, and the Magister’s Pox: Mending the Gap between Science and the Humanities*. New York: Harmony Books (Crown).
- Gould, Stephen Jay, & Niles Eldredge.** 1977. “Punctuated equilibria: the tempo and mode of evolution reconsidered.” *Paleobiology* **3** (July): 115-151.
- . 1993. “Punctuated equilibrium comes of age.” *Nature* **366** (18 November): 223-227.
- Gould, S. J., & R. C. Lewontin.** 1979. “The spandrels of San Marco and the Panglossian paradigm: a critique of the adaptationist programme.” *Proceedings of the Royal Society of London B* (Biological Sciences) **205** (21 September): 581-598.
- Gould, Stephen Jay, & Elisabeth A. Lloyd.** 1999. “Individuality and adaptation across levels of selection: How shall we name and generalize the unit of Darwinism?” *Proceedings of the National Academy of Sciences* **96** (12 October): 11904-11909.

- Gould, Stephen Jay, & Elisabeth S. Vrba.** 1982. "Exaptation—a missing term in the science of form." *Paleobiology* **8** (Winter): 4-15.
- Gould, Sven B.** 2012. "Algae's complex origins." *Nature* **492** (6 December): 46-48.
- . 2016. "Infection and the first eukaryotes." *Science* **352** (27 May): 1065.
- Gould, Sven B., Ross F. Waller, & Geoffrey I. McFadden.** 2008. "Plastid Evolution." *Annual Review of Plant Biology* **59**: 491-517.
- Goulson, Dave, Elizabeth Nicholls, Cristina Botias, & Ellen L. Rotheray.** 2015. "Bee declines driven by combined stress from parasites, pesticides, and lack of flowers." *Science* **347** (27 March): 1255957 (online at sciencemag.org).
- Gounelle, Matthieu, Marc Chaussidon, Alessandro Morbidelli, Jean-Alix Barrat, Cécile Engrand, Michael E. Zolensky, & Kevin D. McKeegan.** 2009. "A unique basaltic micrometeorite expands the inventory of solar system planetary crusts." *Proceedings of the National Academy of Sciences* **106** (28 April): 6904-6909.
- Gounelle, Matthieu, Edward D. Young, Anat Shahar, Eric Tonui, & Anton Kearsley.** 2007. "Magnesium isotopic constraints on the origin of CB₆ chondrites." *Earth and Planetary Science Letters* **256** (30 April): 521-533.
- Gourbière, Sébastien, & James Mallet.** 2005. "Has adaptive dynamics contributed to the understanding of adaptive and sympatric speciation?" *Journal of Evolutionary Biology* **18** (September): 1201-1204.
- . 2010. "Are Species Real? The Shape of the Species Boundary with Exponential Failure, Reinforcement and the 'Missing Snowball'." *Evolution* **64** (January): 1-24.
- Gourlain, Thierry, Alexander Sidorov, Nathalie Mignet, Simon J. Thorpe, Sarah E. Lee, Jane A. Grasby, & David M. Williams.** 2001. "Enhancing the catalytic repertoire of nucleic acids. II. Simultaneous incorporation of amino and imidazolyl functionalities by two modified triphosphates during PCR." *Nucleic Acids Research* **29** (1 May): 1898-1905.
- Gourley, Shannon L., Anthony J. Koleske, & Jane R. Taylor.** 2009. "Loss of dendrite stabilization by the Abl-related gene (Arg) kinase regulates behavioral flexibility and sensitivity to cocaine." *Proceedings of the National Academy of Sciences* **106** (29 September): 16859-16864.
- Gouveia, Aaron.** 2007. "Creationist says firing by WHOI is bias, files suit." *Cape Cod Times* posting 8 December: online text accessed 5/28/2014 (www.capecodonline.com).
- Gouyon, P.-H.** 1999. "Sex: a pluralist approach includes species selection." *Journal of Evolutionary Biology* **12** (November): 1029-1030.
- Govers, Francine, & Gerco C. Angenent.** 2010. "Fertility Goddesses as Trojan Horses." *Science* **330** (12 November): 922-923.
- Govindarajan, Sridhar, Ruben Recabarren, & Richard A. Goldstein.** 1999. "Estimating the Total Number of Protein Folds." *Proteins: Structure, Function, and Bioinformatics* **35** (1 June): 408-414.
- Gow, C. E.** 1981. "*Pachygenelus*, *Diarthrognathus* and the double jaw articulation." *Palaeontologia Africana* **24**: 15.
- . 2001. "A partial skeleon of the tritheledontid *Pachygenelus* (Therapsida: Cynodontia)." *Palaeontologia Africana* **37**: 93-97.
- Gowaty, Patricia Adair, & Stephen P. Hubbell.** 2009. "Reproductive decisions under ecological constraints: It's about time." *Proceedings of the National Academy of Sciences* **106** (16 June): 10017-10024.
- Gowaty, Patricia Adair, Yong-Kyu Kim, & Wyatt W. Anderson.** 2012. "No evidence of sexual selection in a repetition of Bateman's classic study of *Drosophila melanogaster*." *Proceedings of the National Academy of Sciences* **109** (17 July): 11740-11745.
- Gowayne.** 2010. "Is Al Gore's An Inconvenient Truth Accurate?" *Skeptical Science* 7 October posting (online text at www.skepticalscience.com accessed 6/25/2011).
- Goyal, Sidhartha, Daniel J. Balick, Elizabeth R. Jerison, Richard A. Neher, Boris I. Shraiman, & Michael M. Desai.** 2012. "Dynamic Mutation Selection Balance as an Evolutionary Attractor." *Genetics* **191** (August): 1309-1319.
- Goymer, Patrick.** 2007. "How old are Hox genes?" *Nature Reviews Genetics* **8** (May): 328.

- . 2013. “Genes for home-building.” *Nature* **493** (17 January): 312.
- Grabber, John H., John Ralph, Catherine Lapierre, & Yves Barrière.** 2004. “Genetic and molecular basis of grass cell-wall degradability. I. Lignin—cell wall matrix interactions.” *Comptes Rendus Biologies* **327**: 455-465.
- Grabenhorst, Fabian, István Hernádi, & Wolfram Schultz.** 2012. “Prediction of economic choice by primate amygdala neurons.” *Proceedings of the National Academy of Sciences* **109** (13 November): 18950-18955.
- Graber, Nicole A., & W. Ross Ellington.** 2001. “Gene Duplication Events Producing Muscle (M) and Brain (B) Isoforms of Cytoplasmic Creatine Kinase: cDNA and Deduced Amino Acid Sequences from Two Lower Chordates.” *Molecular Biology and Evolution* **18** (July): 1305-1314.
- Graber, Rachel, Patrik Kasper, Vladimir N. Malashkevich, Pavel Strop, Heinz Gehring, Johan N. Jansonius, & Philipp Christen.** 1999. “Conversion of Aspartate Aminotransferase into an L-Aspartate β -Decarboxylase by a Triple Active-site Mutation.” *The Journal of Biological Chemistry* **274** (29 October): 31203-31208.
- Grabiner, Judith D., & Peter D. Miller.** 1974. “Effects of the Scopes Trial.” *Science* **185** (6 September): 832-837.
- Graboi, Dan, & John Lisman.** 2003. “Recognition by Top-Down and Bottom-Up Processing in Cortex: The Control of Selective Attention.” *Journal of Neurophysiology* **90** (August): 798-810.
- Grace, Christopher R., & J. P. Moreland.** 2002. “Intelligent Design Psychology and Evolutionary Psychology on Consciousness: Turning Water into Wine.” *Biola University Journal of Psychology & Theology* **30** (Spring): 51-67.
- Gracia, Ana, Juan Luis Arsuaga, Ignacio Martínez, Carlos Lorenzo, José Miguel Carretero, José María Bermúdez de Castro, & Eudald Carbonell.** 2009. “Craniosynostosis in the Middle Pleistocene human Cranium 14 from the Sima de los Huesos, Atapuerca.” *Proceedings of the National Academy of Sciences* **106** (21 April): 6573-6578.
- Gracia-Lázaro, Carlos, Alfredo Ferrer, Gonzalo Ruiz, Alfonso Tarancón, José A. Cuesta, Angel Sánchez, & Yamir Moreno.** 2012. “Heterogeneous networks do not promote cooperation when humans play a Prisoners’ Dilemma.” *Proceedings of the National Academy of Sciences* **109** (7 August): 12922-12926.
- Gradišar, Helena, & Roman Jerala.** 2014. “Self-assembled bionanostructures: proteins following the lead of DNA nanostructures.” *Journal of Nanobiotechnology* (online @ jnanobiotechnology.com) **12** (3 February): 4.
- Gradstein, Felix M., & James G. Ogg.** 2004. “Geologic Time Scale 2004—why, how, and where next!” *Lethaia* **37** (June): 175-181.
- Gradstein, Felix M., James G. Ogg, Alan G. Smith, Wouter Blecker, & Lucas J. Lourens.** 2004. “A new Geologic Time Scale, with special reference to Precambrian and Neogene.” *Episodes* **27** (June): 83-100.
- Grady, John M., Brian J. Enquist, Eva Dettweiler-Robinson, Natalie A. Wright, & Felisa A. Smith.** 2014. “Evidence for mesothermy in dinosaurs.” *Science* **344** (13 June): 1268-1272.
- . 2015. “Response to Comments on ‘Evidence for mesothermy in dinosaurs’.” *Science* **348** (29 May): 982.
- Grady, Monica M.** 2006. “The history of research on meteorites from Mars.” *Geological Society, London, Special Publications* **256**: 405-416.
- Grady, Monica M., & Ian Wright.** 2006. “The carbon cycle on early Earth—and on Mars?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1703-1713.
- Graeber, Manuel B.** 2010. “Changing Face of Microglia.” *Science* **330** (5 November): 783-788.
- Graebisch, Almut, & Quirin Schiermeier.** 2006. “Anti-evolutionists raise their profile in Europe.” *Nature* **444** (23 November): 406-407.
- Gräf, Ralph, Petros Batsios, & Irene Meyer.** 2015. “Evolution of centrosomes and the nuclear lamina: Amoebozoan assets.” *European Journal of Cell Biology* **94** (June): 249-256.

- Grafe, Elise.** 2013. “Propaganda trumps teaching.” *World Magazine* “Troubling Trends” posting 23 August (online text at www.worldmag.com accessed 10/13/2013).
- Grafen, Alan.** 2002. “A First Formal Link between the Price Equation and an Optimization Program.” *Journal of Theoretical Biology* **217** (7 July): 75-91.
- . 2007. “The formal Darwinism project: a mid-term report.” *Journal of Evolutionary Biology* **20** (July): 1243-1254.
- . 2009. “Formalizing Darwinism and inclusive fitness theory.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (November): 3135-3141.
- Graff, Gerald.** 2005. “To Debate or Not Debate Intelligent Design?” *Inside Higher Ed* (28 September) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 5/26/2014).
- Graff, Ron.** 2002. “Creation and The Genesis Flood.” *Prophecy Central* posting (online text at www.bible-prophecy.com accessed 1/8/2002).
- Graff, Ron, & Lambert Dolphin.** 1998. “The Kingdom Come, Thy Will Be Done.... The Prayer Offered Most Often Is About to be Answered!” *Bread of Life Bible Study* posting (online pdf at www.breadoflifebiblestudy.com accessed 1/26/2014).
- Graffin, Gregory W., & William B. Provine.** 2007. “Evolution, Religion and Free Will.” *American Scientist* July-August posting (online text at www.americanscientist.org accessed 5/18/2017).
- Graham, Andrea L., Adam D. Hayward, Kathryn A. Watt, Jill G. Pilkington, Josephine M. Pemberton, & Daniel H. Nussey.** 2010. “Fitness Correlates of Heritable Variation in Antibody Responsiveness in a Wild Mammal.” *Science* **330** (29 October): 662-665.
- Graham, Anthony.** 2001. “The development and evolution of the pharyngeal arches.” *Journal of Anatomy* **199** (July): 133-141.
- Graham, Anthony, & Jo Richardson.** 2012. “Developmental and evolutionary origins of the pharyngeal apparatus.” *EvoDevo* (online @ evodevojournal.com) **3** (October): 24.
- Graham, Anthony, & Sebastian M. Shimeld.** 2013. “The origin and evolution of the ectodermal placodes.” *Journal of Anatomy* **222** (January): 32-40.
- Graham, David A.** 2013. “Why Has Republican Belief in Evolution Declined So Much?” *The Atlantic* posting 31 December: online text accessed 1/20/2014 (theatlantic.com).
- Graham, David E., Ross Overbeek, Gary J. Olsen, & Carl R. Woese.** 2000. “An archaeal genomic signature.” *Proceedings of the National Academy of Sciences* **97** (28 March): 3304-3308.
- Graham, Francis.** 1992. “*The Earth Is Not Moving* by Marshall Hall.” *Creation/Evolution* **12** (Summer): 45-47.
- Graham, James L.** 2000. “Government shouldn’t choose sides in evolution debate.” *The Columbus Dispatch* (Ohio) posting 13 May: online text accessed 10/1/2003 (www.dispatch.com).
- Graham, Jeffrey B., Nicholas C. Wegner, Lauren A. Miller, Corey J. Jew, N Chin Lai, Rachel M. Berquist, Lawrence R. Frank, & John A. Long.** 2014. “Spiracular air breathing in polypterid fishes and its implications for aerial respiration in stem tetrapods.” *Nature Communications* (online @ nature.com) **5** (23 January): 3022.
- Graham, Jesse.** 2014. “Morality beyond the lab.” *Science* **345** (12 September): 1242.
- Graham, Jesse, Zoe Englander, James P. Morris, Carlee Beth Hawkins, Jonathan Haidt, & Brian A. Nosek.** 2012. “Warning Bell: Liberals Implicitly Respond to Group Morality Before Rejecting It Explicitly.” *Project Implicit* 31 May posting (online pdf at projectimplicit.net accessed 8/22/2012).
- Graham, Jesse, & Jonathan Haidt.** 2010. “Beyond Beliefs: Religions Bind Individuals Into Moral Communities.” *Personality and Social Psychology Review* **14** (February): 140-150.
- Graham, Jesse, Jonathan Haidt, & Brian A. Nosek.** 2009. “Liberals and Conservatives Rely on Different Sets of Moral Foundations.” *Journal of Personality and Social Psychology* **96** (May): 1029-1046.
- . 2012. “The Moral Stereotypes of Liberals and Conservatives: Exaggeration of Differences across the Political Divide.” *PLoS ONE* (online @ plosone.org) **7** (December):

e50092.

- Graham, Jesse, Brain A. Nosek, Jonathan Haidt, Ravi Iyer, Spassena Koleva, & Peter H. Ditto.** 2011. "Mapping the Moral Domain." *Journal of Personality and Social Psychology* **101** (August): 366-385.
- Graham, Jesse, Gary Sherman, Ravi Iyer, Carlee Beth Hawkins, Jonathan Haidt, & Brian A. Nosek.** 2011. "Political Ideology Moderates Nonpolitical Moral Decision-Making Processes." *Project Implicit* 13 March posting (online pdf at *projectimplicit.net* accessed 8/22/2012).
- Graham, John P.** 2012. *Fossil Butte National Monument: Geologic Resources Inventory Report*. Fort Collins, CO: U.S. Department of the Interior.
- Graham, John R., Kenneth J. Russell, & Christopher J. Stillman.** 1995. "Late Devonian Magmatism in West Kerry and its Relationship to the Development of the Munster Basin." *Irish Journal of Earth Sciences* **14**: 7-23.
- Graham, Keith.** 1996. "What does the Bible have to say in a society preoccupied with ethnicity?" *The Mountain Retreat* posting of July article (online text at *www.mountainretreat.org* accessed 1/25/2015).
- Graham, Laurie A., Stephen C. Lougheed, K. Vanya Ewart, & Peter L. Davies.** 2008. "Lateral Transfer of a Lectin-Like Antifreeze Protein Gene in Fishes." *PLoS ONE* (online @ *plosone.org*) **3** (July): e2616.
- Graham, Linda E., Martha E. Cook, & James S. Busse.** 2000. "The origin of plants: Body plan changes contributing to a major evolutionary radiation." *Proceedings of the National Academy of Sciences* **97** (25 April): 4535-4540.
- Graham, Linda E., Martha E. Cook, David T. Hanson, Kathleen B. Pigg, & James M. Graham.** 2010a "Structural, physiological, and stable carbon isotopic evidence that the enigmatic Paleozoic fossil *Prototaxites* formed from rolled liverwort mats." *American Journal of Botany* **97** (February): 268-275.
- . 2010b. "Rolled liverwort mats explain major *Prototaxites* features: Response to commentaries." *American Journal of Botany* **97** (July): 1079-1086.
- Graham, Linda E., Lee W. Wilcox, Martha E. Cook, & Patricia G. Gensel.** 2004. "Resistant tissues of modern marchantioid liverworts resemble enigmatic Early Paleozoic microfossils." *Proceedings of the National Academy of Sciences* **101** (27 July): 11025-11029.
- Graham, Russell W., Soumaya Belmecheri, Kyungcheol Choy, Brendan J. Culleton, Lauren J. Davies, Duane Froese, Peter D. Heintzman, Carrie Hritz, Joshua D. Kapp, Lee A. Newsom, Ruth Rawcliffe, Émilie Saulnier-Talbot, Beth Shapiro, Yue Wang, John W. Williams, & Matthew J. Wooller.** 2016. "Timing and causes of mid-Holocene mammoth extinction on St. Paul Island, Alaska." *Proceedings of the National Academy of Sciences* **113** (16 August): 9310-9314.
- Graham, Russell W., & Ernest L. Lundelius Jr.** 1984. "Coevolutionary disequilibrium and Pleistocene extinctions," in Martin & Klein (1984, 223-249).
- Graham, Ruth.** 2015. "Did Neanderthals Have Souls?" *The Atlantic* posting 20 September: online text accessed 9/21/2015 (*theatlantic.com*).
- Graham, Sean W., & William J. D. Iles.** 2009. "Different Gymnosperm Outgroups Have (Mostly) Congruent Signal Regarding the Root of Flowering Plant Phylogeny." *American Journal of Botany* **96** (January): 216-227.
- Grainger, Alan.** 2008. "Difficulties in tracking the long-term global trend in tropical forest area." *Proceedings of the National Academy of Sciences* **105** (15 January): 818-823.
- Grainger, Jonathan, Stéphane Dufau, Marie Montant, Johannes C. Ziegler, & Joël Fagot.** 2012a. "Orthographic Processing in Baboons (*Papio papio*)." *Science* **336** (13 April): 245-248.
- . 2012b. "Response to Comment on 'Orthographic Processing in Baboons (*Papio papio*)'." *Science* **337** (7 September): 1173.
- Grainger, Sara, & Jan Beise.** 2004. "Menopause and post-generative longevity: Testing the 'stopping-early' and 'grandmother' hypotheses." Max Planck Institute for Demographic

- Research (online pdf at www.demogr.mpg.de accessed 2/11/2013).
- Gralle, Matthias, & Svante Pääbo.** 2011. "A Comprehensive Functional Analysis of Ancestral Human Signal Peptides." *Molecular Biology and Evolution* **28** (January): 25-28.
- Gramling, Carolyn.** 2005. "How Fast Does Your Dinosaur Grow?" *Science* **310** (16 December): 1751.
- . 2009. "Are birds dinosaurs? New evidence muddies the picture." *Earth* (October): online text accessed 10/10/2013 (www.earthmagazine.org).
- . 2014. "Low oxygen stifled animals' emergence, study says." *Science* **346** (31 October): 537.
- . 2015a. "Lost and found: Earth's missing heat." *Science* **348** (26 June): 1066-1067.
- . 2015b. "How warming oceans unleashed an ice stream." *Science* **350** (13 November): 728.
- . 2016a. "Q&A: Author of 'feminist glaciology' study reflects on sudden appearance of culture wars." *Science* posting 11 March (online text at sciencemag.org accessed 3/12/2016).
- . 2016b. "'Four-legged snake' may be ancient lizard instead." *Science* **354** (4 November): 536-537.
- . 2016c. Dinosaur tail trapped in amber sheds light on evolution of feathers." *Science* posting 8 December (online text at sciencemag.org accessed 7/18/2017).
- Granath, Willard O. Jr.** 2014. "Effects of Habitat Alteration on the Epizootiology of *Myxobolus cerebralis*, the Causative Agent of Salmonid Whirling Disease." *The Journal for Parasitology* **100** (April): 157-165.
- Granberry, Michael.** 1993. "Vista Board Oks Teaching of Creationism." *Los Angeles Times* posting 14 August: online text accessed 1/24/2015 (www.latimes.com).
- . 1994a. "Recall Targets Vista Board's Creationists." *Los Angeles Times* posting 14 February: online text accessed 1/24/2015 (www.latimes.com).
- . 1994b. "Foes Threaten Suit Over Sex Respect Program." *Los Angeles Times* posting 22 March: online text accessed 1/24/2015 (www.latimes.com).
- Grancia, Kevin.** 2007. "Tim Ball vs. Dan Johnson Update." *DeSmog* 2 February posting (online text at www.desmog.com accessed 4/14/2012).
- Grand, Stephen P.** 1994. "Mantle shear structure beneath the Americas and surrounding oceans." *Journal of Geophysical Research* **99** (10 June): 11591-11621.
- Grandcolas, Philippe, Jérôme Murienne, Tony Robillard, Laure Desutter-Grandcolas, Hervé Jourdan, Eric Guilbert, & Louis Deharveng.** 2008. "New Caledonia: a very old Darwinian island?" *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 October): 3309-3317.
- Grande, Cristina.** 2010. "Left-Right Asymmetries in Spiralia." *Integrative and Comparative Biology* (AKA *American Zoologist*) **50** (November): 744-755.
- Grande, Cristina, José María Martín-Durán, Nathan J. Kenny, Marta Truchado-García, & Andreas Hejnol.** 2014. "Evolution, divergence and loss of the Nodal signaling pathway: new data and a synthesis across the Bilateria." *International Journal of Developmental Biology* **58** (6/7/8): 521-532.
- Grande, Cristina, & Nipam H. Patel.** 2009a. "Nodal signaling is involved in left-right asymmetry in snails." *Nature* **457** (19 February): 1007-1011.
- . 2009b. "Lophotrochozoa Get into the Game: The Nodal Pathway and Left/Right Asymmetry in Bilateria." *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 281-287.
- Grande, Lance** 1984. "Paleontology of the Green River Formation, with a Review of the Fish Fauna." *The Geological Survey of Wyoming Bulletin* **63**: 1-333.
- Grandin, Temple.** 2009. "How does visual thinking work in the mind of a person with autism? A personal account." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1437-1442.
- Grandison, Richard C., Matthew D. W. Piper, & Linda Partridge.** 2009. "Amino-acid imbalance explains extension of lifespan by dietary restriction in *Drosophila*." *Nature* **462**

- (24 December): 1061-1064.
- Grand Valley State University*. 2011. "Sumerian Myth." Undated posting (online text at faculty.gvsu.edu accessed 5/19/2011).
- Granger, Darryl E., Ryan J. Gibbon, Kathleen Kuman, Ronald J. Clarke, Laurent Bruxelles, & Marc W. Caffee**. 2015. "New cosmogenic burial ages for Sterkfontein Member 2 Australopithecus and Member 5 Oldowan." *Nature* **522** (4 June): 85-88.
- Grania**. 2014a. "The Atheist Ten Commandments." *Why Evolution Is True* posting 20 December (online text at whyevolutionistrue.wordpress.com accessed 12/20/2014).
- . 2014b. "Will religion ever disappear?" *Why Evolution Is True* posting 21 December (online text at whyevolutionistrue.wordpress.com accessed 12/21/2014).
- Granqvist, Pehr, Mario Mikaulincer, & Phillip R. Shaver**. 2010. "Religion as Attachment: Normative Processes and Individual Differences." *Personality and Social Psychology Review* **14** (February): 49-59.
- Granqvist, Pehr, Mats Fredrikson, Patrik Unge, Andrea Hagenfeldt, Sven Valind, Dan Larhammar, & Marcus Larsson**. 2005. "Sensed presence and mystical experiences are predicted by suggestibility, not by the application of transcranial weak complex magnetic fields." *Neuroscience Letters* **379** (29 April): 1-6.
- Grant, B. Rosemary, & Peter R. Grant**. 1996. "Cultural Inheritance of Song and Its Role in the Evolution of Darwin's Finches." *Evolution* **50** (December): 2471-2487.
- . 2008. "Fission and fusion of Darwin's finches populations." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (12 September): 2821-2829.
- . 2010. "Songs of Darwin's finches diverge when a new species enters the community." *Proceedings of the National Academy of Sciences* **107** (23 November): 20156-20163.
- . 2017. "Watching speciation in action." *Science* **355** (3 March): 910-911.
- Grant, Bob**. 2009. "PNAS butterfly flap heats up." *The Scientist* posting 1 October (online text at the-scientist.com accessed 12/28/2011).
- . 2014. "On the Other Hand." *The Scientist* posting 1 September (online text at the-scientist.com accessed 9/2/2014).
- . 2015. "Lefties, Language, and Lateralization." *The Scientist* posting 1 October (online text at the-scientist.com accessed 10/29/2015).
- Grant, Bruce S.** 1999. "Fine Tuning the Peppered Moth Paradigm." *Evolution* **53** (June): 980-984.
- . 2002. "Sour Grapes of Wrath." *Science* **297** (9 August): 940-941.
- . 2004. "Allelic Melanism in American and British Peppered Moths." *Journal of Heredity* **95** (March): 97-102.
- . 2012. "Industrial Melanism," June entry in online *Encyclopedia of Life Sciences (ELS)*. Chichester, UK: John Wiley & Sons (online pdf via www.els.net accessed 3/4/2015).
- Grant, B. S., & L. L. Wiseman**. 2002. "Recent History of Melanism in American Peppered Moths." *Journal of Heredity* **93** (March): 86-90.
- Grant, K. M., E. H. Rohling, M. Bar-Matthews, A. Ayalon, M. Medina-Elizalde, C. Bronk Ramsey, C. Satow, & A. P. Roberts**. 2012. "Rapid coupling between ice volume and polar temperature over the past 150,000 years." *Nature* **491** (29 November): 744-747.
- Grant, K. Thalia, & Gregory B. Estes**. 2009. *Darwin in Galápagos: Footsteps to a New World*. Princeton, NJ: Princeton University Press.
- Grant, Keith, & Donald E. Owen**. 1974. "The Dakota Sandstone (Cretaceous) of the Southern Part of the Chama Basin, New Mexico—A Preliminary Report on Its Stratigraphy, Paleontology, and Sedimentology." *New Mexico Geological Society 25th Field Conference Guidebook, Ghost Ranch (Central-Northern N.M.)*: 239-249.
- Grant, Michael**. 1960. *The World of Rome*. Pb ed. New York: Mentor.
- . 1970. *Nero: Emperor in Revolt*. New York: American Heritage Press.
- . 1972. *Cleopatra*. New York: Dorset Press.
- . 1975. *The Twelve Caesars*. New York: Charles Scribner's Sons.
- . 1993. *Constantine the Great: The Man and His Times*. 1994 US ed. New York: Charles Scribner's Sons.

- Grant, Mike L., Nicola H. Toomey, & Alastair Culham.** 2004. "Is There Such a Thing as *Kalmia x Rhododendron*?" *Journal of the American Horticultural Society* **129** (4): 517-522.
- Grant, Peter R.** 1981. "Speciation and the Adaptive Radiation of Darwin's Finches." *American Scientist* **69** (November-December): 653-663.
- . 1986. *Ecology and Evolution of Darwin's Finches*. 1999 pb ed. Princeton, NJ: Princeton University Press.
- . 1991. "Natural Selection and Darwin's Finches." *Scientific American* **265** (October): 82-87.
- . 2002. "Founder effects and silvereyes." *Proceedings of the National Academy of Sciences* **99** (11 June): 7818-7820.
- . 2008. "What do we know about Darwin's finches?" in Benton (2008a, 158-161).
- . 2014. "VI.10 Adaptive Radiation," in Losos *et al.* (2014, 559-566).
- Grant, Peter R., & B. Rosemary Grant.** 1992. "Hybridization of Bird Species." *Science* **256** (10 April): 193-197.
- . 1994. "Phenotype and Genetic Effects of Hybridization in Darwin's Finches." *Evolution* **48** (April): 297-316.
- . 1995. "Predicting Microevolutionary Responses to Directional Selection on Heritable Variation." *Evolution* **49** (April): 241-251.
- . 1997. "Genetics and the origin of bird species." *Proceedings of the National Academy of Sciences* **94** (22 July): 7768-7775.
- . 2002a. "Adaptive Radiation of Darwin's Finches." *American Scientist* **90** (March-April): 130-139.
- . 2002b. "Unpredictable Evolution in a 30-Year Study of Darwin's Finches." *Science* **296** (26 April): 707-711.
- . 2006. "Evolution of Character Displacement in Darwin's Finches." *Science* **313** (14 July): 224-226.
- . 2007. *How and Why Species Multiply*. 2011 pb ed. Princeton, NJ: Princeton University Press.
- . 2009. "The secondary contact phase of allopatric speciation in Darwin's finches." *Proceedings of the National Academy of Sciences* **106** (1 December): 20141-20148.
- . 2011. "Causes of lifetime fitness of Darwin's finches in a fluctuating environment." *Proceedings of the National Academy of Sciences* **108** (11 January): 674-679.
- . 2014. "Speciation undone." *Nature* **507** (13 March): 178-179.
- Grant, Peter R., B. Rosemary Grant, & Kenneth Petren.** 2000. "The allopatric phase of speciation: the sharp-beaked ground finch (*Geospiza difficilis*) on the Galápagos islands." *Biological Journal of the Linnean Society* **69** (March): 287-317.
- Grant, Robyn A., Sebastian Haidarliu, Natalie J. Kennerley, & Tony J. Prescott.** 2013. "The evolution of active vibrissal sensing in mammals: evidence from vibrissal musculature and function in the marsupial opossum *Monodelphus domestica*." *The Journal of Experimental Biology* **216** (15 September): 3483-3494.
- Grant, Verne, & Robert H. Flake.** 1974. "Solutions to the Cost-of-Selection Dilemma." *Proceedings of the National Academy of Sciences* **71** (1 October): 3863-3865.
- Grant-Downton, R. T., & H. G. Dickinson.** 2006. "Epigenetics and its Implications for Plant Biology 2. The 'Epigenetic Epiphany': Epigenetics, Evolution and Beyond." *Annals of Botany* **97** (January): 11-27.
- Grantham, Jared J., & Darren P. Wallace.** 2002. "Return of the secretory kidney." *American Journal of Physiology—Renal Physiology* **282** (January): F1-F9.
- Grassé, Pierre-P.** 1977. *Evolution of Living Organisms: Evidence for a New Theory of Transformation*. English edition of 1973 French version. New York: Academic Press.
- Grassineau, N. V., P. Abell, P. W. U. Appel, D. Lowry, & E. G. Nisbet.** 2006. "Early life signatures in sulfur and carbon isotopes from Isua, Barberton, Wabigoon (Steep Rock), and Belingwe Greenstone Belts (3.8 to 2.7 Ga)." *The Geological Society of America Memoirs* **198**: 33-52.

- Grasso, Otangelo.** 2015a. “Epigenetics.” *Reason and Science* 16 July posting (online text at reasonandscience.heavenforum.org accessed 1/24/2016).
- . 2015b. “Codes Within Codes: How Dual-Use Codons Challenge Statistical Methods for Inferring Natural Selection.” *Reason and Science* 27 September posting (online text at reasonandscience.heavenforum.org accessed 1/25/2016).
- . 2015c. “Biological Meta information.” *Reason and Science* 19 October posting (online text at reasonandscience.heavenforum.org accessed 1/25/2016).
- . 2015d. “‘Tetrapods evolved’ . Really?” *Reason and Science* 24 October posting (online text at reasonandscience.heavenforum.org accessed 1/24/2016).
- . 2015e. “The hardware and software of the cell, evidence of design.” *Reason and Science* 27 October posting (online text at reasonandscience.heavenforum.org accessed 1/25/2016).
- . 2016. “Intelligent design theories gaining steam in scientific circles.” *Reason and Science* 24 January posting (online text at reasonandscience.heavenforum.org accessed 1/25/2016).
- Grasza, Anna.** 2007. “Prof. Seeks to reconcile science, faith.” *Yale Daily News* 17 September blog posting (online text at yaledailynews.com accessed 11/23/2013).
- Gratecos, D., C. Naidet, M. Astier, J. P. Thiery, & M. Sémériva.** 1988. “*Drosophila* fibronectin: a protein that shares properties similar to those of its mammalian homologue.” *The EMBO Journal* 7 (January): 215-223.
- Gratwicke, James, Joshua Kahan, Ludvic Zrinzo, Marwan Hariz, Patricia Limousin, Thomas Foltynie, & Marjan Jahanshahi.** 2013. “The nucleus basalis of Meynart: A new target for deep brain stimulation in dementia?” *Neuroscience & Biobehavioral Reviews* 37 (December): 2676-2688.
- Grauer, Dan, Manolo Gouy, & Laurent Duret.** 1997. “Evolutionary Affinities of the Order Perissodactyla and the Phylogenetic Status of the Superordinal Taxa Ungulate and Altungulata.” *Molecular Phylogenetics and Evolution* 7 (April): 195-200.
- Graule, M. A., P. Chirarattananon, S. B. Fuller, N. T. Jafferis, K. Y. Ma, M. Spenko, R. Kornbluh, & R. J. Wood.** 2016. “Perching and takeoff of a robotic insect on overhangs using switchable electrostatic adhesion.” *Science* 352 (20 May): 978-982.
- Graur, Dan, & William Martin.** 2004. “Reading the entrails of chickens: molecular timescales of evolution and the illusion of precision.” *Trends in Genetics* 20 (February): 80-86.
- Graur, Dan, Yichen Zheng, & Ricardo B. R. Azevedo.** 2015. “An Evolutionary Classification of Genomic Function.” *Genome Biology and Evolution* 7 (March): 642-645.
- Graur, Dan, Yichen Zheng, Nicholas Price, Ricardo B. R. Azevedo, Rebecca A. Zufall, & Eran Elhaik.** 2013. “On the immortality of television sets: ‘function’ in the human genome according to the evolution-free gospel of ENCODE.” *Genome Biology and Evolution* 5 (3): 578-590.
- Gravel, Dominique, Thomas Bell, Claire Barbera, Thierry Bouvier, Thomas Pommier, Patrick Venali, & Nicolas Mouquet.** 2011. “Experimental niche evolution alters the strength of the diversity-productivity relationship.” *Nature* 469 (6 January): 89-92.
- Gravel, Simon, & Mike Steel.** 2015. “The existence and abundance of ghost ancestors in biparental populations.” *Theoretical Population Biology* 101 (May): 47-53.
- Graveley, Brenton R., Angela N. Brooks, Joseph W. Carlson, Michael O. Duff, Jane M. Landolin, Li Yang, Carlo G. Artieri, Marijke J. van Baren, Nathan Boley, Benjamin W. Booth, James B. Brown, Lucy Cherbas, Carrie A. Davis, Alex Dobin, Renhua Li, Wei Lin, John H. Malone, Nicolas R. Mattiuzzo, David Miller, David Sturgill, Brian B. Tuch, Chris Zaleski, Dayu Zhang, Marco Blanchette, Sandrine Dudoit, Brian Eads, Richard E. Green, Ann Hammonds, Lichun Jiang, Phil Kapranov, Laura Langton, Norbert Perrimon, Jeremy E. Sandler, Kenneth H. Wan, Aaron Willingham, Yu Zhang, Yi Zou, Justen Andrews, Peter J. Bickel, Steven E. Brenner, Michael R. Brent, Peter Cherbas, Thomas R. Gingeras, Roger A. Hoskins, Thomas C. Kaufman, Brian Oliver, & Susan E. Celniker.** 2011. “The developmental transcriptome of *Drosophila melanogaster*.” *Nature* 471 (24 March): 473-479.
- Graven, Heather D.** 2015. “Impact of fossil fuel emissions on atmospheric radiocarbon and

- various applications of radiocarbon over this century.” *Proceedings of the National Academy of Sciences* **112** (4 August): 9542-9545.
- Graves, Dan.** 2007. “Rivals Battled in a Sanctuary to Be Pope.” *Christianity* June updated posting (online text at www.christianity.com accessed 10/25/2014).
- Graves, Joseph L. Jr.** 2002. “What a tangled web he weaves: Race, reproductive strategies and Rushton’s life history theory.” *Anthropological Theory* **2** (2): 131-154.
- Graves, Ronda R., Amy C. Lupo, Robert C. McCarthy, Daniel J. Westcott, & Deborah L. Cunningham.** 2010. “Just how strapping was KNM-WT 15000?” *Journal of Human Evolution* **59** (November): 542-554.
- Graves, William D. (Bill).** 2001. “Evolution, the Supreme Court, and the Destruction of Constitutional Jurisprudence.” *Regent University Law Review* **13** (Spring): 513-570.
- Gravlee, Clarence C.** 2009. “How Race Becomes Biology: Embodiment of Social Inequality.” *American Journal of Physical Anthropology* **139** (May): 47-57.
- Gray, Asa.** 1860. “Darwin on the Origin of Species.” *The Atlantic* **6** (July): 109-116.
- Gray, C. M., D. A. Papanastassiou, & G. J. Wasserburg.** 1973. “The identification of early condensates from the solar nebula.” *Icarus* **20** (October): 213-239.
- Gray, Christopher.** 1996a. *Professor Noah Thingertoo’s Bible Fact Book: Old Testament*. Wheaton, IL: Victor Books.
- . 1996b. *Professor Noah Thingertoo’s Bible Fact Book: New Testament*. Wheaton, IL: Victor Books.
- Gray, David R., David A. Foster, Ben Goscombe, Cees W. Passchier, & Rudolph A. J. Trouw.** 2006. “⁴⁰Ar/³⁹Ar thermochronology of the Pan-African Damara Orogen, Namibia, with implications for tectonothermal and geodynamic evolution.” *Precambrian Research* **150** (20 October): 49-72.
- Gray, Edward F.** 1930. *Leif Eriksson: Discoverer of America A.D. 1003*. New York: Oxford University Press.
- Gray, Eric.** 2011. “Ichthyosaur Evolution Happened Quickly—Where Are All the Missing Links?” *Jesus Believes in Evolution* undated posting (online text at www.jesusbelievesinevolution.com accessed 5/22/2011).
- Gray, Jane, & Arthur J. Boucot.** 1994. “Early Silurian nonmarine animal remains and the nature of the early continental ecosystem.” *Acta Palaeontologica Polonica* **38** (3/4): 303-328.
- Gray, Jeremy C., & Matthew R. Goddard.** 2012. “Sex enhances adaptation by unlinking beneficial from detrimental mutations in experimental yeast populations.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **12** (30 March): 43.
- Gray, Kurt, Adrianna C. Jenkins, Andrea S. Heberlein, & Daniel M. Wegner.** 2011. “Distortions of mind perception in psychopathology.” *Proceedings of the National Academy of Sciences* **108** (11 January): 477-479.
- Gray, Kurt, & Daniel M. Wegner.** 2010. “Blaming God for Our Pain: Human Suffering and the Divine Mind.” *Personality and Social Psychology Review* **14** (February): 7-16.
- Gray, Louise.** 2013a. “David Attenborough ‘was sceptical about global warming’ claims David Bellamy.” *London Telegraph* posting 13 January: online text accessed 1/25/2013 (www.telegraph.co.uk).
- . 2013b. “David Attenborough – Humans are plague on Earth.” *London Telegraph* posting 22 January: online text accessed 1/25/2013 (www.telegraph.co.uk).
- . 2013c. “Sir David Attenborough ‘wrong’ on human plague.” *London Telegraph* posting 22 January: online text accessed 1/25/2013 (www.telegraph.co.uk).
- Gray, Margo.** 2012. “Bill would allow elective religious courses for high school students.” *WAFF* (Huntsville, Alabama) posting 5 February: online text accessed 2/23/2012 (www.waff.com).
- Gray, Michael W.** 2014. “The Pre-Endosymbiont Hypothesis: A New Perspective on the Origin and Evolution of Mitochondria.” *Cold Spring Harbor Perspectives in Biology* **6** (March): a016097.
- . 2015. “Mosaic nature of the mitochondrial proteome: Implications for the origin and

- evolution of mitochondria.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10133-10138.
- Gray, Michael W., Gertraud Burger, Robert Cedergren, G. Brian Golding, Claude Lemieux, David Sankoff, Monique Turmel, & B. Franz Lang.** 1999. “A Genomics Approach to Mitochondrial Evolution.” *The Biological Bulletin* **196** (June): 400-403.
- Gray, Michael W., Gertraud Burger, & B. Franz Lang.** 1999. “Mitochondrial Evolution.” *Science* **283** (5 March): 1476-1481.
- . 2001. “The origin and early evolution of mitochondria.” *Genome Biology* (online @ genomebiology.com) **2** (5 June): 1018.
- Gray, Michael W., Julius Lukeš, John M. Archibald, Patrick J. Keeling, & W. Ford Doolittle.** 2010. “Irremediable Complexity?” *Science* **330** (12 November): 920-921.
- Gray, Mike.** 2013a. “Proposition 2.” Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- . 2013b. “Proposition 9.” Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- Gray, Noel-Marie, Kimberly Kainec, Sandra Madar, Lucas Tomko, & Scott Wolfe.** 2007. “Sink or Swim? Bone Density as a Mechanism for Buoyancy Control in Early Cetaceans.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (June): 638-653.
- Gray, Peter B.** 2011. “The descent of a man’s testosterone.” *Proceedings of the National Academy of Sciences* **108** (27 September): 16141-16142.
- Gray, Russell D., Quentin D. Atkinson, & Simon J. Greenhill.** 2011. “Language evolution and human history: what a difference a date makes.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (12 April): 1090-1100.
- Gray, Russell D., & Joseph Watts.** 2017. “Cultural macroevolution matters.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7846-7852.
- Gray, Sarah.** 2014. “New creationism museum says Noah brought baby dinosaurs aboard the ark.” *Salon.com* 19 June (online text at salon.com accessed 6/19/2014).
- Gray, Todd A., Alison Wilson, Patrick J. Fortin, & Robert D. Nicholls.** 2006. “The putatively functional *Mkrnl-p1* pseudogene is neither expressed nor imprinted, nor does it regulate its source gene in trans.” *Proceedings of the National Academy of Sciences* **103** (8 August): 12093-12044.
- Graybiel, Ann M., & Scott L. Rauch.** 2000. “Toward a Neurobiology of Obsessive-Compulsive Disorder.” *Neuron* **28** (November): 343-347.
- Grayson, Donald K., & David J. Meltzer.** 2003. “A requiem for North American overkill.” *Journal of Archaeological Science* **30** (May): 585-593.
- . 2004. “North American overkill continued?” *Journal of Archaeological Science* **31** (January): 133-136.
- Grazhdankin, Dima.** 2004. “Patterns of distribution in the Ediacaran biota: facies versus biogeography and evolution.” *Paleobiology* **30** (March): 203-221.
- Grazhdankin, Dima, & Adolf Seilacher.** 2005. “A re-examination of the Nama-type Vendian organism *Rangea schneiderhoehni*.” *Geological Magazine* **142** (September): 571-582.
- Graziano, Michael S. A.** 2001. “Awareness of space.” *Nature* **411** (21 June): 903.
- . 2014a. “Speculations on the Evolution of Awareness.” *Journal of Cognitive Neuroscience* **26** (June): 1300-1304.
- . 2014b. “Are We Really Conscious?” *The New York Times* posting 10 October: online text accessed 10/15/2014 (www.nytimes.com).
- . 2016a. “Ethological Action Maps: A Paradigm Shift for the Motor Cortex.” *Trends in Cognitive Sciences* **20** (February): 121-132.
- . 2016b. “Most Popular Theories of Consciousness Are Worse Than Wrong.” *The Atlantic* posting 9 March: online text accessed 6/7/2016 (theatlantic.com).
- . 2016c. “How Consciousness Explains Ventriloquists and Religion.” *The Atlantic* posting 10 May: online text accessed 6/7/2016 (theatlantic.com).
- . 2016d. “A New Theory Explains How Consciousness Evolved.” *The Atlantic* posting 6

- June: online text accessed 6/7/2016 (*theatlantic.com*).
- Greally, John M.** 2002. "Short interspersed transposable elements (SINEs) are excluded from imprinted regions in the human genome." *Proceedings of the National Academy of Sciences* **99** (8 January): 327-332.
- Greater Houston Creation Association.** 2008. "Isotope Dating: Review of basic principles and problems then Revolutionary new research with astounding new results!." *Greater Houston Creation Association* posting (online pdf at *ghcaonline.com* accessed 6/11/2014).
- . 2009. "About GHCA." *Greater Houston Creation Association* posting (online text at *ghcaonline.com* accessed 2/12/2014).
- Greaves, Ian K., Michael Groszmann, Aihua Wang, W. James Peacock, & Elizabeth S. Dennis.** 2014. "Inheritance of Trans Chromosomal Methylation patterns from *Arabidopsis* F1 hybrids." *Proceedings of the National Academy of Sciences* **111** (4 February): 2017-2022.
- Greaves, Mel.** 2009. "Darwin and evolutionary tales in leukemia." *Hematology* **2009**: 3-12.
- Grebens, George.** 2005. "EVOLUTION OR CREATION DEBATE: Key to Understanding the Issues." San Antonio Bible-Based Science Association *Communiqué* (June) reprint posting (online text at *www.sabbsa.org* accessed 6/5/2014).
- Greco, Tamara L., Shinji Takada, Matthew M. Newhouse, Jill A. McMahan, Andrew P. McMahan, & Sally A. Camper.** 1996. "Analysis of the *vestigial tail* mutation demonstrates that *Wnt-3a* gene dosage regulates mouse axial development." *Genes & Development* **10** (1 February): 313-324.
- Gredilla, Ricardo.** 2010. "DNA Damage and Base Excision Repair in Mitochondria and Their Role in Aging." *Journal of Aging Research* (30 December): 257093.
- Gredilla, Ricardo, Vilhelm A. Bohr, & Tinna Stevnsner.** 2010. "Mitochondrial DNA repair and association with aging—An update." *Experimental Gerontology* **45** (August): 478-488.
- Greek, C. Ray, & Jean Swingle Greek.** 2000. *Sacred Cows and Golden Geese: The Human Cost of Experiments on Animals*. New York: Continuum.
- Green, Andrew W., Karl Glazebrook, Peter J. McGregor, Roberto G. Abraham, Gregory B. Poole, Ivana Damjanov, Patrick J. McCarthy, Matthew Colless, & Robert G. Sharp.** 2010. "High star formation rates as the origin of turbulence in early and modern disk galaxies." *Nature* **467** (7 October): 684-686.
- Green, Brian M., Kenneth J. Finn, & Joachim J. Li.** 2010. "Loss of DNA Replication Control Is a Potent Inducer of Gene Amplification." *Science* **329** (20 August): 943-946.
- Green, C. S., C. Benson, D. Kersten, & P. Schrater.** 2010. "Alterations in choice behavior by manipulations of world model." *Proceedings of the National Academy of Sciences* **107** (7 September): 16401-16406.
- Green, Carmen.** 2015. "The Media Is Doing Exactly What Rachel Dolezal's Abusive Homeschooling Parents Want." *Homeschoolers Anonymous* 16 June posting (online text at *homeschoolersanonymous.wordpress.com* accessed 6/16/2015).
- Green, David J., & Zeresenay Alemseged.** 2012. "*Australopithecus afarensis* Scapular Ontogeny, Function, and the Role of Climbing in Human Evolution." *Science* **338** (26 October): 514-517.
- Green, H. L. H. H.** 1937. "VIII—The Development and Morphology of the Teeth of *Ornithorhynchus*." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **228** (26 November): 367-420.
- Green, Jennifer, & Dhruvi Shah.** 2013. "DNA: the 'smartest' molecule in existence?" *BBC News* posting 24 April: online text accessed 7/29/2014 (*news.bbc.co.uk*).
- Green, Kenneth P.** 2009a. "Let the climategate hearings begin." *Frontier Center for Public Policy* 1 December repost by *American Enterprise Institute* (online text at *www.aei.org* accessed 8/25/2012).
- . 2009b. "Countering Kerry's Catastrophic Climate Claims." *American Enterprise Institute* posting December (online text at *www.aei.org* accessed 3/2/2011).
- . 2009c. "Who's in Denial Now?" *Calgary Herald* 28 December repost by *American Enterprise Institute* (online text at *www.aei.org* accessed 8/25/2012).

- . 2010. “Creating a Problem for Climate Skeptics.” American Enterprise Institute *The American* 22 March posting (online text at www.aei.org accessed 8/25/2012).
- Green, Kesten C., J. Scott Armstrong, & Willie Soon.** 2009. “Validity of climate change forecasting for public policy decision making.” *International Journal of Forecasting* 25 (October-December): 826-832.
- Green, Mark.** 2012. “Review of Roger Schlafly’s ‘How Einstein Ruined Physics’.” *Occidental Observer* 24 March posting (online text at www.theoccidentalobserver.net accessed 6/19/2014).
- Green, Mark M., & Vipul Jain.** 2010. “Homochirality in Life: Two Equal Runners, One Tripped.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) 40 (February): 111-118.
- Green, Peter.** 2007. *The Hellenistic Age: A History*. New York: The Modern Library.
- Green, Phil, & Brent Ewing.** 2013. “Comment on ‘Evidence of Abundant Purifying Selection in Humans for Recently Acquired Regulatory Functions’.” *Science* 340 (10 May): 682.
- Green, Rachel, Andrew D. Ellington, & Jack W. Szostak.** 1990. “*In vitro* genetic analysis of the *Tetrahymena* self-splicing intron.” *Nature* 347 (27 September): 406-408.
- Green, Richard E., Edward L. Braun, Joel Armstrong, Dent Earl, Ngan Nguyen, Glenn Hickey, Michael W. Vandewege, John A. St. John, Salvador Capella-Gutiérrez, Todd A. Castoe, Colin Kern, Matthew K. Fujita, Juan C. Opazo, Jerzy Jurka, Kenji K. Kojima, Juan Caballero, Robert M. Hubley, Arian F. Smit, Roy N. Platt, Christine A. Lavoie, Meganathan P. Ramakodi, John W. Finger Jr., Alexander Suh, Sally R. Isberg, Lee Miles, Amanda Y. Chong, Weerachai Jaratlerdsiri, Jaime Gongora, Christopher Moran, Andrés Iriarte, John McCormack, Shane C. Burgess, Scott V. Edwards, Eric Lyons, Christina Williams, Matthew Breen, Jason T. Howard, Cathy R. Gresham, Daniel G. Peterson, Jürgen Schmitz, David D. Pollock, David Haussler, Eric W. Triplett, Guojie Zhang, Naoki Irie, Erich D. Jarvis, Christopher A. Brochu, Carl J. Schmidt, Fiona M. McCarthy, Brant C. Faircloth, Federico G. Hoffmann, Travis C. Glenn, Toni Gabaldón, Benedict Paten, & David A. Ray.** 2014. “Three crocodylian genomes reveal ancestral patterns of evolution among archosaurs.” *Science* 346 (12 December): 1254449 (online at sciencemag.org).
- Green, Richard E., Johannes Krause, Adrian W. Briggs, Tomislav Maricic, Udo Stenzel, Martin Kircher, Nick Patterson, Heng Li, Weiwei Zhai, Markus His-Yang Fritz, Nancy F. Hansen, Eric Y. Durand, Anna-Sapfo Malaspinas, Jeffrey D. Jensen, Tomas Marques-Bonet, Can Alkan, Kay Prüfer, Matthias Meyer, Hernán A. Burbano, Jeffrey M. Good, Rigo Schultz, Ayinuer Aximu-Petri, Anne Butthof, Barbara Höber, Barbara Höffner, Madlen Siegemund, Antie Weihmann, Chad Nusbaum, Eric S. Lander, Carsten Russ, Nathaniel Novod, Jason Affourtit, Michael Egholm, Christine Verna, Pavao Rudan, Dejana Brajkovic, Zeljko Kucan, Ivan Gušić, Vladimir B. Doronichev, Liubov V. Golovanova, Carles Lalueza-Fox, Marco de la Rasilla, Javier Fortea, Antonio Rosas, Ralf W. Schmitz, Philip L. F. Johnson, Evan E. Eichler, Daniel Falush, Ewan Birney, James C. Mullikin, Montgomery Slatkin, Rasmus Nielsen, Janet Kelso, Michael Lachmann, David Reich, & Svante Pääbo.** 2010. “A Draft Sequence of the Neandertal Genome.” *Science* 328 (7 May): 710-722.
- Green, Richard E., Johannes Krause, Susan E. Ptak, Adrian W. Briggs, Michael T. Ronan, Jan F. Simons, Lei Du, Michael Egholm, Jonathan M. Rothberg, Maja Paunovic, & Svante Pääbo.** 2006. “Analysis of one million base pairs of Neanderthal DNA.” *Nature* 444 (16 November): 330-336.
- Green, Robert.** 1996. *Herod the Great*. New York: Franklin Watts (Grolier Publishing).
- Green, Stephen A., Marcos Simoes-Costa, & Marianne E. Bronner.** 2015. “Evolution of vertebrates as viewed from the crest.” *Nature* 520 (23 April): 474-482.
- Green, Stephen A., Benjamin R. Uy, & Marianne E. Bronner.** 2017. “Ancient evolutionary origin of vertebrate enteric neurons from trunk-derived neural crest.” *Nature* 544 (6 April): 88-91.
- Green, Steven K.** 2012. *The Bible, the School, and the Constitution: The Clash that Shaped Modern Church-State Doctrine*. Oxford: Oxford University Press.

- Green, Tanya L.** 2001. "The Negro Project: Margaret Sanger's Eugenic Plan for Black Americans." *Concerned Women for America* 1 May posting (online text at www.cwfa.org accessed 2/25/2014).
- . 2002. "Ohio Board of Ed to Debate New Theory: Advocates of Intelligent Design to Get Hearing in March." *Concerned Women for America* 14 February posting (online text at www.cwfa.org accessed 7/24/2002, not available as of 2/25/2014).
- Green Agenda.** 2008. "The Green Economy." *The Green Agenda* posting (online text at green-agenda.com accessed 8/20/2011).
- Greenawalt, Kent.** 2005a. *Does God Belong in Public Schools?* Princeton, NJ: Princeton University Press.
- . 2005b. "Common Sense About Original and Subsequent Understandings of the Religion Clauses." *Journal of Constitutional Law* 8 (May): 479-512.
- Greenberg, Gary.** 2000. *101 Myths of the Bible: How Ancient Scribes Invented Biblical History.* Naperville, IL: Sourcebooks, Inc.
- Greenberg, Kenneth S.** 1996. *Honor & Slavery: Lies, Duels, Noses, Masks, Dressing as a Woman, Gifts, Strangers, Humanitarianism, Death, Slave Rebellions, the Proslavery Argument, Baseball, Hunting, and Gambling in the Old South.* Princeton, NJ: Princeton University Press.
- Greenberger, Josh.** 2008. "The Crumbling Façade Of The Theory Of Evolution." 1 June home page posting (online text at joshgreenberger.com accessed 12/22/2015).
- . 2015. "Fossil Discoveries Disprove Evolution Beyond A Doubt." *Evolution Disproven* undated posting (online text at evolutiondisproven.com accessed 6/12/2015, not available as of 12/22/2015).
- Greene, Harry W., & David Cundall.** 2000. "Limbless Tetrapods and Snakes with Legs." *Science* 287 (17 March): 1939-1941.
- Greene, John C.** 2004. "Impressions of the Claremont Conference & Ernst Mayr." *Reports of the National Center for Science Education* 24 (September-October): 34-37.
- Greene, Joshua D.** 2003. "From neural 'is' to moral 'ought': what are the moral implications of neuroscientific moral psychology?" *Nature Reviews Neuroscience* 4 (October): 847-850.
- . 2005. "Cognitive Neuroscience and the Structure of the Moral Mind," in Carruthers *et al.* (2005, 338-352).
- . 2007a. "The Secret Joke of Kant's Soul," in Sinnott-Armstrong (2007, 35-79).
- . 2007b. "Reply to Mikhail and Timmons," in Sinnott-Armstrong (2007, 105-117).
- . 2009a. "The Cognitive Neuroscience of Moral Judgment," in Gazzaniga (2009, 987-999).
- . 2009b. "Fruit Flies of the Moral Mind," in Brockman (2009, 105-115).
- . 2009c. "Dual-process morality and the personal/impersonal distinction: A reply to McGuire, Langdon, Coltheart, and Mackenzie." *Journal of Experimental Social Psychology* 45 (May): 581-584.
- . 2011. "Social Neuroscience and the Soul's Last Stand," in Todorov *et al.* (2011, 263-273).
- . 2014. "From fear recognition to kidney donation." *Proceedings of the National Academy of Sciences* 111 (2 October): 14966-14967.
- . 2016. "Our driverless dilemma." *Science* 352 (24 June): 1514-1515.
- Greene, Joshua D., & Jonathan D. Cohen.** 2004. "For the law, neuroscience changes nothing and everything." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) 359 (November): 1775-1785.
- Greene, Joshua D., Fiery A. Cushman, Lisa E. Stewart, Kelly Lowenberg, Leigh E. Nystrom, & Jonathan D. Cohen.** 2009. "Pushing moral buttons: The interaction between personal force and intention in moral judgment." *Cognition* 111 (June): 364-371.
- Greene, Joshua D., & Jonathan Haidt.** 2002. "How (and where) does moral judgment work?" *Trends in Cognitive Sciences* 6 (December): 517-523.
- Greene, Joshua D., Sylvia A. Morelli, Kelly Lowenberg, Leigh E. Nystrom, & Jonathan D. Cohen.** 2008. "Cognitive load selectively interferes with utilitarian moral judgment." *Cognition* 107 (June): 1144-1154.

- Greene, Joshua D., Leigh E. Nystrom, Andrew D. Engell, John M. Darley, & Jonathan D. Cohen.** 2004. "The Neural Bases of Cognitive Conflict and Control in Moral Judgment." *Neuron* **44** (14 October): 389-400.
- Greene, Joshua D., & Joseph M. Paxton.** 2009. "Patterns of neural activity associated with honest and dishonest moral decisions." *Proceedings of the National Academy of Sciences* **106** (28 July): 12506-12511.
- Greene, Joshua D., R. Brian Sommerville, Leigh E. Nystrom, John M. Darley, & Jonathan D. Cohen.** 2001. "An fMRI Investigation of Emotional Engagement in Moral Judgment." *Science* **293** (14 September): 2105-2108.
- Greene, Paul.** 2013a. "A Time of Change: On the necessary return to a rational understanding of the nature of man and the universe." *A Time of Change* posting (online pdf at www.atimeofchange.net accessed 5/19/2015).
- . 2013b. "A Time of Change: The Dover Trial (How the Project Started)." *A Time of Change* 1 July posting (online text at www.atimeofchange.net accessed 5/19/2015).
- Greenfield, Nicole.** 2010. "Sarah Palin's Alaska: 'God-Given Oil Reserves'." *Religion Dispatches* 26 September posting (online text at religiondispatches.org accessed 9/27/2010).
- . 2013a. "New Pope Accused of Conspiring in Kidnapping." *Religion Dispatches* 13 March posting (online text at religiondispatches.org accessed 3/14/2013).
- . 2013b. "Evangelical Star Rob Bell Comes Out For Marriage Equality." *Religion Dispatches* 18 March (online text at religiondispatches.org accessed 3/23/2013).
- Greenfield, Patricia M., & Kristen Gillespie-Lynch.** 2008. "Intersubjectivity evolved to fit the brain, but grammar co-evolved with the brain." *Behavioral and Brain Sciences* **31** (5): 523-524.
- Greenfield, Susan A.** 1996. *The Human Mind Explained: An Owner's Guide to the Mysteries of the Human Mind*. New York: Henry Holt & Co.
- . 1997. *The Human Brain: A Guided Tour*. New York: Basic Books.
- Greenhagen, Benjamin T., Paul G. Lucey, Michael B. Wyatt, Timothy D. Glotch, Carlton C. Allen, Jessica A. Arnold, Joshua L. Bandfield, Neil E. Bowles, Kerri L. Donaldson Hanna, Paul O. Hayne, Eugenie Song, Ian R. Thomas, & David A. Paige.** 2010. "Global Silicate Mineralogy of the Moon from the Diviner Lunar Radiometer." *Science* **329** (17 September): 1507-1509.
- Green Scholars Initiative.* 2013. "Staff & Scholars." *Green Scholas Initiative* posting (online text at www.greenscholarsinitiative.org accessed 7/15/2014).
- Green Scientist.** 2007. "The worst climate science paper ever of all time anywhere." *Nexus 6* 1 February posting (online text n3xus6.blogspot.com accessed 6/25/2011).
- Greenspahn, Frederick E.** 1983. "Biblical Views of Creation." *Creation/Evolution* **4** (Summer): 30-38.
- Greenspan, Neil S., & Anthony Canamucio.** 2002. "Not-So-Intelligent Design." *The Scientist* (4 March) posting by *Free Republic* (online text at www.freerepublic.com accessed 11/25/2002).
- Greenspan, Sam.** 2012a. "11 Random Facts About the 2012 Mayan Apocalypse." *11 Points* 3 January posting (online text at www.11points.com accessed 1/19/2012).
- . 2012b. "11 Eye-Opening Highlights From a Creationist Science Textbook." *11 Points* 9 January posting (online text at www.11points.com accessed 1/19/2012).
- Greenwalt, Dale E., Yulia S. Goreva, Sandra M. Siljeström, Tim Rose, & Ralph E. Harbach.** 2013. "Hemoglobin-derived porphyrins preserved in a Middle Eocene blood-engorged mosquito." *Proceedings of the National Academy of Sciences* **110** (12 November): 18496-18500.
- Greenwold, Matthew J., & Roger H. Sawyer.** 2010. "Genomic organization and molecular phylogenies of the beta (β) keratin multigene family in the chicken (*Gallus gallus*) and zebra finch (*Taeniopygia guttata*): implications for feather evolution." *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (18 May): 148.
- . 2011. "Linking the molecular evolution of avian beta (β) keratins to the evolution of

- feather.” *Journal of Experimental Zoology* **316B** (15 December): 609-616.
- . 2013. “Molecular evolution and expression of archosaurian β -keratins: Diversification and expansion of archosaurian β -keratins and the origin of feather β -keratins.” *Journal of Experimental Zoology* **320** (September): 393-405.
- Greenwood, David R.** 1990. “The Taphonomy of Plant Macrofossils,” in Donovan (1990, 141-169).
- Greenwood, Richard, Ashok Bhalla, Alan Gordon, & Jeremy Roberts.** 1983. “Behaviour disturbances during recovery from herpes simplex encephalitis.” *Journal of Neurology, Neurosurgery and Psychiatry* **46** (September): 809-817.
- Greenwood, Veronique.** 2013. “Taste-Blind Mice Make Tangled Sperm.” *Scientific American* **309** (October): 23.
- Greer, Adam T., C. Brock Woodson, Cedric M. Guigand, & Robert K. Cowen.** 2016. “Larval fish utilize Batesian mimicry as a survival strategy in the plankton.” *Marine Ecology Progress Series* **551** (9 June): 1-12.
- Greer, Eric Lieberman, Mario Andres-Blanco, Lei Gu, Erdem Sending, Jianzhao Liu, David Aristizábal-Corrales, Chih-Hung Hsu, L. Aravind, Chuan He, & Yang Shi.** 2015. “DNA Methylation on N₆-Adenine in *C. elegans*.” *Cell* **161** (7 May): 868-878.
- Greer, Eric L., Travis J. Maures, Duygu Ucar, Anna G. Hauswirth, Elena Mancini, Jana P. Lim, Bérénice A. Benayoun, Yang Shi, & Anne Brunet.** 2011. “Transgenerational epigenetic inheritance of longevity in *Caenorhabditis elegans*.” *Nature* **479** (17 November): 365-371.
- Greer, John Michael.** 2016. “Scientific Education as a Cause of Political Stupidity.” *The Archdruid Report* 13 July posting (online text at thearchdruidreport.blogspot.com accessed 8/1/2016).
- Greer, Joy M., John Puetz, Kirk R. Thomas, & Mario R. Capecchi.** 2000. “Maintenance of functional equivalence during paralogous Hox gene evolution.” *Nature* **403** (10 February): 661-665.
- Greer, Mike.** 2014a. “Why Al Mohler Offered to ‘Host’ Kentucky’s U.S. Senate Race Debates.” *Religion Dispatches* 15 August posting (online text at religiondispatches.org accessed 8/18/2014).
- . 2014b. “Did the ‘Science Guy’ Bill Nye Single-Handedly Revive Noah’s Ark Theme Park?” *Religion Dispatches* 26 August posting (online text at religiondispatches.org accessed 8/27/2014).
- Gregerman, Adam.** 2012. “Theology Fail in Christian Statement on Israel, Judaism, Palestine.” *Religion Dispatches* 29 June posting (online text at religiondispatches.org accessed 7/2/2012).
- Gregg, Christopher, Jiangwen Zhang, James E. Butler, David Haig, & Catherine Dulac.** 2010. “Sex-Specific Parent-of-Origin Allelic Expression in the Mouse Brain.” *Science* **329** (6 August): 682-685.
- Gregg, Christopher, Jiangwen Zhang, Brandon Weissbourd, Shujun Luo, Gary P. Schroth, David Haig, & Catherine Dulac.** 2010. “High-Resolution Analysis of Parent-of-Origin Allelic Expression in the Mouse Brain.” *Science* **329** (6 August): 643-648.
- Gregg, K., S. D. Wilton, D. A. Parry, & G. E. Rogers.** 1984. “A comparison of genomic coding sequences for feather and scale keratins: structural and evolutionary implications.” *The EMBO Journal* **3** (January): 175-178.
- Gregor, Michael.** 2008. “Flu pandemics and eastern Asia,” in Benton (2008a, 276-277).
- Gregor, Thomas, Koichi Fujimoto, Noritaka Masaki, & Satoshi Sawai.** 2010. “The Onset of Collective Behavior in Social Amoebae.” *Science* **328** (21 May): 1021-1025.
- Gregori, G. P., J. L. Lanzerotti, C. G. Maclennan, L. V. Medford, A. Meloni, & D. J. Thomson.** 1986. “Measurement of the Large Scale Direct Current Earth Potential and Possible Implications for the Geomagnetic Dynamo.” *Science* **229** (5 July): 47-49.
- Gregorios-Pippas, Lucy, Philippe N. Tobler, & Wolfram Schultz.** 2009. “Short-Term Temporal Discounting of Reward Value in Human Ventral Striatum.” *Journal of Neurophysiology* **101** (March): 1507-1523.

- Gregory, Laura C., Joseph G. Meert, Bernard Bingen, Manoj K. Pandit, & Trond H. Torsvik.** 2009. "Paleomagnetism and geochronology of the Malani Igneous Suite, Northwest India: Implications for the configuration of Rodinia and the assembly of Gondwana." *Precambrian Research* **170** (April): 13-26.
- Gregory, S. A., M. R. Albert, & I. Baker.** 2014. "Impact of physical properties and accumulation rate on pore close-off in layered firn." *The Cryosphere* **8**: 91-105.
- Gregory, T. Ryan.** 2004a. "Insertion-deletion biases and the evolution of genome size." *Gene* **324** (January): 15-34.
- . 2004b. "Macroevolution, hierarchy theory, and the C-value enigma." *Paleobiology* **30** (June): 179-202.
- . 2005. "The C-value Enigma in Plants and Animals: A Review of Parallels and an Appeal for Partnership." *Annals of Botany* **95** (January): 133-146.
- . 2007a. "The onion test." *Genomicron* posting 25 April (online text at genomicron.evolverzone.com accessed 9/7/2012).
- . 2007b. "Function, non-function, some function: a brief history of junk DNA." *Genomicron* posting 14 June (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2007c. "An opportunity for ID to be scientific." *Genomicron* posting 10 July (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2007d. "Junk DNA: let me say it one more time." *Genomicron* posting 16 September (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2007e. "Quotes of interest—junk DNA and selfish DNA." *Genomicron* posting 18 November (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008a. "Junk DNA and ID redux." *Genomicron* posting 15 January (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2008b. "Evolution as Fact, Theory, and Path." *Evolution: Education & Outreach* **1** (January): 46-52.
- . 2008c. "Non-functional DNA: the burdon of proof." *Genomicron* posting 10 February (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2008d. "Non-functional DNA: quantity." *Genomicron* posting 11 February (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2008e. "Non-functional DNA: non-functional vs. inconsequential." *Genomicron* posting 12 February (online text at genomicron.blogspot.com accessed 7/9/2008).
- . 2008f. "Quotes of interest—1980s edition (part one)." *Genomicron* posting 14 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008g. "Quotes of interest—long neglected, some noncoding DNA is actually functional." *Genomicron* posting 15 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008h. "Quotes of interest—Nobel Prize special edition." *Genomicron* posting 15 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008i. "Quotes of interest—1980s edition (part two)." *Genomicron* posting 16 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008j. "Quotes of interest—science news stories." *Genomicron* posting 16 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008k. "Quotes of interest—pseudogene." *Genomicron* posting 16 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008l. "Quotes of interest—satellite DNA." *Genomicron* posting 17 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008m. "Quotes of interest—1970s edition (part one)." *Genomicron* posting 21 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008n. "Quotes of interest—Ohno (1973) and discussion." *Genomicron* posting 21 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008o. "Quotes of interest—Alu." *Genomicron* posting 21 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008p. "Quotes of interest—beware single citations and non-citations." *Genomicron* posting 22 February (online text at genomicron.evolverzone.com accessed 6/26/2010).

- . 2008q. “Quotes of interest—satellite DNA in the news.” *Genomicron* posting 23 February (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2008r. “Understanding Evolutionary Trees.” *Evolution: Education & Outreach* **1** (April): 121-137.
- . 2008s. “Evolutionary Trends.” *Evolution: Education & Outreach* **1** (July): 259-273.
- . 2008t. “Introduction.” *Evolution: Education & Outreach* **1** (October): 352-354.
- . 2008u. “The Evolution of Complex Organs.” *Evolution: Education & Outreach* **1** (October): 358-389.
- . 2008v. “Quotes of interest—Alu again.” *Genomicron* posting 11 November (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2009a. “Artificial Selection and Domestication: Modern Lessons from Darwin’s Enduring Analogy.” *Evolution: Education & Outreach* **2** (March): 5-27.
- . 2009b. “Quotes of interest—ERVs.” *Genomicron* posting 18 March (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2009c. “Understanding Natural Selection: Essential Concepts and Common Misconceptions.” *Evolution: Education & Outreach* **2** (June): 156-175.
- . 2009d. “The Junk DNA myth strikes again (next up: media hype).” *Genomicron* posting 18 September (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2009e. “The Junk DNA myth (or lack thereof), explained one more time.” *Genomicron* posting 6 December (online text at genomicron.evolverzone.com accessed 6/26/2010).
- . 2009f. “The Argument from Design: A Guided Tour of William Paley’s *Natural Theology* (1802).” *Evolution: Education & Outreach* **2** (December): 602-611.
- . 2012. “A slightly different response to today’s ENCODE hype.” *Genomicron* posting 5 September (online text at genomicron.evolverzone.com accessed 9/7/2012).
- Gregory, W. K.** 1927. “Hesperopithecus Apparently Not an Ape Nor a Man.” *Science* **66** (16 December): 579-581.
- Grehan, John R.** 1984. “Croizat’s ‘Orthogeny’ and Darwin’s ‘Laws of Growth’.” *Tuatara* **27** (August): 14-19.
- Greig, D.** 2009. “Reproductive isolation in *Saccharomyces*.” *Heredity* **102** (January): 39-44.
- Greilhuber, Johann.** 2005. “Intraspecific Variation in Genome Size in Angiosperms: Identifying its Existence.” *Annals of Botany* **95** (January): 91-98.
- Greilhuber, Johann, Jaroslav Doležal, Martin A. Lysák, & Michael D. Bennett.** 2005. “The Origin, Evolution and Proposed Stabilization of the Terms ‘Genome Size’ and ‘C-Value’ to Describe Nuclear DNA Contents.” *Annals of Botany* **95** (January): 255-260.
- Grellet-Tinner, Gerald, Xabier Murelaga, Juan C. Larrasoana, Luis F. Silveira, Maitane Olivares, Luis A. Ortega, Patrick W. Trimby, & Ana Pascual.** 2012. “The First Occurrence in the Fossil Record of an Aquatic Avian Twig-Nest with Phoenicopteriformes Eggs: Evolutionary Implications.” *PLoS ONE* (online @ plosone.org) **7** (October): e46972.
- Gremillion, Kristen J., Loukas Barton, & Delores R. Piperno.** 2014a. “Particularism and the retreat from theory in the archaeology of agricultural origins.” *Proceedings of the National Academy of Sciences* **111** (29 April): 6171-6177.
- . 2014b. “Reply to Zeder: Maintaining a diverse scientific toolkit is not an act of faith.” *Proceedings of the National Academy of Sciences* **111** (15 July): E2828.
- . 2014c. “Reply to Smith: On distinguishing between models, hypotheses, and theoretical frameworks.” *Proceedings of the National Academy of Sciences* **111** (15 July): E2830.
- Grenier, Jennifer K., & Sean B. Carroll.** 2000. “Functional evolution of the Ultrabithorax protein.” *Proceedings of the National Academy of Sciences* **97** (18 January): 704-709.
- Grenne, Tor, & John F. Slack.** 2003. “Paleozoic and Mesozoic silica-rich seawater: Evidence from hematitic chert (jasper) deposits.” *Geology* **31** (April): 319-322.
- Grens, Kerry.** 2013a. “Accused ‘Fraudster’ Heads Two Journals.” *The Scientist* posting 2 July (online text at the-scientist.com accessed 5/12/2014).
- . 2013b. “Editor Quits After Fraud Allegations.” *The Scientist* posting 10 July (online text at the-scientist.com accessed 5/12/2014).
- . 2014a. “The Rainbow Connection.” *The Scientist* posting 1 October (online text at the-scientist.com accessed 5/12/2014).

- scientist.com* accessed 10/3/2014).
- . 2014b. “A Face to Remember.” *The Scientist* posting 1 November (online text at *the-scientist.com* accessed 11/3/2014).
- . 2015. “Plant Biologist’s Work Investigated.” *The Scientist* posting 2 April (online text at *the-scientist.com* accessed 4/6/2015).
- Gresky, Julia, Juliane Haelm, & Lee Clare.** 2017. “Modified human crania from Göbekli Tepe provide evidence for a new form of Neolithic skull cult.” *Science Advances* **3** (28 June): e1700564 (online at *sciencemag.org*).
- Grewal, Daisy.** 2012. “How Critical Thinkers Lose Their Faith in God.” *Scientific American* posting 1 May (online text at *scientificamerican.com* accessed 6/1/2012).
- Grewal, Shiv IS, & Judd C. Rice.** 2004. “Regulation of heterochromatin by histone methylation and small RNAs.” *Current Opinion in Cell Biology* **16** (June): 230-238.
- Grey, Kathleen, Malcolm R. Walter, & Clive R. Calver.** 2003. “Neoproterozoic biotic diversification: Snowball Earth or aftermath of the Acraman impact?” *Geology* **31** (May): 459-462.
- Greydanus, Steven D.** 2012. “Interview: Why Jane Goodall Thinks Chimps May Have Souls.” *Christianity Today* posting 20 April: online text accessed 6/20/2013 (*www.christianitytoday.com*).
- Greyson, Bruce, Edward F. Kelly, & W. J. Rose Dunseath.** 2013. “Surge of neurophysiological activity in the dying brain.” *Proceedings of the National Academy of Sciences* **110** (19 November): E4405.
- Gribaldo, Simonetta, & Piero Cammarano.** 1998. “The Root of the Universal Tree of Life Inferred from Anciently Duplicated Genes Encoding Components of the Protein-Targeting Machinery.” *Journal of Molecular Evolution* **47** (November): 508-516.
- Gribaldo, Simonetta, & Celine Brochier-Armanet.** 2006. “The origin and evolution of Archaea: a state of the art.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (June): 1007-1022.
- Gribbin, John.** 1983. “The Cosmic Serpent.” *Kronos* **8** (Summer): 59-61.
- . 1998. *The Case of the Missing Neutrinos and Other Curious Phenomena of the Universe*. New York: Fromm International.
- Gribbin, John, & Mary Gribbin.** 1997. *Richard Feynman: A Life in Science*. New York: Dutton.
- Gribbin, John R., & Stephen H. Plagemann.** 1974. *The Jupiter Effect*. New York: Walker & Co.
- Grieg, Duncan, Edward J. Louis, Rhona H. Borts, & Michael Travisano.** 2002. “Hybrid Speciation in Experimental Populations of Yeast.” *Science* **298** (29 November): 1773-1775.
- Grier, Peter.** 2010. “John Patrick Bedell: Antigovernment extremism behind shooting?” *The Christian Science Monitor* (5 March): online text (updated 8 March) accessed 8/11/2011 (*csmonitor.com*).
- Grierson, Ian, Paul Hiscott, Penny Hogg, Helen Robey, Ank Mazure, & Genevieve Larkin.** 1994. “Development, Repair and Regeneration of the Retinal Pigment Epithelium.” *Eye* **8** (March): 255-262.
- Griffin, Ashleigh, & Stuart A. West.** 2002. “Kin selection: fact and fiction.” *Trends in Ecology & Evolution* **17** (January): 15-21.
- . 2003. “Kin Discrimination and the Benefit of Helping in Cooperatively Breeding Vertebrates.” *Science* **302** (24 October): 634-636.
- Griffin, Chad.** 2012. “Calling out hate when we see it.” *The Washington Post* posting 20 August: online text accessed 8/22/2012 (*www.washingtonpost.com*).
- Griffin, Christopher T., & Sterling J. Nesbitt.** 2016. “Anomalously high variation in postnatal development is ancestral for dinosaurs but lost in birds.” *Proceedings of the National Academy of Sciences* **113** (20 December): 14757-14762.
- Griffin, Des.** 2002. “Fourth Reich of the Rich.” *Hidden Mysteries* book summary posting (online text at *www.hiddenmysteries.com* accessed 8/19/2002).

- . 2013a. “Des Griffin’s Special Alert Newsletter.” *Midnight Emissary* undated posting (online text at www.midnight-emissary.com accessed 1/16/2014).
- . 2013b. “DVD Videos by Dr. Kent Hovind.” *Midnight Emissary* undated posting (online text at www.midnight-emissary.com accessed 1/16/2014).
- . 2013c. “The Jewish Issue.” *Midnight Emissary* undated posting (online text at www.midnight-emissary.com accessed 1/16/2014).
- Griffin, Donald R.** 1984. “Animal Thinking.” *American Scientist* **72** (September-October): 456-464.
- . 2000. “Scientific approaches to animal consciousness.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 889-892.
- . 2001. “Animals know more than we used to think.” *Proceedings of the National Academy of Sciences* **98** (24 April): 4833-4834.
- Griffith, Elizabeth C., Adrian F. Tuck, & Veronica Vaida.** 2012. “Ocean-Atmosphere Interactions in the Emergence of Complexity in Simple Chemical Systems.” *Accounts of Chemical Research* **45** (December): 2106-2113.
- Griffith, Elizabeth M., Adina Paytan, Ken Caldeira, Thomas D. Bullen, & Ellen Thomas.** 2008. “A Dynamic Marine Calcium Cycle During the Past 28 Million Years.” *Science* **322** (12 December): 1671-1674.
- Griffith, Justin.** 2012a. “West Point’s dangerous medieval Christian Crusader imagery.” *Rock Beyond Belief* posting 23 May (online text at freethoughtblogs.com/rockbeyondbelief accessed 12/8/2012).
- . 2012b. “I Suppose I Look at the Slimepit Differently.” *Rock Beyond Belief* posting 23 June (online text at freethoughtblogs.com/rockbeyondbelief accessed 8/27/2012).
- . 2012c. “The Pits.” *Rock Beyond Belief* posting 1 July (online text at freethoughtblogs.com/rockbeyondbelief accessed 8/27/2012).
- . 2012d. “Greg Laden’s ‘Sometimes the bad guys win’.” *Rock Beyond Belief* posting 4 July (online text at freethoughtblogs.com/rockbeyondbelief accessed 9/6/2012).
- Griffith, Wendy.** 2001a. “The Zero Year Curse.” *Christian Broadcasting Network* 3 May posting (online text at www.cbn.com accessed 6/5/2001).
- . 2001b. “Biblical Illiteracy.” *Christian Broadcasting Network* 17 May posting (online text at www.cbn.com accessed 6/5/2001).
- Griffiths, Gillian M.** 2013. “Open questions: missing pieces from the immunological jigsaw puzzle.” *BMC Biology* (online @ biomedcentral.com) **11** (31 January): 10.
- Griffiths, M., R. T. Wells, & D. J. Hand.** 1991. “Observations on the skulls of fossil and extant echidnas (Monotremata: Tachyglossidae).” *Australian Mammalogy* **14**: 87-101.
- Griffiths, Paul E.** 1996. “Darwinism, Process Structuralism, and Natural Kinds.” *Philosophy of Science* **63** (September Supplement): S1-S9.
- Griffiths, Paul E., & Eva Neumann-Held.** 1999. “The many faces of the gene.” *BioScience* **49** (August): 656-662.
- Griffiths, Roland R., Matthew W. Johnson, William A. Richards, Brian D. Richards, Una McCann, & Robert Jesse.** 2011. “Psilocybin occasioned mystical-type experiences: immediate and persisting dose-related effects.” *Psychopharmacology* **218** (December): 649-665.
- Griffiths, R. R., W. A. Richards, M. W. Johnson, U. D. McCann, & R. Jesse.** 2008. “Mystical-type experiences occasioned by psilocybin mediate the attribution of personal meaning and spiritual significance 14 months later.” *Journal of Psychopharmacology* **22** (August): 621-632.
- Griffiths, Thomas L.** 2011. “Rethinking language: How probabilities shape the words we use.” *Proceedings of the National Academy of Sciences* **108** (8 March): 3825-3826.
- Grifoni, Alba, Alessandra Lo Presti, Marta Giovanette, Carla Montesano, Massimo Amicosante, Vittorio Colizzi, Alessia Lai, Gianguglielmo Zehender, Eleonora Cella, Silvia Angeletti, & Massimo Ciccozzi.** 2016. “Genetic diversity in Ebola virus: Phylogenetic and *in silico* structural studies of Ebola viral proteins.” *Asian Pacific Journal of Tropical Medicine* **9** (April): 337-343.

- Grigg, Gordon C., Lyn A. Beard, & Michael L. Augee.** 2004. “The Evolution of Endothermy and Its Diversity in Mammals and Birds.” *Physiological and Biochemical Zoology* **77** (November/December): 982-997.
- Grigg, Russell.** 1996. “Ernst Haeckel: Evangelist for evolution and apostle of deceit.” *Answers in Genesis Creation* **18** (March): 33-36.
- . 1998. “Fraud Rediscovered.” *Answers in Genesis Creation ex Nihilo* **20** (March-May): 49-51.
- . 2002. “Are there apemen in your ancestry?” *Answers in Genesis Creation* **25** (December): 16-19.
- . 2006. “Stalin’s ape-man Superwarriors.” *Answers in Genesis Creation* **29** (December): 32-33.
- . 2007. “Darwinian thought police strike again.” *Creation Ministries International* posting 12 June (online text at *creation.com* accessed 1/21/2014).
- . 2009. “What did Wilberforce *really* say to ‘Darwin’s bulldog’?” *Creation Ministries International* posting 1 December (online text at *creation.com* accessed 8/14/2012).
- . 2011. “Darwin, slavery, and abolition.” *Answers in Genesis Creation* **33** (April): 44-46.
- Griggs, Richard A.** 2015. “Coverage of the Phineas Gage Story in Introductory Psychology Textbooks.” *Teaching in Psychology* **42** (July): 195-202.
- Grillner, Sten.** 2011. “Human Locomotor Circuits Confirm.” *Science* **334** (18 November): 912-913.
- Grillner, Sten, & Brita Robertson.** 2016. “The Basal Ganglia Over 500 Million Years.” *Current Biology* **26** (24 October): R1088-R1100.
- Grillo, Marco, Marc Furiols, Jordi Casanova, & Stefan Luschig.** 2011. “Control of Germline *torso* Expression by the BTB/POZ Domain Protein Pipsqueak Is Required for Embryonic Terminal Patterning in Drosophila.” *Genetics* **187** (February): 513-521.
- Grimaldi, David A.** 1996. “Captured in Amber.” *Scientific American* **274** (April): 84-91.
- . 2009. “Pushing Back Amber Production.” *Science* **326** (2 October): 51-52.
- Grimaldi, David, & Donat Agosti.** 2000. “A formicine in New Jersey Cretaceous amber (Hymenoptera: Formicidae) and early evolution of ants.” *Proceedings of the National Academy of Sciences* **97** (5 December): 13678-13683.
- Grimaldi, David, & Gerard R. Case.** 1995. “A Feather in Amber from the Upper Cretaceous of New Jersey.” *American Museum Novitates* **3126** (5 April): 1-6.
- Grimes, Bill.** 2000. “Matthew 16:28: A Time Statement for What?” *Things to Come* posting (online text at *thingstocome.org* accessed 7/18/2010).
- Grimes, Stephen T., Fiona Brock, David Rickard, Kevin L. Davies, Dianne Edwards, Derek E. G. Briggs, & R. John Parkes.** 2001. “Understanding fossilization: Experimental pyritization of plants.” *Geology* **29** (February): 123-126.
- Grimes, William.** 2010. “Philippa Foot, Renowned Philosopher, Dies at 90.” *The New York Times* posting 9 October: online text accessed 9/20/2012 (*www.nytimes.com*).
- Grimm, David.** 2010. “Is a Dolphin a Person?” *Science* **327** (26 February): 1070-1071.
- . 2011. “Are Dolphins Too Smart for Captivity?” *Science* **332** (29 April): 526-529.
- . 2013. “Lawsuits Seek ‘Personhood’ for Chimpanzees.” *Science* **342** (6 December): 1154-1155.
- . 2015a. “Dawn of the dog.” *Science* **348** (17 April): 274-279.
- . 2015b. “How the wolf became the dog.” *Science* **348** (17 April): 277.
- . 2016. “Dogs may have been domesticated more than once.” *Science* **352** (3 June): 1153-1154.
- Grimm, Nick.** 2002. “Light Slows Down.” *The World Today* 8 August Australian radio interview transcript (online text *www.abc.net.au* accessed 2/8/2013).
- Grimson, Andrew, Mansi Srivastava, Bryony Fahey, Ben J. Woodcroft, H. Rosaria Chiang, Nicole King, Bernard M. Degnan, Daniel S. Rokhsar, & David P. Bartel.** 2008. “Early origins and evolution of microRNAs and Piwi-interacting RNAs in animals.” *Nature* **455** (30 October): 1193-1197.
- Grimstead, Jay, & Calvin Beisner.** 1986. *A Manifesto for the Christian Church*. 2002 ed.

- Murphys, CA: The Coalition Revival.
- Grine, Frederick E.**, ed. 1988. *Evolutionary History of the “Robust” Australopithecines*. New York: Aldine de Gruyter.
- Grine, Frederick E., John G. Fleagle, & Richard E. Leakey**, eds. 2009. *The First Humans—Origin and Early Evolution of the Genus Homo*. New York: Springer.
- Grinsted, Aslak, John C. Moore, & Svetlana Jevrejeva**. 2012. “Homogeneous record of Atlantic hurricane surge threat since 1923.” *Proceedings of the National Academy of Sciences* **109** (27 November): 19601-19605.
- Grinsted, Lena, Trine Bilde, & James D. J. Gilbert**. 2015. “Questioning evidence of group selection in spiders.” *Nature* **524** (27 August): E1-E3.
- Grinyer, G. F., J. C. Waddington, C. E. Svensson, R. A. E. Austin, G. C. Ball, G. Hackman, J. M. O’Meara, C. Osborne, F. Sarazin, H. C. Scraggs, & H. D. H. Stöver**. 2003. “Half-life of ¹⁷⁶Lu.” *Physical Review C (nuclear physics)* **67** (January): 014302.
- Grisham, Jennifer**. 2009. “Questioning Darwin: New Poll Supports Teaching Evolution’s Strengths and Weaknesses.” *Free Market Foundation* 12 February press release (online text at www.magnetmail.net accessed 2/4/2012).
- Grishin, Nick V.** 1999. “Phosphatidylinositol Phosphate Kinase: A Link between Protein Kinase and Glutathione Synthase Folds.” *Journal of Molecular Biology* **291** (13 August): 239-247.
- Grishin, Nick V., Yuri I. Wolf, & Eugene V. Koonin**. 2000. “From Complete Genomes to Measures of Substitution Rate Variability Within and Between Proteins.” *Genome Research* **10** (July): 991-1000.
- Griswold, Charles E., Tracy Audisio, & Joel M. Ledford**. 2012. “An extraordinary new family of spiders from caves in the Pacific Northwest (Araneae, Trogloraptoridae, new family.” *ZooKeys* (online @ ncbi.nlm.nih.gov) **215** (17 August): 77-102.
- Griswold, Charles E., Jonathan A. Coddington, Norman I. Platnick, & Raymond R. Forster**. 1999. “Towards a Phylogeny of Entelegyne Spiders (Araneae, Araneomorphae, Entelegynae).” *The Journal of Arachnology* **27** (1): 53-63.
- Grizzard, Marc**. 2010. “2010 Annual Book Burning.” Amazing Grace Baptist Church (Canton, N.C.) posting (online text at amazinggracebaptistchurchkiv.com accessed 9/23/2010).
- Groat, Lee A.**, ed. 2007 *Geology of Gem Deposits*. Québec: Mineralogical Association of Canada.
- Grobstein, Paul, & Alice Lesnick**. 2011. “Education Is Life Itself: Biological Evolution as a Model for Human Learning.” *Evolution: Education & Outreach* **4** (December): 688-700.
- Gröcke, D. R., R. S. Hori, J. Trabucho-Alexandre, D. B. Kemp, & L. Schwark**. 2011. “An open ocean record of the Toarcian oceanic oxygen event.” *European Geosciences Union Solid Earth* (online @ solid-earth.net) **2** (11 November): 245-257.
- Grodzinsky, Yosef, & Israel Nelken**. 2014. “The Neural Code That Makes Us Human.” *Science* **343** (28 February): 978-979.
- Groen, Simon C., Sanjie Jiang, Alex M. Murphy, Nik J. Cunniffe, Jack H. Westwood, Matthew P. Davey, Toby J. A. Bruce, John C. Caulfield, Oliver J. Furzer, Alison Reed, Sophie I. Robinson, Elizabeth Miller, Christopher N. Davis, John A. Pickett, Heather M. Whitney, Beverley J. Glover, & John P. Carr**. 2016. “Virus Infection of Plants Alters Pollinator Preference: A Payback for Susceptible Hosts?” *PLoS Pathogens* (online @ plospathogens.org) **12** (August): e1005790.
- Groeneveld, Linn F., David W. Weisrock, Rodin M. Rasoloarison, Anne D. Yoder, & Peter M. Kappeler**. 2009. “Species delimitation in lemurs: multiple genetic loci reveal low levels of species diversity in the genus *Cheirogaleus*.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (4 February): 30.
- Gröger, Hans, Patrick Callaerts, Walter J. Gehring, & Volker Schmid**. 2000. “Characterization and expression analysis of an ancestor-type Pax gene in the hydrozoan jellyfish *Podocoryne carnea*.” *Mechanisms of Development* **94** (1 June): 157-169.
- Gromacki, Robert**. 1982. “The Virgin Birth.” *Fundamentalist Journal* **1** (December): 17-19.
- Gronau, Ilan, Melissa J. Hubisz, Brad Gulko, Charles G. Danko, & Adam Siepel**. 2011. “Bayesian inference of ancient human demography from individual genome sequences.”

- Nature Genetics* **43** (October): 1031-1034.
- Gronstad, Aaron.** 2011. "New Evidence Challenges Oldest Signs of Life." *NASA Astrobiology* 25 May posting (online text at *astrobiology.nasa.gov* accessed 11/16/2011).
- Grönvold, Karl, Niels Óskarsson, Sigfús J. Johnsen, Henrik B. Clausen, Claus U. Hammer, Gerard Bond, & Edouard Bard.** 1995. "Ash layers from Iceland in the Greenland GRIP ice core correlated with oceanic and land sediments." *Earth and Planetary Science Letters* **135** (October): 149-155.
- Groopman, Jerome.** 2009. "No, not at all," in *Templeton Foundation* (2009, 21-22).
- Groothuis, Douglas.** 2009. "Thomas Nagel from The Times Literary Supplement." *The Constructive Curmudgeon* posting 25 November (online text at *theconstructivecurmudgeon.blogspot.com* accessed 1/13/2010).
- . 2011. "Michele Bachmann and Dominionism Paranoia." *Patheos* posting 25 August (online text at *www.patheos.com* accessed 8/31/2011).
- Groover, Andrew, & Quentin Cronk.** 2013. "From Nehemiah Crew to Genomics: The emerging field of Evo-Devo research for woody plants." *International Journal of Plant Sciences* **174** (September): 959-963.
- Groppi, Teno.** 2002a. "Dr. Kent Hovind." *Teno's God and Country Center* undated posting (online text at *www.baptistlink.com/godandcountry/* accessed 5/7/2002, not available as of 1/16/2014).
- . 2002b. "E-Z Evolution Refuters." *Teno's God and Country Center* undated posting (online text at *www.baptistlink.com/godandcountry/* accessed 5/7/2002, not available as of 1/16/2014).
- . 2002c. "US Constitution Party." *Teno's God and Country Center* undated posting (online text at *www.baptistlink.com/godandcountry/* accessed 5/7/2002, not available as of 1/16/2014).
- Grosberg, Richard K., & Michael W. Hart.** 2000. "Mate Selection and the Evolution of Highly Polymorphic Self/Nonsel Self Recognition Genes." *Science* **289** (22 September): 2111-2114.
- Grosberg, Richard K., & Richard R. Strathmann.** 2007. "The Evolution of Multicellularity: A Minor Major Transition." *Annual Review of Ecology, Evolution and Systematics* **38**: 621-654.
- Grosch, Eugene G., & Nicole McLoughlin.** 2014. "Reassessing the biogenicity of Earth's oldest trace fossil with implications for biosignatures in the search for early life." *Proceedings of the National Academy of Sciences* **111** (10 June): 8380-8385.
- . 2015. "Questioning the biogenicity of titanite mineral trace fossils in Archean pillow lavas." *Proceedings of the National Academy of Sciences* **112** (16 June): E3090-E3091.
- Grosche, Antje, & Andreas Reichenbach.** 2013. "Developmental Refining of Neuroglial Signaling?" *Science* **339** (11 January): 152-153.
- Gross, B. L., & L. H. Rieseberg.** 2005. "The Ecological Genetics of Homoploid Hybrid Speciation." *Journal of Heredity* **96** (May-June): 241-252.
- Gross, Liza.** 2005. "As the Antarctic Ice Pack Recedes, a Fragile Ecosystem Hangs in the Balance." *PLoS Biology* (online @ *plosbiology.org*) **3** (April): e127.
- . 2006a. "When Less Is More: Losing Genes on the Path to Becoming Human." *PLoS Biology* (online @ *plosbiology.org*) **4** (February): e76.
- . 2006b. "Scientific Illiteracy and the Partisan Takeover of Biology." *PLoS Biology* (online @ *plosbiology.org*) **4** (April): e167.
- Gross, Michael.** 2015. "How life shaped Earth." *Current Biology* **25** (5 October): R847-R850.
- . 2016. "How life can arise from chemistry." *Current Biology* **65** (19 December): R1247-R1249.
- Gross, Michael Joseph.** 2010. "Sarah Palin: The Sound and the Fury." *Vanity Fair* (October): online text accessed 9/8/2010 (*vanityfair.com*).
- Gross, Paul R.** 2003a. "A Scientific Scandal." *Talk Reason* 13 June letter posting (online text at *talkreason.org* accessed 6/15/2003).
- . 2003b. "Intelligent Design and that Vast Right-wing Conspiracy." *National Association of Scholars Science Insights* **7** (4): 2-9.

- . 2006. “Gross not satisfied with Collins’ perspective on ID.” Templeton Foundation *Science & Theology News* 9 March posting (online text at *stnews.org* accessed 3/13/2006, not available as of 5/8/2014).
- Gross, Paul R., Norman Levitt, & Martin W. Lewis**, eds. 1996. *The Flight from Science and Reason*. New York: The New York Academy of Sciences.
- Gross, Rachel E.** 2015. “How an Evangelical Creationist Accepted Evolution.” *Slate.com* posting 30 December (online text at *www.slate.com* accessed 1/3/2016).
- Gross, William J.** 1962. *Herod the Great*. Baltimore, MD: Helicon Press.
- Grosskurth, Shaun E., Debashish Bhattacharya, Qinchuan Wang, & Jung-Ching Lin.** 2008. “Emergence of Xin Demarcates a Key Innovation in Heart Evolution.” *PLoS ONE* (online @ plosone.org) **3** (August): e2857.
- Grossman, Cathy Lynn.** 2008. “Evangelicals less worried about global climate change.” *USA Today* posting 18 September (online text at *usatoday.com* accessed 11/17/2010).
- . 2009. “Scientists visit Creation Museum: A culture clash for the ‘ages’.” *USA Today* commentary posting 1 July (online text at *content.usatoday.com/communities/religion* accessed 11/17/2010).
- . 2010. “Humanists’ ‘holiday’ ads attack God, Bible.” *USA Today* commentary posting 14 November (online text at *content.usatoday.com/communities/religion* accessed 11/17/2010).
- Grossman, Daniel.** 2001a. “One Disaster after Another.” *Scientific American* **284** (February): 30, 32.
- . 2001b. “Dissent in the Maelstrom.” *Scientific American* **285** (November): 38-39.
- Grossman, Elyahu.** 2014. “Cosmology According to Genesis Chapter 3: THE FIRMAMENT.” *Kosher Judaism* posting (online pdf at *www.kosherjudaism.com* accessed 5/25/2015).
- Grossman, Ethan L.** 2012. “Applying oxygen isotope paleothermometry in deep time.” *Paleontological Society Papers* **18**: 39-67.
- Grossman, Lisa.** 2013. “Hints of new dark force seen in galactic smash-ups.” *New Scientist* (19 January): online text accessed 7/20/2014 (*newscientist.com*).
- Grossman, Richard.** 2017. “Are human heads getting larger?” *Proceedings of the National Academy of Sciences* **114** (21 February): E1304.
- Grossman, Ron.** 2005. “Pondering the spiritual contradictions of intelligent design.” *Chicago Tribune* posting 1 July: online text accessed 7/7/2005 (*articles.chicagotribune.com*).
- Grossniklaus, Ueli, Gian A. Nogler, & Peter J. van Dijk.** 2001. “The Genetic Control of Gametophytic Apomixis.” *The Plant Cell* **13** (July): 1491-1498.
- Groth-Malonek, Milena, Ute Wahrmond, Monika Polsakiewicz, & Volker Knoop.** 2007. “Evolution of a Pseudogene: Exclusive Survival of a Functional Mitochondrial *nad7* Gene Supports *Haplomitrium* as the Earliest Liverwort Lineage and Proposes a Secondary Loss of RNA Editing in Marchantiidae.” *Molecular Biology and Evolution* **24** (April): 1068-1074.
- Grotmol, Sindre, Harald Kryvi, Roger Keynes, Christel Krossøy, Kari Nordvik, & Geir K. Totland.** 2006. “Stepwise enforcement of the notochord and its intersection with the myoseptum: an evolutionary path leading to development of the vertebra?” *Journal of Anatomy* **209** (September): 339-357.
- Grotzinger, John P.** 2014. “Habitability, Taphonomy, and the Search for Organic Carbon on Mars.” *Science* **343** (24 January): 386-387.
- Grotzinger, John P., Samuel A. Bowring, Beverly Z. Saylor, & Alan J. Kaufman.** 1995. “Biostratigraphic and Geochronologic Constraints on Early Animal Evolution.” *Science* **270** (27 October): 598-604.
- Grotzinger, John P., & Andrew H. Knoll.** 1999. “Stromatolites in Precambrian carbonates: Evolutionary mileposts or environmental dipsticks?” *Annual Review of Earth and Planetary Sciences* **27**: 313-358.
- Grotzinger, John P., & Daniel H. Rothman.** 1996. “An abiotic model for stromatolite morphogenesis.” *Nature* **383** (3 October): 423-425.
- Grotzinger, J. P., D. Y. Sumner, L. C. Kah, K. Stack, S. Gupta, L. Edgar, D. Rubin, K. Lewis, J. Scheiber, M. Mangold, R. Milliken, P. G. Conrad, D. DesMaris, J. Farmer,**

- K. Siebach, F. Calef III, J. Hurowitz, S. M. McLennan, D. Ming, D. Vaniman, J. Crisp, A. Vasavada, K. S. Edgett, M. Malin, D. Blake, R. Gellert, P. Mahaffy, R. C. Wiens, S. Maurice, J. A. Grant, S. Wilson, R. C. Anderson, L. Beegle, R. Arvidson, B. Hallet, R. S. Sletten, M. Rice, J. Bell III, J. Griffes, B. Ehlmann, R. B. Anderson, T. F. Bristow, W. E. Dietrich, G. Dromart, J. Eigenbrode, A. Fraeman, C. Hardgrove, K. Herkenhoff, L. Jandura, G. Kocurek, S. Lee, L. A. Leshin, R. Leveille, D. Limonadi, J. Maki, S. McClosky, M. Meyer, M. Minitti, H. Newsom, D. Oehler, A. Okon, M. Palucis, T. Parker, S. Rowland, M. Schmidt, S. Squyres, A. Steele, E. Stolper, R. Summons, A. Treiman, R. Williams, A. Yingst, & MSL Science Team.** 2014. “A Habitable Fluvio-Lacustrine Environment at Yellowknife Bay, Gate Crater, Mars.” *Science* **343** (24 January): 1242777 (online at sciencemag.org).
- Grotzinger, John P., Wesley A. Watters, & Andrew H. Knoll.** 2000. “Calcified metazoans in thrombolite-stromatolite reefs of the terminal Proterozoic Nama Group, Namibia.” *Paleobiology* **26** (Summer): 334-359.
- Groupthink.** 2013. “UPDATE: James Randi, D. J. Grothe Named In Atheist Sexism Scandal.” *GROUPTHINK 7* August posting (online text at groupthink.jezebel.com accessed 8/21/2013).
- Grout, James.** 2014a. “The Great Library of Alexandria.” University of Chicago Press updated academic posting (online text at penelope.uchicago.edu/ accessed 6/12/2014)
- . 2014b. “HypatiaThe Great Library of Alexandria.” University of Chicago Press updated academic posting (online text at penelope.uchicago.edu/ accessed 6/12/2014)
- Grove, Tyler L., Jack S. Benner, Matthew I. Radle, Jessica H. Ahlum, Bradley J. Landgraf, Carsten Krebs, & Squire J. Booker.** 2011. “A Radically Different Mechanism for S-Adenosylmethionine-Dependent Methyltransferases.” *Science* **332** (29 April): 604-607.
- Groves, Colin.** 1999. “Australopithecus garhi: A New-Found Link?” *Reports of the National Center for Science Education* **19** (May-June): 10-13.
- . 2000. “Review: Science of Today and the Problems of Genesis.” *Reports of the National Center for Science Education* **20** (November-December): 17-18, 23, 24.
- Growing Up With Science.* 2006. Singapore: Marshall Cavendish.
- Gruber, Howard E., with Paul H. Barrett.** 1974. *Darwin on Man: A Psychological Study of Scientific Creativity Together With Darwin's Early and Unpublished Notebooks.* New York: E. P. Dutton & Co.
- Gruber, L. Franklin.** 1930. “Is There a Conflict Between Science and Religion?” *The Evangelical Student* **V** (April): 16-21.
- Gruber, Nicolas, Claudine Hauri, Zouhair Lachkar, Damian Loher, Thomas C. Frölicher, & Gian-Kasper Plattner.** 2012. “Rapid Progression of Ocean Acidification in the California Current System.” *Science* **337** (13 July): 220-223.
- Gruber-Vodicka, Harald Ronald, Ulrich Dirks, Nikolaus Leisch, Christian Baranyi, Kilian Stoecker, Silvia Bulgheresi, Niels Robert Heindl, Matthias Horn, Christian Lott, Alexander Loy, Michael Wagner, & Jörg Ott.** 2011. “Paracatenula, an ancient symbiosis between thiotrophic *Alphaproteobacteria* and catenulid flatworms.” *Proceedings of the National Academy of Sciences* **108** (19 July): 12078-12083.
- Grueter, Catherine E., Emma Peel, Rebecca Gooley, & Katherine Belov.** 2015. “Genomic insights into a contagious cancer in Tasmanian devils.” *Trends in Genetics* **31** (September): 528-535.
- Gruenberg, Benjamin C.** 1919. *Elementary Biology: An Introduction to the Science of Life.* Boston: Ginn and Company.
- . 1925. *Biology and Human Life.* Boston: Ginn and Company.
- Gruenheid, Samantha, with B. Brett Finlay.** 2003. “Microbial pathogenesis and cytoskeletal function.” *Nature* **422** (17 April): 775-781.
- Grum, Darren E.** 2016. *The Blessings of Business: How Corporations Shaped Conservative Christianity.* New York: Oxford University Press.
- Grün, Eberhard, Bo. Å. S. Gustafson, Stan F. Dermott, & Hugo Fechtig,** eds. 2001. *Interplanetary Dust.* Berlin: Springer.

- Grün, Rainer, & Alan Thorne.** 1997. “Dating the Ngandong Humans,” with Response by **Carl C. Swisher III, W. Jack Rink, Henry P. Schwarcz, & Susan C. Antón.** *Science* **276** (6 June): 1575-1576.
- Grund, Brigid S., Todd A. Surovell, & S. Kathleen Lyons.** 2012. “Range sizes and shifts of North American Pleistocene mammals are not consistent with a climatic explanation.” *World Archaeology* **44** (1): 43-55.
- Grundy, Frank J., Wade C. Winkler, & Tina M. Henkin.** 2002. “tRNA-mediated transcription antitermination *in vitro*: Codon-anticodon pairing independent of the ribosome.” *Proceedings of the National Academy of Sciences* **99** (20 August): 11121-11126.
- Grunewald, Matt.** 1998. “Creation and Science.” *Wisconsin Lutheran Seminary* 24 April article posting (online pdf at www.wlaessays.net accessed 5/12/2014).
- Grunt, Tatjana A., & Grzegorz Racki.** 1998. “Late Frasnian Athyridida (Brachiopoda) from Poland and the Late Devonian biotic turnover.” *Acta Palaeontologica Polonica* **43** (2): 361-378.
- Grus, Wendy E., & Jianzhi Zhang.** 2009. “Origin of the Genetic Components of the Vomeronasal System in the Common Ancestor of all Extant Vertebrates.” *Molecular Biology and Evolution* **26** (February): 407-419.
- Grützner, Frank, Willem Rens, Enkhjargal Tsend-Ayush, Nisrine El-Mogharbel, Patricia C. M. O’Brien, Russell C. Jones, Malcolm A. Ferguson-Smith, & Jennifer A. Marshall Graves.** 2004. “In the platypus a meiotic chain of ten sex chromosomes shares genes with the bird Z and mammal X chromosomes.” *Nature* **432** (16 December): 913-917.
- Gruver, Mead.** 2009. “Far-flung dinosaur? Similar tracks cue study.” *MSNBC* posting 1 June (online text at www.msnbc.msn.com accessed 7/29/2012).
- Gryaznov, Sergei M., David H. Lloyd, Jer-Kang Chen, Ronald G. Schultz, Lawrence A. DeDionisio, Lynda Ratmeyer, & W. David Wilson.** 1995. “Oligonucleotide N3’ → P5’ phosphoramidates.” *Proceedings of the National Academy of Sciences* **92** (20 June): 5798-5802.
- Gryboski, Michael.** 2012. “Indiana Considering Bill to Allow Creationism in Public Schools.” *The Christian Post* (31 January): online text accessed 2/3/2012 (christianpost.com).
- . 2013a. “Richard Dawkins Defends ‘Islamic Barbarians’ Twitter Comment.” *The Christian Post* (1 February): online text accessed 3/16/2013 (christianpost.com).
- . 2013b. “Was the Historical Samson Black?” *The Christian Post* (11 March): online text accessed 3/14/2013 (christianpost.com).
- . 2013c. “An atheist organization has unveiled the first-in-the-nation monument bench at a Florida courthouse, with the added promise of eventually placing other monuments elsewhere in the country.” *The Christian Post* (1 July): online text accessed 7/23/2013 (christianpost.com).
- . 2013d. “An atheist professor will soon be releasing the hardback version of a book chronicling his experiences attending creation science conferences and sites.” *The Christian Post* (27 March): online text accessed 8/11/2013 (christianpost.com).
- Grzebyk, Daniel, Miriam E. Katz, Andrew H. Knoll, Antonietta Quigg, John A. Raven, Oscar Schofield, F. J. R. Taylor, & Paul G. Falkowski.** 2004. “Response to Comment on ‘The Evolution of Modern Eukaryotic Phytoplankton.’” *Science* **306** (24 December): 2191.
- Gschwend, Andrea R., Qingyi Yu, Eric J. Tong, Fanchang Zeng, Jennifer Han, Robert VanBuren, Rishi Aryal, Deborah Charlesworth, Paul H. Moore, Andrew H. Paterson, & Ray Ming.** 2012. “Rapid divergence and expansion of the X chromosome in papaya.” *Proceedings of the National Academy of Sciences* **109** (21 August): 13716-13721.
- Gu, Jianying, & Xun Gu.** 2003. “Induced gene expression in human brain after the split from chimpanzee.” *Trends in Genetics* **19** (February): 63-65.
- Gu, Jun-Jie, Fernando Montealegre-Z, Daniel Robert, Michael S. Engel, Ge-Xia Qiao, & Dong Ren.** 2012. “Wing stridulation in a Jurassic katydid (Insecta, Orthoptera) produced low-pitched musical calls to attract females.” *Proceedings of the National Academy of Sciences* **109** (6 March): 3868-3873.

- Gu, Xiaosi, Terry Lohrenz, Ramiro Salas, Philip R. Baldwin, Alireza Soltani, Ulrich Kirk, Paul M. Cinciripini, & P. Read Montague.** 2015. “Belief about nicotine selectively modulates value and reward prediction error signals in smokers.” *Proceedings of the National Academy of Sciences* **112** (24 February): 2539-2544.
- Gu, Xun.** 2003. “Evolution of duplicate genes versus genetic robustness against null mutations.” *Trends in Genetics* **19** (July): 354-356.
- Gu, Xun, & Wei Huang.** 2002. “Testing the Parsimony Test of Genome Duplications: A Counterexample.” *Genome Research* **12** (January): 1-12.
- Gu, Yi-feng, Yu Fang, Yang Jin, Wei-ren Dong, Li-xin Xiang, & Jian-zhong Shao.** 2011. “Discovery of the DIGIRR Gene from Teleost Fish: A Novel Toll-IL-1 Receptor Family Member Serving as a Negative Regulator of Il-1 Signaling.” *The Journal of Immunology* **187** (1 September): 2514-2530.
- Gu, Zhenglong, Lars M. Steinmetz, Xun Gu, Curt Scharfe, Ronald W. Davis, & Wen-Hsiung Li.** 2003. “Role of duplicate genes in genetic robustness against null mutations.” *Nature* **421** (2 January): 63-66.
- Guardian.* 2009. “God or Darwin? The world in evolution beliefs.” The *Guardian Data Blog* posting 1 July (online text at *theguardian.com* accessed 7/1/2009).
- . 2015a. “American atheist blogger hacked to death in Bangladesh.” *The Guardian* posting 26 February of *Agence France-Presse* article (online text at *theguardian.com* accessed 2/26/2015).
- . 2015b. “‘Bizarre’ Jurassic dinosaur discovered in remarkable new find.” *The Guardian* posting modified 28 April (online text at *theguardian.com* accessed 7/22/2015).
- . 2015c. “Details emerge about Oregon killer—a self-described conservative who loved guns and conspiracy theories.” *The Raw Story* 2 October reposting of *The Guardian* article (online text at *www.rawstory.com* accessed 10/5/2015).
- . 2016. “Russian atheist faces year in jail for denying existence of God during webchat.” *The Guardian* posting 2 March of *Agence France-Presse* article (online text at *theguardian.com* accessed 3/3/2016).
- Guarino, Ben.** 2017. “DNA from ancient Egyptian mummies reveal their ancestry.” *The Washington Post* posting 30 May: online text accessed 6/30/2017 (*www.washingtonpost.com*).
- Gubanov, Alexander P., & John S. Peel.** 2000. “Cambrian monoplacophoran molluscs (Class Helcionelloida).” *American Malacological Bulletin* **15** (2): 139-145.
- Gubbins, David.** 2008. “Why does the compass point north?” in Benton (2008a, 57-60).
- Gubin, Y. M.** 1997. “Skull morphology of *Archegosaurus decheni* Goldfuss (Amphibia, Temnospondyli) from the Early Permian of Germany.” *Alcheringa: An Australasian Journal of Palaeontology* **21** (2): 103-121.
- Gubry-Rangin, Cécile, Christina Kratsch, Tom A. Williams, Alice C. McHardy, T. Martin Embley, James I. Prosser, & Daniel J. Macqueen.** 2015. “Coupling of diversification and pH adaptation during the evolution of terrestrial Thaumarchaeota.” *Proceedings of the National Academy of Sciences* **112** (28 July): 9370-9375.
- Guder, C., I. Philipp, T. Lengfeld, H. Watanabe, B. Hobmayer, & T. W. Holstein.** 2006. “The Wnt code: cnidarians signal the way.” *Oncogene* **25** (4 December): 7450-7460.
- Guderian, Sebastian, Danielle Bringham, & Mortimer Mishkin.** 2011. “Two processes support visual recognition memory in rhesus monkeys.” *Proceedings of the National Academy of Sciences* **108** (29 November): 19425-19430.
- Guderian, Sebastian, Björn H. Schott, Alan Richardson-Klavehn, & Emrah Düzel.** 2009. “Medial temporal theta state before an event predicts episodic encoding success in humans.” *Proceedings of the National Academy of Sciences* **106** (31 March): 5365-5370.
- Gueiros-Filho, Frederico, & Richard Losick.** 2002. “A widely conserved bacterial cell division protein that promotes assembly of the tubulin-like protein FtsZ.” *Genes & Development* **16** (1 October): 2544-2556.
- Güell, Marc, Vera van Noort, Eva Yus, Wei-Hua Chen, Justine Leigh-Bell, Konstantinos Michalodimitrakis, Takuji Yamada, Manimozhiyan Arumugam, Tobias Doerks,**

- Sebastian Kühner, Michaela Rode, Mikita Suyama, Sabine Schmidt, Anne-Claude Gavin, Peer Bork, & Luis Serrano.** 2009. “Transcriptome Complexity in a Genome-Reduced Bacterium.” *Science* **326** (27 November): 1268-1271.
- Guengerich, Anna.** 2014. “The architect’s signature: the social production of a residential landscape at Monte Viudo, Chachapoyas, Peru.” *Journal of Anthropological Archaeology* **34** (June): 1-16.
- Guensburg, Thomas E., & James Sprinkle.** 2001. “Earliest crinoids: New evidence for the origin of the dominant Paleozoic echinoderms.” *Geology* **29** (February): 131-134.
- Guenther, Merrilee F.** 2009. “Influence of Sequence Heterochrony on Hadrosaurid Dinosaur Postcranial Development.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1427-1441.
- Guenther, Ulf-Peter, Lindsay E. Yandek, Courtney N. Niland, Frank E. Campbell, David Anderson, Vernon E. Anderson, Michael E. Harris, & Eckhard Jankowsky.** 2013. “Hidden specificity in an apparently nonspecific RNA-binding protein.” *Nature* **502** (17 October): 385-388.
- Guenther, William R., Peter W. Reiners, Richard A. Ketcham, Lutz Nasdala, & Gerald Gierster.** 2013. “Helium diffusion in natural zircon: Radiation damage, anisotropy, and the interpretation of zircon (U-Th)/He thermochronology.” *American Journal of Science* **313** (March): 145-198.
- Guerrero, Andrew.** 2011a. “Creation Museum IN MAINE!!!!.” *Portland creationism* undated posting (online text at www.examiner.com accessed 5/30/2011).
- . 2011b. “Evolutionary beliefs.” *Portland creationism* undated posting (online text at www.examiner.com accessed 5/30/2011).
- . 2011c. *God’s Creation Guide Service* home page (online text at www.godscreationguideservice.com accessed 5/30/2011).
- Guérillot, Romain, Violette Da Cunha, Elisabeth Sauvage, Christiane Bouchier, & Philippe Glaser.** 2013. “Modular Evolution of TnGBSs, a New Family of Integrative and Conjugative Elements Association Insertion Sequence Transposition, Plasmid Replication, and Conjugation for Their Spreading.” *Journal of Bacteriology* **195** (May, No. 9): 1979-1990.
- Guerois, Raphael, Jens Erik Nielsen, & Luis Serrano.** 2002. “Predicting Changes in the Stability of Proteins and Protein Complexes: A Study of More Than 1000 Mutations.” *Journal of Molecular Biology* **320** (5 July): 369-387.
- Guerossov, Serge, Thomas Gonatopoulos-Pournatzis, Manuel Irimia, Bushra Raj, Zhen-Yuan Lin, Anne-Claude Gingras, & Benjamin J. Blencowe.** 2015. “An alternative splicing event amplifies evolutionary differences between vertebrates.” *Science* **349** (21 August): 868-873.
- Guerreiro, Isabel, Andreia Nunes, Joost M. Woltering, Ana Casaca, Ana Nóvoa, Tânia Vinagre, Margaret E. Hunter, Denis Duboule, & Moisés Mallo.** 2013. “Role of a polymorphism in a Hox/Pax-responsive enhancer in the role of the vertebrate spine.” *Proceedings of the National Academy of Sciences* **110** (25 June): 10682-10686.
- Guerrero, Pablo C., Marcelo Rosas, Mary T. K. Arroyo, & John J. Wiens.** 2013. “Evolutionary lag times and recent origin of the biota of an ancient desert (Atacama-Sechura).” *Proceedings of the National Academy of Sciences* **110** (9 July): 11469-11474.
- Guerrero-Bosagna, Carlos, Shelby Weeks, & Michael K. Skinner.** 2014. “Identification of Genomic Features in Environmentally Induced Epigenetic Transgenerational Inherited Sperm Epimutations.” *PLoS ONE* (online @ plosone.org) **9** (June): e100194.
- Guerrero, Giulia.** 2009. “Vertebrate Sex Steroid Receptors: Evolution, Ligands, and Neurodistribution.” *Annals of the New York Academy of Sciences* **1163** (May): 154-168.
- Guertin, David A., Susanne Trautmann, & Dannel McCollum.** 2002. “Cytokinesis in Eukaryotes.” *Microbiology and Molecular Biology Reviews* **66** (June): 155-178.
- Guertzoni, Daniele, & Aoife McLysaght.** 2011. “De Novo Origins of Human Genes.” *PLoS Genetics* (online @ plosgenetics.org) **7** (November): e1002381.
- Guet, Calin, Michael B. Elowitz, Weihong Hsing, & Stanislas Leibler.** 2002. “Combinatorial

- Synthesis of Genetic Networks.” *Science* **296** (24 May): 1466-1470.
- Guex, Jean.** 2003. “A generalization of Cope’s rule.” *Bulletin de la Société Géologique de France* **174** (September): 449-452.
- Guglielmini, Julien, Fernando de la Cruz, & Eduardo P. C. Rocha.** 2013. “Evolution of Conjugation and Type IV Secretion Systems.” *Molecular Biology and Evolution* **30** (February): 315-331.
- Guhin, Jeffrey.** 2016. “Why Worry about Evolution? Boundaries, Practices, and Moral Salience in Sunni and Evangelical High Schools.” *Sociological Theory* **34** (2): 151-174.
- Guhname, Ron.** 2008. “Do atheists use and abuse drugs more than believers?” *Inductivist* 21 July posting (online text at *inductivist.blogspot.com* accessed 11/27/2012).
- Guichard, Paul, Ambroise Desfosses, Aditi Maheshwari, Virginie Hachet, Carsten Dietrich, Andreas Brune, Takashi Ishikawa, Carsten Sachse, & Pierre Gönczy.** 2012. “Cartwheel Architecture of *Trichonympha* Basal Body.” *Science* **337** (3 August): 553.
- Guidetti, Roberto, Roberto Bertolani, & Lorena Rebecchi.** 2013. “Comparative analysis of the tardigrade feeding apparatus: adaptive convergence and evolutionary pattern of the piercing stylet system.” *Journal of Limnology* **72** (Supplement 1): 24-35.
- Guidi, Lionel, Samuel Chaffron, Lucie Bittner, Damien Eveillard, Abdelhallim Larhlimi, Simon Roux, Youssef Darzi, Stephane Audic, Léo Berline, Jennifer R. Brum, Luis Pedro Coelho, Julio Cesar Ignacio Espinoza, Shruti Malviya, Shinichi Sunagawa, Céline Dimier, Stefanie Kandels-Lewis, Marc Picheral, Julie Poulain, Sarah Searson, Tara Oceans Consortium Coordinators, Lars Stemmann, Fabrice Not, Pascal Hingamp, Sabrina Speich, Mick Follows, Lee Karp-Boss, Emmanuel Bosa, Hiroyuki Ogata, Stephane Pesant, Jean Weissenbach, Patrick Wincker, Silvia G. Acinas, Peer Bork, Colomban de Vargas, Daniele Ludicone, Matthew B. Sullivan, Jeroen Raes, Chris Bowler, & Gabriel Gorsky.** 2016. “Plankton networks driving carbon export in the oligotrophic ocean.” *Nature* **532** (28 April): 465-470.
- Guigó, Roderic, & Juan Valcárcel.** 2015. “Prescribing splicing.” *Science* **347** (9 January): 124-125.
- Guillaume, Frédéric, & Jacques Rougemont.** 2006. “Nemo: an evolutionary and population genetics programming framework.” *Bioinformatics* **22** (15 October): 2556-2557.
- Guillem, Karine, Bernard Bloem, Rogier B. Poorthuis, Maarten Loos, August B. Smit, Uwe Maskos, Sabine Spijker, & Huibert D. Mansvelder.** 2011. “Nicotinic Acetylcholine Receptor β 2 Subunits in the Medial Prefrontal Cortex Control Attention.” *Science* **333** (12 August): 888-891.
- Guillen, Michael.** 2004. *Can A Smart Person Believe in God?* Nashville, TN: Nelson Books.
- Guillermin, A. Pierre.** 1984. “Creationism and Biology at LBC.” *Fundamentalist Journal* **3** (October): 12.
- Guimaraes, Paulo R. Jr., Mauro Galetti, & Pedro Jordano.** 2008. “Seed Dispersal Anachronisms: Rethinking the Fruits Extinct Megafauna Ate.” *PLoS ONE* (online @ plosone.org) **3** (March): e1745.
- Guinote, Ana, Ioanna Cotzia, Sanpreet Sandhu, & Pramila Siwa.** 2015. “Social status modulates prosocial behavior and egalitarianism in preschool children and adults.” *Proceedings of the National Academy of Sciences* **112** (20 January): 731-736.
- Guitart, Tanit, Teresa Leon Barnardo, Jessica Sagalés, Thomas Stratmann, Jordi Bernués, & Lluís Ribas de Pouplana.** 2010. “New Aminoacyl-tRNA Synthetase-like Protein in Insecta with an Essential Mitochondrial Function.” *The Journal of Biological Chemistry* **285** (3 December): 38157-38166.
- Guiterman, Christopher H., Thomas W. Swetnam, & Jeffrey S. Dean.** 2016. “Eleventh-century shift in timber procurement areas for the great houses of Chaco Canyon.” *Proceedings of the National Academy of Sciences* **113** (2 February): 1186-1190.
- Guinta, Peter.** 2012. “House District 17 candidates present agendas.” *The St. Augustine Record* (12 July): online text accessed 4/5/2014 (*staugustine.com*).
- Guizot.** 2014. “Guizot & religion.” *François Guizot* undated family history website posting (online text at *www.guizot.com* accessed 7/10/2014).

- Guler, Jennifer L., John White III, Margaret A. Phillips, & Pradipsinh K. Rathod.** 2015. "Atovaquone Tolerance in *Plasmodium falciparum* Parasites Selected for High-Level Resistance to a Dihydroorotate Dehydrogenase Inhibitor." *Antimicrobial Agents and Chemotherapy* **59** (January): 686-689.
- Gulizza, Randy J.** 2010a. "Fit & Function: Design in Nature." Institute for Creation Research *Acts & Facts* (February): 10-11.
- . 2010b. "Natural Selection Is Not 'Nature's Intelligence'." Institute for Creation Research *Acts & Facts* (May): 10-11.
- . 2010c. "The Folly of Design without Purpose." Institute for Creation Research *Acts & Facts* (December): 10-11.
- . 2011a. "Evaluating Real vs. Apparent Design." Institute for Creation Research *Acts & Facts* (January): 10-11.
- . 2011b. "Darwin's Sacred Imposter: Recognizing Missed Warning Signs." Institute for Creation Research *Acts & Facts* (May): 12-15.
- . 2015a. "Made in His Image: Designed Control Systems." Institute for Creation Research *Acts & Facts* (August): 16-17.
- . 2015b. "The Eugenics Disaster." Institute for Creation Research *Acts & Facts* (November): 10-12.
- . 2016a. "Survival of the Fittest, Eugenics, and Abortion." Institute for Creation Research *Acts & Facts* (January): 12-14.
- . 2016b. "Our Useful Appendix—Evidence of Design, Not Evolution." Institute for Creation Research *Acts & Facts* (February): 12-14.
- Gull, Maheen.** 2014. "Prebiotic Phosphorylation Reactions on the Early Earth." *Challenges* (online @ www.mdpi.com) **5** (18 July): 193-212.
- Gulliford, Andrew.** 2000. *Sacred Objects and Sacred Places: Preserving Tribal Traditions*. Boulder, CO: University Press of Colorado.
- Gumsley, Ashley P., Kevin R. Chamberlain, Wouter Bleeker, Ulf Söderlund, Michiel O. de Kock, Emilie R. Larsson, & Andrey Bekker.** 2017. "Timing and tempo of the Great Oxidation Event." *Proceedings of the National Academy of Sciences* **114** (21 February): 1811-1816.
- Gunaratne, Preethi H., Ya-Chi Lin, Ashley L. Benham, Jenny Drnevich, Cristian Coarfa, Jayantha B. Tennakoon, Chad J. Creighton, Jong H. Kim, Aleksandar Milosavijevic, Michael Watson, Sam Griffiths-Jones, & David F. Clayton.** 2011. "Song exposure regulates known and novel microRNAs in the zebra finch auditory forebrain." *BMC Genomics* (online @ biomedcentral.com) **12** (31 May): 277.
- Gunasekara, Victor A.** 2011. "The Core Principles of Secular Humanism: Twelve Fundamental Principles Stated and Examined." *Manussa Tracts on Humanism No. 1* undated posting (online text at www.uq.net.au/slsoc/manussa/coreprin.htm accessed 8/18/2011).
- Gunder, Joshua.** 2012. "Are these atheists and agnostics really covert creationists?" *Uncommon Descent* posting 27 August (online text at www.uncommondescent.com accessed 12/16/2012).
- Gunderson, Linda.** 1999. "Noah's Ark, the Ark of the Covenant, and Ron Wyatt." *Southern Minnesota Association for Creation* posting (online text at www.tccsa.tc accessed 8/23/2013).
- . 2010. "Joe Taylor's FOSSIL FACTS & FANTASIES." *Southern Minnesota Association for Creation* posting updated 6 March (online text at www.tccsa.tc accessed 5/30/2011).
- Gundling, Tom.** 2010. "Human Origins Studies: A Historical Perspective." *Evolution: Education & Outreach* **3** (September): 314-321.
- Gündoğar, Duru, & Serpil Demirci.** 2007. "Confabulation: A Symptom Which is Intriguing But not Adequately Known." *Turkish Journal of Psychiatry (Türk Psikiyatri Dergisi)* **18** (2): 1839-1849.
- Gunhold, Tina, Andrew Whiten, & Thomas Bugnyar.** 2014. "Video demonstrations seed alternative problem-solving techniques in wild common marmosets." *Royal Society Biology Letters* **10** (September): 20140439.

- Gunji, Megu, & Hideki Endo.** 2016. “Functional cervicothoracic boundary modified by anatomical shifts in the neck of giraffes.” *Royal Society Open Science* **3** (February): 150604.
- Gunkel, Herrmann,** trans. Charles A. Muenchow. 1895. “The influence of Babylonian mythology upon the Biblical creation story,” in Anderson (1984, 25-52).
- Gunn, T. Jeremy.** 2006. “But This is *Our* Country: Religion, Identity, and the Culture Wars.” *University of Maryland Law Journal of Race, Religion, Gender and Class* **6** (1): 1-6.
- Gunnell, Gregg F., & Nancy B. Simmons,** eds. 2012. *Evolutionary History of Bats: Molecules and Morphology*. Cambridge: Cambridge University Press.
- Gunson, Phil.** 2009. “Dismissal of Senior Scientist for ‘Nonattendance’ Shakes Community.” *Science* **325** (4 September): 1190-1191.
- Gunter, Helen, & Axel Meyer.** 2013. “Trade-offs in cavefish sensory capacity.” *BMC Biology* (online @ biomedcentral.com) **11** (24 January): 5.
- Gunter, Lorne.** 2008. “Perhaps the Climate Change Models Are Wrong.” *Origins* posting of www.nationalpost.com 24 March article (online pdf at www.alcazar.net accessed 6/15/2011).
- Günther, Markus.** 2006. “Did Humans Descend from Monkeys?” *Mannheimer Morgen* (10 May) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 4/4/2012).
- Gunther, Richard.** 2013. “Origin of Life.” *Gunther: Honouring Jesus Christ* December posting (online text at www.gunther.net.nz/ accessed 1/20/2015).
- . 2015. “7 Ways Darwin Was Wrong.” *Gunther: Honouring Jesus Christ* January posting (online text at www.gunther.net.nz/ accessed 1/20/2015).
- Günther, Torsten, Cristina Valdiosera, Helena Malmström, Irene Ureña, Ricardo Rodriguez-Varela, Óddny Osk Sverrisdóttir, Evangelia A. Daskalaki, Pontus Skoglund, Thijsen Naidoo, Emma M. Svensson, José María Bermúdez de Castro, Eudald Carbonell, Michael Dunn, Jan Storå, Eneko Iriarte, Juan Luis Arsuaga, José-Miguel Carretero, Anders Götherström, & Mattias Jakobsson.** 2015. “Ancient genomes link early farmers from Atapuerca in Spain to modern-day Basques.” *Proceedings of the National Academy of Sciences* **112** (22 September): 11917-11922.
- Gunz, Philipp, Fred L. Bookstein, Philipp Mitteroecker, Andrea Stadlmayr, Horst Seidler, & Gerhard W. Weber.** 2009. “Early modern human diversity suggests subdivided population structure and a complex out-of-Africa scenario.” *Proceedings of the National Academy of Sciences* **106** (14 April): 6094-6098.
- Gunz, Philipp, Simon Neubauer, Bruno Maureille, & Jean-Jacques Hublin.** 2010. “Brain development after birth differs between Neanderthals and modern humans.” *Current Biology* **20** (9 November): R921-R922.
- Guo, Baocheng, Ming Zou, & Andreas Wagner.** 2012. “Pervasive Indels and Their Evolutionary Dynamics after the Fish-Specific Genome Duplication.” *Molecular Biology and Evolution* **29** (October): 3005-3022.
- Guo, Haiwei H., Juno Choe, & Lawrence A. Loeb.** 2004. “Protein tolerance to random amino acid change.” *Proceedings of the National Academy of Sciences* **101** (22 June): 9205-9210.
- Guo, Hongshan, Ping Zhu, Liying Yan, Rong Li, Boqiang Hu, Ying Lian, Jie Yan, Xiulian Ren, Shengli Lin, Junsheng Li, Xiaohu Jin, Xiaodan Shi, Ping Liu, Xiaoye Wang, Wei Wang, Yuan Wei, Xianiong Li, Fan Guo, Xinglong Wu, Xiaoying Fan, Jun Yong, Lu Wen, Sunney X. Xie, Fuchou Tang, & Jie Qiao.** 2014. “The DNA methylation landscape of human early embryos.” *Nature* **511** (31 July): 606-610.
- Guo, Huili, Nicholas T. Ingolia, Jonathan S. Weissman, & David P. Bartel.** 2010. “Mammalian microRNAs predominantly act to decrease target mRNA levels.” *Nature* **466** (12 August): 835-840.
- Guo, Jiangtao, Weizhong Zeng, & Youxing Jiang.** 2017. “Tuning the ion selectivity of two-pore channels.” *Proceedings of the National Academy of Sciences* **114** (31 January): 1009-1014.
- Guo, Li, & Zuhong Lu.** 2010. “The Fate of miRNA* Strand through Evolutionary Analysis:

- Implication for Degradation As Merely Carrier Strand or Potential Regulatory Molecule?" *PLoS ONE* (online @ plosone.org) **5** (June): e11387.
- Guo, Li-Tao, Xiang-Long Chen, Bo-Tao Zhao, Yi Shi, Wei Li, Hong Xue, & You-Xin Jin.** 2007. "Human tryptophanyl-tRNA synthetase is switched to a tRNA-dependent mode for tryptophan activation by mutations at V85 and I311." *Nucleic Acids Research* **35** (September #17): 5934-5943.
- Guo, Li-Tao, Yane-Shih Wang, Akiyoshi Nakamura, Daniel Eiler, Jennifer M. Kavran, Margaret Wong, Laura L. Kiessling, Thomas A. Steitz, Patrick O'Donoghue, & Dieter Söll.** 2014. "Polyspecific pyrrolysyl-tRNA synthetases from directed evolution." *Proceedings of the National Academy of Sciences* **111** (25 November): 16724-16729.
- Guo, Peng, Masayuki Hirano, Brantley R. Herrin, Jianxu Li, Culing Yu, Andrea Sadlonova, & Max D. Cooper.** 2009. "Dual nature of the adaptive immune system in lampreys." *Nature* **459** (11 June): 796-801.
- Guo, Ting, Kenji Mandai, Brian G. Condie, S. Rasika Wickramasinghe, Mario R. Capecchi, & David D. Ginty.** 2011. "An evolving NGF-Hoxd1 signaling pathway mediates development of divergent neural circuits in vertebrates." *Nature Neuroscience* **14** (January): 31-36.
- Guo, Ya-Long, Jesper S. Bechsgaard, Tanja Slotte, Barbara Beuffer, Martin Lascoux, Detlef Weigel, & Mikkel H. Schierup.** 2009. "Recent speciation of *Capsella rubella* from *Capsella grandiflora*, associated with loss of self-incompatibility and an extreme bottleneck." *Proceedings of the National Academy of Sciences* **106** (31 March): 5246-5251.
- Guo, Ying, Sivakumar Sekharan, Jian Liu, Victor S. Batista, John C. Tully, & Elsa C. Y. Yan.** 2014. "Unusual kinetics of thermal decay of dim-light photoreceptors in vertebrate vision." *Proceedings of the National Academy of Sciences* **111** (22 July): 10438-10443.
- Guo, Zengcai V., Hidehiko K. Inagaki, Kayvon Daie, Shaul Druckmann, Charles R. Gerfen, & Karel Svoboda.** 2017. "Maintenance of persistent activity in a frontal thalamocortical loop." *Nature* **545** (11 May): 181-186.
- Guoy, Manolo, & Marc Chaussidon.** 2008. "Ancient bacteria liked it hot." *Nature* **451** (7 February): 635-636.
- Gup, Ted.** 2015. "You Have Your History, I Have Mine." *The Chronicle of Higher Education* posting 8 June: online text accessed 7/6/2015 (*chronicle.com*).
- Gupta, Anil K., Raj K. Singh, Sudheer Joseph, & Ellen Thomas.** 2004. "Indian Ocean high-productivity event (10-8 Ma): Linked to global cooling or to the initiation of the Indian monsoons?" *Geology* **32** (September): 753-756.
- Gupta, Anil K., & Ellen Thomas.** 2003. "Initiation of Northern Hemisphere glaciation and strengthening of the northeast Indian monsoon: Ocean Drilling Program Site 758, eastern equatorial Indian Ocean." *Geology* **31** (January): 47-50.
- Gupta, Arun.** 2016. "Meet the shock troops of Trump's America." *The Raw Story* 17 June posting (online text at *www.rawstory.com* accessed 6/17/2016).
- Gupta, Ashok K., Sudesh Kumar, & Ajay Jain.** 2008. "Bilateral first and second branchial cleft fistulas: a case report." *Ear, Nose & Throat* **87** (May): 291-293.
- Gupta, Neal S., Margaret E. Collinson, Derek E. G. Briggs, Richard P. Evershed, & Richard D. Pancost.** 2006. "Reinvestigation of the occurrence of cutan in plants: implications for the leaf fossil record." *Paleobiology* **32** (September): 432-449.
- Gupta, Neal S., & Richard D. Pancost.** 2004. "Biomolecular and Physical Taphonomy of Angiosperm Leaf During Early Decay: Implications for Fossilization." *Palaios* **19** (October): 428-440.
- Gupta, Neal S., Honh Yang, Qin Leng, Derek E. G. Briggs, George D. Cody, & Roger E. Summons.** 2009. "Diagenesis of plant biopolymers: Decay and macromolecular preservation of *Metasequoia*." *Organic Geochemistry* **40** (July): 802-809.
- Gupta, Radhey S.** 1998. "Protein Phylogenies and Signature Sequences: A Reappraisal of Evolutionary Relationships among Archaeobacteria, Eubacteria, and Eukaryotes." *Microbiology and Molecular Biology Reviews* **62** (December): 1435-1491.

- Gupta, Sanjeev, Jenny S. Collier, David Garcia-Moreno, Francesca Oggioni, Alain Trentesaux, Kris Vanneste, Marc De Batist, Thierry Camelbeeck, Graeme Potter, Brigitte Van Vliet-Lanoë, & John C. R. Arthur.** 2017. “Two-stage opening of the Dover Strait and the origin of the island of Britain.” *Nature Communications* (online @ nature.com) **8** (4 April): 15101.
- Gupta, Sanjeev, Jenny S. Collier, Andy Palmer-Felgate, & Graeme Potter.** 2007. “Catastrophic flooding origin of shelf valley systems in the English Channel.” *Nature* **448** (19 July): 342-345.
- Gupta, Sujata.** 2011. “Profile of David M. Hillis.” *Proceedings of the National Academy of Sciences* **108** (12 July): 11320-11322.
- . 2012. “Profile of Jane I. Guyer.” *Proceedings of the National Academy of Sciences* **109** (14 February): 2181-2183.
- Gura, Trisha.** 2000. “Bones, molecules ... or both?” *Nature* **406** (20 July): 230-233.
- . 2002. “Evolution critics seek role for unseen hand in education.” *Nature* **416** (21 March): 250.
- Gurche, John.** 2013t. *Shaping Humanity: How Science, Art, and Imagination Help Us Understand Our Origins*. New Haven, CT: Yale University Press.
- Gurdon, J. B., & Ian Wilmut.** 2011. “Nuclear Transfer to Eggs and Oocytes.” *Cold Spring Harbor Perspectives in Biology* **3** (June): a002659.
- Gurkan, Cemal, Atanas V. Koulov, & William E. Balch.** 2007. “An Evolutionary Perspective on Eukaryotic Membrane Trafficking,” in Jékely (2007a, 73-83).
- Gurley, L. R., J. G. Valdez, W. D. Spall, B. F. Smith, & D. D. Gillette.** 1991. “Proteins in the fossil bone of the dinosaur *Seismosaurus*.” *Journal of Protein Chemistry* **10** (February): 75-90.
- Gurney, Peter.** 1999. “Is our ‘inverted’ retina really ‘bad’ design?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **13** (1): 93-101.
- Gursoy-Yuzugullu, Ozge, Marina K. Ayrapetov, & Brendan D. Price.** 2015. “Histone chaperone Anp32e removes H2A.Z from DNA double-strand breaks and promotes nucleosome reorganization and DNA repair.” *Proceedings of the National Academy of Sciences* **112** (16 June): 7507-7512.
- Gurule, Tony, with “Fuz” Rana, Jonathan McLatchie, & Brian J. Miller.** 2015. “Biology and the Bible.” *YouTube* 17 November *Trinity Channel* upload (online video at www.youtube.com accessed 6/17/2016).
- Gurzadyan, V. G., & R. Penrose.** 2010. “Concentric circles in WMAP data may provide evidence of violent pre-Big-Bang activity.” *Physics arXiv.org* blog posting 16 November (online abstract at arxiv.org accessed 12/14/2010).
- Gushee, David P., & Glen H. Stassen.** 2011. “An Open Letter to America’s Christian Zionists.” *The New Evangelical Partnership* 19 September posting (online text at www.newevangelicalpartnership.org accessed 9/21/2011).
- Gusnard, Debra A., John M. Ollinger, Gordon L. Shulman, C. Robert Cloninger, Joseph L. Price, David C. Van Essen, & Marcus E. Raichle.** 2003. “Persistence and brain circuitry.” *Proceedings of the National Academy of Sciences* **100** (18 March): 3479-3484.
- Gustafsson, Bengt.** 2010. “Unexpected warm water.” *Nature* **467** (2 September): 35-36.
- Gustafsson, O. S. E., S. P. Collin, & R. H. H. Kröger.** 2008. “Early evolution of multifocal optics for well-focused colour vision in vertebrates.” *The Journal of Experimental Biology* **211** (15 May): 1559-1564.
- Gustavsson, Ingemar.** 1979. “Distribution and Effects of the 1/29 Robertsonian Translocation in Cattle.” *Journal of Dairy Science* **62** (May): 825–835.
- Gustison, Morgan L., Stuart Semple, Ramon Ferrer-i-Cancho, & Thore J. Bergman.** 2016. “Gelada vocal sequences follow Menzerath’s linguistic law.” *Proceedings of the National Academy of Sciences* **113** (10 May): E2759-E2758.
- Gutfreund, Yoram, Weimin Zheng, & Eric I. Knudsen.** 2002. “Gated Visual Input to the Central Auditory System.” *Science* **297** (30 August): 1556-1559.
- Guthrie, Christine.** 2010. “From the Ribosome to the Spliceosome and Back Again.” *The*

- Journal of Biological Chemistry* **285** (1 January): 1-12.
- Guthrie, Joseph.** 2000. "Joseph Guthrie's testimony to the Ohio Board of Education on March 7, 2000." *Young Earth Creation Club* transcript posting (online text at www.creationists.org accessed 2/25/2014).
- Guthrie, R. Dale.** 1982. "Mammals of the Mammoth Steppe as Paleoenvironmental Indicators," in Hopkins *et al.* (1982, 307-326).
- . 2003. "Rapid body size decline in Alaskan Pleistocene horses before extinction." *Nature* **426** (13 November): 169-171.
- . 2006. "New carbon dates link climatic change with human colonization and Pleistocene extinctions." *Nature* **441** (11 May): 207-209.
- Guthrie, Stan.** 2006. "What Married Women Want." *Christianity Today* posting 13 November: online text accessed 6/15/2014 (www.christianitytoday.com).
- Gutiérrez, Gabriel, & Antonio Marin.** 1998. "The Most Ancient DNA Recovered from an Amber-Preserved Specimen May Not Be as Ancient as It Seems." *Molecular Biology and Evolution* **15** (July): 926-929.
- Gutierrez, Juan Manuel Parrilla, Trevor Hinkley, James Ward Taylor, Kliment Yanev, & Leroy Cronin.** 2014. "Evolution of oil droplets in a chemorobitic platform." *Nature Communications* (online @ nature.com) **5** (8 December): 5571.
- Gutiérrez, Rochelle.** 2010. "The Sociopolitical Turn in Mathematics Education." National Council of Teachers of Mathematics *Journal for Research in Mathematics Education* posting (online pdf at www.nctm.org accessed 10/24/2011).
- Gutin, JoAnn.** 1995. "Do Kenya Tools Root Birth of Modern Thought in Africa?" *Science* **270** (17 November): 118-119.
- Güttele, Desirée, Thomas Roret, Stefanie J. Müller, Jérémy Couturier, Stéphane D. Lemaire, Arnaud Hecker, Tiphaine Dhalleine, Bob B. Buchanon, Ralf Reski, Oliver Einsle, & Jean-Pierre Jacquot.** 2016. "Chloroplast FBPase and SBPase are thioredoxin-linked enzymes with similar architecture but different evolutionary histories." *Proceedings of the National Academy of Sciences* **113** (14 June): 6779-6784.
- Gutman, Herbert G.** 1975. *Slavery and the Numbers Game: A Critique of Time on the Cross*. Urbana, IL: University of Illinois Press.
- Guttal, Vishwasha, & Iain D. Couzin.** 2010. "Social interactions, information use, and the evolution of collective migration." *Proceedings of the National Academy of Sciences* **107** (7 September): 16172-16177.
- Guttenplan, D. D.** 2001. *The Holocaust on Trial*. New York: W.W. Norton & Co.
- Gutterson, Neal.** 1995. "Anthocyanin Biosynthetic Genes and Their Application to Flower Color Modification through Sense Suppression." *HortScience* **30** (August): 964-966.
- Gutting, Gary.** 2010a. "Philosophy and Faith." The New York Times *The Stone* posting 1 August: online text accessed 9/21/2010 (opinionator.blogs.nytimes.com).
- . 2010b. "On Dawkins's Atheism: A Response." The New York Times *The Stone* posting 11 August: online text accessed 9/21/2010 (opinionator.blogs.nytimes.com).
- . 2014a. "Is Atheism Irrational?" The New York Times *The Stone* interview with Alvin Plantinga posting 9 February: online text accessed 2/17/2014 (opinionator.blogs.nytimes.com).
- . 2014b. "Arguments Against God." The New York Times *The Stone* interview with Louise Antony posting 25 February: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).
- . 2014c. "Deconstructing God." The New York Times *The Stone* interview with John Caputo posting 9 March: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).
- . 2014d. "Is Belief a Jewish Notion?" The New York Times *The Stone* interview with Howard Wettstein posting 30 March: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).
- . 2014e. "What Does Buddhism Require?" The New York Times *The Stone* interview with Jay Garfield posting 27 April: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).

- . 2014f. “The Case for ‘Soft Atheism.’” The New York Times *The Stone* interview with Philip Kitcher posting 15 May: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).
- . 2014g. “Modern Cosmology Versus God’s Creation.” The New York Times *The Stone* interview with Tim Maudlin posting 15 June: online text accessed 7/31/2014 (opinionator.blogs.nytimes.com).
- . 2014h. “Does Evolution Explain Religious Beliefs?” The New York Times *The Stone* interview with Michael Ruse posting 8 July: online text accessed 7/16/2014 (opinionator.blogs.nytimes.com).
- . 2015. “Pascal’s Wager 2.0.” The New York Times *The Stone* posting 28 September: online text accessed 10/2/2015 (opinionator.blogs.nytimes.com).
- Guttman, Nathan.** 2013. “Lone Jewish Voice Favors Public Christian Prayer in Key Supreme Court Case.” The Jewish Daily *Forward* 14 August posting (online text at forward.com accessed 4/13/2014).
- Gutzmer, J., J. Mukhopadhyay, N. J. Beukes, A. Pack, K. Hayashi, & Z. D. Sharp.** 2006. “Oxygen isotope composition of hematite and genesis of high-grade BIF-hosted iron ores.” *The Geological Society of America Memoirs* **198**: 257-268.
- Guy, Franck, Daniel E. Lieberman, David Pilbeam, Marcia Ponce de León, Andossa Likius, Hassane T. Mackaye, Patrick Vignaud, Christoph Zollikofer, & Michel Brunet.** 2005. “Morphological affinities of the *Sahelanthropus tchadensis* (Late Miocene hominid from Chad) cranium.” *Proceedings of the National Academy of Sciences* **102** (27 December): 18836-18841.
- Guy, Lionel, Jimmy H. Saw, & Thijs J. G. Ettema.** 2014. “The Archaeal Legacy of Eukaryotes: A Phylogenomic Perspective.” *Cold Spring Harbor Perspectives in Biology* **6** (October): a016022.
- Guyer, Jane I.** 2012. “Soft currencies, cash economies, new monies: Past and present.” *Proceedings of the National Academy of Sciences* **109** (14 February): 2214-2221.
- Guzik, David.** 2002. “David Guzik Study Guide for Exodus Chapter 21.” *Blue Letter Bible* posting (online text at www.blueletterbible.org accessed 7/31/2002).
- Guzman, Marcelo I., & Scot T. Martin.** 2009. “Prebiotic Metabolism: Production by Mineral Photoelectrochemistry of α -Ketocarboxylic Acids in the Reductive Tricarboxylic Acid Cycle.” *Astrobiology* **9** (November): 833-842.
- Gweon, Hyowon, & Laura E. Schulz.** 2011. “16-Month-Olds Rationally Infer Causes of Failed Actions.” *Science* **332** (24 June): 1524.
- Gweon, Hyowon, Joshua B. Tenenbaum, & Laura E. Schulz.** 2010. “Infants consider both the sample and the sampling process in inductive generalization.” *Proceedings of the National Academy of Sciences* **107** (18 May): 9066-9071.
- Gwynne, Darryl T.** 2001. *Katydid and Bush-Crickets: Reproductive Behavior and Evolution of the Tettigoniidae*. Ithaca, NY: Comstock Publishing Associates (Cornell University Press).
- Gwynne, Peter.** 1975. “The Cooling World.” *Newsweek* (28 April): 64.

- Ha, M., D. L. Henry, & R. H. Nehm.** 2012. “Feeling of certainty: Uncovering a missing link between knowledge and acceptance of evolution.” *Journal of Research in Science Teaching* **49** (January): 95-121.
- Ha, Misook, Eun-Deok Kim, & Z. Jeffrey Chen.** 2009. “Duplicate genes increase expression diversity in closely related species and allopolyploids.” *Proceedings of the National Academy of Sciences* **106** (17 February): 2295-2300.
- Haack, Steven C.** 1987. “The evolution and acuity of the schizochroal eye in trilobites.” *Evolutionary Theory* **8** (September): 69-72.
- Haack, Susan.** 2003. *Defending Science—Within Reason: Between Scientism and Cynicism*. Amherst, NY: Prometheus Books.
- Haaf, Thomas, & Huntington F. Willard.** 1997. “Chromosome-specific α -satellite DNA from the centromere of chimpanzee chromosome 4.” *Chromosoma* **106** (August): 226-232.
- Haag, Karen L., Timothy Y. James, Jean-François Pombert, Ronny Larsson, Tobias M. M. Schaer, Dominik Refardt, & Dieter Ebert.** 2014. “Evolution of a morphological novelty occurred before genome comparison in a lineage of extreme parasites.” *Proceedings of the National Academy of Sciences* **111** (28 October): 15480-15485.
- Haag-Liautard, Cathy, Mark Dorris, Xulio Maside, Steven Macaskill, Daniel L. Halligan, Brian Charlesworth, & Peter D. Keightley.** 2007. “Direct estimation of per nucleotide and genomic deleterious mutation rates in *Drosophila*.” *Nature* **445** (4 January): 82-85.
- Haak, Wolfgang, Iosif Lazaridis, Nick Patterson, Nadin Rohland, Swapan Mallick, Bastien Llamas, Guido Brandt, Susanne Nordenfelt, Eadaoin Harney, Kristin Stewardson, Qiaomei Fu, Alissa Mittnik, Eszter Bánffy, Christos Economou, Michael Francken, Susanne Friederich, Rafael Garrido Pena, Fredrik Hallgren, Valery Khartanovich, Aleksandr Khokhlov, Michael Kunst, Pavel Kuznetsov, Harald Meller, Oleg Mochalov, Vayacheslav Moiseyev, Nicole Nicklisch, Sandra K. Pichler, Roberto Risch, Manuel A. Rojo Guerra, Christina Roth, Anna Scécsényi-Nagy, Joachim Wahl, Matthias Meyer, Johannes Krause, Dorcas Brown, David Anthony, Alan Cooper, Kurt Werner, & David Reich.** 2015. “Massive migration from the steppe was a source for Indo-European languages in Europe.” *Nature* **522** (11 June): 207-211.
- Haaker, Jan, Stefano Gaburro, Anupam Sah, Nina Gartmann, Tina B. Lonsdorf, Kolja Meier, Nicolas Singewald, Hans-Christian Pape, Fabio Morellini, & Raffael Kalisch.** 2013. “Single dose of L-dopa makes extinction memories context-independent and prevents the return of fear.” *Proceedings of the National Academy of Sciences* **110** (25 June): E2428-E2436.
- Haaretz.* 2007. “Polish EU Legislator’s anti-Semitic Booklet Sparks Outrage.” *Haaretz* 19 February posting (online text at www.haaretz.com accessed 4/21/2016).
- Haarsma, Deborah.** 2014. “Reviewing ‘Darwin’s Doubt’: Introduction.” *The BioLogos Foundation* posting 25 August (online text at biologos.org accessed 3/5/2015).
- . 2015. “Reviewing ‘Darwin’s Doubt’: Conclusion.” *The BioLogos Foundation* posting 19 January (online text at biologos.org accessed 3/5/2015).
- Haarsma, Deborah B., & Loren D. Haarsma.** 2007. *Origins: A Reformed Look at Creation, Design, and Evolution*. Grand Rapids, MI: Faith Alive Christian Resources.
- Haarsma, Loren, Serita Nelesen, Ethan VanAndel, James Lamine, & Peter VandelHaar.** 2016. “Simulating evolution of protein complexes through gene duplication and co-option.” *Journal of Theoretical Biology* **399** (21 June): 22-32.
- Haas, Brian W., Megan M. Filkowski, R. Nick Cochran, Lydia Denison, Alexander Ishak, Shota Nishitani, & Alicia K. Smith.** 2016. “Epigenetic modification of *OXT* and human sociability.” *Proceedings of the National Academy of Sciences* **113** (5 July): E3816-E3823.
- Haas, François.** 2008. “German science and black racism—roots of the Nazi Holocaust.” Federation of American Societies for Experimental Biology *The FASEB Journal* **22** (February): 332-337.
- Haas, Jonathan, Winifred Creamer, Luis Huamán Mesia, David Goldstein, Karl Reinhard, & Cindy Vergel Rodriguez.** 2013. “Evidence for maize (*Zea mays*) in the Late Archaic (3000-1800 B.C.) in the Norte Chico region of Peru.” *Proceedings of the National*

- Academy of Sciences* **110** (26 March): 4945-4949.
- Habchi, Johnny, Peter Tompa, Sonia Longhi, & Vladimir N. Uversky.** 2014. "Introducing Protein Intrinsic Disorder." *Chemical Reviews* **114** (9 July): 6561-6588.
- Haber, Gordon.** 2011. "Scientology: All-American or Aging Hoax?" *Religion Dispatches* 9 November (online text at *religiondispatches.org* accessed 11/10/2011).
- . 2012. "Does the Inquisition Explain the Modern World?" *Religion Dispatches* 20 March (online text at *religiondispatches.org* accessed 3/24/2012).
- . 2013a. "The Search For Proofs For God's Existence." *Religion Dispatches* 3 June (online text at *religiondispatches.org* accessed 6/10/2013).
- . 2013b. "New Book: God Favors Supply-Side Economics." *Religion Dispatches* 2 August (online text at *religiondispatches.org* accessed 8/5/2013).
- . 2015. "Why Does The Pope Love This Trippy Dystopian Novel From 1907?" *Religion Dispatches* 3 March (online text at *religiondispatches.org* accessed 3/4/2015).
- Haberkorn, Jennifer, & Burgess Everett.** 2014. "Report: ACA abortion rules ignored." *Politico* 16 September posting (online text at *mobile.politico.com* accessed 9/16/2014).
- Haberle, Julie.** 2011a. "Fossil Evidence." *Who Is Your Creator* undated posting (online text at *www.whoisyourcreator.com* accessed 5/14/2011).
- . 2011b. "Gene Duplication." *Who Is Your Creator* undated posting (online text at *www.whoisyourcreator.com* accessed 5/14/2011).
- . 2011c. "Stasis." *Who Is Your Creator* undated posting (online text at *www.whoisyourcreator.com* accessed 5/14/2011).
- Haberle, Vanja, Alistair R. R. Forrest, Yoshihide Hayashizaki, Piero Carninci, & Boris Lenard.** 2015. "CAGER: Precise TSS Data Retrieval and High-Resolution Promoterome Mining for Integrative Analyses." *Nucleic Acids Research* **43** (30 April): e51.
- Habermas, Gary R.** 1982. "Jesus' Resurrection: A Historical Investigation." *Fundamentalist Journal* **1** (September): 18-21.
- Habermas, Gary R., & Antony Flew,** ed. David Baggett. 2009. *Did the Resurrection Happen?* Downers Grove, IL: IVP Books (InterVarsity Press).
- Habermas, Gary R., & J. P. Moreland.** 1998. *Beyond Death: Exploring the Evidence for Immortality.* 2nd ed. Wheaton, IL: Crossway Books.
- Habermehl, Anne.** 2011a. "Where in the World Is the Tower of Babel?" *Answers in Genesis Answers Research Journal* **4**: 25-53.
- . 2011b. "Why Pharaoh Hatshepsut is not to be equated to the Queen of Sheba. Letter with reply by Patrick Clarke." *Journal of Creation (AKA Answers in Genesis Creation ex Nihilo Technical Journal)* **25** (1): 44-46.
- Habicht, Kirsten S., Michael Gade, Bo Thamdrup, Peter Berg, & Donald E. Canfield.** 2002. "Calibration of Sulfate Levels in the Archean Ocean." *Science* **298** (20 December): 2372-2374.
- Hablewitz, David.** 2012. "Grand Canyon Day 4: Nautiloid to Nankoweap." *The Notes Guy in Seattle* 2 January posting (online text at *thenotesguyinseattle.com* accessed 6/13/2014).
- Habura, Andrea, Laura Wegener, Jeffrey L. Travis, & Samuel S. Bowser.** 2005. "Structural and Functional Implications of an Unusual Foraminiferal β -Tubulin." *Molecular Biology and Evolution* **22** (October): 2000-2009.
- Hachisu, Izumi, Hideyuki Saio, & Mariko Kato.** 2016. "Shortest recurrence periods of forced novae." *The Astronomical Journal* **824** (10 June): 22.
- Hackenberg, Claudia, Ramona Kern, Jan Hüge, Lucas J. Stal, Yoshinori Tsuji, Joachim Kopka, Yoshihito Shiraiwa, Hermann Bauwe, & Martin Hagemann.** 2011. "Cyanobacterial Lactate Oxidases Serve as Essential Partners in N_2 Fixation and Evolved into Photorespiratory Glycolate Oxidases in Plants." *The Plant Cell* **23** (August): 2978-2990.
- Hacker, B. R., & S. M. Peacock.** 1995. "Creation, Preservation, and Exhumation of UPHM Rocks," in Coleman & Wang (1995, 159-181).
- Hacker, David J.** 2004. "WARNING! EVOLUTION LIES WITHIN: Preserving Academic Freedom in the Classroom with Secular Evolution Disclaimers." *Washington University*

- Journal of Law & Policy* (St. Louis, Missouri) **16**: 333-349.
- Hacker, Jörg, & Elisabeth Carniel.** 2001. "Ecological fitness, genomic islands and bacterial pathogenicity." *EMBO Reports* **2** (May): 376-381.
- Hackett, Jeremiah D., Donald M. Anderson, Deana L. Erdner, & Debashish Bhattacharya.** 2004. "Dinoflagellates: A Remarkable Evolutionary Experiment." *American Journal of Botany* **91** (October): 1523-1534.
- Hackett, Rosalind I. J., & Randal L. Hepner.** 2012. "'Mass Graves, Child Soldiers' and a Crusading Army of International Evangelists." *Religion Dispatches* 27 August (online text at religiondispatches.org accessed 8/31/2012).
- Hacking, Ian.** 1995. *Rewriting the Soul: Multiple Personality and the Sciences of Memory*. Princeton, NJ: Princeton University Press.
- . 2009. "Autistic autobiography." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1467-1473.
- Hackle, Al.** 2014. "GSU professor facing 'preaching' complaints." *Statesboro Herald* (Georgia) *Connect Statesboro* 24 November posting (online text at www.connectstatesboro.com accessed 11/26/2014).
- Hackley, Steven A.** 2015. "Evidence for a vestigial pinna-orienting system in humans." *Psychophysiology* **52** (October): 1263-1270.
- Hackney, Charles H, & Glenn S. Sanders.** 2003. "Religiosity and Mental Health: A Meta-Analysis of Recent Studies." *Journal for the Scientific Study of Religion* **42** (March): 43-45.
- Haddock, Steven H. D., Trevor J. Rivers, & Bruce H. Robison.** 2001. "Can coelenterates make coelenterazine? Dietary requirement for luciferin in cnidarian bioluminescence." *Proceedings of the National Academy of Sciences* **98** (25 September): 11148-11151.
- Haddrath, Oliver, & Allan J. Baker.** 2001. "Complete mitochondrial DNA genome sequences of extinct birds: ratite phylogenetics and the vicariance biogeography hypothesis." *Proceedings of the Royal Society of London B* (Biological Sciences) **268** (7 May): 939-945.
- Hadid, Yarin, Tomáš Pavlíček, Avigdor Beiles, Ron Ianovici, Shmuel Raz, & Eviatar Nevo.** 2014. "Sympatric incipient speciation of spiny mice *Acomys* at 'Evolution Canyon,' Israel." *Proceedings of the National Academy of Sciences* **111** (21 January): 1043-1048.
- Hadid, Yarin, Shay Tzur, Tomáš Pavlíček, Radim Šumbera, Jan Šklíba, Matěj Lövy, Ori Fragman-Sapir, Avigdor Beiles, Ran Arieli, Shmuel Raz, & Eviatar Nevo.** 2013. "Possible incipient sympatric ecological speciation in blind mole rats (*Spalax*)." *Proceedings of the National Academy of Sciences* **110** (12 February): 2587-2592.
- Hadingham, Evan.** 1984. *Early Man and the Cosmos*. New York: Walker & Co.
- Hadj-Bouziane, Fadila, Ning Liu, Andrew H. Bell, Katalin M. Gothard, Wen-Ming Luh, Roger B. H. Tootell, Elisabeth A. Murray, & Leslie G. Ungerleider.** 2012. "Amygdala lesions disrupt modulation of functional MRI activity evoked by facial expression in the monkey inferior temporal cortex." *Proceedings of the National Academy of Sciences* **109** (26 December): E3640-E3648.
- Hadjithomas, Michalis, & Evangelos N. Moudrianakis.** 2011. "Experimental evidence for the role of domain swapping in the evolution of the histone fold." *Proceedings of the National Academy of Sciences* **108** (16 August): 13462-13467.
- Hadjivasiliou, Zena, Andrew Pomiankowski, Robert M. Seymour, & Nick Lane.** 2012. "Selection for mitonuclear co-adaptation could favor the evolution of two sexes." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 May): 1865-1872.
- Hadley, Jarvis B., & Richard Goldsmith.** 1963. "Geology of the Eastern Great Smoky Mountains North Carolina and Tennessee." U.S. Department of the Interior *Geological Survey Professional Paper 149-B*: 1-118.
- Hadley, Terence J., & Stephen C. Peiper.** 1997. "From Malaria to Chemokine Receptor: The Emerging Physiologic Role of the Duffy Blood Group Antigen." *Blood* **89** (1 May): 3077-3091.
- Hadrys, Thorsten, Rob DeSalle, Sven Sagasser, Nino Fischer, & Bernd Schierwater.** 2005.

- “The Trichoplax *PaxB* Gene: A Putative Proto-*PaxA/B/C* Gene Predating the Origin of Nerve and Sensory Cells.” *Molecular Biology and Evolution* **22** (July): 1569-1578.
- Haackel, Ernst**, trans. Joseph McCabe. 1904. *The Wonders of Life: A Popular Study of Biological Philosophy*. New York: Harper & Bros.
- Hæggman, S., S. Löfdahl, A. Paauw, J. Verhoef, & S. Brisse**. 2004. “Diversity and Evolution of the Class A Chromosomal Beta-Lactamase Gene in *Klebsiella pneumoniae*.” *Antimicrobial Agents and Chemotherapy* **48** (July): 2400-2408.
- Haen, Karri M., B. Franz Lang, Shirley A. Pomponi, & Dennis V. Lavrov**. 2007. “Glass sponges and Bilaterian Animals Share Derived Mitochondrial Genomic Features: A Common Ancestry or Parallel Evolution?” *Molecular Biology and Evolution* **24** (July): 1518-1527.
- HaEris**. 2007. “Argument by technobabble?” *Overwhelming Evidence* posting on 17 February (online text at www.overwhelmingevidence.com accessed 1/2/2008, not available as of 1/21/2017).
- Haerty, Wilfried, & Chris P. Ponting**. 2015. “Unexpected selection to retain high GC content and splicing enhancers within exons of multiexonic lncRNA loci.” *RNA* **21** (March): 320-332.
- Haesler, Sebastian, Kazuhiro Wada, A. Nshdejan, Edward E. Morrissey, Thierry Lints, Eric D. Jarvis, & Constance Scharff**. 2004. “*FoxP2* Expression in Avian Vocal Learners and Non-Learners.” *The Journal of Neuroscience* **24** (31 March): 3164-3175.
- Hafele, J. C.** 1970. “Relativistic behaviour of moving terrestrial clocks.” *Nature* **227** (18 July): 270-271.
- Hafemeister, David, & Peter Schwartz**. 2008. “A Tutorial on the Basic Physics of Climate Change.” *Physics & Society* **37** (July): 3-5.
- Hafen, Ernst, Konrad Basler, Jan-Erik Edstroem, & Gerald M. Rubin**. 1987. “*Sevenless*, a Cell-Specific Homeotic Gene of *Drosophila*, Encodes a Putative Transmembrane Receptor with a Tyrosine Kinase Domain.” *Science* **236** (3 April): 55-63.
- Hafer, Carolyn L., & Laurent Bègue**. 2005. “Experimental Research on Just-World Theory: Problems, Developments, and Future Challenges.” *Psychological Bulletin* **131** (January): 128-167.
- Hafner, Martin, & Gert Korthof**. 2006. “Does a ‘500 million-year-old hormone’ disprove Darwin?” Federation of American Societies for Experimental Biology *The FASEB Journal* **20** (July): 1290-1292.
- Hagadorn, James W., Joseph M. Collette, & Edward S. Belt**. 2011. “Eolian-Aquatic Deposits and Faunas of the Middle Cambrian Potsdam Group.” *Palaios* **26** (May): 314-334.
- Hagadorn, James W., Robert H. Dott Jr., & Dan Damrow**. 2002. “Stranded on a Late Cambrian shoreline: Medusae from central Wisconsin.” *Geology* **30** (February): 147-150.
- Hagadorn, James W., Christopher M. Fedo, & Ben M. Waggoner**. 2000. “Early Cambrian Ediacaran-type Fossils from California.” *Journal of Paleontology* **74** (July): 731-740.
- Hagadorn, James W., & Adolf Seilacher**. 2009. “Hermit arthropods 500 million years ago?” *Geology* **37** (April): 295-298.
- Hagadorn, James W., Shuhai Xiao, Philip C. J. Donoghue, Stefan Bengtson, Neil J. Gostling, Maria Pawlowska, Elizabeth C. Raff, F. Rudolf Turner, Yin Chongyu, Chuanming Zhou, Xunlai Yuan, Matthew B. McFeeley, Marco Stampanoni, & Kenneth H. Nealson**. 2006. “Cellular and Subcellular Structure of Neoproterozoic Animal Embryos.” *Science* **314** (13 October): 291-294.
- Hagan, Christine L., Seokhee Kim, & Daniel Kahne**. 2010. “Reconstitution of Outer Membrane Protein Assembly from Purified Components.” *Science* **328** (14 May): 890-892.
- Hagan, William J. Jr., Amanda Parker, Amy Steuerwald, & Meagan Hathaway**. 2007. “Phosphate Solubility and the Cyanate-Mediated Synthesis of Pyrophosphate.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (April): 113-122.
- Hagdorn, Hans, & Hamish J. Campbell**. 1993. “*Paracomatula triadica* sp. nov.—an early comatulid crinoid from the Otapirian (Late Triassic) of New Caledonia.” *Alcheringa: An Australasian Journal of Palaeontology* **17** (1): 1-17.

- Hageman, Steven J.** 2003. “Complexity Generated by Iteration of Hierarchical Modules in Bryozoa.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 87-98.
- Hagen, Edward H., & Peter Hammerstein.** 2009. “Did Neanderthals and other early humans sing? Seeking the biological roots of music in the territorial advertisements of primates, lions, hyenas, and wolves.” *Musicae Scientiae* **13** (21 September, Supplement): 291-320.
- Hagen, Joel B.** 1999. “Retelling Experiments: H.B.D. Kettlewell’s Studies of Industrial Melanism in Peppered Moths.” *Biology and Philosophy* **14** (January): 39-54.
- . 2003. “The Statistical Frame of Mind in Systematic Biology from *Quantitative Zoology* to *Biometry*.” *Journal of the History of Biology* **36** (Summer): 353-384.
- Hagen, Joost L.** 2014. “Possible further proof of forgery: A reading of the text of the Lycopopolitan fragment of the Gospel of John, with remarks about suspicious phenomena in the areas of the lacunae and a note about the supposed Gospel of Jesus’ Wife.” *Suciualin* 30 April posting (online pdf at suciualin.files.wordpress.com accessed 7/15/2014).
- Haggard, Patrick.** 2009. “The Sources of Human Volition.” *Science* **324** (8 May): 731-733.
- Haggerty, Leanne S., Fergal J. Martin, David A. Fitzpatrick, & James O. McInerney.** 2009. “Gene and genome trees conflict at many levels.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 August): 2209-2219.
- Häggsström, Olle.** 2007a. “Intelligent Design and the NFL Theorems.” *Biology and Philosophy* **22** (March): 217-230.
- . 2007b. “Uniform distribution is a model assumption.” October posting (online pdf at www.math.chalmers.se accessed 8/25/2011).
- Häggsström, Therese, & Birger Schmitz.** 2007. “Distribution of extraterrestrial chromite in Middle Ordovician Komstad Limestone in the Killeröd quarry, Scania, Sweden.” *Bulletin of the Geological Society of Denmark* **55** (1): 37-58.
- Hagin, Doug.** 2005. “Evolution of creation?” *RenewAmerica* 8 May posting (online text at www.renewamerica.com accessed 8/13/2013).
- Hagmann, Michael.** 2000. “Why Chicks Aren’t All Thumbs.” *Science* **289** (21 July): 372-373.
- Hagmann, P., O. Sporns, N. Madan, L. Cammoun, R. Pienaar, V. J. Wedeen, R. Meuli, J.-P. Thiran, & P. E. Grant.** 2010. “White matter maturation reshapes structural connectivity in the late developing human brain.” *Proceedings of the National Academy of Sciences* **107** (2 November): 19067-19072.
- Hagoort, Peter, & Willem J. M. Levelt.** 2009. “The Speaking Brain.” *Science* **326** (16 October): 372-373.
- Hahn, Heather.** 2016. “Denial of GC2016 booth sparks protest.” *United Methodist Church* 3 February posting (online text at www.umc.org accessed 4/23/2016).
- Hahn, Mark E.** 2002. “Aryl hydrocarbon receptors: diversity and evolution.” *Chemico-Biological Interactions* **141** (20 September): 131-160.
- Hahn, Mark E., Sibel I. Karchner, Brad E. Evans, Diana G. Franks, Rebeka R. Merson, & Joy M. Lapsertitis.** 2006. “Unexpected diversity of aryl hydrocarbon receptors in non-mammalian vertebrates: insights from comparative genomics.” *Journal of Experimental Zoology* **305A** (September): 693-706.
- Hahn, Matthew W.** 2009. “Distinguishing Among Evolutionary Models for the Maintenance of Gene Duplicates.” *Journal of Heredity* **100** (September-October): 605-617.
- Hahn, Matthew W., Jeffrey P. Demuth, & Sang-Gook Han.** 2007. “Accelerated Rate of Gene Gain and Loss in Primates.” *Genetics* **177** (November): 1941-1949.
- Hahn, Matthew W., Mira V. Han, & Sang-Gook Han.** 2007. “Gene Family Evolution across 12 *Drosophila* Genomes.” *PLoS Genetics* (online @ plosgenetics.org) **3** (November): e197.
- Hahn, Steven, & Stephen Buratowski.** 2016. “Snapshots of transcription initiation.” *Nature* **533** (19 May): 331-332.
- Hahn, Ulrike, & Mike Oaksford.** 2006. “A Bayesian Approach to Informal Argument Fallacies.” *Synthese* **152** (September): 207-236.
- Haider, Bilal, Michael Häusser, & Matteo Carandini.** 2013. “Inhibition dominates sensory responses in the awake cortex.” *Nature* **493** (3 January): 97-100.

- Haidt, Jonathan.** 2001. "The Emotional Dog and Its Rational Tail: A Social Intuitionist Approach to Moral Judgment." *Psychological Review* **108** (October): 814-834.
- Haidt, Jonathan, & Jesse Graham.** 2007. "When Morality Opposes Justice: Conservatives Have Moral Intuitions that Liberals may not Recognize." *Social Justice Research* **20** (March): 98-116.
- Haidt, Jonathan, Silvia Helena Koller, & Maria G. Dias.** 1993. "Affect, culture, and morality, or is it wrong to eat your dog?" *Journal of Personality and Social Psychology* **65** (October): 613-628.
- Haidt, Jonathan, & James P. Morris.** 2009. "Finding the self in self-transcendent emotions." *Proceedings of the National Academy of Sciences* **106** (12 May): 7687-7688.
- Haig, David.** 2011. "Genomic imprinting and the evolutionary psychology of human kinship." *Proceedings of the National Academy of Sciences* **108** (28 June): 10878-10885.
- Haigh, Joanna D., Ann R. Winning, Ralf Toumi, & Jerald W. Harder.** 2010. "An influence of solar spectral variations on radiative forcing of climate." *Nature* **467** (7 October): 696-699.
- Haigh, Paula.** 2000. "The Cognitive Loop." *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2001. "Fairlyland." *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2002. "Fairy-land is Hell and Magic is Demon-Power." *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2003. "Counterfeit Creations and Cultural Icons: The Harry Potter Books and Other Fantasies." *Origins* posting (online pdf at www.alcazar.net accessed 6/15/2011).
- . 2008. "Cunningly Devised Fables." *Origins* undated posting (online pdf at www.alcazar.net accessed 6/15/2011).
- Haigis, Marcia C., Eric S. Haag, & Ronald T. Raines.** 2002. "Evolution of Ribonuclease Inhibitor by Exon Duplication." *Molecular Biology and Evolution* **19** (June): 959-963.
- Haile, James, Duane G. Froese, Ross D. E. MacPhee, Richard G. Roberts, Lee J. Arnold, Alberto V. Reyes, Morten Rasmussen, Rasmus Nielsen, Barry W. Brook, Simon Robinson, Martina Demuro, M. Thomas P. Gilbert, Kasper Munch, Jeremy J. Austin, Alan Cooper, Ian Barnes, Per Möller, & Eske Willerslev.** 2009. "Ancient DNA reveals late survival of mammoth and horse in interior Alaska." *Proceedings of the National Academy of Sciences* **106** (29 December): 22352-22357.
- Hailer, Frank, Verena E. Kutschera, Björn M. Hallström, Denise Klassert, Steven R. Fain, Jennifer A. Leonard, Ulfur Arnason, & Axel Janke.** 2012. "Nuclear Genomic Sequences Reveal that Polar Bears Are an Old and Distinct Bear Lineage." *Science* **336** (20 April): 344-347.
- . 2013. "Response to Comment on 'Nuclear Genomic Sequences Reveal that Polar Bears Are an Old and Distinct Bear Lineage'." *Science* **339** (29 March): 1522.
- Haile-Selassie, Yohannes.** 2001. "Late Miocene hominids from the Middle Awash, Ethiopia." *Nature* **342** (12 July): 178-181.
- . 2010. "Phylogeny of early *Australopithecus*: new fossil evidence from the Woranso-Mille (central Afar, Ethiopia)." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 October): 3323-3331.
- Haile-Selassie, Yohannes, Luis Gibert, Stephanie M. Melillo, Timothy M. Ryan, Mulugeta Alene, Alan Deino, Naomi E. Levin, Gary Scott, & Beverly Z. Saylor.** 2015. "New species from Ethiopia further expands Middle Pliocene hominin diversity." *Nature* **521** (28 May): 483-488.
- Haile-Selassie, Yohannes, Bruce M. Latimer, Mulugeta Alene, Alan L. Deino, Luis Gibert, Stephanie M. Melillo, Beverly Z. Saylor, Gary R. Scott, & C. Owen Lovejoy.** 2010. "An early *Australopithecus afarensis* postcranium from Woranso-Mille, Ethiopia." *Proceedings of the National Academy of Sciences* **107** (6 July): 12121-12126.
- Haile-Selassie, Yohannes, Stephanie M. Melillo, & Denise F. Su.** 2016. "The Pliocene hominin diversity conundrum: Do more fossils mean less clarity?" *Proceedings of the National Academy of Sciences* **113** (7 June): 6364-6371.

- Haile-Selassie, Yohannes, Beverly Z. Saylor, Alan Deino, Naomi E. Levin, Mulugeta Alene, & Bruce M. Latimer.** 2012. "A new hominin foot from Ethiopia shows multiple Pliocene bipedal adaptations." *Nature* **483** (29 March): 565-569.
- Haile-Selassie, Yohannes, Gen Suwa, & Tim D. White.** 2004. "Late Miocene Teeth from Middle Awash, Ethiopia, and Early Hominid Dental Evolution." *Science* **303** (5 March): 1503-1505.
- Haile-Selassie, Yohannes, & Giday WoldeGabriel,** eds. 2009. *Ardipithecus kadabba: Late Miocene Evidence from the Middle Awash, Ethiopia*. Berkeley, CA: University of California Press.
- Hailey, Adrian, Victor C. Quesnel, & Hans E. A. Boos.** 2009. "The persistence of *Anolis trinitatis* as a naturalized lizard in Trinidad against hybridization pressure with *Anolis aeneus*." *Applied Herpetology* **6** (3): 275-294.
- Haimenl, Dennis.** 2001. "The Apparent Age of the Stars and a Young Earth." Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (May/June): 3.
- Hainal, Anca Roxana, Adina Mirela Capraru, Irina Volf, & Valentin I. Popa.** 2012. "Lignin as a carbon source for the cultivation of some *Rhodotorula* species." *Cellulose Chemistry and Technology* **46** (1-2): 87-96.
- Haines, A. N., M. F. Flajnik, & J. P. Wourms.** 2006. "Histology and immunology of the placenta in the Atlantic sharpnose shark, *Rhizoprionodon terraenovae*." *Placenta* **27** (November-December): 1114-1123.
- Haines, Lester.** 2008. "Assyrian clay tablet points to 'Sodom and Gomorrah' asteroid." *The Register* posting 31 March (online text at www.theregister.co.uk accessed 12/17/2008).
- Haines, Lynn, & Peter D. Currie.** 2001. "Morphogenesis and evolution of vertebrate appendicular muscle." *Journal of Anatomy* **199** (July): 205-209.
- Haines, Nia M., Youngi-In T. Kim, Abigail J. Smith, & Nigel J. Savery.** 2014. "Stalled transcription complexes promote DNA repair at a distance." *Proceedings of the National Academy of Sciences* **111** (18 March): 4037-4042.
- Haines, Tim.** 2001. *Walking with Prehistoric Beasts*. New York: Dorling Kindersley Publishing.
- Hains, Avis Brennan, Mai Anh T. Vu, Paul K. Maciejewski, Christopher H. van Dyck, Melissa Gotttron, & Amy F. T. Arnsten.** 2009. "Inhibition of protein kinase C signaling protects prefrontal cortex dendritic spines and cognition from the effects of chronic stress." *Proceedings of the National Academy of Sciences* **106** (20 October): 17957-17962.
- Hajcak, Greg.** 2012. "What We've Learned From Mistakes: Insights From Error-Related Brain Activity." *Current Directions in Psychological Science* **21** (October): 101-106.
- Hajcak, Greg, Clay B. Holroyd, Jason S. Moser, & Robert F. Simons.** 2005. "Brain potentials associated with expected and unexpected good and bad outcomes." *Psychophysiology* **42** (March): 161-170.
- Hajcak, Greg, Nicole McDonald, & Robert F. Simons.** 2003. "Anxiety and error-related brain activity." *Biological Psychology* **64** (October): 77-90.
- Hajcak, Greg, Jason S. Moser, Nick Yeung, & Robert F. Simons.** 2005. "On the ERN and the significance of errors." *Psychophysiology* **42** (March): 151-160.
- Hakeem, Atiya Y., Chet C. Sherwood, Christopher J. Bonar, Camilla Butti, Patrick R. Hof, & John M. Allman.** 2009. "Von Economo Neurons in the Elephant Brain." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (February): 242-248.
- Halanych, K. M., J. D. Bacheller, A. M. Aguinaldo, S. M. Liva, D. M. Hillis, & J. A. Lake.** 1995. "Evidence from 18S ribosomal DNA that the lophophorates are protostome animals." *Science* **267** (17 March): 1641-1643.
- Halanych, Kenneth M., Richard A. Lutz, & Robert C. Vrijenhoek.** 1998. "Evolutionary origins and age of vestimentiferan tube-worms." *Cahiers de Biologie Marine* **39**: 355-358.
- Halanych, Kenneth M., & Yale Passamanek.** 2001. "A brief review of metazoan phylogeny and future prospects in Hox-research." *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 629-639.
- Halanych, Kenneth M., Nathan V. Whelan, Kevin M. Kocot, Andrea B. Kohn, & Leonid L.**

- Moroz.** 2016. “Miscues misplace sponges.” *Proceedings of the National Academy of Sciences* **113** (23 February): E946-E947.
- Halary, Sébastien, Jessica W. Leigh, Bachar Cheaib, Philippe Lopez, & Eric Bapteste.** 2010. “Network analyses structure genetic diversity in independent genetic worlds.” *Proceedings of the National Academy of Sciences* **107** (5 January): 127-132.
- Halatek, Jacob, & Erwin Frey.** 2012. “Highly Canalized MinD Transfer and MinE Sequestration Explain the Origin of Robust MinCDE-Protein Dynamics.” *Cell Reports* **1** (7 June): 741-752.
- Haldane, J. B. S.** 1940. *Adventures of a Biologist*. New York: Harper & Bros.
- . 1957. “The cost of natural selection.” *Journal of Genetics* **55** (December): 511-524.
- Halder, Georg, Patrick Callaerts, & Walter J. Gehring.** 1995. “Induction of Ectopic Eyes by Targeted Expression of the *eyeless* Gene in *Drosophila*.” *Science* **267** (24 March): 1788-1792.
- Hale, Benjamin.** 2011. “Were You Born Selfish?: An Interview with Frans de Waal.” *Religion Dispatches* 5 May posting (online text at religiondispatches.org accessed 5/5/2011).
- Hale, M. L., M. H. Verduijn, A. P. Møller, K. Wolff, & M. Petrie.** 2009. “Is the peacock’s train an honest signal of genetic quality at the major histocompatibility complex?” *Journal of Evolutionary Biology* **22** (June): 1284-1294.
- Hales, William.** 1830. *A New Analysis of Chronology and Geography, History and Prophecy: In Which Their Elements Are Attempted to be Explained, Harmonized, and Vindicated, Upon Scriptural and Scientific Principles; Tending to Remove the Imperfection and Discordance of Preceding Systems, and to Obviate the Cavils of Sceptics, Jews, and Infidels*. Vol. 2. London: C. J. G. & F. Rivington.
- Halevy, I., & A. Bachan.** 2017. “The geologic history of seawater pH.” *Science* **355** (10 March): 1069-1071.
- Halevy, Itay, Woodward W. Fischer, & John M. Eiler.** 2011. “Carbonates in the Martian meteorite Allan Hills 84001 formed at 18 ± 4 °C in a near-surface aqueous environment.” *Proceedings of the National Academy of Sciences* **108** (11 October): 16895-16899.
- Halevy, Itay, Shanan E. Peters, & Woodward W. Fischer.** 2012. “Sulfate Burial Constraints on the Phanerozoic Sulfur Cycle.” *Science* **337** (20 July): 331-334.
- Halevy, Nir, & Eliran Halali.** 2015. “Selfish third parties act as peacemakers by transforming conflicts and promoting cooperation.” *Proceedings of the National Academy of Sciences* **112** (2 June): 6937-6942.
- Haley, Garrett.** 2013a. “Ball State University Science Professor Under Fire for Questioning Evolution.” *Christian News* 22 May posting (online text at christiannews.net accessed 5/25/2013).
- . 2013b. “‘Dinosaur Skin Discovery Threatens to Debunk Long-Held Evolutionary Assumptions.’” *Christian News* 13 June posting (online text at christiannews.net accessed 5/13/2015).
- . 2013c. “Groundbreaking Genetic Discoveries Challenge Ape to Human Evolutionary Theory.” *Christian News* 17 June posting (online text at christiannews.net accessed 6/18/2013).
- . 2014a. “Evolutionists Infuriated by Creation/Evolution Cartoon Shown in Public School.” *Christian News* 4 July posting (online text at christiannews.net accessed 7/5/2014).
- . 2014b. “‘We Will Not Tolerate Your Religion!’ School Fires Scientist for Questioning Evolution.” *Christian News* 24 July posting (online text at christiannews.net accessed 5/13/2015).
- . 2014c. “Renowned Chemist Says Evolutionists Do Not Understand the Origin of Life.” *Christian News* 13 October posting (online text at christiannews.net accessed 10/15/2014).
- Haley, John William.** 1874. *An Examination of the Alleged Discrepancies of the Bible*. Andover, MA: Warren F. Draper.
- Halfman, Carrin M., Ben A. Potter, Holly J. McKinney, Bruce P. Finney, Antonia T. Rodrigues, Dongya Y. Yang, & Brian M. Kemp.** 2015. “Early human use of anadromous salmon in North America at 11,500 y ago.” *Proceedings of the National*

- Academy of Sciences* **112** (6 October): 12344-12348.
- Halfmann, Randal, & Susan Lindquist.** 2010. "Epigenetics in the Extreme: Prions and the Inheritance of Environmentally Acquired Traits." *Science* **330** (29 October): 629-632.
- Halford, Graeme S., Steven Phillips, & William H. Wilson.** 2008. "The missing link: Dynamic, modifiable representations in working memory." *Behavioral and Brain Sciences* **31** (April): 137-138.
- Halfwerk, W., P. L. Jones, R. C. Taylor, M. J. Ryan, & R. A. Page.** 2014. "Risky Ripples Allow Bats and Frogs to Eavesdrop on a Multisensory Sexual Display." *Science* **343** (24 January): 413-416.
- Halgren, Matthew.** 2006. "A letter from a reader about **The intelligent design/evolution debate.**" *Princeton Alumni Weekly* (10 August): online text accessed 11/23/2013 (www.princeton.edu/paw).
- Hall, Alex.** 2014. "Projecting regional change." *Science* **346** (19 December): 1461-1462.
- Hall, Allan.** 2010. "Hitler's secret flying saucer: Did the Führer plan to attack London and New York in UFOs?" Daily Mail *Mail Online* posting 18 November: online text accessed 8/21/2012 (dailymail.co.uk).
- Hall, Barry G.** 1982a. "Evolution of a Regulated Operon in the Laboratory." *Genetics* **101** (July): 335-344.
- . 1982b. "Chromosomal Mutation for Citrate Utilization by *Escherichia coli* K-12." *Journal of Bacteriology* **151** (July, No. 1): 269-273.
- . 1991. "Adaptive evolution that requires multiple spontaneous mutations: Mutations involving base substitutions." *Proceedings of the National Academy of Sciences* **88** (1 July): 5882-5886.
- . 1993. "The role of single-mutant intermediates in the generation of trpAB double revertants during prolonged selection." *Journal of Bacteriology* **175** (October, No. 20): 6411-6414.
- . 1997. "On the Specificity of Adaptive Mutations." *Genetics* **145** (January): 39-44.
- . 1998. "Adaptive Mutagenesis at *ebgR* Is Regulated by PhoPO." *Journal of Bacteriology* **180** (June, No. 11): 2862-2865.
- . 1999. "Experimental evolution of Ebg enzyme provides clues about the evolution of catalysis and to evolutionary potential." Federation of European Microbiological Societies *FEMS Microbiology Letters* **174** (May): 1-8.
- . 2004a. "In Vitro Evolution Predicts that the IMP-1 Metallo- β -Lactamase Does Not Have the Potential To Evolve Increased Activity against Imipenem." *Antimicrobial Agents and Chemotherapy* **48** (March): 1032-1033.
- . 2004b. "Predicting the evolution of antibiotic resistance." *Nature Reviews Microbiology* **2** (May): 430-435.
- . 2006. "Simple and accurate estimation of ancestral protein sequences." *Proceedings of the National Academy of Sciences* **103** (4 April): 5431-5436.
- Hall, Barry G., & Miriam Barlow.** 2004. "Evolution of the serine β -lactamases: past, present and future." *Drug Resistance Updates* **7** (April): 111-123.
- Hall, Barry G., Paul W. Betts, & John C. Wooton.** 1989. "DNA Sequence Analysis of Artificially Evolved *ebg* Enzyme and *ebg* Repressor Genes." *Genetics* **123** (December): 635-648.
- Hall, Barry G., & Harmit S. Malik.** 1998. "Determining the Evolutionary Potential of a Gene." *Molecular Biology and Evolution* **15** (August): 1055-1061.
- Hall, Barry G., Stephen J. Salipante, & Miriam Barlow.** 2003. "The Metallo- β -Lactamases Fall into Two Distinct Phylogenetic Groups." *Journal of Molecular Evolution* **57** (September): 249-254.
- . 2004. "Independent Origins of Subgroup B1 + B2 and Subgroup B3 Metallo- β -Lactamases." *Journal of Molecular Evolution* **59** (July): 133-141.
- Hall, Brenda L., George H. Denton, Andrew G. Fountain, Chris H. Hendy, & Gideon M. Henderson.** 2010. "Antarctic lakes suggest millennial reorganizations of Southern Hemisphere atmospheric and oceanic circulation." *Proceedings of the National Academy of*

- Sciences* **107** (14 December): 21355-21359.
- Hall, Brian K.** 1975. "Evolutionary Consequences of Skeletal Differentiation." *Integrative and Comparative Biology* (AKA *American Zoologist*) **154** (Spring): 329-359.
- . 1992. "Waddington's legacy in development and evolution." *Integrative and Comparative Biology* (AKA *American Zoologist*) **32** (February): 113-122.
- . 1997. "Phylotypic stage or phantom: is there a highly conserved embryonic stage in vertebrates?" *Trends in Ecology & Evolution* **12** (December): 461-463.
- . 1999. "The paradoxical platypus." *BioScience* **49** (March): 211-218.
- . 2000. "Balfour, Garstang and de Beer: The first century of evolutionary embryology." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (November): 718-728.
- . 2003. "Evo-Devo: evolutionary developmental mechanisms." *International Journal of Developmental Biology* **47** (7/8): 491-495.
- , ed. 2007. *Fins into Limbs: Evolution: Evolution, Development, and Transformation*. Chicago: University of Chicago Press.
- . 2009. *The Neural Crest and Neural Crest Cells in Vertebrate Development and Evolution*. New York: Springer.
- . 2011. *Evolution: Principles and Processes*. Sudbury, MA: Jones & Bartlett Learning.
- . 2012. "Evolutionary Developmental Biology (Evo-Devo): Past, Present, and Future." *Evolution: Education & Outreach* **5** (June): 184-193.
- Hall, Brian K., Roy Douglas Pearson, & Gerd B. Müller**, eds. 2004. *Environment, Development and Evolution*. Cambridge, MA: A Bradford Book (MIT Press).
- Hall, Carl T.** 2002. "Nature's Diversity Beyond Evolution." *San Francisco Chronicle* (17 March) *Center for the Renewal of Science & Culture* posting (online text at discovery.org accessed 4/8/2002).
- Hall, Carolyn I., Michael L. Reese, Eranthie Weerapana, Matthew A. Child, Paul W. Bowyer, Victoria E. Albrow, Jeralyn D. Haraldsen, MacDonald R. Phillips, Edgar Deu Sandoval, Gary E. Ward, Benjamin F. Cravatt, John C. Boothroyd, & Matthew Bogyo.** 2011. "Chemical genetic screen identifies *Toxoplasma* DJ-1 as a regulator of parasite secretion, attachment, and invasion." *Proceedings of the National Academy of Sciences* **108** (28 June): 10568-10573.
- Hall, Dawn E., Philipp Zerbe, Sharon Jancsik, Alfonso Lara Quesada, Harpreet Dullat, Lina L. Madilao, Macaire Yuen, & Jörg Bohlmann.** 2013. "Evolution of Conifer Diterpene Synthases: Diterpene Resin Acid Biosynthesis in Lodgepole Pine and Jack Pine Involves Monofunctional and Bifunctional Diterpene Synthases." *Plant Physiology* **161** (February): 600-616.
- Hall, Deborah L., David C. Matz, & Wendy Wood.** 2010. "Why Don't We Practice What We Preach? A Meta-Analytic Review of Religious Racism." *Personality and Social Psychology Review* **14** (February): 126-139.
- Hall, J. M., & P. T. Robinson.** 1979. "Deep Crustal Drilling in the North Atlantic Ocean." *Science* **204** (11 May): 573-586.
- Hall, Kathleen B.** 2014. "Protein binding cannot subdue a lively RNA." *Nature* **506** (20 February): 303-304.
- Hall, Lars, Thomas Strandberg, Philip Pämamets, Andreas Lind, Betty Täming, & Petter Johansson.** 2013. "How the Polls Can Be Both Spot On and Dead Wrong: Using Choice Blindness to Shift Political Attitudes and Voter Intentions." *PLoS ONE* (online @ plosone.org) **8** (April): e60554.
- Hall, Margaret I.** 2008. "The anatomical relationships between the avian eye, orbit and sclerotic ring: implications for inferring activity patterns in extinct birds." *Journal of Anatomy* **212** (June): 781-794.
- Hall, Margaret I., E. Christopher Kirk, Jason M. Kamilar, & Matthew T. Carrano.** 2011. "Comment on 'Nocturnality in Dinosaurs Inferred from Scleral Ring and Orbit Morphology'." *Science* **334** (23 December): 1641.
- Hall, Marshall.** 2011a. "False Science & The Pharisee Religion: Satan's Ultimate Weapons Against The Bible And God." *The Earth Is Not Moving* undated posting (online text at

- www.fixedearth.com accessed 6/12/2011).
- . 2011b. “Intelligent Design Pitfalls: Is ‘ID’ A Genuine Threat To The Evolution Monopoly? Or Is It A Tricky Compromise To Save Factless Evolutionism?” *The Earth Is Not Moving* undated posting (online text at www.fixedearth.com accessed 6/12/2011).
- . 2011c. “The Theoretical Science Establishment Controls Cosmological and Biological Sciences Part III: Redshift And Infrared Technologies Are Being Used Fraudulently To Validate The Oversized Universe Required By Big Bang Cosmology.” *The Earth Is Not Moving* undated posting (online text at www.fixedearth.com accessed 6/12/2011).
- . 2011d. “Thirty-six Bristles.” *The Earth Is Not Moving* undated posting (online text at www.fixedearth.com accessed 6/12/2011).
- Hall, Matthew D., Luc F. Bussière, John Hunt, & Robert Brooks.** 2008. “Experimental Evidence That Sexual Conflict Influences the Opportunity, Form and Intensity of Sexual Selection.” *Evolution* **62** (September): 2305-2315.
- Hall, Norman F., & Lucia K. B. Hall.** 1986. “Is the War Between Science and Religion Over?” *Talk Reason* 5 June 2004 posting of *The Humanist* (May/June) article (online text at talkreason.org accessed 1/5/2004).
- Hall, Ralph.** 2010. “Hall Statement on Election Results and the 112th Congress.” 3 November posting (online text at gop.science.house.gov accessed 11/13/2010).
- Hall, Rikki.** 2009. “UT Professor Considers Legal Action Over Use Of Charles Darwin Bio.” *Knoxville Metro Pulse* (2 December): online text accessed 12/11/2009 (metropulse.com).
- . 2012. “Kingdom of Love: Creationists drop religion for intelligence.” *Knoxville Metro Pulse* (5 April): online text accessed 11/13/2012 (metropulse.com).
- Hall, Stephen S.** 2010. “Spirits of the Sand.” *National Geographic* **217** (March): 56-79.
- . 2013. “As the worm turns.” *Nature* **494** (21 February): 296-299.
- Hall, Steve.** 2012a. “The Bombardier Beetle.” *Abounding Joy* undated posting (online text at www.aboundingjoy.com accessed 11/23/2013).
- . 2012b. “Scientists on Evolution.” *Abounding Joy* undated posting (online text at www.aboundingjoy.com accessed 11/23/2013).
- Hall, Theodore D.** 2005. “A Swan Song for Neo-Darwinism.” *Biofractal Evolution* posting (online pdf at biofractalevolution.com accessed 7/15/2009, not available as of 1/19/2017).
- Hall, Traci M. Tanaka, Jeffery A. Porter, Keith E. Young, Eugene V. Koonin, Philip A. Beachy, & Daniel J. Leahy.** 1997. “Crystal Structure of a Hedgehog Autoprocessing Domain: Homology between Hedgehog and Self-Splicing Proteins.” *Cell* **91** (3 October): 85-97.
- Hallam, A.** 1975. “Alfred Wegener and the Hypothesis of Continental Drift.” *Scientific American* **232** (February): 88-97.
- Hallast, Pille, Kristiina Rull, & Maris Laan.** 2007. “The evolution and genomic landscape of *CGB1* and *CGB2* genes.” *Molecular and Cellular Endocrinology* **260-262** (January): 2-11.
- Hallatschek, Oskar.** 2011. “The noisy edge of traveling waves.” *Proceedings of the National Academy of Sciences* **108** (1 February): 1783-1787.
- Hallee The Homemaker.** 2009a. “Paradigm Shift—or—The Death of a Nimrod.” *Hallee The Homemaker* posting by her husband Gregg 26 September (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2009b. “Micro-Evolution=Changes Within Kind.” *Hallee The Homemaker* posting by her husband Gregg 25 October (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2009c. “Cosmic Evolution Part III.” *Hallee The Homemaker* posting by her husband Gregg 15 November (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2009d. “Stellar Evolution Part I.” *Hallee The Homemaker* posting by her husband Gregg 29 November (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2009e. “Stellar Evolution Part II.” *Hallee The Homemaker* posting by her husband Gregg 6 December (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2009f. “Stellar Evolution Part III.” *Hallee The Homemaker* posting by her husband Gregg 13 December (online text at halleethehomemaker.com accessed 12/24/2010).

- . 2009g. “All Things New Again.” *Hallee The Homemaker* posting by her husband Gregg 27 December (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010a. “Good Old Young Universe Part I.” *Hallee The Homemaker* posting by her husband Gregg 3 January (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010b. “Good Old Young Universe Part II.” *Hallee The Homemaker* posting by her husband Gregg 10 January (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010c. “Good Old Young Universe Part IV.” *Hallee The Homemaker* posting by her husband Gregg 24 January (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010d. “Good Old Young Universe Part VI.” *Hallee The Homemaker* posting by her husband Gregg 7 February (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010e. “Darwinian Evolutionary Frauds Pt. I.” *Hallee The Homemaker* posting by her husband Gregg 13 June (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010f. “Darwinian Evolutionary Frauds Pt. II.” *Hallee The Homemaker* posting by her husband Gregg 20 June (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010g. “Darwinian Evolutionary Frauds Pt. III.” *Hallee The Homemaker* posting by her husband Gregg 27 June (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010h. “Darwinian Evolutionary Frauds Pt. IV.” *Hallee The Homemaker* posting by her husband Gregg 11 July (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010i. “Darwinian Evolutionary Frauds Pt. VI.” *Hallee The Homemaker* posting by her husband Gregg 1 August (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010j. “We Interrupt this Series...” *Hallee The Homemaker* posting by her husband Gregg 8 August (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010k. “Darwinian Evolutionary Frauds Pt. IX.” *Hallee The Homemaker* posting by her husband Gregg 29 August (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010l. “Darwinian Evolutionary Frauds Pt. XII.” *Hallee The Homemaker* posting by her husband Gregg 26 September (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010m. “Darwinian Evolutionary Frauds Pt. XIII.” *Hallee The Homemaker* posting by her husband Gregg 3 October (online text at halleethehomemaker.com accessed 12/24/2010).
- . 2010n. “Darwinian Evolutionary Frauds Pt. XVII.” *Hallee The Homemaker* posting by her husband Gregg 26 December (online text at halleethehomemaker.com accessed 1/30/2014).
- Halley, John M., & Yoh Iwasa.** 2011. “Neutral theory as a predictor of avifaunal extinctions after habitat loss.” *Proceedings of the National Academy of Sciences* **108** (8 February): 2316-2321.
- Halliday, Alex N.** 2006. “The Origin of the Earth: What’s New?” *Elements* **2** (August): 205-210.
- . 2012. “The Origin of the Moon.” *Science* **338** (23 November): 1040-1041.
- Halliday, Alex N., & Michael J. Drake.** 1999. “Colliding Theories.” *Science* **283** (19 March): 1861-1863.
- Halliday, Alex N., & Thorsten Kleine.** 2006. “Meteorites and the Timing, Mechanisms, and Conditions of Terrestrial Planet Accretion and Early Differentiation,” in Laurretta & McSween (2006, 775-801).
- Halliday, Alex N., & Bernard J. Wood.** 2009. “How Did Earth Accrete?” *Science* **325** (3 July): 44-45.
- Halliday, Thomas John Dixon, & Anjali Goswami.** 2016. “Eutherian morphological disparity across the end-Cretaceous mass extinction.” *Biological Journal of the Linnean Society* **118** (May): 152-168.
- Halligan, Jessi J., Michael R. Waters, Angelina Perrotti, Ivy J. Owens, Joshua M. Feinberg, Mark D. Bourne, Brendan Fenerty, Barbara Winsborough, David Carlson, Daniel C. Fisher, Thomas W. Stafford Jr., & James S. Dunbar.** 2016. “Pre-Clovis occupation 14,550 years ago at the Page-Ladson site, Florida, and the people of the Americas.” *Science Advances* **2** (13 May): e1600375 (online at sciencemag.org).
- Halliman, Elizabeth V., & Valerie A. Kuhlmeier.** 2008. “Ontogeny, phylogeny, and the

- relational reinterpretation hypothesis.” *Behavioral and Brain Sciences* **31** (April): 138-139.
- Hallis, Lydia J., Gary R. Huss, Kazuhide Nagashima, G. Jeffrey Taylor, Sæmundur A. Halldórsson, David R. Hilton, Michael J. Mottl, & Karen J. Meech.** 2015. “Evidence for primordial water in Earth’s deep mantle.” *Science* **350** (13 November): 795-797.
- Hallmann, Kerstin, Alexei P. Kudin, Gábor Zsurka, Cornelia Kornblum, Jens Reimann, Burkhard Stüve, Stephan Waltz, Elke Hattingen, Holger Thiele, Peter Nürnberg, Cornelia Rüb, Wolfgang Voos, Jens Kopatz, Harald Neumann, & Wolfram S. Kunz.** 2016. “Loss of the smallest subunit of cytochrome *c* oxidase, COX8A, causes Leigh-like syndrome and epilepsy.” *Brain* **139** (February): 338-345.
- Hallock, Pamela.** 2005. “Global change and modern coral reefs: New opportunities to understand shallow-water carbonate depositional processes.” *Sedimentary Geology* **175** (15 April): 19-33.
- Hallowell, Billy.** 2012a. “Exclusive: Historian David Barton Responds to Critics Amid ‘Jefferson Lies’ Book Controversy.” *The Blaze* 13 August posting (online text at www.theblaze.com accessed 8/22/2013).
- . 2012b. “David Barton vs. His Critics: TheBlaze’s Extensive Analysis of Their Claims & Thomas Jefferson’s Faith.” *The Blaze* 15 August posting (online text at www.theblaze.com accessed 8/22/2013).
- . 2013a. “Creationist Offers \$10,000 to Any Evolutionist Who Can Scientifically Disprove Genesis in Court.” San Antonio Bible-Based Science Association *Communiqué* (April) reprint of 27 March *The Blaze* posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2013b. “Teacher Fired After Allegedly Criticizing Evolution and Refusing to Remove Religious Posters Loses Latest Court Battle.” *The Blaze* 20 November posting (online text at www.theblaze.com accessed 11/5/2016).
- . 2014a. “College Rejects Christian Student Who Mentioned God in His Interview—Read the Email That Sparked His Discrimination Lawsuit.” *The Blaze* 28 April posting (online text at www.theblaze.com accessed 11/25/2014).
- . 2014b. “Christian Printer Was Punished After Refusing to Print Gay Pride T-Shirts—and Now He’s Fighting Back.” *The Blaze* 10 December posting (online text at www.theblaze.com accessed 12/15/2014).
- Hallquist, Chris.** 2009. “The Plantinga-Dennett debate.” *The Uncredible Hallq* 4 March posting (online text at www.uncrediblehallq.net accessed 3/7/2012).
- . 2011. “The Mike Licona kerfluffle, and what it tells us about Evangelicals and inerrancy.” *The Uncredible Hallq* 15 November posting (online text at www.uncrediblehallq.net accessed 11/2/2013).
- Hallström, Björn M., & Axel Janke.** 2010. “Mammalian Evolution May not Be Strictly Bifurcating.” *Molecular Biology and Evolution* **7** (December): 2804-2816.
- Hallström, Per.** 1928. Presentation Speech (10 December) by the President of the Nobel Committee awarding Henri Bergson the 1927 Nobel Prize in Literature (online text at nobelprize.org/nobel_prizes/literature/laureates/1927/press.html accessed 12/21/2009).
- Halper, Katie.** 2015. “Romance tips from an end-time pastor: Demons tortute married couple who practice ‘woman on top’.” *The Raw Story* “Halp Yourself” 18 February posting (online text at www.rawstory.com accessed 2/18/2015).
- Halperin, Eran, Alexandra G. Russell, Carol S. Dweck, & James J. Gross.** 2011. “Anger, Hatred, and the Quest for Peace: Anger Can Be Constructive in the Absence of Hatred.” *The Journal of Conflict Resolution* **55** (April): 274-291.
- Halpern, Diane F., Lise Eliot, Rebecca S. Bigler, Richard A. Fabes, Laura D. Hanish, Janet Hyde, Lynn S. Liben, & Carol Lynn Martin.** 2011. “The Pseudoscience of Single-Sex Schooling.” *Science* **333** (23 September): 1706-1707.
- Halsmer, D., J. Asper, N. Roman, & T. Todd.** 2008. “The coherence of an engineered world,” in Brebbia (2008, 311-325).
- Halverson, Kristy Lynn.** 2011. “Improving Tree-Thinking One Learnable Skill at a Time.” *Evolution: Education & Outreach* **4** (March): 95-106.
- Ham, Jeremy.** 2011. “Did Jesus Contradict Himself by Calling People Fools?” *Answers in*

- Genesis 13 December Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- Ham, Ken.** 1993. "The Chasm Is Widening." Institute for Creation Research *Acts & Facts* (February): online text accessed 1/24/2015 (icr.org).
- . 1997. "Demolishing 'straw men'." *Answers in Genesis Creation* **19** (September): 13-15.
- . 1998a. "A young Earth—it's not the issue!" *Answers in Genesis* posting of January *AIG-USA Newsletter* article (online text at answersingenesis.org accessed 1/11/2005).
- . 1998b. *The Great Dinosaur Mystery SOLVED!* Green Forest, AR: Master Books.
- . 1998c. "French Creation: Interview with French Scientist Dr Andrew Eggen." *Answers in Genesis Creation* **20** (September): 17-19.
- . 1999. "Dinosaurs and the Bible." *Answers in Genesis* 5 November posting (online text at answersingenesis.org accessed 2/17/2015).
- . 2000. "Mount St. Helens—Evidence for Genesis!" *Answers in Genesis* 17 May posting (online text at answersingenesis.org accessed 2/22/2014).
- . 2002. "Chapter 8: The Evolution Connection." *Answers in Genesis* 1 July *Why Won't They Listen? The Power of Creation Evangelism* posting (online text at www.answersingenesis.org accessed 7/5/2014).
- . 2003a. "Don't answer—do answer!" *Answers in Genesis* 15 March posting (online text at answersingenesis.org accessed 4/11/2003).
- . 2003b. "Did God Create Poodles?" *Answers in Genesis* 1 September posting (online text at answersingenesis.org accessed 1/21/2014).
- . 2004. "Dinosaurs and the Bible." *Answers in Genesis* undated posting (online text at answersingenesis.org accessed 1/11/2005).
- . 2008a. "Do I Believe in UFOs? Absolutely!" *Answers in Genesis Answers Magazine* (January-March): 60-63.
- . 2008b. "Special Museum Visitors." *Answers in Genesis* 17 April posting (online text at answersingenesis.org accessed 4/14/2014).
- . 2008c. "Darwin's Garden." *Answers in Genesis* 11 December posting of *One Race One Blood* Chapter 1 (online text at answersingenesis.org accessed 12/17/2016).
- . 2008d. "The True Origin of the Species." *Answers in Genesis* 26 December posting of *One Race One Blood* Chapter 3 (online text at answersingenesis.org accessed 12/17/2016).
- . 2009a. "The Human Kind." *Answers in Genesis* 1 January posting of *One Race One Blood* Chapter 4 (online text at answersingenesis.org accessed 12/17/2016).
- . 2009b. "One Blood." *Answers in Genesis* 8 January posting of *One Race One Blood* Chapter 5 (online text at answersingenesis.org accessed 12/17/2016).
- . 2009c. "One Flesh." *Answers in Genesis* 15 January posting of *One Race One Blood* Chapter 6 (online text at answersingenesis.org accessed 12/17/2016).
- . 2009d. "Darwin's Sad Legacy." *Answers in Genesis* 23 March posting (online text at www.answersingenesis.org accessed 2/9/2011).
- . 2009e. "The Day 285 Atheists/Agnostics Visited the Creation Museum." *Around the World with Ken Ham* blog 8 August posting (online text at blogs.answersingenesis.org accessed 1/26/2013).
- . 2009f. "Can University of Minnesota Professors' Research Be Trusted?" *Around the World with Ken Ham* blog 11 August posting (online text at blogs.answersingenesis.org accessed 1/26/2013).
- . 2009g. "A Judge's Judgment." *Around the World with Ken Ham* blog 24 November posting (online text at blogs.answersingenesis.org accessed 5/16/2013).
- . 2010. "Maturing the Message." *Answers in Genesis Answers Magazine* (January-March): 60-63.
- . 2011a. "Does the Gospel Depend on a Young Earth?" *Answers in Genesis Answers Magazine* (January-March): 38-40.
- . 2011b. "Christian Leader Criticizes Creation Museum." *Worldview Weekend Foundation Worldview Times* 17 July posting (online text at worldviewweekend.com accessed 3/30/2013).
- . 2011c. "Call for UK to Ban Creation in Schools—Saying It Is 'Dangerous'." *Around the*

- World with Ken Ham* blog 21 September posting (online text at blogs.answersingenesis.org accessed 9/27/2011).
- . 2012a. “Lawsuit over Academic Freedom.” *Around the World with Ken Ham* blog 10 January posting (online text at blogs.answersingenesis.org accessed 2/26/2014).
- . 2012b. “Leading Educator Visits the Creation Museum.” *Around the World with Ken Ham* blog 23 March posting (online text at blogs.answersingenesis.org accessed 3/30/2013).
- . 2012c. “Kentucky Horses That Will Lead You Astray.” *Around the World with Ken Ham* blog 28 April posting (online text at blogs.answersingenesis.org accessed 4/30/2012).
- . 2012d. “Compare the Billboards: Creationists vs. Atheists.” *Around the World with Ken Ham* blog 13 June posting (online text at blogs.answersingenesis.org accessed 6/13/2012).
- . 2012e. “We Are Publicly Challenging Bill Nye to a Debate.” *Around the World with Ken Ham* blog 8 September posting (online text at blogs.answersingenesis.org accessed 9/9/2012).
- . 2013a. “Evolutionists Already Trying to Do ‘Damage Control’.” *Around the World with Ken Ham* blog 10 July posting (online text at blogs.answersingenesis.org accessed 7/13/2013).
- . 2013b. “Who Is Dan Phelps?” *Around the World with Ken Ham* blog 19 October posting (online text at blogs.answersingenesis.org accessed 10/23/2013).
- . 2014. “Ken Ham of Answers in Genesis posted on Facebook his reaction to watching the Paramount film ‘Noah’.” *Tennessee Christian News* 27 March posting (online text at tnchristiannews.wordpress.com accessed 3/28/2014).
- . 2015a. “Carnival Cruise Corporation—Blatant Use of Evolution for Super Bowl Advertisement.” *Around the World with Ken Ham* blog 2 February posting (online text at blogs.answersingenesis.org accessed 2/2/2015).
- . 2015b. “Bill Nye Program (Unwittingly) Praises Creationist Research.” *Answers in Genesis* 6 March posting (online text at answersingenesis.org accessed 3/6/2015).
- . 2015c. “Nepal Suffering After Major Earthquake.” *Ken Ham Blog* 30 April posting (online text at answersingenesis.org accessed 4/30/2015).
- . 2015d. “Marriage—Why Two? Why Not Three or More?” *Ken Ham Blog* 1 June posting (online text at answersingenesis.org accessed 6/12/2016).
- . 2015e. “Is Religion ‘Harmful Superstition’?” *Ken Ham Blog* 13 June posting (online text at answersingenesis.org accessed 6/15/2015).
- . 2015f. “The Inconsistencies of Climate-Change Alarmists.” *Ken Ham Blog* 25 October posting (online text at answersingenesis.org accessed 10/26/2015).
- . 2016a. “Discovery of King Hezekiah’s Seal Confirms God’s Word.” *Ken Ham Blog* 12 January posting (online text at answersingenesis.org accessed 1/12/2016).
- . 2016b. “Scientists Discover Camouflaged Dinosaur.” *Answers in Genesis* 26 September posting (online text at answersingenesis.org accessed 9/26/2016).
- . 2016c. “Science and the Bible can help ease racial tensions.” *Religion News Service* 5 October posting (online text at www.religionnews.com accessed 10/6/2016).
- Ham, Ken, & Steve Golden.** 2013. “The Legacy of Brainwashing.” *Answers in Genesis* posting 21 January (online text at answersingenesis.org accessed 3/24/2013).
- Ham, Ken, & Mark Looy.** 2013. “Intolerant Atheists Viciously Attack Christian School.” *Answers in Genesis* posting 30 April (online text at answersingenesis.org accessed 5/1/2013).
- Ham, Ken, & Tim Lovett.** 2007. “Was There Really a Noah’s Ark & Flood?” *Answers in Genesis* posting 11 October (online text at answersingenesis.org accessed 1/27/2011).
- Ham, Ken, & Roger Patterson.** 2013. “Should Christians Be Pushing to Have Creation Taught in Government Schools?” *Answers in Genesis* 17 September posting of *The New Answers Book* 3 Chapter 3 (online text at www.answersingenesis.org accessed 2/17/2015).
- Ham, Ken, Jonathan Sarfati, & Carl Wieland,** ed. Don Batten. 2000. *The Revised & Expanded Answers Book*. 2004 pb ed. (rev. from 1990). Green Forest, AR: Master Books.
- Ham, Ken, & Carl Wieland.** 2001. “A whale of a tale.” *Answers in Genesis Creation* 23 (September): 10-14.

- Ham, William T. Jr., Harold A. Mueller, John J. Ruffolo Jr., DuPont Guerry III, A., & R. Kennon Guerry.** 1982. "Action Spectrum for Retinal Injury from Near-Ultraviolet Radiation in the Aphakic Monkey." *American Journal of Ophthalmology* **93** (March): 299-306.
- Hamacher, Kay, Timo Greiner, Hiroyuki Ogata, James L. Van Etten, Manuela Gebhardt, Luis P. Villarreal, Cristian Cosentino, Anna Moroni, & Gerhard Thiel.** 2012. "Phycodnavirus Potassium Ion Channel Proteins Question the Virus Molecular Piracy Hypothesis." *PLoS ONE* (online @ plosone.org) **7** (June): e38826.
- Hamad, Stevan.** 2011. "Deceiving ourselves about self-deception." *Behavioral and Brain Sciences* **34** (1): 25-26.
- Hamade, Tristan, Kurt O. Konhauser, Rob Raiswell, Sarah Goldsmith, & Richard C. Morris.** 2003. "Using Ge/Si ratios to decouple iron and silica fluxes in Precambrian banded iron formations." *Geology* **31** (January): 35-38.
- Hamann, Katharina, Felix Warneken, Julia R. Greenberg, & Michael Tomasello.** 2011. "Collaboration encourages equal sharing in children but not in chimpanzees." *Nature* **476** (18 August): 328-331.
- Hamano-Takaku, Fumie, Toshiharu Iwama, Shio Saito-Yano, Kazuaki Takaku, Yoshiaki Monden, Makoto Kitabatake, Dieter Söll, & Susumu Nishimura.** 2000. "A Mutant *Escherichia coli* Tyrosyl-tRNA Synthetase Utilizes the Unnatural Amino Acid Azatyrosine More Efficiently than Tyrosine." *The Journal of Biological Chemistry* **275** (22 December): 40324-40328.
- Hamas Covenant.* 1988. "The Covenant of the Islamic Resistance Movement." *The Avalon Project* posting (online text at avalon.law.yale.edu accessed 8/13/2014).
- Hambäck, Peter A.** 2010. "A Green or a Prickly World?" *Science* **327** (26 March): 1583-1584.
- Hambaryan, V. V., & R. Neuhäuser.** 2013. "A Galactic short gamma-ray burst as cause for the ¹⁴C peak in AD 774/5." *Monthly Notices of the Royal Astronomical Society* **430** (21 March): 32-36.
- Hamblin, Alden H., Sue Ann Bilbey, & James Evan Hall.** 2000. "Prehistoric Animal Tracks at Red Fleet State Park, Northeastern Utah." Utah Geological Association Millennium Guidebook *Geology of Utah's Parks and Monuments*: 1-10.
- Hamblin, Martha T., Emma E. Thompson, & Anna Di Rienzo.** 2002. "Complex Signatures of Natural Selection at the Duffy Blood Group Locus." *The American Journal of Human Genetics* **70** (February): 369-383.
- Hamblin, W. K., & Laura Hamblin.** 1997. "Fire and Water: The Making of the Grand Canyon." *Natural History* **106** (September): 34-41.
- Hamblin, William J.** 1993. "Basic Methodological Problems with the Anti-Mormon Approach to the Geography and Archaeology of the Book of Mormon." *Journal of Book of Mormon Studies* **2** (1): 161-197.
- Hamburger, Philip.** 2002. *Separation of Church and State*. Cambridge, MA: Harvard University Press.
- Hamby, Brooks.** 2014. "Brawley UHSD Student Prayer at Graduation Student 3rd Draft." *Liberty Institute* posting (online pdf at www.libertyinstitute.org accessed 6/17/2014).
- Hamby, Lou.** 2011. "Local flood, animal dispersion, Genesis cities and family less than 200 years after Noah?" *Creation Conversations* 28 May posting (online text at www.creationconversations.com accessed 7/26/2011).
- Hamdan, Samir M., Joseph J. Loparo, Masateru Takahashi, Charles C. Richardson, & Antoine M. van Oijen.** 2009. "Dynamics of DNA replication loops reveal temporal control of lagging-strand synthesis." *Nature* **457** (15 January): 336-339.
- Hameed, Salman.** 2008. "Bracing for Islamic Creationism." *Science* **322** (12 December): 1637-1638.
- . 2009a. "Mustafa Akyol's clarification on evolution." *Irtiqa* 2 June posting (online text at www.irtiqa-blog.com accessed 1/31/2014).
- . 2009b. "Making sense of Al Jazeera's strange coverage of 'Ardi'." *Irtiqa* 13 October posting (online text at www.sciencereigionnews.blogspot.com accessed 2/10/2011).

- . 2010a. “Critiquing l’jaz – the claim of ‘scientific miracles in the Qu’ran’.” *Irtiqa* 1 March posting (online text at www.sciencereligionnews.blogspot.com accessed 2/10/2011).
- . 2010b. “Nonsense about Mars from Pakistan’s Business Recorder.” *Irtiqa* 11 April posting (online text at www.sciencereligionnews.blogspot.com accessed 2/10/2011).
- . 2010c. “‘Science in the Quar’an’ ... in Algiers.” *Irtiqa* 12 April posting (online text at www.sciencereligionnews.blogspot.com accessed 2/10/2011).
- . 2011. “Add Congressman Jack Kingston to the creationist column.” *Irtiqa* 30 January posting (online text at www.sciencereligionnews.blogspot.com accessed 2/10/2011).
- . 2013. “Muslim thought on evolution takes a step forward.” *The Guardian* posting 11 January (online text at theguardian.com accessed 1/18/2016).
- . 2015. “Making sense of Islamic creationism in Europe.” *Public Understanding of Science* **24** (May): 388-399.
- Hamer, Dean.** 2004. *The God Gene: How Faith Is Hardwired into Our Genes*. New York: Doubleday.
- Hamer, D. H., S. Hu, V. L. Magnuson, & A. M. Pattatucci.** 1993. “A Linkage Between DNA Markers on the X Chromosome and Male Sexual Orientation.” *Science* **261** (16 July): 321-327.
- Hameroff, Stuart.** 1997. “Quantum Vitalism.” *Advances: The Journal of Mind-Body Health* **13** (4): 13-22.
- . 1998. “Quantum computation in brain microtubules? The Penrose-Hameroff ‘Orch OR’ model.” *Philosophical Transactions of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **356** (August): 1869-1896.
- Hameroff, Stuart R., Travis J. A. Craddock, & Jack A. Tuszynski.** 2014. “Quantum effects in the understanding of consciousness.” *Journal of Integrative Neuroscience* **13** (June): 229-252.
- Hameroff, Stuart, & Roger Penrose.** 1996. “Orchestrated reduction of quantum coherence in brain microtubules: A model for consciousness.” *Mathematics and Computers in Simulation* **40** (April): 453-480.
- . 2014a. “Consciousness in the universe: A review of the ‘Orch OR’ theory.” *Physics of Life Reviews* **11** (March): 39-78.
- . 2014a. “Reply to criticism of the ‘Orch OR qubit’—‘Orchestrated objective reduction’ is scientifically justified.” *Physics of Life Reviews* **11** (March): 104-112.
- Hamers, Laurel.** 2016. “Why do cells’ power plants hang on to their own genomes?” *Science* **351** (26 February): 903.
- Hamet, Jean, Noboru Nakamura, Daniel M. Unruh, & Mitsunobu Tatsumoto.** 1978. “Origin and history of the cumulate eucrite Moama as inferred from REE abundances, Sm-Nd and U-Pb systematics.” *Proceedings of the Lunar and Planetary Science Conferences* **9**: 1115-1136.
- Hamilton, Allan J.** 2008. *The Scalpel and the Soul: Encounters with Surgery, the Supernatural, and the Healing Power of Hope*. New York: Jeremy P. Tarcher (Penguin Group).
- Hamilton, Andrew J., Robert M. May, & Edward K. Waters.** 2015. “Here be dragons.” *Nature* **520** (2 April): 42-43.
- Hamilton, Floyd E.** 1935. “Can a Christian Student Rationally Reject Evolution in the Light of Modern Science?” *The Evangelical Student* **IX-X** (January): 22-28.
- Hamilton, Jon, Alix Spiegel, & Shankar Vedantam.** 2012. “Inconsistency: The Real Hobgoblin.” *NPR Shots – Health Blog* 5 March posting (online text at www.npr.org accessed 3/5/2012).
- Hamilton, Lawrence C., Joel Hartter, & Kei Saito.** 2015. “Trust in Scientists on Climate Change and Vaccines.” *SAGE Open* (online @ sgo.sagepub.com) **2015** (July-September): 1-13.
- Hamilton, M. A., D. G. Pearson, R. N. Thompson, S. P. Kelley, & C. H. Emeleus.** 1998. “Rapid eruption of Skye lavas inferred from precise U-Pb and Ar-Ar dating of the Rum and Cuillin plutonic complexes.” *Nature* **394** (16 July): 260-263.
- Hamilton, Marcus J., Oskar Burger, John P. DeLong, Robert S. Walker, Melanie E. Moses,**

- & **James H. Brown.** 2009. "Population stability, cooperation, and the invisibility of the human species." *Proceedings of the National Academy of Sciences* **106** (28 July): 12255-12260.
- Hamilton, R. Kelly.** 2012. Reply Brief of Appellant (23 October) re: *John Freshwater v. Mount Vernon City School District Board of Education* (online pdf via www.sconet.state.oh.us accessed 10/31/2012).
- Hamilton, R. Kelly, & Rita M. Dunaway.** 2012. "Appellant's Merit Brief" (August) in the Ohio Supreme Court re: *John Freshwater v. Mount Vernon City School District Board of Education* (online pdf via www.rutherford.org accessed 1/9/2014).
- Hamilton, Warren B.** 1998. "Archean magmatism and deformation were not products of plate tectonics." *Precambrian Research* **91** (August): 143-179.
- Hamilton, W. D.** 2000. "A review of *Dysgenics: Genetic Deterioration in Modern Populations*." *Annals of Human Genetics* **64** (4): 363-374.
- Hamlin, J. Kiley, Karen Wynn, & Paul Bloom.** 2007. "Social evaluation by preverbal infants." *Nature* **450** (22 November): 557-559.
- Hamlin, J. Kiley, Karen Wynn, Paul Bloom, & Neha Mahajan.** 2011. "How infants and toddlers react to antisocial others." *Proceedings of the National Academy of Sciences* **108** (13 December): 19931-19936.
- . 2012. "Reply to Scarf et al.: Nuanced social evaluation: Association doesn't compute." *Proceedings of the National Academy of Sciences* **109** (29 May): E1427.
- Hamm, Giles, Peter Mitchell, Lee J. Arnold, Gavin J. Prideaux, Daniele Questiaux, Nigel A. Spooner, Vladimir A. Levchenko, Elizabeth C. Foley, Trevor H. Worthy, Birgitta Stephenson, Vincent Coulthard, Clifford Coulthard, Sophia Wilton, & Duncan Johnston.** 2016. "Cultural innovation and megafauna interaction in the early settlement of arid Australia." *Nature* **539** (10 November): 280-283.
- Hammer, Michael F.** 1995. "A recent common ancestry for human Y chromosomes." *Nature* **378** (23 November): 376-378.
- Hammer, Michael F., August E. Woerner, Fernando L. Mendez, Joseph C. Watkins, & Jeffrey D. Wall.** 2011. "Genetic evidence for archaic admixture in Africa." *Proceedings of the National Academy of Sciences* **108** (13 September): 15123-15128.
- Hammer, Øyvind, & Hugo Bucher.** 2005. "Models for the morphogenesis of the molluscan shell." *Lethaia* **38** (March): 67-72.
- Hammerschlag, Annika.** 2017. "Teaching of evolution, climate change at stake in Naples legislator Donalds' bill." *Naples Daily News* (Naples, Florida) updated posting 11 March: online text accessed 3/12/2017 (www.naplesnews.com).
- Hammerschmidt, Katrin, Caroline J. Rose, Benjamin Kerr, & Paul B. Rainey.** 2014. "Life cycles, fitness decoupling and the evolution of multicellularity." *Nature* **515** (6 November): 75-79.
- Hammond, Allen L.** 1974. "Exploring the Solar System (III): Whence the Moon?" *Science* **186** (6 December): 911-913.
- Hammond, J. G., & J. L. Wooden.** 1990. "Isotopic constraints on the petrogenesis of Proterozoic diabase in Southwestern USA," in Parker *et al.* (1990, 145-156).
- Hammond, Jennifer, & David Stolper.** 2010. "Science literacy in Australia." *Auspoll* poll (prepared for Federation of Australian Scientific and Technological Societies and Australian Academy of Science) posted 26 July (online text at facts.org accessed 8/6/2010).
- Hammond, Susan E., & Christopher M. Berry.** 2005. "A new species of *Tetraxylopteris* (Aneurophytales) from the Devonian of Venezuela." *Botanical Journal of the Linnean Society* **148** (July): 275-303.
- Hammond, Thomas M., David G. Rehard, Hua Xiao, & Patrick K. T. Shiu.** 2012. "Molecular dissection of *Neurospora* Spore killer meiotic drive elements." *Proceedings of the National Academy of Sciences* **109** (24 July): 12093-12098.
- Hammond, William C., Geoffrey Blewitt, Zhenhong Li, Hans-Peter Plag, & Corné Kreemer.** 2012. "Contemporary uplift of the Sierra Nevada, western United States, from GPS and InSAR measurements." *Geology* **40** (July): 667-670.

- Hamoen, Leendert W., & Jeffrey Errington.** 2003. “Polar Targeting of DivIVA in *Bacillus subtilis* Is Not Directly Dependent on FtsZ or PBP 2B.” *Journal of Bacteriology* **185** (January, No. 2): 693-697.
- Hampe, Oliver, & Sven Baszio.** 2010. “Relative warps meet cladistics: A contribution to the phylogenetic relationships of baleen whales based on landmark analyses of mysticete crania.” *Czech Geological Survey Bulletin of Geosciences* **85** (2): 199-218.
- Hampel, W., H. Wänke, H. Hofmeister, B. Spettel, & G. F. Herzog.** 1980. “²⁶Al and rare gases in Allende, Bereba and Juvinas: Implications for production rates.” *Geochimica et Cosmochimica Acta* **44** (March): 539-547.
- Hampfl, Vladimir, Jeffrey D. Silberman, Alexandra Stechmann, Sara Diaz-Triviño, Patricia J. Johnson, & Andrew J. Roger.** 2008. “Genetic Evidence for a Mitochondriate Ancestry in the ‘Amitochondriate’ Flagellate *Trimastix pyriformis*.” *PLoS ONE* (online @ plosone.org) **3** (January): e1383.
- Hampshire, Adam, Roger R. Highfield, Beth L. Parkin, & Adrian M. Owen.** 2012. “Fractioning Human Intelligence.” *Neuron* **76** (20 December): 1225-1237.
- Hampton, Robert R.** 2001. “Rhesus monkeys know when they remember.” *Proceedings of the National Academy of Sciences* **98** (24 April): 5359-5362.
- Han, Bo W., Wei Wang, Chengjian Li, Zhiping Weng, & Phillip D. Zamore.** 2015. “piRNA-guided transposon cleavage initiates Zucchini-dependent, phased piRNA production.” *Science* **348** (15 May): 817-821.
- Han, Da Xiong, Hai Yan Wang, Zhi Liang Ji, An Fu Hu, & Yu Fen Zhao.** 2010. “Amino Acid Homochirality May be Linked to the Origin of Phosphate-Based Life.” *Journal of Molecular Evolution* **70** (May): 572-582.
- Han, Demin, Kaiya Zhou, & Aaron M. Bauer.** 2004. “Phylogenetic relationships among gekkotan lizards inferred from *C-mos* nuclear DNA sequences and a new classification of the Gekkota.” *Biological Journal of the Linnean Society* **83** (November): 353-368.
- Han, Fenglu, Wenjie Zheng, Dongyu Hu, Xing Xu, & Paul M. Barrett.** 2014. “A New Basal Ankylosaurid (Dinosauria: Ornithischia) from the Lower Cretaceous Jiufotang Formation of Liaoning Province, China.” *PLoS ONE* (online @ plosone.org) **9** (August): e104551.
- Han, Gang, Luis M. Chiappe, Shu-An Ji, Michael Habib, Alan H. Turner, Anusuya Chinsamy, Xueling Liu, & Lizhuo Han.** 2014. “A new raptorial dinosaur with exceptionally long feathering provides insights into dromaeosaurid flight performance.” *Nature Communications* (online @ nature.com) **5** (15 July): 4382.
- Han, Gang, & Jin Meng.** 2016. “A new spalacolestine mammal from the Early Cretaceous Jehol Biota and implications for morphology, phylogeny, and palaeobiology of Laurasian ‘symmetrodontans’.” *Zoological Journal of the Linnean Society* **178** (October): 343-380.
- Han, Jian, Simon Conway-Morris, Qiang Ou, Degan Shu, & Hai Huang.** 2017. “Meiofaunal deuterostomes from the basal Cambrian of Shaanxi (China).” *Nature* **542** (9 February): 228-231.
- Han, Jian, Shin Kubota, Hiro-omi Uchida, George D. Stanley Jr., Xiaoyong Yao, Degan Shu, Yong Li, & Kinya Yasui.** 2010. “Tiny Sea Anemone from the Lower Cambrian of China.” *PLoS ONE* (online @ plosone.org) **5** (October): e13276.
- Han, Jian-Chiu.** 2017. “Comment on ‘Outburst flood at 1920 BCE supports historicity of China’s Great Flood and the Xia dynasty’.” *Science* **355** (31 March): 1382.
- Han, Shihui.** 2010. “Cultural Differences in Thinking Styles,” in Glatzeder *et al.* (2010, 279-289).
- Han, Shihui, Xiaosi Gu, Lihua Mao, Jianqiao Ge, Gang Wang, & Yina Ma.** 2010. “Neural substrates of self-referential processing in Chinese Buddhists.” *Social Cognitive & Affective Neuroscience* **5** (June): 332-339.
- Han, Thida, Gésine L. Alders, Steven G. Greening, Richard W. J. Neufeld, & Derek G. V. Mitchell.** 2012. “Do fearful eyes activate empathy-related brain regions in individuals with callous traits?” *Social Cognitive & Affective Neuroscience* **7** (November): 958-968.
- Han, Weiping.** 2012. “Dual functions of adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 (APPL1) in insulin signaling and insulin secretion.”

- Proceedings of the National Academy of Sciences* **109** (5 June): 8795-8796.
- Han, Xiaoning, Michael Chen, Fushun Wang, Martha Windrum, Su Wang, Steven Shanz, Qiwu Xu, Nancy Ann Oberheim, Lane Bekar, Sarah Betstadt, Alicina J. Silva, Takahiro Takano, Steven A. Goldman, & Maiken Nedergaard.** 2013. "Forebrain Engraftment by Human Glial Progenitor Cells Enhances Synaptic Plasticity and Learning in Adult Mice." *Cell Stem Cell* **12** (7 March): 342-353.
- Han, Yingying, Haibian Yang, & Yuling Jiao.** 2014. "Regulation of inflorescence architecture by cytokinins." *Frontiers in Plant Science* (online @ frontiersin.org) **5** (24 November): 669.
- Han, Yi-Xin, Yan-Long Jiang, Yong Li, Hai-Xin Yu, Bing-Qi Tong, Zhe Niu, She-Jie Zhou, Song Liu, Yu Lan, Jia-Hua Chen, & Zhen Yang.** 2017. "Biomimetically inspired asymmetric total synthesis of (+)-19-dehydroxyl arisandilactone A." *Nature Communications* (online @ nature.com) **8** (31 January): 14233.
- Han, Zhem, Peng Yi, Xiumin Li, & Eric N. Olson.** 2006. "Hand, an evolutionarily conserved bHLH transcription factor required for *Drosophila* cardiogenesis and hematopoiesis." *Development (AKA Journal of Embryology and Experimental Morphology)* **133** (15 March): 1175-1182.
- Hanada, H., M. Geshi, & O. Suzuki.** 1995. "Additional evidence for the formation of unbalanced embryos in cattle with the 7/21 Robertsonian translocation." *Theriogenology* **44** (4): 499-505.
- Hanada, Kentaro.** 2003. "Serine palmitoyltransferase, a key enzyme of sphingolipid metabolism." *Biochimica et Biophysica Acta (BBA) Molecular Cell Biology of Lipids* **1632** (10 June): 16-30.
- Hanage, William P.** 2013. "Fuzzy species revisited." *BMC Biology* (online @ biomedcentral.com) **11** (15 April): 41.
- Hanage, William P., Christophe Fraser, & Brian G. Spratt.** 2006. "Sequences, sequence clusters and bacterial species." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (November): 1917-1927.
- Hanage, William P., Brian G. Spratt, Katherine M. E. Turner, & Christophe Fraser.** 2006. "Modeling bacterial speciation." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (November): 2039-2044.
- Hanasoge, Shravan, Thomas L. Duvall Jr., & Katepalli R. Sreenivasan.** 2012. "Anomalously weak solar convection." *Proceedings of the National Academy of Sciences* **109** (24 July): 11928-11932.
- Hanauer, David A., Naren Ramakrishnan, & Lisa S. Seyfried.** 2013. "Describing the Relationship between Cat Bites and Human Depression Using Data from an Electronic Health Record." *PLoS ONE* (online @ plosone.org) **8** (August): e70585.
- Hancks, Dustin C., Prabhat K. Mandal, Ling E. Cheung, & Haig H. Kazazian Jr.** 2012. "The Minimal Active Human SVA Retrotransposon Requires Only the 5'-Hexamer and Alu-Like Domains." *Molecular and Cellular Biology* **32** (November): 4718-4726.
- Hancock, Angela M., David B. Witonsky, Adam S. Gordon, Gidon Eshel, Jonathan K. Pritchard, Graham Coop, & Anna Di Rienzo.** 2008. "Adaptations to Climate in Candidate Genes for Common Metabolic Disorders." *PLoS Genetics* (online @ plosgenetics.org) **4** (February): e32.
- Hancock, Graham.** 1992. *The Sign of the Seal: The Quest for the Lost Ark of the Covenant*. New York: Crown Publishers.
- . 1998. *Heaven's Mirror: Quest for the Lost Civilization*. New York: Crown Publishers.
- . 2002. *Underworld: The Mysterious Origins of Civilization*. New York: Crown Publishers.
- Hancock, Graham, & Robert Bauval.** 1996. *The Message of the Sphinx: A Quest for the Hidden Legacy of Mankind*. New York: Crown Publishers.
- Hancock, Jake M.** 1975. "The petrology of the Chalk." *Proceedings of the Geologists' Association* **86** (4): 499-535.
- Hancock, Jason.** 2012. "Missouri bill would require the teaching of intelligent design." *Kansas*

- City Star* posting 14 January: online text accessed 1/21/2012 (www.kansascity.com).
- Hancock, Jennifer.** 2010. "Self-confessed sex addict runs for school board in Tampa." *Life* posting 23 June (online text at www.examiner.com accessed 4/6/2014).
- Hancock, Peter.** 2013. "State board approves new science standards." *Lawrence Journal-World* (Kansas) posting 11 June: online text accessed 6/15/2013 (www2.ljworld.com).
- Hancock, Robert D., John R. Galpin, & Roberto Viola.** 2000. "Biosynthesis of L-ascorbic acid(vitamin C) by *Saccharomyces cerevisiae*." *Federation of European Microbiological Societies FEMS Microbiology Letters* **186** (15 May): 245-250.
- Hancock Website.* 2010. "Christopher Knight and Alan Butler, Authors of the Month for January 2010." *The Official Graham Hancock Website* posting (online text at www.grahamhancock.com accessed 3/18/2013).
- . 2013. "Aquatic Ape Theory." *The Official Graham Hancock Website* posting (online text at www.grahamhancock.com accessed 3/18/2013).
- Hanczyc, Martin M.** 2011. "Metabolism and motility in prebiotic structures." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (October): 2885-2893.
- Hanczyc, Martin M., Shelly M. Fujikawa, & Jack W. Szostak.** 2003. "Experimental Models of Primitive Cellular Compartments: Encapsulation, Growth, and Division." *Science* **302** (24 October): 618-622.
- Hanczyc, Martin M., Sheref S. Mansy, & Jack W. Szostak.** 2007. "Mineral Surface Directed Membrane Assembly." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (February): 67-82.
- Hand, Donald J.** 2014. "Never Say Never." *Scientific American* **310** (February): 72-75.
- Hand, Eric.** 2011. "Super-Earths give theorists a super headache." *Nature* **480** (15 December): 302.
- . 2012a. "Dreams of water on Mars evaporate." *Nature* **484** (12 April): 153.
- . 2012b. "The exoplanet next door." *Nature* **490** (18 October): 323.
- . 2014. "Injection wells blamed in Oklahoma earthquakes." *Science* **345** (4 July): 13-14.
- . 2015a. "Seafloor grooves record the beat of the ice ages." *Science* **347** (6 February): 593-594.
- . 2015b. "Mars rover finds long chain organic compounds." *Science* **347** (27 March): 1402-1403.
- . 2015c. "Acid oceans cited in Earth's worst die-off." *Science* **348** (10 April): 165-166.
- . 2015d. "Moon-forming impact left scars in distant asteroids." *Science* **348** (17 April): 271.
- . 2015e. "How Jupiter and Saturn were born from pebbles." *Science* posting 19 August (online text at sciencemag.org accessed 2/5/2017).
- . 2015f. "How buried water makes diamonds and oil." *Science* **350** (6 November): 613-614.
- . 2016. "Number 9." *Science* **351** (22 January): 330-333.
- Hand, Paul E., & Boyce E. Griffith.** 2010. "Adaptive multiscale model for simulating cardiac conduction." *Proceedings of the National Academy of Sciences* **107** (17 August): 14603-14608.
- Handa, Priya, Narottam Acharya, & Umesh Varshney.** 2002. "Effects of mutations at tyrosine 66 and asparagine 123 in the active site pocket of *Escherichia coli* uracil DNA glycosylase on uracil excision from synthetic DNA oligomers: evidence for the occurrence of long-range interactions between the enzyme and substrate." *Nucleic Acids Research* **30** (15 July): 3086-3095.
- Händeler, Katharina, Yvonne P. Grzybowski, Patrick J. Krug, & Heike Wägele.** 2009. "Functional chloroplasts in metazoan cells—a unique evolutionary strategy in animal life." *Frontiers in Zoology* (online @ frontiersinzoology.com) **6** (1 December): 28.
- Handley, Ian M., Elizabeth R. Brown, Corinne A. Moss-Racusin, & Jessi L. Smith.** 2015. "Quality of evidence revealing subtle gender biases in science is in the eye of the beholder." *Proceedings of the National Academy of Sciences* **112** (27 October): 13201-13206.

- Handrigan, Gregory R.** 2003. “*Concordia discors*: duality in the origin of the vertebrate tail.” *Journal of Anatomy* **202** (March): 255-267.
- Hanegraaff, Hank.** 1997. *Counterfeit Revival*. Nashville, TN: Word Publishing.
- . 1998a. *The Face that Demonstrates the Farce of Evolution*. Nashville, TN: Word Publishing.
- . 1998b. “FAT CHANCE: The Failure of Evolution to Account for the Miracle of Life.” *Christian Research Institute Statement DC745* posting (online pdf at *equip.org* accessed 9/31/2001).
- . 2000. “An Answer to an Atheist: Are humans nothing more than bodies?” *Christian Research Report* **13** (August): 1-3.
- . 2001. “Embryonic Stem Cell Research: Humane for Whom?” *Christian Research Institute Statement DE444* posting (online text at *equip.org* accessed 2/17/2009).
- . 2002. *Bible Answer Man* radio 11 November broadcast (heard on airing 11/11/2002).
- . 2004. *The Bible Answer Book*. Nashville, TN: J. Countryman (Thomas Nelson).
- . 2005a. “How Do We Know That God Exists?” *Christian Research Institute Statement: CP0102* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005b. “Evidence for Creation?” *Christian Research Institute Statement: CP0103* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005c. “The Evidence for Christ’s Resurrection.” *Christian Research Institute Statement: CP0106* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005d. “Theistic Evolution and the Gospel.” *Christian Research Institute Statement: CP0108* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005e. “Evil Done in the Name of Christ: What Does It Prove?” *Christian Research Institute Statement: CP0109* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005f. “Is Atheism Logical?” *Christian Research Institute Statement: CP0110* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005g. “The Relationship Between Science and the Bible.” *Christian Research Institute Statement: CP0116* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005h. “Answering Objections to Creation Science.” *Christian Research Institute Perspective: CP0117* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005i. “Atlantis: Is It for Real?” *Christian Research Institute Statement: CP0513* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005j. “Exposing Doctrinal Errors: Heresy Hunting or Biblical Mandate?” *Christian Research Institute Perspective: CP0601* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005k. “Is the Trinity Biblical?” *Christian Research Institute Perspective: CP0704* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005l. “Are People Punished in Hell Forever?” *Christian Research Institute Statement: CP0718* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005m. “Can Christians Be Demon Possessed?” *Christian Research Institute Statement: CP0902* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005n. “What Are UFOs?” *Christian Research Institute Statement: CP0906* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005o. “Is There A Difference Between Witchcraft and Satanism?” *Christian Research Institute Statement: CP0907* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005p. “Does the Bible Contradict Itself?” *Christian Research Institute Perspective: CP1003* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005q. “Is the Bible Myth?” *Christian Research Institute Perspective: CP1003* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005r. “How Do We Know That the Bible Is the Word of God?” *Christian Research Institute Perspective: CP1012* undated posting (online text at *equip.org* accessed 4/26/2006).

- . 2005s. “What Does the Bible Say About Homosexuality?” *Christian Research Institute Perspective: CP1307* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005t. “The Genealogical Difficulties in Matthew and Luke.” *Christian Research Institute Statement: CP1400* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005u. “Did the Sun God Dark and the Moon Turn to Blood?” *Christian Research Institute Statement: CP1405* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2005v. “How Could A Just God Command His People to Destroy an Entire Nation?” *Christian Research Institute Statement: CP1407* undated posting (online text at *equip.org* accessed 4/26/2006).
- . 2006a. *Bible Answer Man* radio 3 January broadcast (heard on airing 1/3/2006).
- . 2006b. *The Bible Answer Book Volume 2*. Nashville, TN: J. Countryman (Thomas Nelson).
- . 2007a. “Hank Speaks Out on The Tomb of Jesus.” *Christian Research Institute Statement* undated posting (online text at *equip.org* accessed 2/28/2007).
- . 2007b. *The Apocalypse Code: Find Out What the Bible REALLY Says About the End Times ... and Why It Matters Today*. Nashville, TN: Thomas Nelson.
- . 2011. “Ape to Man.” *All About Science* undated posting of *Christian Research Institute* article (online text at *allaboutsscience.org* accessed 6/6/2011).
- . 2012a. “Hank Interviews Dr. Stephen Meyer and Dr. Jonathan Wells.” *Christian Research Institute* audio posting (online mp3 at *equip.org* accessed 9/25/2013).
- . 2012b. “Is There Evidence That Humans and Dinosaurs Walked Together?” *The Creation Answer Book* excerpt posted at *Christian Research Institute* (online text at *equip.org* accessed 9/9/2013).
- . 2013. “Bible Answer Man with Hank Hanegraaff Special Guest: Jerry Pattengale.” *Christian Research Institute* 11 March audio posting (online mp3 at *equip.org* accessed 7/15/2014).
- Hanel, M., M. Montenari, & A. Kalt.** 1999. “Determining sedimentation ages of high-grade metamorphic gneisses by their palynological record: a case study in the northern Schwarzwald (Variscan Belt, Germany).” *International Journal of Earth Sciences* **88** (May): 49-59.
- Hanes, Doug P., & Jeffrey D. Schall.** 1996. “Neural Control of Voluntary Movement Initiation.” *Science* **274** (18 October): 427-430.
- Haney, Paul J., Jonathan H. Badger, Gerald L. Buldak, Claudia I. Reich, Carl R. Woese, & Gary J. Olsen.** 1999. “Thermal adaptation analyzed by comparison of protein sequences from mesophilic and extremely thermophilic *Methanococcus* species.” *Proceedings of the National Academy of Sciences* **96** (30 March): 3578-3583.
- Hang, Jing, Ruixue Wan, Chuangye Yan, & Yigong Shi.** 2015. “Structural basis of pre-mRNA splicing.” *Science* **349** (11 September): 1191-1198.
- Hangauer, Matthew J., Ian W. Vaughn, & Michael T. McManus.** 2013. “Pervasive Transcription of the Human Genome Produces Thousands of Previously Unidentified Long Intergenic Noncoding RNAs.” *PLoS Genetics* (online @ *plosgenetics.org*) **9** (June): e1003569.
- Hanifin, Charles T., Edmund D. Brodie Jr., & Edmund D. Brodie.** 2008. “Phenotypic Mismatches Reveal Escape from Arms-Race Coevolution.” *PLoS Biology* (online @ *plosbiology.org*) **6** (March): e60.
- Hanington, Patrick C., Michelle A. Forys, Jerry W. Dragoo, Si-Ming Zhang, Coen M. Adema, & Eric S. Loker.** 2010. “Role for a somatically diversified lectin in resistance of an invertebrate to parasite infection.” *Proceedings of the National Academy of Sciences* **107** (7 December): 21087-21092.
- Hanington, Patrick C., & Si-Ming Zhang.** 2010. “The Primary Role of Fibrinogen-Related Proteins in Invertebrates is Defense, Not Coagulation.” *Journal of Innate Immunity* **3** (December): 17-27.

- Hanke, Kirsten, Philipp Kramer, Sandra Seeher, Nadine Beimforde, Reinhard Kurth, & Norbert Bannert.** 2009. "Reconstitution of the Ancestral Glycoprotein of Human Endogenous Retrovirus K and Modulation of Its Functional Activity by Truncation of the Cytoplasmic Domain." *Journal of Virology* **83** (December): 12790-12800.
- Hanks, Timothy D., Charles D. Kopec, Bingni W. Brunton, Chunyu A. Duan, Jeffrey C. Erlich, & Carlos D. Brody.** 2015. "Distinct relationships of parietal and prefrontal cortices to evidence accumulation." *Nature* **520** (9 April): 220-223.
- Hanley, Kathryn A.** 2011. "The Double-Edged Sword: How Evolution Can Make or Break a Live-Attenuated Virus Vaccine." *Evolution: Education & Outreach* **4** (December): 688-700.
- Hanlon, Joseph.** 1974. "Uri Geller and Science." *New Scientist* (17 October): 170-85.
- Hanna, Edward, Francisco J. Navarro, Frank Pattyn, Catia M. Domingues, Xavier Fettweis, Erik R. Ivins, Robert J. Nicholls, Catherine Ritz, Ben Smith, Slawek Tulaczyk, Pippa L. Whitehouse, & H. Jay Zwally.** 2013. "Ice-sheet mass balance and climate change." *Nature* **498** (6 June): 51-59.
- Hannam, James.** 2009. "An Evening with GA Wells." *Bede's Library* 8 December revised version of 2003 posting (online text at www.bede.org.uk accessed 3/9/2013).
- . 2010. "Debating a Young-Earth Creationist." *Patheos* posting 4 June (online text at www.patheos.com accessed 10/5/2011).
- Hannisdal, Bjarte, & Shanán E. Peters.** 2011. "Phanerozoic Earth System Evolution and Marine Biodiversity." *Science* **334** (25 November): 1121-1124.
- Hannity, Sean.** 2013. "Sign the National Petition to Exempt America from Obamacare." *Townhall Daily* for 6 September (email text via TownHallmail.com accessed 9/6/2013).
- Hannon, Elizabeth, & Tim Lewens.** 2014. "VIII.10 Cultural Evolution," in Losos *et al.* (2014, 795-800).
- Hans, Ulrik, Thorsten Kleine, & Bernard Bourdon.** 2013. "Rb-Sr chronology of volatile depletion in differentiated protoplanets: BABI, ADOR and ALL revisited." *Earth and Planetary Science Letters* **374** (15 March): 204-214.
- Hansel, C. E. M.** 1966. *ESP: A Scientific Evaluation*. New York: Charles Scribner's Sons.
- Hansell, Mike.** 2007. *Built by Animals: The natural history of animal architecture*. 2009 pb ed. Oxford: Oxford University Press.
- Hansen, Allison K., & Nancy A. Moran.** 2011. "Aphid genome expression reveals host-symbiont cooperation in the production of amino acids." *Proceedings of the National Academy of Sciences* **108** (15 February): 2849-2854.
- Hansen, April.** 2013. "Mo. Lawmaker Wants Equal Room for Intelligent Design in Textbooks." *KOLR* (Springfield, Missouri) 12 February TV interview transcript (online text at ozarksfirst.com accessed 2/16/2013).
- Hansen, George P.** 1992. "CSICOP and the Skeptics: An Overview." *The Journal of the American Society for Psychical Research* **86** (January): 19-63.
- Hansen, James E.** 2004. "Dangerous Anthropogenic Interference: A Discussion of Humanity's Faustian Climate Bargain and the Payments Coming Due." Department of Physics and Astronomy, University of Iowa, Distinguished Public Lecture Series 26 October (online text at www.columbia.edu/~jeh1/2004/dai_complete_20041026.pdf accessed 11/13/2010).
- Hansen, James, Makiko Sato, Pushker Kharecha, Gary Russell, David W. Lea, & Mark Siddall.** 2007. "Climate change and trace gases." *Philosophical Transactions of the Royal Society of London A (Mathematical, Physical & Engineering Sciences)* **365** (July): 1925-1954.
- Hansen, James, Makiko Sato, & Reto Ruedy.** 2012. "Perception of climate change." *Proceedings of the National Academy of Sciences* **109** (11 September): E2415-E2423.
- . 2013. "Reply to Rhines and Huybers: Changes in the frequency of extreme summer heat." *Proceedings of the National Academy of Sciences* **110** (12 February): E547-E548.
- Hansen, Jennifer.** 2003. "The Impossibility of Females Mourning," in Phillips & Morley (2003a, 147-174).
- Hansen, Jens Morten.** 2009. "On the origin of natural history: Steno's modern, but forgotten

- philosophy of science.” *The Geological Society of America Memoirs* **203**: 159-178.
- Hansen, K., & D. H. Pfister.** 2006. “Systematics of the Pezizomycetes—the operculate discomycetes.” *Mycologia* **98** (November/December): 1029-1040.
- Hansen, Michael.** 2013. “Dinosaurs, Stars, and Special Creation at Gateway Church.” Institute for Creation Research *Acts & Facts* (August): 16-17.
- Hansen, Nikolaus, & Andreas Ostermeier.** 2001. “Completely Derandomized Self-Adaptation in Evolution Strategies.” *Evolutionary Computation* **9** (2): 159-195.
- Hansen, Thomas.** 2008. “MID TO LATE ORDOVICIAN TRILOBITE PALAEOECOLOGY IN A MUD DOMINATED EPICONTINENTAL SEA, SOUTHERN NORWAY,” in Rábano *et al.* (2008, 157-165).
- Hansen, Thomas B., Trine I. Jensen, Bettina H. Clausen, Jesper B. Bramsen, Bente Finsen, Christian K. Damgaard, & Jørgen Kjems.** 2013. “Natural RNA circles function as efficient microRNA sponges.” *Nature* **495** (21 March): 384-388.
- Hansen, Thomas F.** 2013. “Why Epistasis is Important for Selection and Adaptation.” *Evolution* **67** (December): 3501-3511.
- Hanshaw, Bruce B., William Back, & Meyer Rubin.** 1965. “Carbonate equilibria and radiocarbon distribution related to groundwater flow in the Floridan limestone aquifer, U.S.A.” *Proceedings of the Dubrovnik Symposium Vol 2* (Hydrology of fractured Rocks): 601-614.
- Hanski, Ilkka A.** 2011. “Eco-evolutionary spatial dynamics in the Glanville fritillary butterfly.” *Proceedings of the National Academy of Sciences* **108** (30 August): 14397-14404.
- Hansma, Helen Greenwood.** 2010. “Possible origin of life between mica sheets.” *Journal of Theoretical Biology* **266** (7 September): 175-188.
- . 2013. “Possible origin of life between mica sheets: does life imitate mica?” *Journal of Biomolecular Structure & Dynamics* **31** (August): 888-895.
- . 2014. “The Power of Crowding for the Origins of Life.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **44** (December): 307-311.
- Hanson, Andrina G.** 2013. “Richard Lumsden, Ph.D---Evolutionist and University Biology Professor Turned Christian.” *Facts & Faith* 28 April blog posting (online text at factsandfaith.com accessed 7/24/2014).
- Hanson, Brooks.** 2009. “Light on the Origin of Man.” *Science* **326** (2 October): 60-61.
- Hanson, C. L.** 2011. “Building on a Religious Background.” *Free Inquiry* **31** (October/November): 40-41.
- Hanson, G. M., & P. W. Gast.** 1967. “Kinetic studies in contact metamorphic zones.” *Geochimica et Cosmochimica Acta* **31** (7): 1119-1153.
- Hanson, James.** 2005. “Stellar Parallax-Aberration is Geocentric.” *The Biblical Astronomer* **15** (Summer): 77-83.
- . 2006. “Parallax-Aberration is Geocentric—Revisited.” *The Biblical Astronomer* **16** (Winter): 5-8.
- Hanson, Jeffrey R., & Jerry E. Hanson.** 1993. “Creation Science and Creation Myths: An Ethnological Perspective.” *Creation/Evolution* **13** (Summer): 20-31.
- Hanson, Mark A., & Michael K. Skinner.** 2016. “Developmental origins of epigenetic transgenerational inheritance.” *Environmental Epigenetics* **2** (1): 1-9.
- Hanson, Michelle A., Olav B. Lian, & John J. Clague.** 2012. “The sequence and timing of large late Pleistocene floods from glacial Lake Missoula.” *Quaternary Science Reviews* **31** (12 January): 67-81.
- Hanson, Robert W.,** ed. 1986. *Science and Creation: Geological, Theological, and Educational Perspectives*. New York: Macmillan.
- Hanson, Sara J., Kevin P. Byrne, & Kenneth H. Wolfe.** 2014. “Mating-type switching by chromosomal inversion in methylotrophic yeasts suggests an origin for the three-locus *Saccharomyces cerevisiae* system.” *Proceedings of the National Academy of Sciences* **111** (11 November): E4851-E4858.
- Hanson, Thor.** 2011. *Feathers: The Evolution of a Natural Miracle*. New York: Basic Books (Perseus Books).

- Hanten, Jeffrey J., & Sidney K. Pierce.** 2001. "Synthesis of Several Light-Harvesting Complex I Polypeptides Is Blocked by Cycloheximide in Symbiotic Chloroplasts in the Sea Slug, *Elysia chlorotica* (Gould): A Case for Horizontal Gene Transfer Between Alga and Animal?" *The Biological Bulletin* **201** (August): 34-44.
- Hanzawa, Yoshie, Tracy Money, & Desmond Bradley.** 2005. "A single amino acid converts a repressor to an activator of flowering." *Proceedings of the National Academy of Sciences* **102** (24 May): 7748-7753.
- Hao, Bing, Weimin Gong, Tsuneo K. Ferguson, Carey M. James, Joseph A. Krzycki, & Michael K. Chan.** 2002. "A New UAG-Encoded Residue in the Structure of a Methanogen Methyltransferase." *Science* **296** (24 May): 1462-1466.
- Hao, Shengli, & David Baltimore.** 2013. "RNA splicing regulates the temporal order of TNF-induced gene expression." *Proceedings of the National Academy of Sciences* **110** (16 July): 11934-11939.
- Hao, ShouGang, & JinZhuang Xue.** 2013. "Earliest record of megaphylls and leafy structures, and their initial diversification." *Chinese Science Bulletin* **58** (August): 2784-2793.
- Hao, Weilong, & G. Brian Golding.** 2006. "The fate of laterally transferred genes: Life in the fast lane to adaptation or death." *Genome Research* **16** (May): 636-643.
- Hao, Weilong, & Jeffrey D. Palmer.** 2009. "Fine-scale mergers of chloroplast and mitochondrial genes create functional, transcompartmentally chimeric mitochondrial genes." *Proceedings of the National Academy of Sciences* **106** (29 September): 16728-16733.
- Hao, Weilong, Aaron O. Richardson, Yihong Zheng, & Jeffrey D. Palmer.** 2010. "Gorgeous mosaic of mitochondrial genes created by horizontal transfer and gene conversion." *Proceedings of the National Academy of Sciences* **107** (14 December): 21576-21581.
- Hapgood, Charles H.** 1966. *Maps of the Ancient Sea Kings: Evidence of Advanced Civilization in the Ice Age*. Philadelphia: Chilton.
- . 1970. *The Path of the Pole*. Philadelphia: Chilton.
- Hapgood, Charles H., with James H. Campbell.** 1958. *Earth's Shifting Crust*. New York: Pantheon Books.
- Happé, Francesca, & Uta Frith.** 2009. "The beautiful otherness of the autistic mind." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1345-1350.
- Happé, Francesca, & Pedro Vital.** 2009. "What aspects of autism predispose to talent?" *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1369-1375.
- Happer, William.** 2009. "Climate Change, William Hopper testimony to Senate Energy Committee on February 25, 2009." *Science & Public Policy Institute* 8 April posting (online text at scienceandpublicpolicy.org accessed 5/26/2014).
- . 2011. "The Truth About Greenhouse Gases." *First Things* (June): online text accessed 5/26/2014 (firstthings.com).
- Haq, Syed Nomanul.** 2009. "Myth 4: That Medieval Islamic Culture Was Inhospitable to Science," in *Numbers* (2009a, 35-42).
- Haque, Omar Sultan, Amitai Shenhav, & David Rand.** 2011. "Differences in cognitive style, emotional processing, and ideology as crucial variables in understanding meaning making." *Religion, Brain & Behavior* **1** (October): 223-225.
- Hara, Futoshi, Kan Yamashiro, Naoki Nemoto, Yoshinori Ohta, Shin-ichi Yokobori, Takuo Yasunaga, Shin-ichi Hisanaga, & Akihiko Yamagishi.** 2007. "An Actin Homolog of the Archaeon *Thermoplasma acidophilum* That Retains the Ancient Characteristics of Eukaryotic Actin." *Journal of Bacteriology* **189** (March, No. 5): 2039-2045.
- Hara, Kiyotaka Y., Hiroyuki Noji, Dirk Bald, Ryohei Yasuda, Kazuhiko Kinoshita Jr., & Masasuke Yoshida.** 2000. "The Role of the DELSEED Motif of the β Subunit in Rotation of F₁-ATPase." *The Journal of Biological Chemistry* **275** (12 May): 14260-14263.
- Harami, Gábor M., Yeonee Seol, Junghoon In, Veronika Ferencziová, Máté Martina, Máté Gyimesi, Kata Sarlós, Zoltán J. Kovács, Nikolett T. Nagy, Yuze Sun, Tibor Vellai, Keir C. Neuman, & Mihály Kovács.** 2017. "Shuttling along DNA and directed

- processing of D-loops by RecQ helicase support quality control of homologous recombination.” *Proceedings of the National Academy of Sciences* **114** (24 January): E466-E475.
- Harbach, Ralph E., & Dale Greenwalt.** 2012. “Two Eocene species of *Culiseta* (Diptera: Culicidae) from the Kishenehn Formation in Montana.” *Zootaxa* **3530**: 25-34.
- Harbaugh, William T., Ulrich Mayr, & Daniel R. Burghart.** 2007. “Neural Responses to Taxation and Voluntary Giving Reveal Motives for Charitable Donations.” *Science* **316** (15 June): 1622-1625.
- Harbison, Christopher W., & Dale H. Clayton.** 2011. “Community interactions govern host-switching with implications for host-parasite coevolutionary history.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9525-9529.
- Harbison, Gerard.** 2005. “Mirecki affair.” *Talk Reason* 26 December posting (online text at talkreason.org accessed 12/28/2005).
- Harcourt, Alexander H.** 2016. “Human phylogeography and diversity.” *Proceedings of the National Academy of Sciences* **113** (19 July): 8072-8078.
- Harcourt, Bernard E.** 2004. “Cultural Perspectives on Gun Registration, the NRA, Adolf Hitler, and Nazi Gun Laws: Exploding the Gun Culture Wars (a Call to Historians).” *Fordham Law Review* **73** (2): 653-680.
- Harcourt-Smith, William E. H.** 2010. “The First Hominins and the Origins of Bipedalism.” *Evolution: Education & Outreach* **3** (September): 333-340.
- Harcourt-Smith, W. E. H., & L. C. Aiello.** 2004. “Fossils, feet and the evolution of human bipedal locomotion.” *Journal of Anatomy* **204** (May): 403-416.
- Hardaway, Gary.** 2001. “Teacher Collides With ACLU: Defenders of Darwinism suppress data, teach falsehoods.” *Concerned Christian Citizens* posting of *Lynden Tribune* (Lyndon, Washington) 23 May article (online text at www.nas.com/cc/ accessed 2/8/2002, not available as of 1/23/2014).
- Hardaway, Gary, Eileen Sobjack, Annetta Small, Gary Small, Charlie Tarrell, & John Krontje.** 2001. “‘Your Assignment, Mr. Phelps: Stay Home’.” *Concerned Christian Citizens* posting (online text at www.nas.com/cc/ accessed 2/8/2002, not available as of 1/23/2014).
- Hardcastle, Ben J., & Holger G. Krapp.** 2016. “Evolution of Biological Image Stabilization.” *Current Biology* **26** (24 October): R1010-R1021.
- Harden, Nathan.** 2012. “Stanford Hires Atheist Chaplain.” *The College Fix* 24 December posting (online text at www.thecollegefix.com accessed 7/29/2014).
- . 2013. “Prominent Atheist Richard Dawkins Defends ‘Mild Pedophilia’.” *The College Fix* 11 September posting (online text at www.thecollegefix.com accessed 7/29/2014).
- Harderson, Paul S.** 2002. “Mickey Mouse Discovers the ‘Real’ Atlantis.” *Skeptical Inquirer* **26** (January/February): 42-44.
- Hardgrave, Don.** 2008. “C.S. Lewis and the Great Myth.” *Creation Ministries International* posting 1 January (online text at creation.com accessed 1/24/2013).
- Hardie, D. Grahame.** 2007. “Balancing Cellular Energy.” *Science* **315** (23 March): 1671-1672.
- . 2010. “Targeting the Core of Transcription.” *Science* **329** (3 September): 1158-1159.
- Hardie, Lawrence A.** 1996. “Secular variation in seawater chemistry: An explanation for the coupled secular variation in the mineralogies of marine limestones and potash evaporates over the past 600 m.y.” *Geology* **24** (March): 279-283.
- Hardiman, Mark, Andrew C. Scott, Margaret E. Collinson, & R. Scott Anderson.** 2012. “Inconsistent redefining of the carbon spherule ‘impact’ proxy.” *Proceedings of the National Academy of Sciences* **109** (21 August): E2244.
- Hardin, Garrett.** 1968. “The Tragedy of the Commons.” *Science* **162** (13 December): 1243-1248.
- . 1974. *Mandatory Motherhood: The True Meaning of “Right to Life.”* Boston: Beacon Press.
- . 1984. “‘Scientific Creationism’—Marketing Deception as Truth,” in Montague (1984, 159-166).

- Harding, Ken.** 2000. "The wild, wild world of Kent Hovind." *The wild, wild world of Kent Hovind* homepage posting (online text at www.geocities.com/Tokyo/Temple9917/hovind/ accessed 6/7/2001).
- Harding, Rosalind M., Eugene Healy, Amanda J. Ray, Nicolas S. Ellis, Niamh Flanagan, Carol Todd, Craig Dixon, Antti Sajantila, Ian J. Jackson, Mark A. Birch-Machin, & Jonathan L. Rees.** 2000. "Evidence for Variable Selective Pressures at MC1R." *The American Journal of Human Genetics* **66** (April): 1351-1361.
- Harding, Susan Friend.** 2000. *The Book of Jerry Falwell: Fundamentalist Language and Politics*. Princeton, NJ: Princeton University Press.
- Hardison, Ross.** 1999. "The Evolution of Hemoglobin." *American Scientist* **87** (March-April): 126-137.
- . 2001. "New views of evolution and regulation of vertebrate β -like globin gene clusters from an orphaned gene in marsupials." *Proceedings of the National Academy of Sciences* **98** (13 February): 1327-1329.
- Hardman, Philippa.** 2011. "Letter sets and extracts for Prof. Richardson's *Gender, Sex and Evolution* course (Harvard University)." *Darwin Correspondence Project* July posting (online pdf at learning.darwinproject.ac.uk accessed 2/23/2017).
- Hardwick, Stephen, & Carla Hardwick.** 2009. "About Us." *Creation Sensation* posting (online text at www.creation-sensation.com accessed 12/23/2013).
- Hardy, Alister, Robert Harvie, & Arthur Koestler.** 1973. *The Challenge of Chance: A Mass Experiment in Telepathy and Its Unexpected Outcome*. 1975 pb ed. New York: Vintage Books.
- Hardy, Kevin.** 2014. "Bryan College takes stand on creation that has professors worried for their jobs." *Chattanooga Times Free Press* posting 2 March: online text accessed 3/28/2014 (www.timesfreepress.com).
- Hardy, Michael D., Jun Yang, Jangir Selimkhanov, Christian M. Cole, Lev S. Tsimring, & Neal K. Devaraj.** 2015. "Self-reproducing catalyst drives repeated phospholipid synthesis and membrane growth." *Proceedings of the National Academy of Sciences* **112** (7 July): 8187-8192.
- Hare, Brian, Michelle Brown, Christina Williamson, & Michael Tomasello.** 2002. "The Domestication of Social Cognition in Dogs." *Science* **298** (22 November): 1634-1636.
- Hare, Brian, & Michael Tomasello.** 2005. "Human-like social skills in dogs?" *Trends in Cognitive Sciences* **9** (September): 439-444.
- Hare, Matthew P., Frank Cipriano, & Stephen R. Palumbi.** 2002. "Genetic Evidence on the Demography of Speciation in Allopatric Dolphin Species." *Evolution* **56** (April): 804-816.
- Hare, P. Edgar.** 1994. "Geological and Geochemical Clocks." *Adventist Today* (September/October): 9-10.
- Hare, Stephen, Ann M. Vos, Reginald F. Clayton, Jan W. Thuring, Maxwell D. Cummings, & Peter Cherepanov.** 2010. "Molecular mechanisms of retroviral integrase inhibition and the evolution of viral resistance." *Proceedings of the National Academy of Sciences* **107** (16 November): 20057-20062.
- Hare, Todd.** 2014. "Exploiting and exploring the options." *Science* **344** (27 June): 1446-1447.
- Hare, Todd A., Colin F. Camerer, & Antonio Rangel.** 2009. "Self-Control in Decision-Making Involves Modulation of the vmPFC Valuation System." *Science* **324** (1 May): 646-648.
- Hare Krishna.** 2000. "Mysteries Of The Sacred Universe: The Cosmology of the Bhagavata Purana." *Prabhupada Hare Krishna News Network* "Books" posting (online text at books.krishna.org accessed 2/19/2001, not available as of 11/2/2013).
- Harel, Arye, Yana Bromberg, Paul G. Falkowski, & Debashish Bhattacharya.** 2014. "Evolutionary history of redox metal-binding domains across the tree of life." *Proceedings of the National Academy of Sciences* **111** (13 May): 7042-7047.
- Harel, Assaf, Dwight J. Kravitz, & Chris J. Baker.** 2014. "Task context impacts object processing differentially across the cortex." *Proceedings of the National Academy of Sciences* **111** (11 March): E962-E971.
- Hargraves, R. B.** 1968. "Paleomagnetism of the Roraima Dolerites." *Geophysical Journal*

- International (AKA Geophysics Journal of the Royal Astronomical Society)* **16** (October): 147-160.
- Hargreaves, Adam D., Martin T. Swain, Matthew J. Hegarty, Darren W. Logan, & John F. Mulley.** 2014. "Restriction and Recruitment—Gene Duplication and the Origin and Evolution of Snake Venom Toxins." *Genome Biology and Evolution* **6** (August): 2088-2095.
- Hargrove, Barbara.** 1986. "The Creationist Movement: A Sociological View." *Creation/Evolution* **6** (Winter): 30-38.
- Hargrove, Brantley.** 2011. "How an Evolution Denier Shaped Texas Board of Ed's Science-Book Decisions Yesterday." Dallas Observer *Unfair Park* 22 July blog posting (online text at blogs.dallasobserver.com/unfairpark accessed 10/13/2013).
- . 2013. "Creationists' Last Stand at the State Board of Education." *Dallas Observer* posting 14 November: online text accessed 11/15/2013 (www.dallasobserver.com).
- Hari, Johann.** 2010. "The Wrong Kind of Green." *The Nation* (22 March): online text accessed 3/28/2010 (thenation.com).
- Hari, Riita, & Miimaaria V. Kujala.** 2009. "Brain Basis of Human Social Interaction: From Concepts to Brain Imaging." *Physiological Reviews* **89** (April): 453-479.
- Haridas, Sajeet, Ye Wang, Lynette Lim, Sepideh Massoumi Alamouti, Shaun Jackman, Rod Docking, Gordon Robertson, Inanc Birol, Jörg Bohlmann, & Colette Breuil.** 2013. "The genome and transcriptome of the pine saprophyte *Ophiostoma piceae*, and aq comparison with the bark beetle-associated pine pathogen *Grosmannia clavigera*." *BMC Genomics* (online @ biomedcentral.com) **14** (2 June): 373.
- Harig, Christopher, & Frederik J. Simons.** 2012. "Mapping Greenland's mass loss in space and time." *Proceedings of the National Academy of Sciences* **109** (4 December): 19934-19937.
- Harikrishnan, S., Karthikeyan Vasudevan, & K. Sivakumar.** 2010. "Behavior of Indian Peafowl *Pavo cristatus* Linn. 1758 During the Mating Period in a Natural Population." *The Open Ornithology Journal* **3**: 13-19.
- Harish, Ajith, & Gustavo Caetano-Anollés.** 2012. "Ribosomal History Reveals Origins of Modern Protein Synthesis." *PLoS ONE* (online @ plosone.org) **7** (March): e32776.
- Harjunmaa, Enni, Aki Kallonen, Maria Voutilainen, Keijo Hämäläinen, Marja L. Mikkola, & Jukka Jernvall.** 2012. "On the difficulty of increasing dental complexity." *Nature* **483** (15 March): 324-327.
- Harjunmaa, Enni, Kerstin Seidel, Teemu Häkkinen, Elodie Renvoisé, Ian J. Corfe, Aki Kallonen, Zhao-Qun Zhang, Alistair R. Evans, Marja L. Mikkola, Isaac Salazar-Cuidad, Ophir D. Klein, & Jukka Jernvall.** 2014. "Replaying evolutionary transitions from the dental fossil record." *Nature* **512** (7 August): 44-48.
- Harkins, Timothy T., & Charles B. Grissom.** 1994. "Magnetic Field Effects on B₁₂ Ethanolamine Ammonia Lyase: Evidence for a Radical Mechanism." *Science* **263** (18 February): 958-960.
- Harkness, Kelsey.** 2014. "High School Bans Students From Holding Prayer Group in Free Time." *The Daily Signal* 11 November posting (online text at dailysignal.com accessed 3/15/2015).
- Harlan, Stephen S., Larry Heaman, Anthony N. LeCheminant, & Wayne R. Premo.** 2003. "Gunbarrel mafic magmatic event: A key 780 Ma time marker for Rodinia plate reconstruction." *Geology* **31** (December): 1053-1056.
- Harland, W. Brian.** 2007. "Origins and assessment of snowball Earth hypotheses." *Geological Magazine* **144** (July): 633-642.
- Harley, Heidi E., Erika A. Putman, & Herbert L. Roitblat.** 2003. "Bottlenose dolphins perceive object features through echolocation." *Nature* **424** (7 August): 667-669.
- Harley, J. B., & David Woodward,** eds. 1987. *Cartography in Prehistoric, Ancient, and Medieval Europe and the Mediterranean*. The History of Cartography Vol. 1. Chicago: University of Chicago Press.
- Harlow, D. E., H. R. Marshall, & M. Hanel.** 2007. "Fluorapatite-monazite relationships in

- granulite-facies metapelites, Schwarzwald, southwest Germany.” *Mineralogical Magazine* **71** (April): 223-234.
- Harlow, Daniel C.** 2010. “After Adam: Reading Genesis in an Age of Evolutionary Science.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **62** (September): 179-195.
- Harman, Oren Solomon.** 2003. “C. D. Darlington and the British and American Reaction to Lysenko and the Soviet Conception of Science.” *Journal of the History of Biology* **36** (Summer): 309-352.
- . 2011. *The Price of Altruism: George Price and the Search for the Origins of Kindness*. New York: W. W. Norton & Co.
- Harman, Scott.** 2007. “Sinosauropteryx: not fuzz-less (long).” Cleveland Museum of Natural History *Dinosaur Mailing List* 24 May posting (online text at dml.cmnh.org accessed 2/9/2012).
- . 2009. “Re: Ghosts of New Papers Past.” Cleveland Museum of Natural History *Dinosaur Mailing List* 22 April posting (online text at dml.cmnh.org accessed 2/7/2012).
- Harmand, Sonia, Jason E. Lewis, Craig S. Feibel, Christopher J. Lepre, Sandrine Prat, Arnaud Lenoble, Xavier Boës, Rhonda L. Quinn, Michel Brenet, Adrian Arroyo, Nicholas Taylor, Sophie Clément, Guillaume Daver, Jean-Philip Brugal, Louise Leakey, Richard A. Mortlock, James D. Wright, Sammy Lokorodi, Christopher Kirwa, Dennis V. Kent, & Kent Hélène Roche.** 2015. “3.3-million-year-old stone tools from Lomekwi 3, West Turkana, Kenya.” *Nature* **521** (21 May): 310-315.
- Harmon, Amy.** 2011. “A Nationwide Day for Honoring Charles Darwin, but Handled With Caution.” *The New York Times* posting 14 February: online text accessed 2/15/2011 (www.nytimes.com).
- . 2017. “Climate Science Meets a Stubborn Obstacle: Students.” *The New York Times* posting 4 June: online text accessed 6/4/2017 (www.nytimes.com).
- Harmon, Katherine.** 2013. “Early birds flew on four wings.” *Nature News* (14 March) posting (online text at nature.com accessed 3/15/2013).
- Harmon-Jones, Eddie, & Cindy Harmon-Jones.** 2011. “Dissonance and distress.” *Religion, Brain & Behavior* **1** (October): 225-227.
- Harms, Klaus, Asbjørn Lunnan, Nils Hülter, Tobias Mourier, Lasse Vinner, Cheryl P. Andam, Pekka Marttinen, Helena Fridholm, Anders Johannes Hansen, William P. Hanage, Kaare Magne Nielsen, Eske Willerslev, & Pål Jarle Johnsen.** 2016. “Substitutions of short heterologous DNA segments of intragenomic or extragenomic origins produce clustered genomic polymorphisms.” *Proceedings of the National Academy of Sciences* **113** (7 December): 15066-15071.
- Harms, Michael J., Geeta N. Eick, Devrishi Goswami, Jennifer K. Colucci, Patrick R. Griffin, Eric A. Ortlund, & Joseph W. Thornton.** 2013. “Biophysical mechanisms for large-effect mutations in the evolution of steroid hormone receptors.” *Proceedings of the National Academy of Sciences* **110** (9 July): 11475-11480.
- Harms, Michael J., & Joseph M. Thornton.** 2013. “Evolutionary biochemistry: revealing the historical and physical causes of protein properties.” *Nature Reviews Genetics* **14** (August): 559-571.
- . 2014. “Historical contingency and its biophysical basis in glucocorticoid receptor evolution.” *Nature* **512** (14 August): 203-207.
- Harmston, Nathan, Anja Barešić, & Boris Lenhard.** 2013. “The mystery of extreme non-coding conservation.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **368** (19 December): 20130021.
- Harmston, Nathan, & Boris Lenhard.** 2013. “Chromatin and epigenetic features of long-range gene regulation.” *Nucleic Acids Research* **41** (August, #15): 7185–7199.
- Harnad, Stevan.** 2008. “Why and how the problem of the evolution of Universal Grammar (UG) is hard.” *Behavioral and Brain Sciences* **31** (5): 524-525.
- Harner, Michael J., ed.** 1973. *Hallucinogens and Shamanism*. New York: Oxford University Press.

- Härnström, Karolina, Marianne Ellegaard, Thorbjorn J. Anderson, & Anna Godhe.** 2011. "Hundred years of genetic structure in a sediment revived diatom population." *Proceedings of the National Academy of Sciences* **108** (15 March): 4252-4257.
- Harold, Franklin M.** 1908. "To Shape a Cell" an Inquiry into the Causes of Morphogenesis of Microorganisms." *Microbiological Reviews* **54** (December): 381-431.
- . 2001. *The Way of the Cell: Molecules, Organisms and the Order of Life*. Oxford: Oxford University Press.
- . 2005. "Molecules into Cells: Specifying Spatial Architecture." *Microbiology and Molecular Biology Reviews* **69** (December): 544-564.
- Harper, D. A. T., C. T. Scrutton, & D. M. Williams.** 1995. "Mass mortalities on an Irish Silurian seafloor." *Journal of the Geological Society, London* **152** (November): 917-922.
- Harper, David A. T., & Thomas Servais.** 2013. "Chapter 1 Early Palaeozoic biogeography and palaeogeography: towards a modern synthesis." *Geological Society of London Memoirs* **38**: 1-3.
- Harper, E. M., J. T. Taylor, & J. A. Crame.** 2000. "Unravelling the evolutionary biology of the Bivalvia: a multidisciplinary approach." *Geological Society, London, Special Publications* **177**: 1-9.
- Harper, Jennifer.** 2004. "Most Americans take Bible stories literally." *The Washington Times* posting 17 February: online text accessed 2/18/2004 (www.washingtontimes.com).
- Harper, Joel T., & John H. Bradford.** 2003. "Snow stratigraphy over a uniform depositional surface: spatial variability and measurement tools." *Cold Regions Science and Technology* **37** (November): 289-298.
- Harper, John L.** 1968. "Evolution: What Is Required of a Theory?" *Science* **160** (26 April): 408.
- Harper, Kristin N., Paolo S. Ocampo, Bret M. Steiner, Robert W. George, Michael S. Silverman, Shelly Bolotin, Allan Pillay, Nigel J. Saunders, & George J. Armelagos.** 2008. "On the Origin of the Treponematoses: A Phylogenetic Approach." *PLoS Neglected Tropical Diseases* (online @ plosntds.org) **2** (January): e148.
- Harper, Mark J.** 2004. "The Fossil Record." *PuPP's Theories Forum* 11 August posting (online text at www.pupptheories.com accessed 5/16/2011).
- The HarperCollins Bible Dictionary*. 1996. Gen. ed. Paul J. Achtemeier. San Francisco: HarperSanFrancisco.
- Harpur, Brock A., Clement F. Kent, Daria Molodtsova, Jonathan M. D. Lebon, Abdulaziz S. Alqarni, Ayman A. Owayss, & Amro Zayed.** 2014. "Population genomics of the honey bee reveals strong signatures of positive selection on worker traits." *Proceedings of the National Academy of Sciences* **111** (18 February): 2614-2619.
- Harr, John Ensor, & Peter J. Johnson.** 1991. *The Rockefeller Conscience: An American Family in Public and in Private*. New York: Charles Scribner's Sons.
- Harrell, Eben.** 2009. "The Dark Side of Darwin's Legacy." *Time* posting 24 November: online text accessed 10/30/2011 (www.time.com).
- . 2010. "Ardi: The Human Ancestor Who Wasn't?" *Time* posting 27 May: online text accessed 6/2/2010 (www.time.com).
- Harrell, Lance, Ulrich Melcher, & John F. Atkins.** 2002. "Predominance of six different hexanucleotide recoding signals 3' of read-through stop codons." *Nucleic Acids Research* **30** (1 May): 2011-2017.
- Harrington, Jesse R., & Michele J. Gelfand.** 2014. "Tightness-looseness across the 50 united states." *Proceedings of the National Academy of Sciences* **111** (3 June): 7990-7995.
- Harris, Abigail K. P., Neil R. Williamson, Holly Slater, Anthony Cox, Sophia Abbasi, Ian Foulds, Henrik T. Simonsen, Finian J. Leeper, & George P. C. Salmond.** 2004. "The *Serratia* gene cluster encoding biosynthesis of the red antibiotic, prodigiosin, shows species- and strain-dependent genome context variation." *Microbiology* **150** (November): 3547-3560.
- Harris, Adam J. L., Adam Corner, & Ulrike Hahn.** 2009. "Estimating the probability of negative events." *Cognition* **110** (January): 51-64.

- Harris, Amy Julia.** 2015. "Here's one way churches are getting religion into public schools." The Center for Investigative Reporting *Reveal* 1 April posting (online text at www.revealnews.org accessed 5/8/2015).
- Harris, C. Jake, Erik J. Sloomweg, Aska Goverse, & David C. Baulcombe.** 2013. "Stepwise artificial evolution of a plant disease resistance gene." *Proceedings of the National Academy of Sciences* **110** (24 December): 21189-21184.
- Harris, Christine R.** 1999. "The Mystery of Ticklish Laughter." *American Scientist* **87** (July-August): 344-351.
- Harris, Daniel H.** 1992. "Unique Biblical Chronology." *Dr. Truth* undated posting (online text at www.drtruth.org accessed 6/5/2014).
- . 2001a. "Paradoxes In Modern Physics." *Dr. Truth* 29 November posting (online text at www.drtruth.org accessed 6/5/2014).
- . 2001b. "Naturalism, or Faith in God: Your Choice! The Christas Star: Was it Astronomical Or Was it a Miracle." San Antonio Bible-Based Science Association *Communiqué* (December) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2009. "Evolution Finally Put to the Test!" San Antonio Bible-Based Science Association *Communiqué* (October) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2010a. "Is Your Future Uncertain?" San Antonio Bible-Based Science Association *Communiqué* (January) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2010b. "The Elements Speak." San Antonio Bible-Based Science Association *Communiqué* (December) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2010c. "Ultimate Predictive Power." San Antonio Bible-Based Science Association *Communiqué* (December) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2011a. "Introducing the True Fanatics." San Antonio Bible-Based Science Association *Communiqué* (February) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2011b. "Much Ado About Nothing." San Antonio Bible-Based Science Association *Communiqué* (May) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2011c. "The Murky Mess of Missing Mass." San Antonio Bible-Based Science Association *Communiqué* (July) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2012a. "Why Are We Still Here?" San Antonio Bible-Based Science Association *Communiqué* (January) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2012b. "Shame on You Mr. Darwin!" San Antonio Bible-Based Science Association *Communiqué* (February) posting (online text at www.sabbsa.org accessed 6/5/2014).
- . 2012c. "Why Are You Human? Or, Do You Really Need Your Brain?" San Antonio Bible-Based Science Association *Communiqué* (April) posting (online text at www.sabbsa.org accessed 6/5/2014).
- Harris, Dean A.** 2004. "A Pioneer Creationist: George McCready Price (1870-1963)." Geoscience Research Institute *Geoscience Reports* (Spring): 8.
- Harris, Eugene E.** 2010. "Nonadaptive processes in primate and human evolution." *American Journal of Physical Anthropology* **143** (Supplement 51): 13-45.
- Harris, Gareth.** 2010. "Can You Speak Science? A Primer from a Priest." *Huffington Post* posting 7 July (online text at huffingtonpost.com accessed 7/18/2010).
- Harris, J. Kirk, Scott T. Kelley, George B. Spegelman, & Norman R. Pace.** 2003. "The Genetic Core of the Universal Ancestor." *Genome Research* **13** (March): 407-412.
- Harris, Jerald D., & Alex Downs.** 2002. "A drepanosaurid pectoral girdle from the Ghost Ranch (Whitaker) *Coelophysis* Quarry (Chinle Group, Rock Point Formation, Rhaetian) New Mexico." *Journal of Vertebrate Paleontology* **22** (March): 70-75.
- Harris, Judith Rich.** 2006. "Parental Selection: A Third Selection Process in the Evolution of Human Hairlessness and Skin Color." *Medical Hypotheses* **66** (6): 1053-1059.
- Harris, Kelley.** 2015. "Evidence for recent population-specific evolution of the human mutation rate." *Proceedings of the National Academy of Sciences* **112** (17 March): 3439-3444.
- Harris, Kelley, & Rasmus Nielsen.** 2016. "The Genetic Cost of Neanderthal Introgression." *Genetics* **203** (June): 881-891.
- Harris, Kenneth D.** 2015. "Cortical computation in mammals and birds." *Proceedings of the*

- National Academy of Sciences* **112** (17 March): 3184-3185.
- Harris, Larry G., S. Anne Böttger, Charles W. Walker, & Michael P. Lesser**, eds. 2010. *Echinoderms: Durham*. Proceedings of the 12th International Echinoderm Conference (Durham, New Hampshire) 7-11 August 2006. Boca Raton, Florida: CRC Press.
- Harris, Lee**. 2008. "Why We Are Still Arguing About Darwin." *Ideas in Action* posting 12 January (online text at www.ideasinactiontv.com accessed 8/13/2013).
- Harris, Matthew P., John F. Fallon, & Richard O. Prum**. 2002. "Shh-Bmp2 Signaling Module and the Evolutionary Origin and Diversification of Feathers." *Journal of Experimental Zoology* **294** (15 August): 160-176.
- Harris, Matthew P., Sean M. Hasso, Mark W. J. Ferguson, & John F. Fallon**. 2006. "The Development of Archosaurian First-Generation Teeth in a Chicken Mutant." *Current Biology* **16** (21 February): 371-377.
- Harris, Matthew P., Scott Williamson, John F. Fallon, Hans Meinhardt, & Richard O. Prum**. 2005. "Molecular evidence for an activator-inhibitor mechanism in development of embryonic feather branching." *Proceedings of the National Academy of Sciences* **102** (16 August): 11734-11739.
- Harris, Paul L., Deborah T. Bartz, & Meredith L. Rowe**. 2017. "Young children communicate their ignorance and ask questions." *Proceedings of the National Academy of Sciences* **114** (25 July): 7884-7891.
- Harris, R. A., J. Rogers, & A. Milosavljevic**. 2007. "Human-Specific Changes of Genome Structure Detected by Genomic Triangulation." *Science* **316** (13 April): 235-237.
- Harris, R. Allen, Suzette D. Tardif, Yomas Vinar, Derek E. Wildman, Julienne N. Rutherford, Jeffrey Rogers, Kim C. Worley, & Kjersti M. Aagaard**. 2014. "Evolutionary genetics and implications of small size and twinning in callitrichine primates." *Proceedings of the National Academy of Sciences* **111** (28 January): 1467-1472.
- Harris, Rayna M., & Hans A. Hofmann**. 2015. "Seeing is believing: Dynamic evolution of gene families." *Proceedings of the National Academy of Sciences* **112** (3 February): 1252-1253.
- Harris, R. W.** 1961. "Some Cretaceous-Eocene Foraminiferal Mutations From the U.S. Gulf Coastal Plain." *Proceedings of the Oklahoma Academy of Science* **41**: 112-117.
- Harris, Rebecca B., Sharon M. Birks, & Adam D. Leaché**. 2014. "Incubator birds: biogeographical origins and evolution of underground nesting in megapodes (Galliformes: Megapodiidae)." *Journal of Biogeography* **41** (November): 2045-2056.
- Harris, Richard J., Andrew W. Young, & Timothy J. Andrews**. 2012. "Morphing between expressions dissociates continues from categorical representations of facial expression in the human brain." *Proceedings of the National Academy of Sciences* **109** (18 December): 21164-21169.
- Harris, R. Laird**. 1936. "Current Evangelical Books—Reviewed: The New Geology." *The Evangelical Student* **XI** (January): 28.
- Harris, Sam**. 2004. *The End of Faith: Religion, Terror, and the Future of Reason*. New York: W. W. Norton & Co.
- . 2006. *Letter to a Christian Nation*. New York: Alfred A. Knopf.
- . 2009. "Science Is in the Details." *The New York Times* posting 26 July: online text accessed 2/14/2011 (www.nytimes.com).
- . 2010. *The Moral Landscape: How Science Can Determine Human Values*. New York: The Free Press.
- . 2012a. *Free Will*. New York: The Free Press.
- . 2012b. "Response to Controversy." *Sam Harris* 9 August posting (online text at www.samharris.org accessed 9/21/2012).
- . 2014. "Why Don't I Criticize Israel?" *Sam Harris* 27 July posting (online text at www.samharris.org accessed 8/13/2014).
- . 2015a. "The Limits of Discourse as Demonstrated by Sam Harris and Noam Chomsky." *Sam Harris* 1 May posting (online text at www.samharris.org accessed 5/1/2015).
- . 2015b. "Faith vs. Fact: An Interview with Jerry Coyne." *Sam Harris* 19 May podcast

- posting (online audio at www.samharris.org accessed 5/19/2015).
- Harris, Sam, Jonas T. Kaplan, Ashley Curiel, Susan Y. Bookheimer, Marco Iacoboni, & Mark S. Cohen.** 2009. “The Neural Correlates of Religious and Nonreligious Belief.” *PLoS ONE* (online @ plosone.org) **4** (October): e0007272.
- Harris, Sam, Sameer A. Sheth, & Mark S. Cohen.** 2008. “Functional Neuroimaging of Belief, Disbelief, and Uncertainty.” *Annals of Neurology* **63** (February): 141-147.
- Harris, Simon R., Edward J. Fell, Matthew T. G. Holden, Michael A. Quail, Emma K. Nickerson, Narisara Chantratita, Susana Gardete, Ana Tavares, Nick Day, Jodi A. Lindsay, Jonathan D. Edgeworth, Herminia de Lencastre, Julian Parkhill, Sharon J. Peacock, & Stephen D. Bentley.** 2010. “Evolution of MRSA During Hospital Transmission and Intercontinental Spread.” *Science* **327** (22 January): 469-474.
- Harris, Steven J.** 2002. “Roman Catholicism Since Trent,” in Ferngren (2002, 247-259).
- Harris, Steven Michael.** 2002a. “Unified Theory of the Nervous System and Behavior.” *Steven Michael Harris* posting (online text at www.stevenmichaelharris.com accessed 10/27/2014).
- . 2002b. “Comments on the Scientific American issue of August 2002 titled The Hidden Mind – Article: How the Brain Creates the Mind by Antonio R. Damasio.” *Steven Michael Harris* posting (online text at www.stevenmichaelharris.com accessed 10/27/2014).
- Harris, Trevor.** 2010. “How did they build the Great Pyramid?—an architect’s proposal.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **24** (3): 60-66.
- Harris, William A.** 1997. “Pax-6: Where to be conserved is not conservative.” *Proceedings of the National Academy of Sciences* **94** (18 March): 2098-2100.
- Harris, William S.** 2000. “Remarks Made to the Kansas State Board of Education on December 12, 2000 as read by Brad Cook.” Kansas *Intelligent Design Network* posting (online text at intelligentdesignnetwork.org accessed 1/8/2002).
- Harris, William S., & John H. Calvert.** 2003. “Intelligent Design: The Scientific Alternative to Evolution.” *National Catholic Bioethics Quarterly* (Autumn): 531-561.
- . 2005. “Before the Science Committee of the Kansas State Board of Education.” Kansas *Intelligent Design Network* posting of 26 May statement (online pdf at intelligentdesignnetwork.org accessed 6/16/2013).
- Harris, William S., Manohar Gowda, Jerry W. Kolb, Christopher P. Strychacz, James L. Vacek, Philip G. Jones, Alan Forker, James H. O’Keefe, & Ben D. McCallister.** 1999. “A Randomized, Controlled Trial of the Effects of Remote, Intercessory Prayer on Outcomes in Patients, Admitted to the Coronary Care Unit.” *Archives of Internal Medicine* **159** (25 October): 2273-2278.
- Harrison, Douglas.** 2012. “The Gospel Church and the Ruining of Gay Lives: An Interview with Anthony Heilbut.” *Religion Dispatches* 30 July posting (online text at religiondispatches.org accessed 8/1/2012).
- Harrison, G. L. (Abby), P. A. McLenachan, M. J. Phillips, Kerryn E. Slack, Alan Cooper, & David Penny.** 2004. “Four New Avian Mitochondrial Genomes Help Get to Basic Evolutionary Questions in the Late Cretaceous.” *Molecular Biology and Evolution* **21** (June): 974-983.
- Harrison, Jeffrey J.** 2013. “Dinosaurs in the Bible.” *To The Ends Of The Earth* 11 July updated posting (online text at www.totheends.com accessed 9/7/2013).
- Harrison, Jon F.** 2015. “Evolvability and nonevolvability of allometric slopes.” *Proceedings of the National Academy of Sciences* **112** (3 November): 13426-13427.
- Harrison, Jon F., Alexander Kaiser, & John M. VandenBrooks.** 2010. “Atmospheric oxygen level and the evolution of insect body size.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (7 July): 1937-1946.
- Harrison, Judy.** 2017. “Augusta ed tech claims she was told not to say, ‘I will pray for you’.” *Bangor Daily News* (Bangor, Maine) posting 17 May (online text at bangordailynews.com accessed 5/26/2017).
- Harrison, Luke B., & Hans C. E. Larsson.** 2008. “Estimating Evolution of Temporal Sequence Changes: A Practical Approach to Inferring Ancestral Developmental Sequences and

- Sequence Heterochrony.” *Systematic Biology* **57** (June): 378-387.
- Harrison, Paul M., Anuj Kumar, Ning Lang, Michael Snyder, & Mark Gerstein.** 2002. “A question of size: the eukaryotic proteome and the problems in defining it.” *Nucleic Acids Research* **30** (1 March): 1083-1090.
- Harrison, Paul M., Duncan Milburn, Zhaolei Zhang, Paul Bertone, & Mark Gerstein.** 2003. “Identification of pseudogenes in the *Drosophila melanogaster* genome.” *Nucleic Acids Research* **31** (1 February): 1033-1037.
- Harrison, Paul M., Deyou Zheng, Zhaolei Zhang, Nicholas Carrero, & Mark Gerstein.** 2005. “Transcribed processed pseudogenes in the human genome: an intermediate form of expressed retrosequence lacking protein-coding ability.” *Nucleic Acids Research* **33** (28 April): 2374-2383.
- Harrison, Peter.** 2009. “Myth 12: That René Descartes Originated the Mind-Body Distinction,” in Numbers (2009a, 107-114).
- Harrison, Stephen C., & Tomas Kirchhausen.** 2010. “Conservation in vesicle coats.” *Nature* **466** (26 August): 1048.
- Harrison, Terry.** 2010. “Apes Among the Tangled Branches of Human Origins.” *Science* **327** (29 January): 532-534.
- Harrison, Terry,** ed. 2011. *Paleontology and Geology of Laetoli: Human Evolution in Context. Volume 1: Geology, Geochronology, Paleocology.* New York: Springer.
- Harrison, T. M., J. Blichert-Toft, W. Müller, F. Albarede, P. Holden, & S. J. Mojzsis.** 2005. “Heterogeneous Hadean Hafnium: Evidence of Continental Crust at 4.4 to 4.5 Ga.” *Science* **310** (23 December): 1947-1950.
- . 2006. “Response to Comment on ‘Heterogeneous Hadean Hafnium: Evidence of Continental Crust at 4.4 to 4.5 Ga’.” *Science* **312** (26 May): 1139.
- Harris Poll.** 2009. “What People Do and Do Not Believe In,” 15 December posting (online pdf at harrisinteractive.com accessed 12/21/2009).
- . 2011. “Most Americans Opposed to Banning Any Books,” 12 April posting (online pdf at harrisinteractive.com accessed 4/15/2011).
- Harrold, Francis B.** 1990. “Past Imperfect: Scientific Creationism and Prehistoric Archeology.” *Creation/Evolution* **10** (Summer): 1-11.
- Harrub, Brad.** 2001. “Haeckel’s Hoax—CONTINUED!” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 6/8/2012).
- . 2002a. “What are Your Children Really Learning in School?” *Reason & Revelation* **22** (January): 4.
- . 2002b. “Father, Or Father-in-Law?” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 7/3/2002).
- . 2003. “Disputing the Dinosaurs.” *Apologetics Press* 23 May posting (online text at www.apologeticspress.org accessed 11/16/2011).
- . 2004. “The Duck-Billed Platypus Gets Even More Confusing.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 9/9/2013).
- . 2005a. “Panada—Not Your Ordinary Bear!” *Apologetics Press* posting of *Discovery Magazine* 1 March article (online text at www.apologeticspress.org accessed 6/1/2012).
- . 2005b. “The Unevolvable Circulatory System.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 12/23/2011).
- . 2005c. “Living F-14s.” *Apologetics Press* 26 September posting (online text at www.apologeticspress.org accessed 11/16/2011).
- . 2006. “Horsefeathers!” *Apologetics Press* 20 March posting (online text at www.apologeticspress.org accessed 11/16/2011).
- . 2015. “A Dinosaur Discovered in a Mammal’s Stomach?!” *The Creation Club* 1 June posting (online text at thecreationclub.com accessed 4/2/2016).
- Harrub, J. Bradford, & Thaddeus S. Nowak Jr.** 1998. “Cryptic Expression of the 70-kDa Heat Shock Protein, hsp72, in Gerbil Hippocampus after Transient Ischemia.” *Neurochemical Research* **23** (May): 703-708.
- Harrub, Brad, & Bert Thompson.** 2001a. “Archaeopteryx, Archaeoraptor, and the ‘Dinosaurs-

- To-Birds' Theory (Part I)." *Reason & Revelation* **21** (April): 25-32.
- . 2001b. "Archaeopteryx, Archaeoraptor, and the 'Dinosaurs-To-Birds' Theory (Part II)." *Reason & Revelation* **21** (May): 33-39.
- . 2002. "Do Human and Chimpanzee DNA Indicate an Evolutionary Relationship?" *Apologetics Press* posting (online text at www.apologeticspress.org accessed 4/14/2015).
- . 2003. "Lucy Dethroned." *Reason & Revelation* **23** (May): 17-20.
- . 2004a. "The Origin of the Brain and Mind [Part I]." *Reason & Revelation* **24** (January): 1-8.
- . 2004b. "The Origin of the Brain and Mind [Part II]." *Reason & Revelation* **24** (February): 9-15.
- Harrub, Brad, Bert Thompson, & Dave Miller.** 2003. "The origin of language and communication." *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **17** (3): 93-101.
- . 2004. "'This is the Way God Made Me'—A Scientific Examination of Homosexuality and the 'Gay Gene'." *Reason & Revelation* **24** (August): 23-29.
- Harsdorf, Sheila, David Craig, Chris Kapenga, Duey Stroebel, Jesse Kremer, Robin Vos, David Murphy, Scott Allen, Janel Brandtjen, Robert Brooks, Cindi Duchow, Cody Horlacher, Rob Hutton, Terry Katsma, Joel Kleefisch, Daniel R. Knodl, Dale Kooyenga, Mike Kuglitsch, Bob Kulp, Jeffrey Mursau, Kevin Petersen, Romaine Quinn, Mike Rohrkaste, Joe Sanfelippo, Ken Skowronski, John Spiros, Gary Tauchen, Jeremy Thiesfeldt, Paul Tittl, Ron Tusler, Tyler Vorpapel, & Chuck Wichgers .** 2017. "Senate Bill 250." Introduced Wisconsin Senate legislation (online pdf at docs.legis.wisconsin.gov accessed 6/29/2017).
- Harsh, Bob.** 2003a. "ICON #5 Archaeopteryx: THE MISSING LINK." Creation Science Fellowship *Origins Insights* (January) newsletter posting (online pdf at www.csfpittsburgh.org accessed 3/27/2014).
- . 2003b. "The Origin of Eukaryotic Cells." Creation Science Fellowship *Origins Insights* (April) newsletter posting (online pdf at www.csfpittsburgh.org accessed 3/27/2014).
- . 2003c. "The Origin of Eukaryotic Cells Part 2." Creation Science Fellowship *Origins Insights* (May) newsletter posting (online pdf at www.csfpittsburgh.org accessed 3/27/2014).
- Harshaw, Christopher.** 2015. "Comment on 'Number-space mapping in the newborn chick resembles humans' mental number line'." *Science* **348** (26 June): 1438.
- Harshman, John, Edward L. Braun, Michael J. Braun, Christopher J. Huddleston, Rauri C. K. Bowie, Jena L. Chojnowski, Shannon J. Hackett, Kin-Lan Han, Rebecca T. Kimball, Ben D. Marks, Kathleen J. Miglia, William S. Moore, Sushma Reddy, Frederick H. Sheldon, David W. Steadman, Scott J. Steppan, Christopher C. Witt, & Tamaki Yuri.** 2008. "Phylogenomic evidence for multiple losses of flight in ratite birds." *Proceedings of the National Academy of Sciences* **105** (9 September): 13462-13467.
- Hart, Benjamin L.** 1990. "Behavioral adaptations to pathogens and parasites: Five strategies." *Neuroscience & Biobehavioral Reviews* **14** (Autumn): 273-294.
- . 2011. "Behavioural defences in animals against pathogens and parasites: parallels with the pillars of medicine in humans." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (12 December): 3406-3417.
- Hart, David B.** 2010. "The Perniciously Persistent Myths of Hypatia and the Great Library." First Things *On the Square* posting 4 June (online text at firstthings.com accessed 11/21/2010).
- . 2013. "Is, Ought, and Nature's Laws." First Things *The Back Page* March posting (online text at firstthings.com accessed 10/27/2015).
- . 2015a. "Reason's Faith." *First Things* March posting (online text at firstthings.com accessed 10/27/2015).
- . 2015b. "Vinculum Magnum Entis." *First Things* April posting (online text at firstthings.com accessed 10/27/2015).
- Hart, James L.** 1997. "An open letter to the U.S. Congress." *James Hart for Congress* posting

- (online text at www.jameshartforcongress.com accessed 12/29/2013).
- . 2010. “James Hart for Congress.” *James Hart for Congress* homepage (online text at www.jameshartforcongress.com accessed 12/29/2013).
- Hart, Kathleen Robin, & John H. Long Jr.** 2011. “Animal Metaphors and Metaphorizing Animals: An Integrated Literary, Cognitive, and Evolutionary Analysis of Making and Partaking of Stories.” *Evolution: Education & Outreach* **4** (March): 52-63.
- Hart, Kathryn M., Michael J. Harms, Bryan H. Schmidt, Carolyn Elya, Joseph W. Thornton, & Susan Marqusee.** 2014. “Thermodynamic System Drift in Protein Evolution.” *PLoS Biology* (online @ plosbiology.org) **12** (November): e1001994.
- Hart, Michael W., & Richard K. Grosberg.** 2009. “Caterpillars did not evolve from onychophorans by hybridogenesis.” *Proceedings of the National Academy of Sciences* **106** (24 November): 19906-19907.
- Hart, Robbie, Jan Salick, Sailesh Ranjitkar, & Jianchu Xu.** 2014. “Herbarium specimens show contrasting phenological responses to Himalayan climate.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10615-10619.
- Hartig, Gerrit, Gennady Churakov, Wesley C. Warren, Jürgen Brosius, & Wojciech Makalowski.** 2013. “Retrophylogenomics Place Tarsiers on the Evolutionary Branch of Anthropoids.” *Scientific Reports* (online @ www.nature.com/srep/) **3** (30 April): 1756.
- Hartig, Otto.** 1908. “Cosmas Indicopleustes.” *New Advent* posting of *Catholic Encyclopedia* entry (online text at newadvent.org accessed 2/3/2003).
- Hartl, Daniel L., Dmitry I. Nurminsky, Robert W. Jones, & Elena R. Lozovskaya.** 1994. “Genome structure and evolution in *Drosophila*: Applications of the framework P1 map.” *Proceedings of the National Academy of Sciences* **91** (19 July): 6824-6829.
- Hartl, F. Ulrich, Andreas Bracher, & Manajit Hayer-Hartl.** 2011. “Molecular chaperones in protein folding and proteostasis.” *Nature* **475** (21 July): 324-332.
- Hartl, Markus, Anna-Maria Mitterstiller, Taras Valovka, Kathrin Breuker, Bert Hobmayer, & Klaus Bister.** 2010. “Stem cell-specific activation of an ancestral *myc* protooncogene with conserved basic functions in the early metazoan *Hydra*.” *Proceedings of the National Academy of Sciences* **107** (2 March): 4051-4056.
- Hartley, Catherine A., Morgan C. McKenna, Rabia Salman, Andrew Holmes, B. J. Casey, Elizabeth A. Phelps, & Charles E. Glatt.** 2012. “Serotonin transporter polyadenylation polymorphism modulates the retention of fear extinction memory.” *Proceedings of the National Academy of Sciences* **109** (3 April): 5493-5498.
- Hartman, Byron H., Thomas A. Reh, & Olivia Bermingham-McDonogh.** 2010. “Notch signaling specifies prosensory domains via lateral induction in the developing mammalian inner ear.” *Proceedings of the National Academy of Sciences* **107** (7 September): 15792-15797.
- Hartman, Gideon, Ofer Bar-Yosef, Alex Brittingham, Leore Grosman, & Natalie D. Munro.** 2016. “Hunted gazelles evidence cooling, but not drying, during the Younger Dryas in the southern Levant.” *Proceedings of the National Academy of Sciences* **113** (12 April): 3997-4002.
- Hartman, Hyman, & Alexei Fedorov.** 2002. “The origin of the eukaryotic cell: A genomic investigation.” *Proceedings of the National Academy of Sciences* **99** (5 February): 1420-1425.
- Hartman, Hyman, & Temple F. Smith.** 2014. “The Evolution of the Ribosome and the Genetic Code.” *Life* (Basel) **4** (20 May): 227-249.
- Hartman, Joseph H.** 1998. “The stratigraphy of Mesozoic and Early Cenozoic nonmarine mollusks of Colorado.” *Proceedings of the Denver Museum of Natural History* **13** (1 April): 1-15.
- Hartmann, Lee, Nuria Calvet, Dan M. Watson, P. D’Alessio, E. Furlan, B. Sargent, W. J. Forrester, K. I. Uchida, J. D. Green, G. C. Sloan, C. H. Chen, J. Najita, F. Kemper, T. L. Herter, P. Morris, D. J. Barry, & P. Hall.** 2005. “The Accretion Disk of the Lithium-depleted Young Binary St 34.” *The Astrophysical Journal* **628** (1 August): L147-:150.
- Hartmann, Markus, Thomas R. Schneider, Andrea Pfeil, Gabriele Heinrich, William N.**

- Lipscomb, & Gerhard H. Braus.** 2003. "Evolution of feedback-inhibited β/α barrel isoenzymes by gene duplication and a single mutation." *Proceedings of the National Academy of Sciences* **100** (4 February): 862-867.
- Hartmann, Thom.** 2014. "The Ayn-Rand Loving Billionaires and Vast Right-Wing Machine Behind David Brat" *AlterNet Tea Party and the Right* 11 June posting (online text at alternet.org accessed 6/15/2014).
- Hartmann, Timo, Peter Geissler, & Wolfgang Böhme.** 2011. "*Leiolepis* (Squamata: Agamidae) farming in southern Vietnam and a new size record in butterfly lizards." *Herpetological Bulletin* **117**: 15–18.
- Hartmann, William K., & Ron Miller.** 1991. *The History of Earth: An Illustrated Chronicle of an Evolving Planet*. New York: Workman Publishing.
- Hartnett, John.** 2007. "A 5D spherically symmetric expanding universe is young." *Journal of Creation* (AKA *Answers in Genesis Creation ex Nihilo Technical Journal*) **21** (1): 69-74.
- . 2013. "Real History in Chinese Script." *John Gideon Hartnett* 20 December posting (online text at johnhartnett.org accessed 6/8/2014).
- Hartsfield, Tom.** 2012. "Obama vs. Romney: Who Is Better for Science?" *RealClearScience* 5 November posting (online text at www.realclearscience.com accessed 2/6/2013).
- . 2013. "Barefoot Running: Not Natural or Better." *RealClearScience* 29 January posting (online text at www.realclearscience.com accessed 2/6/2013).
- Hartwig, Mark.** 1995. "Challenging Darwin's Myths." Moody Bible Institute *Moody Magazine* (May) posting at *Access Research Network* (online text at www.arn.org accessed 2/6/2014).
- . 1996. "Darwinists Deny the Obvious." Focus on the Family *Citizen Magazine* posting at *Access Research Network* (online text at www.arn.org accessed 11/26/2013).
- . 1999. "Evolution Controversy not Caused by Religious Fanatics." *Montgomery Journal* (25 August) posting at *Access Research Network* (online text at www.arn.org accessed 11/26/2013).
- . 2000a. "Was Darwin Right After All?" *Boundless* website (19 April) posting at *Access Research Network* (online text at www.arn.org accessed 11/26/2013).
- . 2000b. "The World of Design." Focus on the Family *Teachers in Focus Magazine* posting (online text at www.family.org accessed 10/16/2001).
- . 2000c. "Crumbling Icons." *Boundless* website (7 December) posting at *Access Research Network* (online text at www.arn.org accessed 11/26/2013).
- . 2002a. "Krauss Goes Ballistic over ID; NSF's Biennial 'Science Literacy' Survey." *The Wedge Update* for 5 May (online text at www.arn.org accessed 5/7/2002).
- . 2002b. "Evolution Rerun to Backfire; New Poll from Ohio." *The Wedge Update* for 13 May (online text at www.arn.org accessed 5/15/2002).
- . 2002c. "Nanoarchaeum: How Low Can You Go?" *The Wedge Update* for 31 May (online text at www.arn.org accessed 6/2/2002).
- . 2002d. "Ohio's Largest Paper Flips; The Wedge in Brazil." *The Wedge Update* for 13 June (online text at www.arn.org accessed 7/2/2002).
- . 2002e. "A Shift Toward Substance; ID Network Conference." *The Wedge Update* for 30 June (online text at www.arn.org accessed 7/2/2002).
- . 2002f. "Tell Me Another One." *The Wedge Update* for 18 July (online text at www.arn.org accessed 7/19/2002).
- . 2002g. "Huffing and Puffing in Cobb County." *The Wedge Update* for 25 September (online text at www.arn.org accessed 9/30/2002).
- . 2002h. "'Teaching the Controversy' Wins in Ohio." *The Wedge Update* for 23 October (online text at www.arn.org accessed 10/29/2002).
- . 2002i. "Darwinian Resolution." *The Wedge Update* for 4 December (online text at www.arn.org accessed 12/9/2002).
- Hartwigsen, Gesa, Dorothee Saur, Cathy J. Price, Stephan Ulmer, Annette Baumgaertner, & Hartwig R. Siebner.** 2013. "Perturbation of the left inferior frontal gyrus triggers adaptive plasticity in the right homologous area during speech." *Proceedings of the National Academy of Sciences* **110** (8 October): 16402-16407.

- Hartz, Ebbe H., & Trond H. Torsvik.** 2002. "Baltica upside down: A new plate tectonic model for Rodinia and the Iapetus Ocean." *Geology* **30** (March): 255-258.
- Harvati, Katerina.** 2009. "Extinction and the Evolution of Humankind," in Brockman (2009, 212-223).
- . 2010. "Neanderthals." *Evolution: Education & Outreach* **3** (September): 367-376.
- Harvati, Katerina, Stephen R. Frost, & Kieran P. McNulty.** 2004. "Neanderthal taxonomy reconsidered: Implications of 3D primate models of intra- and interspecific differences." *Proceedings of the National Academy of Sciences* **101** (3 February): 1147-1152.
- Harvey, B. M., B. P. Klein, N. Petridou, & S. O. Dumoulin.** 2013. "Topographic Representation of Numerosity in the Human Parietal Cortex." *Science* **341** (6 September): 1123-1126.
- Harvey, Christopher D., Philip Coen, & David W. Tank.** 2012. "Choice-specific sequences in parietal cortex during a virtual-navigation decision task." *Nature* **484** (5 April): 62-68.
- Harvey, David, Richard Massey, Thomas Kitching, Andy Taylor, & Eric Tittley.** 2015. "The nongravitational interactions of dark matter in colliding galaxy clusters." *Science* **347** (27 March): 1462-1465.
- Harvey, Joy.** 1997. *"Almost a Man of Genius": Clémence Royer, Feminism, and Nineteenth-Century Science.* New Brunswick, NJ: Rutgers University Press.
- Harvey, Michael G., Glenn F. Seeholzer, Brian Tilston Smith, Daniel L. Rabosky, Andrés M. Cuervo, & Robb T. Brumfield.** 2017. "Positive association between population genetic differentiation and speciation rates in New World birds." *Proceedings of the National Academy of Sciences* **114** (13 June): 6328-6333.
- Harvey, Paul.** 2010a. "The Brutality of the American Eden." *Religion Dispatches* 18 October posting (online text at religiondispatches.org accessed 10/18/2010).
- . 2010b. "'Liberal Nazis': The Republican Crusade Against NPR." *Religion Dispatches* 7 December (online text at religiondispatches.org accessed 12/8/2010).
- . 2011a. "Congress Reads the Constitution, Tea-Party Style." *Religion Dispatches* 7 January (online text at religiondispatches.org accessed 1/10/2011).
- . 2011b. "Selling the Idea of a Christian Nation: David Barton's Alternate Intellectual Universe." *Religion Dispatches* 10 May (online text at religiondispatches.org accessed 5/13/2011).
- . 2012a. "Keeping the 'Southern' in Southern Baptist Convention." *Religion Dispatch* 21 February (online text at religiondispatches.org accessed 2/22/2012).
- . 2012b. "It's Barack v. the Bible, Says Barton." *Religion Dispatches* 9 March (online text at religiondispatches.org accessed 3/12/2012).
- . 2012c. "The Quixotic Task of Debunking David Barton." *Religion Dispatches* 3 June (online text at religiondispatches.org accessed 6/4/2012).
- . 2012d. "Unnatural Disaster: When Conservative Theology & The Free Market Meet Wildfires." *Religion Dispatches* 2 July (online text at religiondispatches.org accessed 7/4/2012).
- . 2012e. "David Barton: Falling from Grace?" *Religion Dispatches* 10 August (online text at religiondispatches.org accessed 8/13/2012).
- . 2013a. "History Channel's *The Bible* Keeps Conservatives (Mostly) Happy and Jesus White." *Religion Dispatches* 5 March (online text at religiondispatches.org accessed 3/9/2013).
- . 2013b. "U. of Colorado Appoints 'Scholar of Conservative Thought'." *Religion Dispatches* 15 March (online text at religiondispatches.org accessed 3/23/2013).
- . 2013c. "Hebrew Bible as *Lord of the Rings*." *Religion Dispatches* 17 March (online text at religiondispatches.org accessed 3/23/2013).
- . 2013d. "*The Bible*, Brought To You By Wal-Mart." *Religion Dispatches* 1 April (online text at religiondispatches.org accessed 4/2/2013).
- Harvey, Thomas H. P.** 2010. "Carbonaceous preservation of Cambrian hexactinellid sponge spicules." *Royal Society Biology Letters* **6** (December): 834-837.
- Harvey, Thomas H. P., Xiping Dong, & Philip C. J. Donoghue.** 2010. "Are palaeoscolecid

- ancestral ecdysozoans?" *Evolution & Development* **12** (March-April): 177-200.
- Harvey, Thomas H. P., Maria I. Vélez, & Nicholas J. Butterfield.** 2012. "Exceptionally preserved crustaceans from western Canada reveal a cryptic Cambrian radiation." *Proceedings of the National Academy of Sciences* **109** (31 January): 1589-1594.
- Harwood, Tim.** 2001. "Towards A Grand Unified Theory of Evolution." *Area 51* undated posting (online text at www.geocities.com/Area51/Rampart/4871/ accessed 5/18/2001, not available as of 7/5/2014).
- Harzsch, Steffen, & Carsten H. G. Müller.** 2007. "A new look at the ventral nerve centre of *Sagitta*: implications for the phylogenetic position of Chaetognatha (arrow worms) and the evolution of the bilaterian nervous system." *Frontiers in Zoology* (online @ frontiersinzoology.com) **4** (18 May): 14.
- Hasan, A. M. Mahedi, & David R. F. Leach.** 2015. "Chromosomal directionality of DNA mismatch repair in *Escherichia coli*." *Proceedings of the National Academy of Sciences* **112** (28 July): 9388-9393.
- Hasan, Lara, Peter Vögeli, Peter Stoll, Špela Špilar Kramer, Gerald Stranzinger, & Stefan Neuenschwander.** 2004. "Intragenic deletion in the gene encoding L-gulonolactone oxidase causes vitamin C deficiency in pigs." *Mammalian Genome* **15** (April): 323-333.
- Hasan, Mehdi.** 2012. "Dawkins Is Wrong – Religion Is Rational." *Huffpost Politics* posting 24 December (online text at huffingtonpost.com accessed 3/16/2013).
- Hasan, Usama.** 2008. "Knowledge regained." *The Guardian* posting 11 September (online text at guardian.co.uk accessed 3/13/2011).
- Haschke, M., W. Siebel, A. Günther, & E. Scheuber.** 2002. "Repeated crustal thickening and recycling during the Andean orogeny in north Chile (21°-26°S)." *Journal of Geophysical Research: Solid Earth (1978-2012)* **107** (January): ECF 6-1-ECV 6-18.
- Hasegawa, Kazuteru, & Yumiko Saga.** 2012. "Retinoic acid signaling in Sertoli cells regulates organization of the blood-testis barrier through cyclical changes in gene expression." *Development (AKA Journal of Embryology and Experimental Morphology)* **139** (December): 4347-4355.
- Hasegawa, Masami, & Tetsuo Hashimoto.** 1999. "Phylogenetic Position of Amitochondriate Protists in the Evolution of Eukaryotes." *The Biological Bulletin* **196** (June): 389-392.
- Haselton, Martie G., & David M. Buss.** 2009. "Error management theory and the evolution of misbeliefs." *Behavioral and Brain Sciences* **32** (6): 522-523.
- Haselton, Martie G., Daniel Nettle, & Paul W. Andrews.** 2005. "The Evolution of Cognitive Bias," in Buss (2005, 724-746).
- Hasemi, Takatoshi, Takashi Kikukawa, Naoki Kamo, & Makoto Demura.** 2016. "Characterization of a Cyanobacterial Chloride-pumping Rhodopsin and Its Conversion into a Proton Pump." *The Journal of Biological Chemistry* **291** (1 January): 355-362.
- Hasenfuss, Ivar.** 2008. "The Evolutionary Pathway to Insect Flight—a Tentative Reconstruction." *Arthropod Systematics & Phylogeny* **66** (1): 19-35.
- Hashemi, Parastoo, Elyse C. Dankoski, Rinchen Lama, Kevin M. Wood, Pavel Takmakov, & R. Mark Wightman.** 2012. "Brain dopamine and serotonin differ in regulation and its consequences." *Proceedings of the National Academy of Sciences* **109** (17 July): 11310-11515.
- Hashimoto, George L., Yutaka Abe, & Seiji Sugita.** 2007. "The chemical composition of the early terrestrial atmosphere: Formation of a reducing atmosphere from CI-like material." *Journal of Geophysical Research* **112** (May): E05010.
- Hashimoto, Teruo, Kenichi Ueno, Akitoshi Ogawa, Takeshi Asamizuya, Chisato Suzuki, Kang Cheng, Michio Tanaka, Miki Taoka, Yoshiaki Iwamura, Gen Suwa, & Atsushi Iriki.** 2013. "Hand before foot? Cortical somatotopy suggests manual dexterity is primitive and evolved independently of bipedalism." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **368** (19 November): 20120417.
- Hashimshony, Tamar, Martin Feder, Michal Levin, Brian K. Hall, & Itai Yanai.** 2015. "Spatiotemporal transcriptomics reveals the evolutionary history of the endoderm germ layer." *Nature* **519** (12 March): 219-222.

- Hashiyama, Kazuya, Yoshiki Hayashi, & Satoru Kobayashi.** 2011. “*Drosophila Sex lethal* Gene Initiates Female Development in Germline Progenitors.” *Science* **333** (12 August): 885-888.
- Hashizume, Hideo.** 2015. “Adsorption of Nucleic Acid Bases, Ribose, and Phosphate by Some Clay Minerals.” *Life* (Basel) **5** (27 February): 637-650.
- Hashizume, H., B. K. G. Theng, & A. Yamagishi.** 2002. “Adsorption and discrimination of alanine and alanyl-alanine enantiomers by allophane.” *Clay Minerals* **37** (September): 551-557.
- Hashmi, Siraj.** 2017. “Lack of diversity in science prompts \$200k study on microaggressions.” *Red Alert Politics* 19 May posting (online text at redalertpolitics.com accessed 5/26/2017).
- Hasiotis, Stephen T., & Russell F. Dubiel.** 1995. “Termite (Insect: Isoptera) nest ichnofossils from the Upper Triassic Chinle Formation, Petrified Forest National Park, Arizona.” *Ichnos* **4** (2): 119-130.
- Hasiotis, Stephen T., Anthony R. Fiorillo, & Rebecca R. Hanna.** 1999. “Preliminary Report on Borings in Jurassic Dinosaur Bones: Evidence for Invertebrate-Vertebrate Interactions,” in Gillette (1999, 193-200).
- Haskins, Shelly.** 2015. “Give Rep. Butler an ‘I love God’ badge and drop anti-evolution bill.” *Alabama Media Group* 10 May updated posting (online text at www.al.com accessed 6/1/2015).
- Haslam, Michael, Michael D. Gumert, Dora Biro, Susana Carvalho, & Suchinda Malaivijitnond.** 2013. “Use-Wear Patterns on Wild Macaque Stone Tools Reveal Their Behavioural History.” *PLoS ONE* (online @ plosone.org) **8** (August): e72872.
- Häsler, Julien, & Katharina Strub.** 2006. “*Alu* elements as regulators of gene expression.” *Nucleic Acids Research* **34** (November #19): 5491-5497.
- Haspel, Gal, Eran Gefen, Amos Ar, J. Gustavo Glusman, & Frederic Libersat.** 2005. “Parasitoid wasp affects metabolism of cockroach host to favor food preservation for its offspring.” *Journal of Comparative Physiology A* (Neuroethology, Sensory, Neural, and Behavioral Physiology) **191** (June): 529-534.
- Haspel, G., & F. Libersat.** 2004. “Wasp Manipulates Cockroach Behavior by Injecting Venom Cocktail Into Prey Central Nervous System.” *Acta Biologica Hungarica* **55** (May): 103-112.
- Haspel, Gal, Lior Ann Rosenberg, & Frederic Libersat.** 2003. “Direct Injection of Venom by a Predatory Wasp into Cockroach Brain.” *Neurobiology* **56** (5 September): 287-292.
- Hassall, Christopher, Chris A. Hebborn, & Carley J. Centen.** 2013. “Climate Change Denial in the Classroom.” *Skeptical Inquirer* **37** (May/June): 40-44.
- Hassanin, Alexandre, & Emmanuel J. P. Douzery.** 1999. “Evolutionary affinities of the enigmatic saola (*Pseudoryx nghetinhensis*) in the context of the molecular phylogeny of Bovidae.” *Proceedings of the Royal Society of London B* (Biological Sciences) **266** (7 May): 893-900.
- Hassel, Sam.** 2011. “American Self-Confidence Shattered? I think not.” *Townhall Daily* for 13 August (online text via townhall.com accessed 8/13/2011).
- Hasselmann, Martin, Sarah Lechner, Christina Schulte, & Marin Beye.** 2010. “Origin of a function by tandem gene duplication limits the evolutionary capability of its sister copy.” *Proceedings of the National Academy of Sciences* **107** (27 July): 13378-13383.
- Hassenkam, T., M. P. Anderson, K. N. Dalby, D. M. Mackenzie, & M. T. Rosing.** 2017. “Elements of Eoarchean life trapped in mineral inclusions.” *Nature* **548** (3 August): 78-81.
- Hassler, Donald M., Cary Zeitlin, R. F. Wimmer-Schweingruber, Bent Ehresmann, Scot Ruffin, Jennifer L. Eigenbrode, David E. Brinza, Gerald Weigle, Stephan Böttcher, Eckart Böhm, Soenke Burmeister, Jingnan Guo, Jan Köhler, Cesar Martin, Guenther Reitz, Francis A. Cucinotta, Myung-Hee Kim, David Grinspoon, Mark A. Bullock, Arik Posner, Javier Gómez-Elvira, Ashwin Vasavada, John P. Grotzinger, & MSL Science Team.** 2014. “Mars’ Surface Radiation Environment Measured with the Mars Science Laboratory’s Curiosity Rover.” *Science* **343** (24 January): 1244797 (online at sciencemag.org).

- Hasson, Uri, Yuval Nir, Ifat Levy, Galit Fuhrmann, & Rafael Malach.** 2004. "Intersubject Synchronization of Cortical Activity During Natural Vision." *Science* **303** (12 March): 1634-1640.
- Hastie, Heather.** 2014. "Reza Aslan Pontificates: Atheism is an Ideology and New Atheists are Violent." *Heather's Homilies* 24 November (online text at www.heatherhastie.com accessed 11/30/2014).
- Hastie, Peter.** 1995. "What's happened to the horse?" *Answers in Genesis Creation* **17** (September): 14-16.
- Hastie, Warwick W., Michael K. Watkeys, & Charles Aubourg.** 2014. "Magma flow in dyke swarms of the Karoo LIP: Implications for the mantle plume hypothesis." *Gondwana Research* **25** (March): 736-755.
- Hastings, Adrian,** ed. 1999. *A World History of Christianity*. 2000 US pb ed. Grand Rapids, MI: William B. Eerdmans Publishing Company.
- Hastings, Alan, & Margaret A. Palmer.** 2003. "A Bright Future for Biologists and Mathematicians?" *Science* **299** (28 March): 2003-2004.
- Hastings, M. G., J. C. Jarvis, & E. J. Steig.** 2009. "Anthropogenic Impacts on Nitrogen Isotopes of Ice-Core Nitrate." *Science* **324** (5 June): 1288.
- Hastings, Robert.** 2006. "A Shot Across the Bow: Another Look at the Big Sur Incident." *International UFO Reporter* article posting (online text at www.cufos.org accessed 11/7/2013).
- . 2009. "Deep Denial or Disinformation?" *UFOs and Nukes* 5 May posting (online text at www.ufohastings.com accessed 11/7/2013).
- . 2012a. "CSI Skeptic Robert Shaeffer Doubts the U.S. Government Uses the Media to Debunk UFOs." *The UFO Chronicles* 29 July posting (online text at www.theufochronicles.com accessed 11/7/2013).
- . 2012b. "Robert Shaeffer's Bogus Claims on Nat Geo's 'Secret History of UFOs': Incompetence or Disinformation?" *The UFO Chronicles* 21 August posting (online text at www.theufochronicles.com accessed 11/7/2013).
- Hastings, Ronnie J.** 1985. "Tracking Those Incredible Creationists." *Creation/Evolution* **5** (Winter): 5-15.
- . 1986. "Tracking Those Incredible Creationists—The Trail Continues." *Creation/Evolution* **6** (Winter): 19-27.
- . 1987. "Tracking Those Incredible Creationists—The Trail Goes On." *Creation/Evolution* **7** (Summer): 30-41.
- . 1995. "A Tale of Two Teeth or, The Best of Teeth, the Worst of Teeth." *Creation/Evolution* **15** (Summer): 1-14.
- Hastorf, Christine A.** 2009. "Rio Balsas most likely region for maize domestication." *Proceedings of the National Academy of Sciences* **106** (31 March): 4957-4958.
- Hatala, Kevin G., Brigitte Deems, & Brian G. Richmond.** 2016. "Laetoli footprints reveal bipedal gait biomechanics different from those of modern humans and chimpanzees." *Proceedings of the Royal Society of London B* (Biological Sciences) **283** (17 August): 20160235.
- Hatala, Kevin G., Heather L. Dingwall, Roshna E. Wunderlich, & Brian G. Richmond.** 2013. "Variation in Foot Strike Patterns during Running among Habitually Barefoot Populations." *PLoS ONE* (online @ plosone.org) **8** (January): e52548.
- Hatch, David.** 2001. "PBS Stations Bracing for 'Evolution' Backlash." *Access Research Network* posting of *Electronic Media Web* 27 August article (online text at www.arn.org accessed 9/27/2001).
- Hatch, Nina.** 2016. "Galaxy formation through cosmic recycling." *Science* **354** (2 December): 1102-1103.
- Hatcher, Everette III.** 2013. "The Long War against God—Henry Morris, part 6 of 6." *The Daily Hatch* 20 June posting (online text at thedailyhatch.org accessed 6/25/2015).
- . 2014. "My correspondence with George Wald and Antony Flew!!!" *The Daily Hatch* 12 May posting (online text at thedailyhatch.org accessed 6/25/2015).

- Hatemi, Peter K., Carolyn L. Funk, Sarah E. Medland, Hermine M. Maes, Judy L. Silberg, Nicholas G. Martin, & Lindon J. Eaves.** 2009. "Genetic and Environmental Transmission of Political Attitudes Over a Life Time." *The Journal of Politics* **71** (July): 1141-1156.
- Hatemi, Peter K., Nathan A. Gillespie, Lindon J. Eaves, Brion S. Maher, Bradley T. Webb, Andrew C. Heath, Sarah E. Medland, David C. Smyth, Harry N. Beeby, Scott D. Gordon, Grant W. Montgomery, Ghu Zhu, Edna M. Byrne, & Nicholas G. Martin.** 2009. "Genetic and Environmental Transmission of Political Attitudes Over a Life Time." *The Journal of Politics* **71** (July): 1141-1156.
- Hatfield, Larry.** 1979. "Educators Against Darwin." *Science Digest Special Edition* (Winter): 94-96.
- Hathaway, David H., & Lisa Rightmire.** 2010. "Variations in the Sun's Meridional Flow over a Solar Cycle." *Science* **327** (12 March): 1350-1352.
- Hattori, Daisuke, Yi Chen, Benjamin J. Matthews, Lukasz Salwinski, Chiara Sabatti, Wesley B. Grueber, & S. Lawrence Zipursky.** 2009. "Robust discrimination between self and non-self neurites requires thousands of Dscam1 isoforms." *Nature* **461** (1 October): 644-648.
- Hattori, Nobuaki, Kazuaki Kitagawa, Shigeo Takumi, & Chiharu Nakamura.** 2002. "Mitochondrial DNA Heteroplasmy in Wheat, Aegilops and Their Nucleus-Cytoplasm Hybrids." *Genetics* **160** (April): 1619-1630.
- Hattori, Shingo, & Kazuyuki Ishii.** 2014. "Magneto-chiral dichroism of aromatic π -conjugated systems." *Optical Materials Express* **4** (November): 2423-2432.
- Hatzes, Artie P.** 2014. "The role of space telescopes in the characterization of transiting exoplanets." *Nature* **513** (18 September): 353-357.
- . 2016. "Earth-like planet around Sun's neighbour." *Nature* **536** (25 August): 408-409.
- Haubensak, Wulf, Prabhat S. Kunwar, Haijiang Cai, Stephane Ciochi, Nicholas R. Wall, Ravikumar Ponnusamy, Jonathan Biag, Hong-Wei Dong, Karl Deisseroth, Edward M. Callaway, Michael S. Fanselow, Andreas Lüthi, & David J. Anderson.** 2010. "Genetic dissection of an amygdala microcircuit that gates conditional fear." *Nature* **468** (11 November): 270-276.
- Hauer, F. Richard, Harvey Locke, Victoria J. Dreitz, Mark Hebblewhite, Winsor H. Lowe, Clint C. Muhlfeld, Cara R. Nelson, Michael F. Proctor, & Stewart B. Rood.** 2016. "Gravel-bed river floodplains are the ecological nexus of glaciated mountain landscapes." *Science Advances* **2** (24 June): e1600026 (online at sciencemag.org).
- Haufe, Chris.** 2008. "Sexual selection and mate choice in evolutionary psychology." *Biology and Philosophy* **23** (January): 115-128.
- Haug, Gerald H., Detlef Günther, Larry C. Peterson, Daniel M. Sigman, Konrad A. Huguen, & Beat Aeschlimann.** 2003. "Climate and the Collapse of Maya Civilization." *Science* **299** (14 March): 1731-1735.
- Haug, Joachim T., & Carolin Haug.** 2013. "An unusual fossil larva, the ontogeny of achelatan lobsters, and the evolution of matamorphosis." *Czech Geological Survey Bulletin of Geosciences* **88** (1): 195-206.
- Haug, Joachim T., Carolin Haug, Andreas Maas, Verena Kutschera, & Dieter Waloszek.** 2010. "Evolution of mantis shrimps (Stomatopoda, Malacostraca) in the light of new Mesozoic fossils." *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (21 September): 290.
- Haug, Joachim T., Carolin Haug, Dieter Waloszek, Andreas Maas, Matthias Wulf, & Günter Schweigert.** 2009. "Development in Mesozoic scyllarids and implications for the evolution of Achelata (Reptantia, Decapoda, Crustacea)." *Palaeodiversity* **2**: 97-110.
- Haug, Joachim T., Andreas Maas, & Dieter Waloszek.** 2010. "†*Henningsmoenicaris scutula*, †*Sandtorpia vestrogothiensis* gen. et sp. nov. and heterochronic events in early crustacean evolution." *Earth and Environmental Transactions of the Royal Society of Edinburgh* **101** (September): 31-350.
- Haug, Joachim T., Andreas Maas, Dieter Waloszek, Philip C. J. Donoghue, & Stefan**

- Bengtson.** 2009. “A new species of *Markuelia* from the Middle Cambrian of Australia.” *Memoirs of the Association of Australasian Palaeontologists* **37**: 303-313.
- Haug, Joachim T., Dieter Waloszek, Carolin Haug, & Andreas Maas.** 2010. “High-level phylogenetic analysis using developmental sequences: The Cambrian †*Martinsonia elongata*, †*Musacaris gerdgeyeri* gen. et sp. nov. and their position in early crustacean evolution.” *Arthropod Structure & Development* **39** (March-May): 154-173.
- Haug, Marion F., Matthias Gesemann, Viktor Lazović, & Stephan C. F. Neuhauss.** 2015. “Eumetazoan Cryptochrome Phylogeny and Evolution.” *Genome Biology and Evolution* **5** (February): 601-619.
- Haught, Brandon.** 2008a. “Trying to keep my lunch down.” *Florida Citizens for Science* posting 17 April (online text at flascience.org accessed 4/17/2008).
- . 2008b. “Early news reports on today’s tap dance.” *Florida Citizens for Science* posting 17 April (online text at flascience.org accessed 4/17/2008).
- . 2008c. “Evolution in the Sunshine State: The Fight Over Evolution in the State Science Standards.” *Reports of the National Center for Science Education* **28** (July-August): 28-31.
- . 2010a. “A fusion of creation science and hip hop.” *Florida Citizens for Science* posting 14 September (online text at flascience.org accessed 9/25/2010).
- . 2010b. “Creationism pops up in textbook adoption process.” *Florida Citizens for Science* posting 22 September (online text at flascience.org accessed 9/25/2010).
- . 2014. *Going Ape: Florida’s Battles over Evolution in the Classroom*. Gainesville, FL: University Press of Florida.
- . 2017a. “Bills threaten science education.” *The Daytona Beach News-Journal* posting 29 March: online text accessed 4/27/2017 (www.news-journalonline.com).
- . 2017b. “Anti-science education bill not benign.” *Tallahassee Democrat* posting 14 April: online text accessed 5/15/2017 (www.tallahassee.com).
- Haught, James A.** 1996. *2000 Years of Disbelief: Famous People with the Courage to Doubt*. Amherst, NY: Prometheus Books.
- Haught, John F.** 2000a. “The Evolution Debate is About Honesty.” *Reports of the National Center for Science Education* **20** (May-June): 33-35.
- . 2000b. “Review: The Wedge of Truth.” *Reports of the National Center for Science Education* **20** (November-December): 11-13.
- . 2001. *Responses to 101 Questions on God and Evolution*. New York: Paulist Press.
- Houghton, Brian.** 2011. “What Happened to the Great Library at Alexandria?” *Ancient History Encyclopedia* 1 February posting (online text at www.ancient.eu.org accessed 6/11/2014)
- Hausdorf, Bernhard.** 2011. “Progress Toward a General Species Concept.” *Evolution* **65** (April): 923-931.
- Hauser, Marc D.** 1997. “Math Without Words.” *Natural History* **106** (September): 52-55.
- . 2000a. “What Do Animals Think About Numbers?” *American Scientist* **88** (March-April): 144-151.
- . 2000b. *Wild Minds: What Animals Really Think*. New York: Henry Holt & Co.
- . 2001. “Elementary, My Dear Chimpanzee.” *Science* **291** (19 January): 440-441.
- . 2005. “Our chimpanzee mind.” *Nature* **437** (1 September): 60-63.
- . 2006. *Moral Minds: How Nature Designed Our Universal Sense of Right and Wrong*. New York: HarperCollins Publishers.
- Hauser, Marc D., David Glynn, & Justin Wood.** 2007. “Rhesus monkeys correctly read the goal-relevant gestures of a human agent.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (7 August): 1913-1918.
- Hauser, M. D., & J. Kralik.** 1997. “Life beyond the mirror: a reply to Anderson & Gallup.” *Animal Behaviour* **54** (December): 1568-1571.
- Hauser, M. D., J. Kralik, C. Botto-Mahan, M. Garrett, & J. Oser.** 1995. “Self-recognition in primates: phylogeny and the salience of species-typical features.” *Proceedings of the National Academy of Sciences* **92** (7 November): 10811-10814.
- Hauser, Marc David, Cory Thomas Miller, Katie Liu, & Renu Gupta.** 2001. “Cotton-top tamarins (*Saguinus Oedipus*) fail to show the mirror-guided self-exploration.” *American*

- Journal of Primatology* **53** (March): 131-137.
- Hauser, Marc D., & Josh McDermott.** 2003. "The evolution of the music faculty: a comparative perspective." *Nature Neuroscience* **6** (July): 663-668.
- Hauser, Marc D., Noam Chomsky, & W. Tecumseh Fitch.** 2002. "The Faculty of Language: What Is It, Who Has It, and How Did It Evolve?" *Science* **298** (22 November): 1569-1579.
- Hauser, Marc, Katherine McAuliffe, & Peter R. Blake.** 2009. "Evolving the ingredients for reciprocity and spite." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 November): 3255-3266.
- Hauser, Marc, Charles Yang, Robert C. Berwick, Ian Tattersall, Michael J. Ryan, Jeffrey Watumull, Noam Chomsky, & Richard C. Lewontin.** 2014. "The mystery of language evolution." *Frontiers in Psychology* (online @ frontiersin.org) **5** (7 May): 401.
- Hausfather, Zeke, Kevin Cowtan, David C. Clarke, Peter Jacobs, Mark Richardson, & Robert Rohde.** 2017. "Assessing recent warming using instrumentally homogeneous sea surface temperature records." *Science Advances* **3** (4 January): e1601207 (online at sciencemag.org).
- Haushofer, Johannes, Anat Biletzki, & Nancy Kanwisher.** 2010. "Both sides retaliate in the Israeli-Palestinian conflict." *Proceedings of the National Academy of Sciences* **107** (19 October): 17927-17932.
- Hausladen, Alfred, Andrew God, & Jonathan S. Stamler.** 2001. "Flavo-hemoglobin denitrosylase catalyzes the reaction of a nitroxyl equivalent with molecular oxygen." *Proceedings of the National Academy of Sciences* **98** (28 August): 10108-10112.
- Hausmann, Corinne D., & Michael Ibba.** 2008. "Aminoacyl-tRNA synthetase complexes: molecular multitasking revealed." *Federation of European Microbiological Societies FEMS Microbiology Reviews* **32** (July): 705-721.
- Hausner, Winfried, Udo Lange, & Meike Musfeldt.** 2000. "Transcription Factor S, a Cleavage Induction Factor of the Archaeal RNA Polymerase." *The Journal of Biological Chemistry* **275** (28 April): 12393-12399.
- Hautier, Lionel, Helder Gomes Rodrigues, Guillaume Billet, & Robert J. Asher.** 2016. "The hidden teeth of sloths: evolutionary vestiges and the development of a simplified dentition." *Scientific Reports* (online @ www.nature.com/srep/) **6** (24 June): 27763.
- Hautier, Lionel, Vera Weisbecker, Marcelo R. Sánchez-Villagra, Anjali Goswami, & Robert J. Asher.** 2010. "Skeletal development in sloths and the evolution of mammalian vertebral patterning." *Proceedings of the National Academy of Sciences* **107** (2 November): 18903-18908.
- Havelková, Pavla, & Zbyněk Roček.** 2006. "Transformation of the pectoral girdle in the evolutionary origin of frogs: insights from the primitive anuran *Discoglossus*." *Journal of Anatomy* **209** (July): 1-11.
- Havemann, Stephanie A., & Jamie S. Foster.** 2008. "Comparative Characterization of the Microbial Diversities of an Artificial Microbialite Model and a Natural Stromatolite." *Applied and Environmental Microbiology* **74** (December): 7410-7421.
- Haven, James, Levy C. Vargas, Emmanuel F. Mongodin, Vincent Xue, Yozen Hernandez, Pedro Pagan, Claire M. Fraser-Liggett, Steven E. Schutzer, Benjamin J. Luft, Sherwood R. Casjens, & Wei-Gang Qiu.** 2011. "Pervasive Recombination and Sympatric Genome Diversification Driven by Frequency-Dependent Selection in *Borrelia burgdorferi*, the Lyme Disease Bacterium." *Genetics* **189** (November): 951-966.
- Haverluck, Michael F.** 2007. "The Global Flood as You've Never Seen It." *Christian Broadcasting Network* 30 November posting (online text at www.cbn.com accessed 7/15/2015).
- . 2008. "God to Be Cut from the Pledge of Allegiance?" *Christian Broadcasting Network* News 17 February posting (online text at www.cbn.com accessed 7/15/2015).
- . 2012a. "Does Science Prove Noah's Flood?" *WorldNetDaily* (2 June): online text accessed 7/15/2015 (wnd.com).
- . 2012b. "Shocker for scientists: Indian quake triggers more." *All About Shipping* 12 October posting of *WorldNetDaily* article (online text at www.allaboutshipping.co.uk

- accessed 7/15/2015).
- . 2014a. “Film depicts evolutionists’ campus attack on creation, faith.” *OneNewsNow* posting 7 August (online text at *onenewsnow.com* accessed 7/15/2015).
- . 2014b. “Does this Flood theory blow Bill Nye’s attack on creation out of the water?” *OneNewsNow* posting 15 September (online text at *onenewsnow.com* accessed 7/15/2015).
- . 2014c. “Pope backs evolution, Vatican calls creation ‘blasphemous.’” *OneNewsNow* posting 3 November (online text at *onenewsnow.com* accessed 7/15/2015).
- . 2014d. “Dr. David Jeremiah: I’m no prophet, but the End Times are here.” *OneNewsNow* posting 3 December (online text at *onenewsnow.com* accessed 7/15/2015).
- . 2015. “Dino museum trip for youngsters dashed by atheists.” *OneNewsNow* posting 8 June (online text at *onenewsnow.com* accessed 7/15/2015).
- Havird, Justin C., Matthew D. Hall, & Damian K. Dowling.** 2015. “The evolution of sex: A new hypothesis based on mitochondrial mutational erosion.” *BioEssays* **37** (September): 951-959.
- Havukainen, Heli, Øyvind Halskau, Lars Skjaerven, Bent Smedal, & Gro V. Amdam.** 2011. “Deconstructing honeybee vitellogenin: novel 40kDa fragment assigned to its N terminus.” *The Journal of Experimental Biology* **214** (15 February): 582-592.
- Hawass, Zahi.** 2006. *Mountains of the Pharaohs: The Untold Story of the Pyramid Builders.* New York: Doubleday.
- Hawkes, David.** 2002. “The Evolution of Darwinism.” *The Nation* **274** (10 June): 29-34.
- Hawkes, Kristen.** 2010. “How grandmother effects plus individual variation in frailty shape fertility and mortality: Guidance from human-chimpanzee comparisons.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8977-8984.
- . 2016. “Genomic evidence for the evolution of human postmenopausal longevity.” *Proceedings of the National Academy of Sciences* **113** (5 January): 17-18.
- Hawkes, K., J. F. O’Connell, N. G. Blurton Jones, H. Alvarez, & E. L. Charnov.** 1998. “Grandmothering, menopause, and the evolution of human life histories.” *Proceedings of the National Academy of Sciences* **95** (3 February): 1336-1339.
- Hawkes, Kristen, Peter S. Kim, Brett Kennedy, Ryan Bohlender, & John Hawks.** 2011. “A reappraisal of grandmothering and natural selection.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 July): 1936-1938.
- Hawkesworth, Chris.** 2008. “How continents and oceans form,” in Benton (2008a, 61-65).
- Hawkesworth, C. J., & A. I. S. Kemp.** 2006. “Evolution of the continental crust.” *Nature* **443** (19 October): 811-817.
- Hawking, Stephen W.** 1988. *A Brief History of Time: From the Big Bang to Black Holes.* New York: Bantam Books.
- . 1999. “Does God play Dice?” *Stephen Hawking* lecture posting (online text at *www.hawking.org.uk* accessed 4/4/2014).
- . 2001. *The Universe in a Nutshell.* New York: Bantam Books.
- Hawking, Stephen, & Leonard Mlodinow.** 2010. *The Grand Design.* New York: Bantam Books.
- Hawking, Stephen, Stuart Russell, Max Tegmark, & Frank Wilczek.** 2014. “Stephen Hawking: ‘Transcendence looks at the implications of artificial intelligence – but are we taking AI seriously enough?’” *The Independent* posting 5 March (online text at *independent.co.uk* accessed 6/1/2014).
- Hawkins, Carlee Beth, & Brian A. Nosek.** 2012a. “Motivated Independence? Implicit Party Identity Predicts Political Judgments Among Self-Proclaimed Independents.” *Personality and Social Psychology Bulletin* **38** (November): 1437-1452.
- . 2012b. “When Ingroups Aren’t ‘In’: Perceived Political Belief Similarity Moderates Religious Ingroup Favoritism.” *PLoS ONE* (online @ *plosone.org*) **7** (December): e50945.
- Hawkins, Craig S.** 1990a. “The Modern World of Witchcraft: Part One of Two.” *Christian Research Journal* (Winter/Spring) article posting (online text at *www.ic1net.org* accessed 7/8/2002).
- . 1990b. “The Modern World of Witchcraft: Part Two.” *Christian Research Journal*

- (Summer) article posting (online text at www.ic1net.org accessed 7/8/2002).
- Hawkins, Dave.** 2007a. “Dr. Edward Max on Plagiarism & Shared Genetic Mistakes.” *AFDave* 28 May posting by **AFDave** (online text at afdave.wordpress.com accessed 12/27/2007).
- . 2007b. “Glenn Morton: Mistaken Critic of Young Earth Creationists.” *AFDave* 18 December posting by **AFDave** (online text at afdave.wordpress.com accessed 12/27/2007).
- Hawkins, David P., & Samuel A. Bowring.** 1999. “U-Pb monazite, xenotime and titanite geochronological constraints on the prograde to post-peak metamorphic thermal history of Paleoproterozoic migmatites from the Grand Canyon, Arizona.” *Contributions to Mineralogy and Petrology* **134** (February): 150-169.
- Hawkins, David P., Samuel A. Bowring, Bradley R. Ilg, Karl E. Karlstrom, & Michael L. Williams.** 1996. “U-Pb Geochronological Constraints on the Paleoproterozoic Crustal Evolution of the Upper Granite Gorge, Grand Canyon.” *The Geological Society of America GSA Bulletin* **108** (September): 1167-1181.
- Hawkins, Ed, Bruce Anderson, Noah Diffenbaugh, Irina Mahlstein, Richard Betts, Gabi Hegerl, Manoj Joshi, Reto Knutti, Doug McNeill, Susan Solomon, Rowan Sutton, Jozef Syktus, & Gabriel Vecchi.** 2014. “Uncertainties in the timing of unprecedented climates.” *Nature* **511** (3 July): E3-E5.
- Hawkins, Jeff,** with **Sandra Blakeslee.** 2004. *On Intelligence.* New York: Times Books (Henry Holt & Co.).
- Hawkins, Jennifer S., Stephen R. Proulx, Ryan A. Rapp, & Jonathan F. Wendel.** 2009. “Rapid DNA loss as a counterbalance to genome expansion through retrotransposon proliferation in plants.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17811-17816.
- Hawkins, Michelle, Sunir Malla, Martin J. Blythe, Conrad A. Nieduszynski, & Thorsten Allers.** 2013. “Accelerated growth in the absence of DNA replication origins.” *Nature* **503** (28 November): 544-547.
- Hawks, John.** 2008. “From Genes to Numbers: Effective Population Sizes in Human Evolution,” in Bocquet-Appel (2008, 9-30).
- . 2010. “What is the human mutation rate?” *John Hawks Weblog* 5 November posting (online text at johnhawks.net accessed 8/6/2014).
- . 2012a. “Denisova at high coverage.” *John Hawks Weblog* 30 August posting (online text at johnhawks.net accessed 9/1/2012).
- . 2012b. “Longer time scale for human evolution.” *Proceedings of the National Academy of Sciences* **109** (25 September): 15531-15532.
- . 2012c. “Recent evolution of coding variants.” *John Hawks Weblog* 5 December posting (online text at johnhawks.net accessed 12/20/2012).
- . 2014. “II.18 Human Evolution,” in Losos *et al.* (2014, 183-188).
- . 2016a. “The foramen magnum does not point to locomotor adaptation.” *John Hawks Weblog* 25 March posting (online text at johnhawks.net accessed 3/25/2016).
- . 2016b. “Humans Never Stopped Evolving.” *The Scientist* (August) article (online text at the-scientist.com accessed 8/4/2016).
- Hawks, John, Darryl J. de Ruiter, & Lee R. Berger.** 2015. “Comment on ‘Early *Homo* at 2.8 Ma from Ledi Geraru, Afar, Ethiopia’.” *Science* **348** (19 June): 1326.
- Hawks, John, Marina Elliott, Peter Schmid, Steven E. Churchill, Darryl J. de Ruiter, Eric M. Roberts, Hannah Hilbert-Wolf, Heather M. Garvin, Scott A. Williams, Lucas K. Deleuzene, Elen M. Feuerriegel, Patrick Randolph-Quinney, Tracy L. Kivell, Myra F. Laird, Gaokgathe Tawane, Jeremy M. DeSilva, Shara E. Bailey, Juliet K. Brophy, Marc R. Meyer, Matthew M. Skinner, Matthew W. Tocheri, Caroline VanSickle, Christopher S. Walker, Timothy L. Campbell, Brian Kuhn, Ashley Kruger, Steven Tucker, Alia Gurtov, Nompumelelo Hlophe, Rick Hunter, Hannah Morris, Becca Peixotto, Maropeng Ramalepa, Dirk van Rooyen, Mathabela Tsikoane, Pedro Boshoff, Paul H. G. M. Dirks, & Lee R. Berger.** 2017. “New fossil remains of *Homo naledi* from the Lesedi Chamber, South Africa.” *eLife* (online @ elifesciences.org) **6** (9 May): e24232.

- Hawks, John, Keith Hunley, Sang-Hee Lee, & Milford Wolpoff.** 2000. "Population Bottlenecks and Pleistocene Human Evolution." *Molecular Biology and Evolution* **17** (January): 2-22.
- Hawks, John D., & Milford H. Wolpoff.** 2001. "The Accretion Model of Neandertal Evolution." *Evolution* **55** (July): 1474-1485.
- Hawks, Lee, Eric T. Wang, Gregory M. Cochran, Henry C. Harpending, & Robert K. Moyzis.** 2007. "Recent acceleration of human adaptive evolution." *Proceedings of the National Academy of Sciences* **104** (26 December): 20753-207758.
- Hawlena, Dror, Michael S. Strickland, Mark A. Bradford, & Oswald J. Schmitz.** 2012. "Fear of Predation Slows Plant-Litter Decomposition." *Science* **336** (15 June): 1434-1438.
- Hawlena, Hadas, Farrah Bashey, & Curtis M. Lively.** 2010. "The Evolution of Spite: Population Structure and Bacteriocin-Mediated Antagonism in Two Natural Populations of *Xenorhabdus* Bacteria." *Evolution* **64** (November): 3198-3204.
- Hawley, Patricia H., Stephen D. Short, Luke A. McCune, Mark R. Osman, & Todd D. Little.** 2011. "What's the Matter with Kansas?: The Development and Confirmation of the Evolutionary Attitudes and Literacy Survey (EALS)." *Evolution: Education & Outreach* **4** (March): 117-132.
- Haxton, Wick.** 2014. "What makes the Sun shine." *Nature* **512** (28 August): 378-380.
- Hay, Angela, & Miltos Tsiantis.** 2006. "The genetic basis for differences in leaf form between *Arabidopsis thaliana* and its wild relative *Cardamine hirsuta*." *Nature Genetics* **38** (August): 942-947.
- Hay, Bruce.** 2016. "I thought I could reason with Antonin Scalia: A more naive young fool never drew breath." *Salon.com* 27 February (online text at *salon.com* accessed 3/3/2016).
- Hay, Jennifer M., Sankar Subramanian, Craig D. Millar, Elmira Mohandesan, & David M. Lambert.** 2008. "Rapid molecular evolution in a living fossil." *Trends in Genetics* **24** (March): 106-109.
- Hay, William W., Emanuel Soeding, Robert M. DeConto, & Christopher N. Wold.** 2002. "The Late Cenozoic uplift-climate change paradox." *International Journal of Earth Sciences* **91** (October): 746-774.
- Hayakawa, Toshiyuki, Ikuko Aki, Ajit Varki, Yoko Satta, & Naoyuki Takahata.** 2006. "Fixation of the Human-Specific CMP-*N*-Acetylneuraminic Acid Hydroxylase Pseudogene and Implications of Haplotype Diversity in Human Evolution." *Genetics* **172** (February): 1139-1146.
- Hayakawa, Toshiyuki, Takashi Angata, Amanda L. Lewis, Tarjei S. Mikkelsen, Nissi M. Varki, & Ajit Varki.** 2005. "A Human-Specific Gene in Microglia." *Science* **309** (9 September): 1693.
- Hayakawa, Toshiyuki, Yoko Satta, Pascal Gagneaux, Ajit Varki, & Naoyuki Takahata.** 2001. "*Alu*-mediated inactivation of the human CMP-*N*-acetylneuraminic acid hydroxylase gene." *Proceedings of the National Academy of Sciences* **98** (25 September): 11399-11404.
- Hayashi, Alden M.** 1999. "Pinker and the Brain." *Scientific American* **281** (July): 32, 34.
- Hayashi, Cheryl Y., & Randolph V. Lewis.** 2000. "Molecular Architecture and Evolution of a Modular Spider Silk Protein Gene." *Science* **287** (25 February): 1477-1479.
- Hayashi, K., M. Sugisaki, K. Kino, T. Ishikawa, M. Sugisaki, & S. Abe.** 2013. "Absence of the Articular Disc in the Tasmanian Devil Temporomandibular Joint." *Anatomia, Histologia, Embryologia* **42** (December): 415-419.
- Hayashi, Shoi, Kenneth Carpenter, Torsten M. Scheyer, Mahito Watabe, & Daisuke Suzuki.** 2010. "Function and evolution of ankylosaur dermal armor." *Acta Palaeontologica Polonica* **55** (2): 213-228.
- Hayashi, Takuya, Ji Hyun Ko, Antonio P. Strafella, & Alain Dagher.** 2013. "Dorsoventral prefrontal and orbitofrontal cortex interactions during self-control of cigarette craving." *Proceedings of the National Academy of Sciences* **110** (12 March): 4422-4427.
- Hayashi, Yu, Mitsuaki Kashiwagi, Kosuke Yasuda, Reiko Ando, Mika Kanuka, Kazuya Sakai, & Shigeyoshi Itohara.** 2015. "Cells of a common developmental origin regulate REM/non-REM sleep and wakefulness in mice." *Science* **350** (20 November): 957-961.

- Hayashi, Yuuki, Hiroshi Sakata, Yoshihide Makino, Itaru Urabe, & Tetsuya Yomo.** 2003. “Can an Arbitrary Sequence Evolve Towards Acquiring a Biological Function?” *Journal of Molecular Evolution* **56** (February): 162-168.
- Hayden, Benjamin Y., John M. Pearson, & Michael L. Platt.** 2009. “Fictive Reward Signals in the Anterior Cingulate Cortex.” *Science* **324** (15 May): 948-950.
- Hayden, Dan.** 2011. “4. Fulfilled Prophecy.” *Answers in Genesis* 1 April “Seven Compelling Evidences” posting (online text at answersingenesis.org accessed 5/17/2016).
- Hayden, Eric J., Devin P. Bendixsen, & Andreas Wagner.** 2015. “Intramolecular phenotypic capacitance in a modular RNA molecule.” *Proceedings of the National Academy of Sciences* **112** (6 October): 12444-12449.
- Hayden, Eric J., Evandro Ferrada, & Andreas Wagner.** 2011. “Cryptic genetic variation promotes rapid evolutionary adaptation in an RNA enzyme.” *Nature* **474** (2 June): 92-95.
- Hayden, Erika Check.** 2010. “Life is complicated.” *Nature* **486** (1 April): 664-667.
- . 2012. “RNA studies under fire.” *Nature* **484** (26 April): 428.
- . 2013a. “First horses arose 4 million years ago.” *Nature News* (26 June) posting (online text at nature.com accessed 7/29/2014).
- . 2013b. “Convergent evolution seen in hundreds of genes.” *Nature News* (4 September) posting (online text at nature.com accessed 1/23/2016).
- . 2013c. “Taboo genetics.” *Nature* **502** (3 October): 26-28.
- . 2016. “Gene variants linked to education prove divisive.” *Nature* **533** (12 May): 154-155.
- Hayden, Jen.** 2016. “Sacramento Baptist preacher praises Orlando shooter, says all LGBT should be mass murdered.” *Daily Kos* 14 June posting (online text at www.dailykos.com accessed 6/15/2016).
- Hayden, Sara, Michaël Bekaert, Tess A. Crider, Stefano Mariani, William J. Murphy, & Emma C. Teeling.** 2010. “Ecological adaptation determines functional mammalian olfactory subgenomes.” *Genome Research* **20** (January): 1-9.
- Hayden, Thomas.** 2002. “A Theory Evolves.” *U.S. News & World Report* **133** (29 July): 42-46, 48, 50.
- Hayes, Brian.** 2004. “Ode to the Code.” *American Scientist* **92** (November-December): 494-498.
- Hayes, Christopher, & Gillian M. Morriss-Kay.** 2001. “Retinoic acid specifically downregulates *Fgf4* and inhibits posterior cell proliferation in the developing mouse autopod.” *Journal of Anatomy* **199** (May): 561-568.
- Hayes, Donald P., Loreen T. Wolfer, & Michael F. Wolfe.** 1996. “Schoolbook Simplification and Its Relation to the Decline in SAT-Verbal Scores.” *American Educational Research Journal* **33** (Summer): 489-508.
- Hayes, J. D., John Imbrie, & N. J. Shackleton.** 1976. “Variations in the Earth’s Orbit: Pacemaker of the Ice Ages.” *Science* **194** (10 December): 1121-1132.
- Hayes, J. P.** 2010. “Metabolic rates, genetic constraints, and the evolution of endothermy.” *Journal of Evolutionary Biology* **23** (September): 1868-1877.
- Hayes, Jack P., & Theodore Garland Jr.** 1995. “The Evolution of Endothermy: Testing the Aerobic Capacity Model.” *Evolution* **54** (May): 836-847.
- Hayes, John M.** 2002. “A lowdown on oxygen.” *Nature* **417** (9 May): 127-128.
- . 2011. “Earth’s Redox History.” *Science* **334** (23 December): 1654-1655.
- Hayes, John M., & Jacob R. Waldbauer.** 2006. “The carbon cycle and associated redox processes through time.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 931-950.
- Hayes, Judith.** 2000. *The Happy Heretic*. Amherst, NY: Prometheus Books.
- Hayes, Kenneth A., Robert H. Cowie, & Silvana C. Thiengo.** 2009. “A global phylogeny of apple snails: Gondwanan origin, generic relationships, and the influence of outgroup choice (Caenogastropoda: Ampullariidae).” *Biological Journal of the Linnean Society* **98** (September): 61-76.
- Hayes, Madeline, Mackenzie Whitesell, & Mark A. Brown.** 2013. “Pathological and

- Evolutionary Implications of Retroviruses as Mobile Genetic Elements.” *Genes* (Switzerland) **4** (December): 573-582.
- Hayes, Pat.** 2006a. “In Letter to Kansas School Board, University of Akron Biology Faculty Members Decry Daniel Ely’s ‘Profound Misconceptions’.” *Red State Rabble* 6 March posting (online text at redstaterabble.blogspot.com accessed 1/29/2014).
- . 2006b. “Misstatements in Dr. Dan Ely’s Testimony About Evolution.” *Red State Rabble* 6 March posting (online text at redstaterabble.blogspot.com accessed 1/29/2014).
- Haygood, Ralph, Courtney C. Babbitt, Olivier Fedrigo, & Gregory A. Wray.** 2010. “Contrasts between adaptive coding and noncoding changes during human evolution.” *Proceedings of the National Academy of Sciences* **107** (27 April): 7853-7857.
- Haygood, Ralph, Olivier Fedrigo, Brian Hanson, Ken-Daigoro Yokoyama, & Gregory A. Wray.** 2007. “Promoter regions of many neural- and nutrition-related genes have experienced positive selection during human evolution.” *Nature Genetics* **39** (September): 1140-1144.
- Haynes, C. Vance Jr.** 2008. “Younger Dryas ‘black mats’ and the Rancholabrean termination in North America.” *Proceedings of the National Academy of Sciences* **105** (6 May): 6520-6525.
- Haynes, C. Vance Jr., J. Boerner, K. Domanik, D. Lauretta, J. Ballenger, & J. Goreva.** 2010. “The Murray Springs Clovis site, Pleistocene extinction, and the question of extraterrestrial impact.” *Proceedings of the National Academy of Sciences* **107** (2 March): 4010-4015.
- Haynes, Charles C.** 2002. “‘Teaching the controversy’ over evolution could be disastrous.” *Freedom Forum* 27 October posting (online text at www.freedomforum.org accessed 8/15/2012).
- . 2005. “Open debate on Intelligent Design.” *Springfield News Leader* (1 June) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 5/26/2014).
- Haynes, Charles, Wajahat Ali, & Hussein Rashid.** 2012. “What Is the Truth About American Muslims? Questions and Answers.” *Religious Freedom Education Project* posting (online pdf at www.firstamericacenter.com accessed 10/19/2012).
- Haynes, Charles C., & Natilee Duning.** 1999. *The Bible & Public Schools: A First Amendment Guide*. Nashville, TN: First Amendment Center.
- Haynes, Charles C., & Oliver Thomas.** 2001. *Finding Common Ground: A Guide to Religious Liberty in Public Schools*. Nashville, TN: First Amendment Center.
- Haynes, John-Dylan, & Matthias Schultze-Kraft.** 2016. “Reply to Deecke and Soekadar: Do conventional readiness potentials reflect true volitionality?” *Proceedings of the National Academy of Sciences* **113** (24 May): E2877-E2878.
- Hays, Alan.** 2016. “SB 1018.” Introduced Florida Senate legislation (online text at www.flsenate.gov accessed 1/1/2016).
- Hays, Graeme C., Jonathan D. R. Houghton, & Andrew E. Myers.** 2004. “Pan-Atlantic leatherback turtle movements.” *Nature* **429** (3 June): 522.
- Hayton, K., & X.-z. Su.** 2004. “Genetic and biochemical aspects of drug resistance in malaria parasites.” *Infectious Disorders—Drug Targets (AKA Current Drug Targets—Infectious Disorders)* **4** (1): 1-10.
- Hayward, Alan.** 1985. *Creation and Evolution*. 1995 pb ed. Minneapolis, MN: Bethany House Publishers.
- Hayward, Alexander, Charlie K. Cornwallis, & Patric Jem.** 2015. “Pan-vertebrate comparative genomics unmasks retrovirus macroevolution.” *Proceedings of the National Academy of Sciences* **112** (13 January): 464-469.
- Hayward, Alexander, & Aris Katzourakis.** 2015. “Endogenous retroviruses.” *Current Biology* **25** (3 August): R644-R646.
- Hayward, Steven F.** 2011. “Climategate (Part II).” *The Weekly Standard* 5 December repost by *American Enterprise Institute* (online text at www.aei.org accessed 8/25/2012).
- . 2012. “Why the climate skeptics are winning.” *The Weekly Standard* 27 February repost by *American Enterprise Institute* (online text at www.aei.org accessed 8/25/2012).
- Hazard, Evan B.** 1993. “Evolution vs. Creationism” (Letter to Editor). *The American Biology*

- Teacher* **55** (September): 328-329.
- Hazelton, Lesley.** 2013. "An Agnostic Biography of the Prophet Muhammad." *Religion Dispatches* 5 January posting (online text at religiondispatches.org accessed 1/8/2013).
- Hazen, Robert M.** 2001. "Life's Rocky Start." *Scientific American* **284** (April): 77-88.
- . 2005a. "Genesis: Rocks, Minerals, and the Geochemical Origin of Life." *Elements* **1** (June): 135-137.
- . 2005b. *Genesis: The Scientific Quest for Life's Origin*. Washington, D.C.: Joseph Henry Press.
- . 2006. "Mineral surfaces and the prebiotic selection and organization of biomolecules." *American Mineralogist* **91** (November): 1715-1729.
- . 2010. "How Old is Earth, and How Do We Know?" *Evolution: Education & Outreach* **3** (June): 198-205.
- . 2012. *The Story of Earth: The First 4.5 Billion Years from Stardust to Living Planet*. New York: Viking Press.
- Hazen, Robert M., & David W. Deamer.** 2007. "Hydrothermal Reactions of Pyruvic Acid: Synthesis, Selection, and Self-Assembly of Amphiphilic Molecules." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (April): 143-152.
- Hazen, Robert M., Timothy R. Filley, & Glenn A. Goodfriend.** 2001. "Selective adsorption of L- and D-amino acids on calcite: Implications for biochemical homochirality." *Proceedings of the National Academy of Sciences* **98** (8 May): 5487-5490.
- Hazen, Robert M., Patrick L. Griffin, James M. Carothers, & Jack W. Szostak.** 2007. "Functional information and the emergence of biocomplexity." *Proceedings of the National Academy of Sciences* **104** (15 May): 8574-8581.
- Hazen, Robert M., & Dimitri A. Sverjensky.** 2010. "Mineral Surfaces, Geochemical Complexities, and the Origins of Life." *Cold Spring Harbor Perspectives in Biology* **2** (May): a002162.
- Hazkani-Covo, Einat, David Wool, & Dan Grauer.** 2005. "In Search of the Vertebrate Phylotypic Stage: A Molecular Examination of the Developmental Hourglass Model and von Baer's Third Law." *Journal of Experimental Zoology* **304B** (15 March): 150-158.
- HCD Research.* 2005. "Majority of Physicians Give the Nod to Evolution Over Intelligent Design," 23 May posting (online text at www.hcdi.net accessed 5/8/2011).
- He, Chunjiang, Hanhua Cheng, & Rongjia Zhou.** 2007. "GATA family of transcription factors of vertebrates: phylogenetics and chromosomal synteny." *Indian Academy of Sciences Journal of Biosciences* **32** (December): 1273-1280.
- He, Lixia, Ke Zhou, Tiangang Zhou, Sheng He, & Lin Chen.** 2015. "Topology-defined units in numerosity perception." *Proceedings of the National Academy of Sciences* **112** (13 October): E5647-E5655.
- He, Sheng, & Wendy L. Davis.** 2001. "Filling-in at the natural blind spot contributes to binocular rivalry." *Vision Research* **41** (March): 835-840.
- He, Susu, Alison B. Hickman, Fred Dyda, Neil P. Johnson, Michael Chandler, & Bao Ton-Hoang.** 2011. "Reconstruction of a functional IS608 single-strand transpososome: role of non-canonical base-pairing." *Nucleic Acids Research* **39** (October #19): 8503-8512.
- He, Tao, Xiao-Lin Wang, & Zhong-He Zhou.** 2008. "A New Genus and Species of Caudipterid Dinosaur from the Lower Cretaceous Jiufotang Formation of Western Liaoning, China." *Vertebrata Palasiatica* **46** (3): 178-199.
- He, Xionglei, & Li Liu.** 2016. "Toward a prospective molecular evolution." *Science* **352** (13 May): 769-770.
- He, Xionglei, & Jianzhi Zhang.** 2009. "Rapid Subfunctionalization Accompanied by Prolonged and Substantial Neofunctionalization in Duplicate Gene Evolution." *Genetics* **169** (February): 1157-1164.
- He, Xiao-Ping, Nelly Bataillé, & Howard M. Fried.** 1994. "Nuclear export of signal recognition particle RNA is a facilitated process that involves the *Alu* sequence domain." *Journal of Cell Science* **107** (1 April): 903-912.
- He, Ying, Christopher R. Jones, Nobuhiro Fujiki, Ying Xu, Bin Guo, Jimmy L. Holder Jr.,**

- Moritz J. Rossner, Seiji Nishino, & Ying-Hui Fu.** 2009. “The Transcriptional Repressor DEC2 Regulates Sleep Length in Mammals.” *Science* **325** (14 August): 866-870.
- He, Yiping, Jian Wu, Devin C. Dressman, Christine Iacobuzio-Donahue, Sanford D. Markowitz, Victor E. Velculescu, Luis A. Diaz Jr., Kenneth W. Kinzler, Bert Vogelstein, & Nickolas Papadopoulos.** 2010. “Heteroplasmic mitochondrial DNA mutations in normal and tumour cells.” *Nature* **464** (25 March): 610-614.
- He, Yuan, Chunli Yan, Jie Fang, Carla Inouye, Robert Tjian, Ivaylo Ivanov, & Eva Nogales.** 2016. “Near-atomic resolution visualization of human transcription promoter opening.” *Nature* **533** (19 May): 359-365.
- Head, Denise, Naftali Raz, Faith Gunning-Dixon, Adrienne Williamson, & James D. Acker.** 2002. “Age-related differences in the course of cognitive skill acquisition: the role of regional cortical shrinkage and cognitive resources.” *Psychology and Aging* **17** (March): 72-84.
- Head, James W. III, Caleb I. Fassett, Seth J. Kadish, David E. Smith, Maria T. Zuber, Gregory A. Neuman, & Erwan Mazarico.** 2010. “Global Distribution of Large Lunar Craters: Implications for Resurfacing and Impactor Populations.” *Science* **329** (17 September): 1504-1507.
- Head, Jason J.** 1998. “A New Species of Basal Hadrosaurid (Dinosauria, Ornithischia) from the Cenomanian of Texas.” *Journal of Vertebrate Paleontology* **18** (December): 718-738.
- Head, Jason J., Jonathan I. Bloch, Alexander K. Hastings, Jason R. Bourque, Edwin A. Cadena, Fabiany A. Herrera, P. David Polly, & Carlos A. Jaramillo.** 2009a. “Giant booid snake from the Palaeocene neotropics reveals hotter past equatorial temperatures.” *Nature* **457** (5 February): 715-717.
- . 2009b. “Head et al. reply.” *Nature* **460** (30 July): E4-E5.
- Head, Jason J., Gregg F. Gunnell, Patricia A. Holroyd, J. Howard Hutchison, & Russell L. Ciochon.** 2013. “Giant lizards occupied herbivorous mammalian ecospace during the Paleogene greenhouse in Southeast Asia.” *Proceedings of the Royal Society of London B (Biological Sciences)* **280** (22 July): 20130665.
- Head, Jason J., & P. David Polly.** 2015. “Evolution of the snake body form reveals homoplasy in amniote *Hox* gene function.” *Nature* **520** (2 April): 86-89.
- Head, Martin J., Brad Pillans, & Sarah A. Farquhar.** 2008. “The Early-Middle Pleistocene Transition: characterization and proposed guide for the defining boundary.” *Episodes* **31** (2): 255-259.
- Head, Megan L., Genevieve M. Kozak, & Janette W. Boughman.** 2009. “Body size differences do not arise from divergent mate preferences in a species pair of threespine stickleback.” *Royal Society Biology Letters* **5** (23 August): 517-520.
- Headden, Jaime A.** 2013. “You’ve Got to Be Kidding Me.” *The Bite Stuff* 13 February posting (online text at qilong.wordpress.com accessed 3/10/2015).
- . 2014. “Really, again? You’ve got to be fucking kidding me!” *The Bite Stuff* 10 July posting (online text at qilong.wordpress.com accessed 3/10/2015).
- Heads, Michael.** 2010. “Evolution and biogeography of primates: a new model based on molecular phylogenetics, vicariance and plate tectonics.” *The Norwegian Academy of Science and Letters Zoologica Scripta* **39** (March): 107-127.
- . 2011. “Old Taxa on Young Islands: A Critique of the Use of Island Age to Date Island-Endemic Clades and Calibrate Phylogenies.” *Systematic Biology* **60** (March): 204-218.
- Heads, Sam W.** 2010. “The first fossil spider cricket (Orthoptera: Gryllidae: Phalangospinae): 20 million years of troglobiomorphosis or exaptation in the dark?” *Zoological Journal of the Linnean Society* **158** (January): 56-65.
- Heads, Saw W., & Léa Leuzinger.** 2011. “On the placement of the Cretaceous orthopteran *Brauckmannoa groeningae* from Brazil, with notes on the relationships of Schizodactylidae (Orthoptera, Ensifera).” *ZooKeys* (online @ ncbi.nlm.nih.gov) **77** (26 January): 17-30.
- Heady, Bruce, Ruud Muffels, & Gert G. Wagner.** 2010. “Long-running German panel survey shows that personal and economic choices, not just genes, matter for happiness.” *Proceedings of the National Academy of Sciences* **107** (19 October): 17922-17926.

- Health Revelations*. 2013. “Did our Creator ‘encode’ a CANCER CURE on the 859th page of an ancient Bible?” *Health Revelations* video posting (online text at *healthrevelations.net* accessed 1/2/2014).
- Healy, Andrew J., Neil Malhotra, & Cecilia Hyunjung Mo.** 2010. “Irrelevant events affect voters’ evaluations of governmental performance.” *Proceedings of the National Academy of Sciences* **107** (20 July): 12804-12809.
- Healy, Donna.** 2009. “Glendive dinosaur museum presents fossils in a biblical context.” *Montana State and Regional News* posting of 23 October *Billings Gazette* article (online text at *helenair.com* accessed 2/21/2013).
- Heaman, L. M., & J. P. Grotzinger.** 1992. “1.08 Ga diabase sills in the Pahrump Group, California: Implications for development of the Cordilleran miogeocline.” *Geology* **20** (July): 637-640.
- Heard, Dwayne.** 2012. “The X factor.” *Nature* **488** (9 August): 164-165.
- Heard, Edith, & Robert A. Martienssen.** 2014. “Transgenerational Epigenetic Inheritance: Myths and Mechanisms.” *Cell* **157** (27 March): 95-109.
- Heath, Tracy A., Shannon M. Hedtke, & David M. Hillis.** 2008. “Taxon sampling and the accuracy of phylogenetic analyses.” *Journal of Systematics and Evolution* **46** (May): 239-257.
- Heath, Tracy A., John P. Huelsenbeck, & Tanja Stadler.** 2014. “The fossilized birth-death process for coherent calibration of divergence-time estimates.” *Proceedings of the National Academy of Sciences* **111** (22 July): E2957-E2966.
- Heaton, Pamela.** 2009. “Assessing musical skills in autistic children who are not savants.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (27 May): 1443-1447.
- Heaton, Timothy H.** 2006. “Review: Creation as Science.” *Reports of the National Center for Science Education* **5** (September-October): 35-37.
- . 2007. “A Visit to the New Creation ‘Museum’.” *Reports of the National Center for Science Education* **27** (January-April): 21-24.
- . 2009a. “Creationist Perspectives in Geology,” in Schneiderman & Allmon (2009, 21-38).
- . 2009b. “Recent Developments in Young-Earth Creationist Geology.” *Science & Education* **18** (October): 1341-1358.
- . 2016. “A Visit to Ark Encounter.” *Reports of the National Center for Science Education* **36** (Fall): 3-4.
- Heatwole, Harold, & Robert L. Carroll,** eds. 2000. *Amphibian Biology Volume 4—Palaeontology: the Evolutionary History of Amphibians*. Chipping Norton, UK: Surrey Beatty & Sons.
- Heavens, Alan.** 2010. “Geometry of the Universe.” *Nature* **468** (25 November): 511-512.
- Heberer, Bianca, Georg Röser, Jan H. Behrmann, Meinert Rahn, & Achim Kopf.** 2010. “Holocene sediments from the Southern Chile Trench: a record of active margin magmatism, tectonics and palaeoseismicity.” *Journal of the Geological Society, London* **167** (May): 539-553.
- Hebert, Jake.** 2012a. “A Universe from Nothing?” *Institute for Creation Research Acts & Facts* (July): 11-13.
- . 2012b. “Is the Age of the Earth a ‘Side’ Issue?” *Institute for Creation Research* posting (online text at *icr.org* accessed 8/27/2013).
- . 2014a. “Speedy Glaciers Trample Multiple Ice-Age Theories.” *Institute for Creation Research* 19 February posting (online text at *icr.org* accessed 6/13/2015).
- . 2014b. “Circular Reasoning in the Dating of Deep Seafloor Sediments and Ice Cores: The Orbital Tuning Method.” *Answers in Genesis Research Journal* **7**: 297-309.
- . 2014c. “The Bitter Harvest of Evolutionary Thinking.” *Institute for Creation Research Acts & Facts* (April): 14.
- . 2014d. “Ice Cores, Seafloor Sediments, and the Age of the Earth: Part 1.” *Institute for Creation Research Acts & Facts* (June): 12-14.
- . 2014e. “Ice Cores, Seafloor Sediments, and the Age of the Earth: Part 2.” *Institute for*

- Creation Research *Acts & Facts* (July): 5-7.
- . 2014f. “Does Science Support the Big Bang?” *Institute for Creation Research Acts & Facts* (July): 21.
- . 2015a. “New Horizons, Pluto, and the Age of the Solar System.” *Institute for Creation Research* posting 14 July (online text at www.icr.org accessed 7/14/2015).
- . 2015b. “A Historical Adam Is Not Enough.” *Institute for Creation Research Acts & Facts* (August): 13.
- . 2015c. “A New Planet from Cosmic Dust?” *Institute for Creation Research* 7 December posting (online text at icr.org accessed 6/17/2017).
- . 2016a. “Genesis and Climate Change.” *Institute for Creation Research Acts & Facts* (January): 17.
- . 2016b. “Revisiting an Iconic Argument for Milankovitch Climate Forcing: Should the ‘Pacemaker of the Ice Ages’ Paper Be Retracted?—Part 1.” *Answers in Genesis Research Journal* **9**: 25-56.
- . 2016c. “Revisiting an Iconic Argument for Milankovitch Climate Forcing: Should the ‘Pacemaker of the Ice Ages’ Paper Be Retracted?—Part 2.” *Answers in Genesis Research Journal* **9**: 131-147.
- Hebert, Joe.** 2016. “What Every Dictator Knows: Young Men are Natural Fanatics.” *Dispatches from the Culture Wars* Ed Brayton guest posting 12 December (online text at www.patheos.com accessed 12/15/2016).
- Hebert, Tim.** 2010. “Did UFOs Disable Minuteman Missiles at Malmstrom AFB in 1967?” *Did It Really Happen?* 26 November posting (online text at timhebert.blogspot.com accessed 11/7/2013).
- . 2011a. “A Tale of Two Figels: Robert Hastings’ and Robert Salas’ ‘Hard Problem’.” *Did It Really Happen?* 6 January posting (online text at timhebert.blogspot.com accessed 11/7/2013).
- . 2011b. “Walter Figel: No UFOs at Echo and Doubtful of Shutdowns at Oscar.” *Did It Really Happen?* 24 January posting (online text at timhebert.blogspot.com accessed 11/7/2013).
- . 2011c. “Disproving a UFO Case.” *Did It Really Happen?* 13 August posting (online text at timhebert.blogspot.com accessed 11/7/2013).
- Hebrew-English Edition of The Babylonian Talmud: Hagigah*, trans. I. Abrahams. 1984. London: The Soncino Press.
- Hebsgaard, Martin B., Matthew J. Phillips, & Eske Willerslev.** 2005. “Geologically ancient DNA: fact or artifact?” *Trends in Microbiology* **13** (May): 212-220.
- Hechinger, Ryan F., Kevin D. Lafferty, Andy P. Dobson, James H. Brown, & Armand M. Kuris.** 2011. “A Common Scaling Rule for Abundance, Energetics, and Production of Parasitic and Free-Living Species.” *Science* **333** (22 July): 445-448.
- Hecht, Jeff.** 2015a. “This dinosaur had wings like a bat, but did it fly like one?” *New Scientist* (91 April): online text accessed 4/29/2015 (newscientist.com).
- . 2015b. “Ape fossils put the origin of humanity at 10 million years ago.” *New Scientist* (2 October): online text accessed 10/5/2015 (newscientist.com).
- . 2016. “The truth about exoplanets.” *Nature* **530** (18 February): 272-274.
- Hecht, Jennifer Michael.** 2013. “The Last Taboo.” *Politico* 9 December posting (online text at www.politico.com accessed 12/27/2013).
- Hecht, Lawrence.** 2010. “New Evidence for A Non-Particle View of Life: Luc Montagnier’s Revolution in Biology.” *21st Century Science & Technology* (Winter): 6-11.
- Hecht, Max K., Peter C. Goody, & Bessie M. Hecht**, eds. 1977. *Major Patterns in Vertebrate Evolution*. New York: Plenum Press.
- Hecht, Max K., & Bessie M. Hecht.** 1994. “Conflicting development and paleontological data: the case of the bird manus.” *Acta Palaeontologica Polonica* **38** (3/4): 329-338.
- Hecht, Max H., John H. Ostrom, Günter K. Viohl, & Peter Wellnhofer**, eds. 1985. *The Beginnings of Birds: Proceedings of the International Archaeopteryx Conference, Eichstätt*. Eichstätt, Germany: Freunde des Jura-Museums.

- Heck, Philipp R., Takayuki Ushikubo, Birger Schmitz, Noriko T. Kita, Michael J. Spicuzza, & John W. Valley.** 2010. "A single asteroidal source for extraterrestrial Ordovician chromite grains from Sweden and China: High-precision oxygen three-isotope SIMS analysis." *Geochimica et Cosmochimica Acta* **74** (15 January): 497-509.
- Heckel, David G.** 2010. "Smells like a new species: Gene duplication at the periphery." *Proceedings of the National Academy of Sciences* **107** (25 May): 9481-9482.
- Heckert, Andrew B., Spencer G. Lucas, Kate E. Ziegler, Ronald E. Peterson, Rodney E. Peterson, & N. V. "Dan" D'Andrea.** 2000. "Stratigraphy, Taphonomy, and new discoveries from the Upper Jurassic (Morrison Formation: Brushy Basin Member) Peterson Quarry, central New Mexico." *New Mexico Museum of History and Science Bulletin* **17**: 51-60.
- Heckert, Andrew B., Kate E. Ziegler, Spencer G. Lucas, Justin A. Spielmann, Patricia M. Hester, Ronald E. Peterson, Rodney E. Peterson, & N. V. "Dan" D'Andrea.** 2003. "Geology and paleontology of the Upper Jurassic (Morrison Formation: Brushy Basin Member) Peterson Quarry, central New Mexico." *New Mexico Geological Society Guidebook Geology of the Zuni Plateau*: 315-324.
- Heckman, Daniel S., David M. Geiser, Brooke R. Eidell, Rebecca L. Stauffer, Natalie L. Kardos, & S. Blair Hedges.** 2001. "Molecular Evidence for the Early Colonization of Land by Fungi and Plants." *Science* **293** (10 August): 1129-1133.
- Heckmann, David, Stefanie Schulze, Alisandra Denton, Udo Gowik, Peter Westoff, Andres P. M. Weber, & Martin J. Lercher.** 2013. "Predicting C₄ Photosynthesis Evolution: Modular, Individually Adaptive Steps on a Mount Fuji Fitness Landscape." *Cell* **153** (20 June): 1579-1588.
- Heckman, Kellie L., Carol L. Mariani, Rodin M. Rasoloarison, & Anne D. Yoder.** 2007. "Multiple nuclear loci reveal patterns of incomplete lineage sorting and complex species history within western mouse lemurs (*Microcebus*)." *Molecular Phylogenetics and Evolution* **43** (May): 353-367.
- Heckman, Timothy M., & Guinevere Kauffmann.** 2011. "The Coevolution of Galaxies and Supermassive Black Holes: A Local Perspective." *Science* **333** (8 July): 182-185.
- Heddy, Benjamin C., & Louis S. Nadelson.** 2012. "A Global Perspective of the Variables Associated with Acceptance of Evolution." *Evolution: Education & Outreach* **5** (September): 412-418.
- . 2013. "The variables related to public acceptance of evolution in the United States." *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 3.
- Hedges, Chris.** 2008. *I Don't Believe in Atheists*. New York: The Free Press.
- . 2013. "The Radical Christian Right and the War on Government." *truthdig* 6 October posting (online text at www.truthdig.com accessed 3/5/2016).
- Hedges, Dale J., Pauline A. Callinan, Richard Cordaux, Jinchuan Xing, Erin Barnes, & Mark A. Batzer.** 2004. "Differential *Alu* Mobilization and Polymorphism Among the Human and Chimpanzee Lineages." *Genome Research* **14** (June): 1068-1075.
- Hedges, S. Blair.** 2001a. "Afrotheria: Plate tectonics meets genomics." *Proceedings of the National Academy of Sciences* **98** (2 January): 1-2.
- . 2001b. "Molecular evidence for the early history of living vertebrates," in Ahlberg (2001, 119-134).
- . 2012. "Amniote phylogeny and the position of turtles." *BMC Biology* (online @ biomedcentral.com) **10** (27 July): 64.
- . 2014. "The high-level classification of skinks (Reptilia, Squamata, Scincomorpha)." *Zootaxa* **3765** (4): 317-338.
- Hedges, S. Blair, Jaime E. Blair, Maria L. Venturi, & Jason L. Shoe.** 2004. "A molecular timescale of eukaryote evolution and the rise of complex multicellular life." *BMC Evolutionary Biology* (online @ biomedcentral.com) **4** (28 January): 2.
- Hedges, S. Blair, Hsiung Chen, Sudhir Kumar, Daniel Y.-C. Wang, Amanda S. Thompson, & Hidemi Watanabe.** 2001. "A genomic timescale for the origin of eukaryotes." *BMC Evolutionary Biology* (online @ biomedcentral.com) **1** (12 September): 4.

- Hedges, S. Blair, & Sudhir Kumar.** 2003. “Genomic clocks and evolutionary timescales.” *Trends in Genetics* **19** (April): 200-206.
- . 2004. “Precision of molecular time estimates.” *Trends in Genetics* **20** (May): 242-247.
- , eds. 2009. *The TimeTree of Life*. New York: Oxford University Press.
- Hedges, S. Blair, Sudhir Kumar, & Marcel van Tuinen.** 2006. “Constraining fossil calibrations for molecular clocks.” *BioEssays* **28** (July): 770-771.
- Hedges, S. Blair, Julie Marin, Michael Suleski, Madeline Paymer, & Sudhir Kumar.** 2015. “Tree of Life Reveals Clock-Like Speciation and Diversification.” *Molecular Biology and Evolution* **32** (April): 835-845.
- Hedges, S. Blair, Patrick H. Parker, Charles G. Sibley, & Sudhir Kumar.** 1996. “Continental breakup and the ordinal diversification of birds and mammals.” *Nature* **381** (16 May): 226-229.
- Hedges, S. Blair, & Laura L. Poling.** 1999. “A Molecular Phylogeny of Reptiles.” *Science* **283** (12 February): 998-1001.
- Hedges, S. Blair, Mary H. Schweitzer, & Steven Henikoff, & Marc W. Allard, Deshea Young, Yentram Huyen, & H. Zischler, M. Höss, O. Handt, A. von Haeseler, A. C. van der Kuyl, J. Goudsmit, S. Pääbo.** 1995. “Detecting Dinosaur DNA,” with Response by **Scott R. Woodward.** *Science* **268** (26 May): 1191-1194.
- Hedglin, Mark, Binod Pandey, & Stephen J. Benkovic.** 2016. “Stability of the human polymerase δ holoenzyme and its implications in lagging strand DNA synthesis.” *Proceedings of the National Academy of Sciences* **113** (29 March): E1777-E1786.
- Hedin, Eric R.** 2012. “The Boundaries of Science.” Syllabus for Ball State University Spring *Honors 296 Symposium in the Physical Sciences* course (online pdf at www.thestarpress.com accessed 5/25/2013).
- . 2013. “Refereed Publications (grouped by field of research).” Ball State University faculty posting (online pdf at cms.bsu.edu accessed 2/13/2014)
- Hedin, Marshal, James Starrett, Sajia Akhter, Axel L. Schönhofer, & Jeffrey W. Shultz.** 2012. “Phylogenomic Resolution of Paleozoic Divergences in Harvestmen (Arachnida, Opiones) via Analysis of Next-Generation Transcriptome Data.” *PLoS ONE* (online @ plosone.org) **7** (August): e42888.
- Hedman, M. M., J. A. Burns, M. W. Evans, M. S. Tiscareno, & C. C. Porco.** 2011. “Saturn’s Curiously Corrugated C Ring.” *Science* **332** (6 May): 708-711.
- Hedman, M. M., C. M. Gosmeyer, P. D. Nicholson, C. Sotin, R. H. Brown, R. N. Clark, K. H. Baines, B. J. Buratti, & M. R. Showalter.** 2013. “An observed correlation between plume activity and tidal stress on Enceladus.” *Nature* **500** (8 August): 182-184.
- Hedrich, Sabrina, Michael Schlömann, & D. Barrie Johnson.** 2011. “The iron-oxidizing proteobacteria.” *Microbiology* **157** (June): 1551-1564.
- Hedrick, Michael S., Stanley S. Hillman, Robert C. Drewes, & Philip C. Withers.** 2013. “Lymphatic regulation in nonmammalian vertebrates.” *Journal of Applied Physiology* **115** (August): 297-308.
- Hedtke, Randall.** 2002. “The Case for a Scientifically Objective Evolution Curriculum.” *Southern Minnesota Association for Creation* posting adapted from his book *The Great Evolution Curriculum Hoax* (online pdf at www.tccsa.tc accessed 12/21/2013).
- Hedtke, Shannon M., Matthias Glaubrecht, & David M. Hillis.** 2011. “Rare gene capture in predominantly androgenetic species.” *Proceedings of the National Academy of Sciences* **108** (7 June): 9520-9524.
- Hedtke, Shannon M., Sébastien Patiny, & Bryan N. Danforth.** 2013. “The bee tree of life: a supermatrix approach to apoid phylogeny and biogeography.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (3 July): 138.
- Heer, Jeet.** 2015a. “Making It in (Right-Wing) America.” *The New Republic* 20 February posting: online text accessed 1/17/2017 (newrepublic.com).
- . 2015b. “National Review Magazine’s Racism Denial, Then and Now.” *The New Republic* 19 June posting: online text accessed 6/19/2015 (newrepublic.com).
- Heeren, Fredric.** 1998. “The Debate Goes On ... Does Modern Cosmology Point to a Biblical

- Creation? YES!” *Cosmic Pursuit* **1** (Spring): 36-43.
- . 2000a. “A little fish challenges a giant of science.” *The Boston Globe* (30 May): E1, E4.
- . 2000b. “Paleontologic Agitprop?” *The Washington Times* “Insight” posting 24 July: online text accessed 7/7/2016 (www.washingtontimes.com).
- . 2000c. “The Lynching of Bill Dembski.” *The American Spectator* **9** (November): 44-51.
- . 2000d. “The Deed Is Done.” *The American Spectator* **10** (December): 28-29.
- . 2002. “Seven Science Questions For Skeptics.” *Christian Research Journal* **24** (3): online text accessed 1/24/2011 (equip.org).
- . 2004. “Caveful of Clues About Early Humans.” *The Washington Post* posting 20 September: online text accessed 5/24/2013 (www.washingtonpost.com).
- . 2008. “Finding Fossils Faster.” *Scientific American* **298** (May): 28, 30.
- . 2011. “Rise of the Titans.” *Nature* **475** (14 July): 159-161.
- . 2013. *Ending the War on Science and Culture: When Christians Act Childish, Everyone Loses, So What Can We Do?* Olathe, KS: Day Star Research.
- Heers, Ashley M., David B. Baier, Brandon E. Jackson, & Kenneth P. Dial.** 2016. “Flapping before Flight: High Resolution, Three-Dimensional Skeletal Kinematics of Wings and Legs during Avian Development.” *PLoS ONE* (online @ plosone.org) **11** (April): e0152446.
- Heers, Ashley M., & Kenneth P. Dial.** 2015. “Wings versus legs in the avian *bauplan*: Development and evolution of alternative locomotor strategies.” *Evolution* **69** (February): 305-320.
- Heeschen, Katja U., Anne M. Tréhu, Robert W. Collier, Erwin Suess, & George Rehder.** 2003. “Distribution and height of methane bubble plumes on the Cascadia Margin characterized by acoustic imaging.” *Geophysical Research Letters* **30** (12): 1643.
- Heesy, Christopher P.** 2004. “On the Relationship Between Orbit Orientation and Binocular Visual Field Overlap in Mammals.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1104-1110.
- Heffer, Alison, Jeffrey W. Shultz, & Leslie Pick.** 2010. “Surprising flexibility in a conserved Hox transcription factor over 550 million years of evolution.” *Proceedings of the National Academy of Sciences* **107** (19 October): 18040-18045.
- Heffer, Alison, Jie Xiang, & Leslie Pick.** 2013. “Variation and constraint in *Hox* gene evolution.” *Proceedings of the National Academy of Sciences* **110** (5 February): 2211-2216.
- Heffernan, Olive.** 2012. “Grim picture of polar ice-sheet loss.” *Nature News* (29 November) posting (online text at nature.com accessed 11/29/2012).
- . 2016. “The mystery of the expanding tropics.” *Nature* **530** (4 February): 20-22.
- Heffernan, Virginia.** 2011. “Unnatural Science.” *The New York Times* posting 30 July: online text accessed 11/20/2014 (www.nytimes.com).
- . 2013. “Why I’m a creationist.” *Yahoo! News* posting 11 July (online text at news.yahoo.com accessed 8/1/2013).
- Heffner, Rickye S.** 2004. “Primate Hearing From a Mammalian Perspective.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1111-1122.
- Hefner, Philip.** 2001. “Understanding Religion: The Challenge of E. O. Wilson.” *Zygon* **36** (June): 241-248.
- Heger, Peter, Birger Marin, Marek Bartkuhn, Einhard Schierenberg, & Thomas Wiehe.** 2012. “The chromatin insulator CTCF and the emergence of metazoan diversity.” *Proceedings of the National Academy of Sciences* **109** (23 October): 17507-17512.
- Hegerl, Gabriele C., & Tom Russon.** 2011. “Using the Past to Predict the Future?” *Science* **334** (9 December): 1360-1361.
- Hegerl, Gabriele C., & Susan Solomon.** 2009. “Risks of Climate Engineering.” *Science* **325** (21 August): 955-956.
- Heggarty, Paul.** 2013. “Ultraconserved words and Eurasiatic? The ‘faces in the fire’ of language prehistory.” *Proceedings of the National Academy of Sciences* **110** (27 August): E3254.

- Hegna, Thomas A.** 2008. "CLADISTIC ANALYSIS OF PTYCHASPIDID TRILOBITES (UPPER CAMBRIAN), AND A NEW HYPOTHESIS OF INGROUP RELATIONSHIPS," in Rábano *et al.* (2008, 167-169).
- Hegna, Thomas A., Markus J. Martin, & Simon A. F. Darroch.** 2017. "Pyritized *in situ* trilobite eggs from the Ordovician of New York (Lorraine Group): Implications for trilobite reproductive biology." *Geology* **45** (March): 199-202.
- Hegreness, Matthew, & Matthew Meselson.** 2007. "What Did Sutton See? Thirty Years of Confusion Over the Chromosomal Basis of Mendelism." *Genetics* **176** (August): 1939-1944.
- Hehman, Eric, Zachary A. Ingbreetsen, & Jonathan B. Freeman.** 2014. "The neural basis of stereotypic impact on multiple social categorization." *NeuroImage* **101** (1 November): 704-711.
- Heidel, Alexander.** 1951. *The Babylonian Genesis: The Story of Creation*. 2nd ed. Chicago: University of Chicago Press.
- Heidelberger, Cory A.** 2011. "United States Exceptionally Dumb About Evolution." *Madville Times* (South Dakota) posting 21 August: online text accessed 1/27/2015 (madvilletimes.com).
- . 2014. "Steve Hickey Pitches Democratic Credentials in District 9." *Madville Times* (South Dakota) posting 3 November: online text accessed 1/27/2015 (madvilletimes.com).
- Heidinger, Britt J., Jonathan D. Blount, Winnie Boner, Kate Griffiths, Neil B. Metcalfe, & Pat Monaghan.** 2012. "Telomere length in early life predicts lifespan." *Proceedings of the National Academy of Sciences* **109** (31 January): 1743-1748.
- Heie, Nolan.** 2008. "Ernst Haeckel and the Redemption of Nature." Queen's University (Ontario, Canada) doctoral thesis (online pdf at citeseerx.ist.psu.edu accessed 6/8/2012).
- Heilman, Kenneth M.** 2007. "Freud and neuropsychology: Comments related to anosognosia." *Cortex* **43** (8): 1091-1092.
- Heim, Erin N., Jez L. Marston, Ross S. Federman, Anne P. B. Edwards, Alexander G. Karabadzhak, Lisa M. Petit, Donald M. Engelman, & Daniel DiMaio.** 2015. "Biologically active LIL proteins built with minimal chemical diversity." *Proceedings of the National Academy of Sciences* **112** (25 August): E4717-E4725.
- Heim, Noel A.** 2008. "A null biogeographic model for quantifying the role of migration in shaping patterns of global taxonomic richness and differentiation diversity, with implications for Ordovician biogeography." *Paleobiology* **34** (May): 195-209.
- Heim, Noel A., Matthew L. Knope, Ellen K. Schaal, Steve C. Wang, & Jonathan L. Payne.** 2015. "Cope's rule in the evolution of marine animals." *Science* **347** (20 February): 867-870.
- Heimberg, Alysha M., Richard Cowper-Sal·lari, Marie Sémon, Philip C. J. Donoghue, & Kevin J. Peterson.** 2010. "microRNAs reveal the interrelationships of hagfish, lampreys, and gnathostomes and the nature of the ancestral vertebrate." *Proceedings of the National Academy of Sciences* **104** (9 November): 19379-19383.
- Heimberg, Alysha M., Lorenzo F. Sempere, Vanessa N. Moy, Philip C. J. Donoghue, & Kevin J. Peterson.** 2008. "MicroRNAs and the advent of vertebrate morphological complexity." *Proceedings of the National Academy of Sciences* **105** (26 February): 2946-2950.
- Hein, Grit, Jan B. Engelmann, Marius C. Vollberg, & Philippe N. Tobler.** 2016. "How learning shapes the empathic brain." *Proceedings of the National Academy of Sciences* **113** (5 January): 80-85.
- Hein, Grit, Yosuke Morishima, Susanne Leiberg, Sunhae Sul, & Ernst Fehr.** 2016. "The brain's functional network architecture reveals human motives." *Science* **351** (4 March): 1074-1078.
- Hein, Jason E., & Donna G. Blackmond.** 2012. "On the Origin of Single Chirality of Amino Acids and Sugars in Biogenesis." *Accounts of Chemical Research* **45** (December): 2045-2054.
- Heinauer, Laura.** 2007. "State science curriculum director resigns." *Austin American-*

- Statesman* 29 November article: online text accessed 11/29/2007 at www.statesman.com).
- Heine, Steven J.** 2011. “Evolutionary explanations need to account for cultural variation.” *Behavioral and Brain Sciences* **34** (1): 26-27.
- Heineman, Richard H., James J. Bull, & Ian J. Molineux.** 2009. “Layers of Evolvability in a Bacteriophage Life History Trait.” *Molecular Biology and Evolution* **26** (June): 1289-1298.
- Heinemann, Ilka U., Patrick O. Donoghue, Catherine Madinger, Jack Benner, Lennart Randau, Christopher J. Noren, & Dieter Söll.** 2009. “The appearance of pyrrolysine in tRNA^{His} guanylyltransferase by neutral evolution.” *Proceedings of the National Academy of Sciences* **106** (15 December): 21103-21108.
- Heinen, Tobias J. A. J., Fabian Staubach, Daniela Häming, & Diethard Tautz.** 2009. “Emergence of a New Gene from an Intergenic Region.” *Current Biology* **19** (29 September): 1527-1531.
- Heinhorst, Sabine, & Gordon C. Cannon.** 2010. “Addressing microbial organelles: A short peptide directs enzymes to the interior.” *Proceedings of the National Academy of Sciences* **107** (27 April): 7627-7628.
- Heinicke, Matthew P., William E. Duellman, & S. Blair Hedges.** 2007. “Major Caribbean and Central American frog faunas originated by ancient oceanic dispersal.” *Proceedings of the National Academy of Sciences* **104** (12 June): 10092-10097.
- Heinrich, Bernd.** 1996. *The Thermal Warriors: Strategies of Insect Survival*. Cambridge, MA: Harvard University Press.
- Heinrich, Joseph, & Joan B. Silk.** 2013. “Interpretive problems with chimpanzee ultimatum game.” *Proceedings of the National Academy of Sciences* **110** (13 August): E3049.
- Heinsohn, Robert, Christina N. Zdenek, Ross B. Cunningham, John A. Endler, & Naomi E. Langmore.** 2017. “Tool-assisted rhythmic drumming in palm cockatoos shares key elements of human instrumental music.” *Science Advances* **3** (28 June): e1602399 (online at sciencemag.org).
- Heintzman, Peter D., Duane Froese, John W. Ives, André E. R. Soares, Grant D. Zazula, Brandon Letts, Thomas D. Andrews, Jonathan C. Driver, Elizabeth Hall, P. Gregory Hare, Christopher N. Jass, Glen MacKay, John R. Southon, Mathias Stiller, Robin Woywitka, Marc A. Suchard, & Beth Shapiro.** 2016. “Bison phylogeography constrains dispersal and viability of the Ice Free Corridor in western Canada.” *Proceedings of the National Academy of Sciences* **113** (19 July): 8057-8063.
- Heinz, Donald.** 2010. “Humanitarian Victims or Christian Martyrs: What’s in a Word?” *Religion Dispatches* 8 September posting (online text at religiondispatches.org accessed 9/9/2010).
- Heinze, Thomas F.** 2002. “How Could Evolution Take Place?” *Creationism* 15 March updated posting (online text at www.creationism.org accessed 9/16/2013).
- . 2003. “Scientific Evidence that God Created Life.” *Creationism* May posting (online text at www.creationism.org accessed 10/24/2007).
- . 2004. “‘Proofs’ of Evolution.” *Creationism* June posting (online text at www.creationism.org accessed 9/16/2013).
- . 2007a. “Answers to my Evolutionist Friends: Evolution Is Built on Whoppers and Bloopers.” *Creationism* March posting (online text at www.creationism.org accessed 9/16/2013).
- . 2007b. “Darwin’s Absolute Breakdown.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **25** (July/August): 3.
- . 2008. “How Does Evolution ‘Work’?” *Design Science Association Newsletter* October posting (online pdf at www.pdxdsa.org accessed 9/16/2013).
- Heinzerling, Hollis F., Marianella Olivares, & Robert A. Burne.** 1997. “Genetic and Transcriptional Analysis of *flgB* Flagellar Operon Constituents in the Oral Spirochete *Treponema denticola* and Their Heterologous Expression in Enteric Bacteria.” *Infection and Immunity* **65** (June): 2041-2051.
- Heisenberg, Martin.** 2009. “Is free will an illusion?” *Nature* **459** (14 May): 164-165.
- Heiser, Michael S.** 2003. “The Myth of a Sumerian 12th Planet: ‘Nibiru’ According to the

- Cuneiform Sources.” *Sitchin Is Wrong* posting (online pdf at www.sitchiniswrong.com accessed 1/28/2015).
- . 2005a. “Spelling the End of Grant Jeffrey’s ‘Jesus Codes’: How the Text of Isaiah 52:13-53:12 in the Oldest Hebrew Manuscripts from the Dead Sea Scrolls Proves that the Letter Sequences of the Hebrew Bible Have Changed.” *Talk Reason* 8 January posting (online pdf at talkreason.org accessed 1/20/2005).
- . 2005b. “The Mother of All Disruptions: The Bible Code’s Jeremiah Problem.” *Talk Reason* 11 January posting (online pdf at talkreason.org accessed 1/20/2005).
- . 2008. “Biblical Giants and Dinoaur Bones.” *PaleoBabble* 9 July posting (online text at michaelsheiser.com accessed 2/22/2015).
- . 2011a. Dinosaur Petroglyphs and a Lesson in Intellectual Dishonesty.” *Michael Heiser* 9 March posting (online text at drms.com accessed 2/22/2015).
- . 2011b. “Ron Wyatt and Those Egyptian Chariot Wheels.” *PaleoBabble* 16 December posting (online text at michaelsheiser.com accessed 8/23/2013).
- . 2016. “Baalbek.” *Ancient Aliens Debunked* undated posting (online text at ancientaliensdebunked.com accessed 6/5/2016).
- Heiss, Joe, Daniel J. Condon, Noah McLean, & Stephen R. Noble.** 2012. “²³⁸U/²³⁵U Systematics in Terrestrial Uranium-Bearing Minerals.” *Science* **335** (30 March): 1610-1614.
- Heist, Annette.** 2000. “Singing in the Brain.” *Natural History* **109** (October): 14-16.
- Heitz, Jean G., Jan A. Cheetham, E. Michelle Capes, & Robert L. Jeanne.** 2010. “Interactive Evolution Modules Promote Conceptual Change.” *Evolution: Education & Outreach* **3** (September): 436-442.
- Heitzig, Jobst, Kai Lessmann, & Yong Zou.** 2011. “Self-enforcing strategies to deter free-riding in the climate change mitigation game and other repeated public good games.” *Proceedings of the National Academy of Sciences* **108** (20 September): 15739-15744.
- Hejnl, Andreas.** 2010. “A Twist in Time—The Evolution of Spiral Cleavage in the Light of Animal Phylogeny.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **50** (November): 695-706.
- . 2012. “Muscle’s dual origins.” *Nature* **487** (12 July): 181-182.
- . 2014. “Excitation over jelly nerves.” *Nature* **510** (5 June): 38-39.
- Hejnl, Andreas, & Mark Q. Martindale.** 2008. “Acoel development supports a simple planula-like urbilaterian.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1493-1501.
- Helariutta, Yrjö, Mika Kotilainen, Paula Elomaa, Nisse Kalkkinen, Kåre Bremer, Teemu H. Teeri, & Victor A. Albert.** 1996. “Duplication and functional divergence in the chalcone synthase gene family of Asteraceae: Evolution with substrate change and catalytic simplification.” *Proceedings of the National Academy of Sciences* **93** (20 August): 9033-9038.
- Helbig, A. J.** 2005. “A ring of species.” *Heredity* **95** (August): 113-114.
- Helble, Timothy K.** 2011. “Sediment Transport and the Coconino Sandstone: A Reality Check on Flood Geology.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (March): 25-41.
- Held, Isaac M.** 2013. “The cause of the pause.” *Nature* **501** (19 September): 318-319.
- . 2014. “Simplicity amid Complexity.” *Science* **343** (14 March): 1206-1207.
- Helder, Margaret.** 1992. “Fresh Dinosaur Bones Found.” *Answers in Genesis Creation* **14** (June): 16-17.
- . 1995. “Living Fossils: How Significant Are They?” *Creation Science Association of Alberta Dialogue Magazine* (September) posting (online text at www.create.ab.ca accessed 12/10/2013).
- . 1996. “Dinosaur Feathers or What?” *Creation Science Association of Alberta* reprint of *Christian Renewal* (September) article (online text at www.create.ab.ca accessed 12/10/2013).
- . 1997. “Dinosaur Disasters.” *Creation Science Association of Alberta* reprint of *Reformed Perspective* (May) article (online text at www.create.ab.ca accessed 12/10/2013).

- . 2000. “That Fossil is a Fake!” Creation Science Association of Alberta *Dialogue Magazine* (April) posting (online text at www.create.ab.ca accessed 12/10/2013).
- . 2002. “Extinction Merry-Go-Round.” Creation Science Association of Alberta *Dialogue Magazine* (May) posting (online text at www.create.ab.ca accessed 12/10/2013).
- . 2008. “Tiktaalik and Fellow Fish Fossils.” Creation Science Association of Alberta *Dialogue Magazine* (April) posting (online text at www.create.ab.ca accessed 12/10/2013).
- . 2009. “Spectacular Anniversary Review.” Creation Science Association of Alberta *Dialogue Magazine* (December) posting (online text at www.create.ab.ca accessed 12/10/2013).
- Heled, Joseph, & Alexei J. Drummond.** 2010. “Bayesian Inference of Species Trees from Multilocus Data.” *Molecular Biology and Evolution* **27** (March): 570-580.
- Helenius, Iiro Taneli, Thomas Krupinski, Douglas W. Turnbull, Yosef Gruenbaum, Neal Silverman, Eric A. Johnson, Peter H. S. Sporn, Jacob I. Sznajder, & Greg J. Beitel.** 2009. “Elevated CO₂ suppresses specific *Drosophila* innate immune responses and resistance to bacterial infection.” *Proceedings of the National Academy of Sciences* **106** (3 November): 18710-18715.
- Helfenbein, Kevin G., & Jeffrey L. Boore.** 2004. “The Mitochondrial Genome of *Phoronis architecta*—Comparisons Demonstrate that Phoronids Are Lophotrochozoan Protostomes.” *Molecular Biology and Evolution* **21** (January): 153-157.
- Helfenbein, Kevin G., H. Matthew Fourcade, Rohit G. Vanjani, & Jeffrey L. Boore.** 2004. “The mitochondrial genome of *Paraspedella gotoi* is highly reduced and reveals that chaetognaths are a sister group to protostomes.” *Proceedings of the National Academy of Sciences* **101** (20 July): 10639-10643.
- Helfinstein, Sarah M., Tom Schonberg, Eliza Congdon, Katherine H. Karlsgodt, Jeanette A. Mumford, Fred W. Sabb, Tyrone D. Cannon, Edythe D. London, Robert M. Bilder, & Russell A. Poldrack.** 2014. “Predicting risky choices from brain activity patterns.” *Proceedings of the National Academy of Sciences* **111** (18 February): 2470-2475.
- Helfrich, Carl.** 2012. “Care with science, evolution and religion.” *Lafayette Journal and Courier* posting 4 December: online text accessed 12/7/2012 (www.jconline.com).
- Helfrich, Harold W. Jr., ed.** 1970. *The Environmental Crisis: Man’s Struggle to Live with Himself*. New Haven, CT: Yale University Press.
- Helgason, Thorunn, & Alastair H. Fitter.** 2009. “Natural selection and the evolutionary ecology of the arbuscular mycorrhizal fungi (Phylum Glomeromycota).” *Journal of Experimental Botany* **60** (9 July): 2465-2480.
- Helgen, Kristofer M.** 2011. “The Mammal Family Tree.” *Science* **334** (28 October): 458-459.
- Helguero, Francis.** 2005. “Creation Scientists in Three Way Debate with Intelligent Design, Evolution.” *The Christian Post* (22 December): online text accessed 3/3/2015 (christianpost.com).
- The Heliconius Genome Consortium.** 2012. “Butterfly genome reveals promiscuous exchange of mimicry adaptations among species.” *Nature* **487** (5 July): 94-98.
- Hellawell, Jo, Chris Ballhaus, Carole T. Gee, George E. Mustoe, Thorsten J. Nagel, Richard Wirth, Janet Rethemeyer, Frank Tomaschek, Thorsten Geisler, Karin Greef, & Tim Mansfeldt.** 2015. “Incipient silicification of recent conifer wood at a Yellowstone hot spring.” *Geochimica et Cosmochimica Acta* **149** (15 January): 79-87.
- Hellawell, Jo, & Patrick J. Orr.** 2012. “Deciphering taphonomic processes in the Eocene Green River Formation of Wyoming.” *Palaeobiodiversity and Palaeoenvironments* **92** (September): 353-365.
- Helled, Ravit, Peter Bodenheimer, Morris Podolak, Aaron Boley, Farzana Meru, Sergei Nayakshin, Jonathan J. Fortney, Lucio Mayer, Yann Alibert, & Alan P. Boss.** 2014. “Giant Planet Formation, Evolution, and Internal Structure,” in Beuther *et al.* (2014, 643-666).
- Hellemans, Alexander.** 1997. “Galactic Disk Contains No Dark Matter.” *Science* **271** (14 November): 1230.
- Hellen, Elizabeth H. B., & John F. Y. Brookfield.** 2011. “Investigation of the Origin and

- Spread of a Mammalian Transposable Element Based on Current Sequence Diversity.” *Journal of Molecular Evolution* **73** (December): 287-296.
- Heller, Michael.** 2008. “Statement By Professor Michael (Michał) Heller At The Templeton Prize News Conference, March 12, 2008.” *Templeton Foundation* posting (online pdf at www.templetonprize.org accessed 2/4/2017).
- Hellier, Coel.** 2010. “Nazi racial ideology was religious, creationist and opposed to Darwinism.” *Coelsblog* 8 November posting (online text at www.coelsblog.wordpress.com accessed 7/24/2014).
- . 2011a. “A fine-tuned universe argues for atheism.” *Coelsblog* 16 November posting (online text at www.coelsblog.wordpress.com accessed 7/24/2014).
- . 2011b. “Science can answer morality questions.” *Coelsblog* 12 December posting (online text at www.coelsblog.wordpress.com accessed 7/24/2014).
- . 2013a. “Britain’s 10 worst violations of religious equality.” *Coelsblog* 19 February posting (online text at www.coelsblog.wordpress.com accessed 7/24/2014).
- . 2013b. “Einstein the atheist on religion and God.” *Coelsblog* 8 April posting (online text at www.coelsblog.wordpress.com accessed 7/24/2014).
- . 2014a. “The multiverse as a scientific concept—part I.” *Scientia Salon* 3 June posting (online text at scientiasalon.wordpress.com accessed 7/24/2014).
- . 2014b. “The multiverse as a scientific concept—part II.” *Scientia Salon* 5 June posting (online text at scientiasalon.wordpress.com accessed 7/24/2014).
- Helliwell, Katherine E., Glen L. Wheeler, Kyriacos C. Leptos, Raymond E. Goldstein, & Alison G. Smith.** 2011. “Insights into the Evolution of Vitamin B₁₂ Auxotrophy from Sequenced Algal Genomes.” *Molecular Biology and Evolution* **28** (October): 2921-2933.
- Helliwell, Katherine E., Glen L. Wheeler, & Alison G. Smith.** 2013. “Widespread decay of vitamin-related pathways: coincidence or consequence? *Trends in Genetics* **29** (August): 469-478.
- Hellman, Hal.** 1998. *Great Feuds in Science: Ten of the Liveliest Disputes Ever*. New York: John Wiley & Sons.
- . 2001. *Great Feuds in Medicine: Ten of the Liveliest Disputes Ever*. New York: John Wiley & Sons.
- Hellsten, Uffe, Richard M. Harland, Michael J. Gilchrist, David Hendrix, Jerzy Jurka, Vladimir Kapitonov, Ivan Ovcharenko, Nicholas H. Putnam, Shengqiang Shu, Leila Taher, Ira L. Blitz, Bruce Blumberg, Darwin S. Dichmann, Inna Dubchak, Enrique Amaya, John C. Detter, Russell Fletcher, Daniela S. Gerhard, David Goodstein, Tina Graves, Igor V. Grigoriev, Jane Grimwood, Takeshi Kawashima, Erika Lindquist, Susan M. Lucas, Paul E. Mead, Therese Mitros, Hajime Ogino, Yuko Ohta, Alexander V. Poliakov, Nicolas Pollet, Jacques Robert, Asaf Salamov, Amy K. Sater, Jeremy Schmutz, Astrid Terry, Peter D. Vize, Wesley C. Warren, Dan Wells, Andrea Wills, Richard K. Wilson, Lyle B. Zimmerman, Aaron M. Zorn, Robert Grainger, Timothy Grammer, Mustafa K. Khokha, Paul M. Richardson, & Daniel S. Rokhsar.** 2010. “The Genome of the Western Clawed Frog *Xenopus tropicalis*.” *Science* **328** (30 April): 633-636.
- Hellstrom, John.** 2012. “Absolute Dating of Cave Art.” *Science* **336** (15 June): 1387-1388.
- Helluy, Simone, & Frederic Thomas.** 2003. “Effects of *Microphallus papillorobustus* (Platyhelminthes: Trematoda) on serotonergic immunoreactivity and neuronal architecture in the brain of *Gammarus insensibilis* (Crustacea: Amphipoda).” *Proceedings of the Royal Society of London B* (Biological Sciences) **270** (22 March): 563-568.
- . 2010. “Parasitic manipulation and neuroinflammation: Evidence from the system *Microphallus papillorobustus* (Trematoda) – *Gammarus* (Crustacea).” *Parasites & Vectors* (online @ parasitesandvectors.com) **3** (April): 38.
- Hellyer, H. A.** 2011. “Egyptians Approve Constitution with Establishment of Islam as State Religion.” *Religion Dispatches* 21 March posting (online text at religiondispatches.org accessed 3/22/2011).
- Helminiak, Daniel A.** 2000. “A Rebuttal to ‘A Reformed Response to Daniel Helminiak’s Gay Theology’.” *Visions of Daniel* undated posting (online text at www.visionsofdaniel.net

- accessed 5/15/2014).
- Helmkamp, Martin, Iris Bruchhaus, & Bernhard Hausdorf.** 2008. "Phylogenomic analyses of lophophorates (brachiopods, phoronids and bryozoans) confirm the Lopotrochozoa concept." *Proceedings of the Royal Society of London B (Biological Sciences)* **275** (22 August): 1927-1933.
- Helms, Anjel M., Consuela M. De Moraes, John F. Tooker, & Mark C. Mescher.** 2013. "Exposure of *Solidago altissima* plants to volatile emissions of an insect antagonist (*Eurosta solidaginis*) deters subsequent herbivory." *Proceedings of the National Academy of Sciences* **110** (2 January): 199-204.
- Helms, Johnny T.** 2009. "A Book Review: The Theistic Evolution of William A. Dembski of Southwestern Baptist Theological Seminary, 'The End of Christianity'." *Our Sovereign Truth* 27 December posting (online text at oursovereignjoy.blogspot.com accessed 2/6/2014).
- Helms, Randel McGraw.** 2006. *The Bible Against Itself: Why the Bible Seems to Contradict Itself*. Altadena, CA: Millennium Press.
- Helmuth, Laura.** 2001a. "Dyslexia: Same Brains, Different Languages." *Science* **291** (16 March): 2064-2065.
- . 2001b. "Moral Reasoning Relies on Emotion." *Science* **293** (14 September): 1971-1972.
- . 2003a. "Fear and Trembling in the Amygdala." *Science* **300** (25 April): 568-569.
- . 2003b. "Brain Model Puts Most Sophisticated Regions Front and Center." *Science* **302** (14 November): 1133.
- Help for Homeschoolers.* 2013. "What Do Scientists Think about Evolution?" *Help for Homeschoolers* undated posting (online text at www.helpforhomeschoolers.com accessed 12/14/2013).
- Helvarg, David.** 1994. *The War Against the Greens: The "Wise-Use" Movement, the New Right, and Anti-Environmental Violence*. San Francisco: Sierra Club Books.
- Helwig, Otto J.** 1995. "How Long an Evening and Morning?" Reasons to Believe *Faith and Faith* **9** (3): 8-9.
- . 1997a. "Scientific Facts and Christian Faith: How Are They Compatible?" *Leadership U* posting of *USA Today* March article (online text at leaderu.com accessed 11/24/2013).
- . 1997b. "How Short an Evening and Morning? Reply." *Journal of Creation (AKA Answers in Genesis Creation ex Nihilo Technical Journal)* **11** (3): 304-306.
- Helzer, Erik G., & David A. Pizarro.** 2011. "Dirty Liberals! Reminders of Physical Cleanliness Influence Moral and Political Attitudes." *Psychological Science* **22** (April): 517-522.
- Hemberger, Myriam, Haymo Kurz, Annie Orth, Sabine Otto, Angela Lüttges, Rosemary Elliott, Andras Nagy, Seong-Seng Tan, Patrick Tam, Ulrich Zechner, & Reinald H. Fundele.** 2001. "Genetic and Development Analysis of X-Inactivation in Interspecific Hybrid Mice Suggests a Role for the Y Chromosome in Placental Dysplasia." *Genetics* **157** (January): 341-348.
- Hemberger, Myriam, & Roger Pedersen.** 2010. "Epigenome Disruptors." *Science* **330** (29 October): 598-599.
- Hemingway, D., F. Nimmo, H. Zebker, & L. Iess.** 2013. "A rigid and weathered ice shell on Titan." *Nature* **500** (29 August): 550-552.
- Hemingway, Janet, & Alister Craig.** 2004. "New Ways to Control Malaria." *Science* **303** (26 March): 1984-1985.
- Hemler, Deb, & Tom Repine.** 2002. "Reconstructing the Geologic Timeline." National Science Teachers Association *The Science Teacher* **69** (April): 32-35.
- Henderson, Alex.** 2015. "Fighting the culture wars with hate, violence and bullets: Meet the most extreme of the radical Christians." *The Raw Story* 17 November posting (online text at www.rawstory.com accessed 11/17/2015).
- Henderson, Bobby.** 2006. *The Gospel of the Flying Spaghetti Monster*. New York: Villard.
- Henderson, Donald M.** 1998. "Skull and tooth morphology as indicators of niche partitioning in sympatric Morrison Formation theropods." *Gaia* **15** (December): 219-226.
- . 2013. "A one-in-a-billion dinosaur find." The Guardian Dave Hone *Lost Worlds* guest

- posting 13 May (online text at *theguardian.com* accessed 1/31/2014).
- Henderson, Doug.** 2013. "Bringing Lucy to Life." *Answers in Genesis Answers Magazine* (January-March): 62-67.
- Henderson, John R.** 2011. "Demographics of the Passengers." *Titanic* posting updated 20 January (online text at *www.ithaca.edu* accessed 8/15/2011).
- Henderson, Thomas H.** 1997. "How has Liberty been affected by the Rise of Naturalism in Education?" 2003 posting of *College of Biblical Studies* term paper (online text at *users.hal-pc.org* accessed 2/11/2011).
- Hendey, Q. B.** 1973. "Carnivore remains from the Kromdraai Australopithecine site (Mammalia: Carnivora)." *Annals of the Transvaal Museum* **28** (31 January): 99-112.
- Hendley, Matthew.** 2011. "Atheist Group's New Florida Billboards About to Piss Off a Whole Bunch of Jesus Fans." *The Pulp* 14 November posting (online text at *blogs.browardpalmbeach.com* accessed 11/17/2011).
- . 2013. "Atheist State Lawmaker Quotes Carl Sagan Instead of Doing Prayer Before House Session." *Phoenix New Times Valley Fever* 21 May posting (online text at *blogs.phoenixnewtimes.com* accessed 5/22/2013).
- Hendon, Joel.** 2010. "Evolutionists hypotheses refute evolution, confirm creation." *National biblical* posting 18 August (online text at *www.examiner.com* accessed 5/6/2011).
- Hendrich, Brian D., Carolyn J. Brown, & Huntington F. Willard.** 1993. "Evolutionary conservation of possible functional domains of the human and murine *XIST* genes." *Human Molecular Genetics* **2** (June): 663-672.
- Hendricks, Jonathan R.** 2012. "Using Marine Snails to Teach Biogeography and Macroevolution: The Role of Larvae and Dispersal Ability in the Evolution and Persistence of Species." *Evolution: Education & Outreach* **5** (December): 534-540.
- . 2013. "Chapter 4 Global distributional dynamics of Cambrian clades as revealed by Burgess Shale-type deposits." *Geological Society of London Memoirs* **38**: 35-43.
- Hendricks, Jonathan R., & Bruce S. Lieberman.** 2007. "Biogeography and the Cambrian radiation of arachnomorph arthropods." *Memoirs of the Association of Australasian Palaeontologists* **34**: 461-471.
- . 2008. "New Phylogenetic Insights into the Cambrian Radiation of Arachnomorph Arthropods." *Journal of Paleontology* **82** (May): 585-594.
- Hendricks, Jonathan R., Erin E. Saupe, Corinne E. Myers, Elizabeth J. Hermsen, & Warren D. Allmon.** 2014. "The Generification of the Fossil Record." *Paleobiology* **44** (Fall): 511-528.
- Hendrickson, Heather, & Paul B. Rainey.** 2012. "How the unicorn got its horn." *Nature* **489** (27 September): 504-505.
- Hendrickson, Heather, E. Susan Slechta, Ulfar Bergthorsson, Dan I. Andersson, & John R. Roth.** 2002. "Amplification-mutagenesis: Evidence that 'directed' adaptive mutation and general hypermutability result from growth with a selected gene amplification." *Proceedings of the National Academy of Sciences* **99** (19 February): 2164-2169.
- Hendrix, Roger W.** 1998. "Bacteriophage DNA Packaging: RNA Gears in a DNA Transport Machine." *Cell* **94** (24 July): 147-150.
- . 2004. "Hot new virus, deep connections." *Proceedings of the National Academy of Sciences* **101** (18 May): 7495-7496.
- Hendry, Andrew P.** 2008. "Darwin in the Fossils." *Nature* **451** (14 February): 779-780.
- . 2009. "Speciation." *Nature* **458** (12 March): 162-164.
- . 2013. "Key questions in the genetics and genomics of eco-evolutionary dynamics." *Heredity* **111** (December): 456-466.
- Hendry, Andrew P., & Michael T. Kinnison.** 1999. "Perspective: The Pace of Modern Life: Measuring Rates of Contemporary Microevolution." *Evolution* **53** (December): 1637-1653.
- Hendry, Andrew P., Catherine L. Peichel, Blake Matthews, Janette W. Boughman, & Patrik Nosil.** 2013. "Stickleback research: the now and the next." *Evolutionary Ecology Research* **15** (2): 111-141.
- Hendry, Andrew P., John K. Wenburg, Paul Bentzen, Eric C. Volk, & Thomas P. Quinn.**

2000. "Rapid Evolution of Reproductive Isolation in the Wild: Evidence from Introduced Salmon." *Science* **290** (20 October): 516-518.
- Hendy, Erica J., Michael K. Gagan, Chantal A. Alibert, Malcolm T. McCulloch, Janice M. Lough, & Peter J. Isdale.** 2002. "Abrupt Decrease in Tropical Pacific Sea Surface Salinity at End of Little Ice Age." *Science* **295** (22 February): 1511-1514.
- Henikoff, Steven, Elizabeth A. Greene, Shmuel Pietrokovski, Peer Bork, Teresa K. Attwood, & Leroy Hood.** 1997. "Gene Families: The Taxonomy of Protein Paralogs and Chimeras." *Science* **278** (24 October): 609-614.
- Henke, Kevin R.** 1998a. "Comments on David Plaisted's 'The Radiometric Dating Game' – Part 1." *Radiometric Dating Page* December posting (online text at www.tim-thompson.com accessed 4/16/2003).
- . 1998b. "Comments on David Plaisted's 'The Radiometric Dating Game' – Part 2." *Radiometric Dating Page* 28 December posting (online text at www.tim-thompson.com accessed 4/16/2003).
- . 1999a. "Chopping a Title Hides the Truth." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999b. "Hiding the Numbers to Defame Radiometric Dating: A Few Examples of the Many Misused References in Woodmorappe (1999)." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999c. "How Serious are Errors in Ar40-Ar39 Dates and How Good are Their Monitoring Standards?" *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999d. "Important Statements on Radiometric Dating in Woodmorappe's References that He Doesn't Want You to See." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999e. "Not so Subjective Ar-Ar Spectra and Not so Objective Biblical Interpretations." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999f. "More Classic Misquotations in Woodmorappe (1999)." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999g. "Woodmorappe's Belittling Distortions of the Lu-Hf Method." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999h. "Woodmorappe's Shell Game: Refuted with Literature from his Creationist Allies." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999i. "Woodmorappe's Shotgun Attack on 40Ar-39Ar Dating: Many Misses and Few Hits." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 1999j. "Woodmorappe's Subjective Creationism and Now So Subjective Radiometric Dating." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 2000a. "Woodmorappe Can't Read Rb-Sr Diagrams." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 2000b. "Young-Earth Creationist 'Dating' of a Mt. St. Helens Dacite: The Failure of Austin and Swenson to Recognize Obviously Ancient Minerals." *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 1/7/2011).
- . 2001. "How Can Woodmorappe Sell Us a Bill of Goods if He Doesn't Know the Costs?" *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 5/27/2012).
- . 2003a. "Berthault's 'Stratigraphy': Rediscovering What Geologists Already Know and Strawman Misrepresentations of Modern Applications of Steno's Principles." *No Answers in Genesis* undated posting (online text at noanswersingenesis.org.au accessed 12/15/2012).
- . 2003b. "If Dr. Berthault is Not a Creationist, Why Do His Supporters Say Otherwise?" *No Answers in Genesis* undated posting (online text at noanswersingenesis.org.au accessed 12/15/2012).

- . 2004. “Young-Earth Creationist Distortions of the Paleoenvironments of the Clarkia Fossil Beds, Idaho, USA.” *No Answers in Genesis* undated posting (online text at noanswersingenesis.org.au accessed 6/24/2014).
- . 2010. “Humphrey’s Young Earth Helium Diffusion ‘Dates’.” *Reports of the National Center for Science Education* **30** (September-October): 27-32.
- . 2011a. “Blind Leading the Blind: Austin, Snelling and Swenson Misinterpret Dalrymple’s K-Ar Dating of Historical Volcanics.” *Answers in Creation* Creation Science Rebuttals undated posting (online text at www.answersincreation.org accessed 5/7/2011).
- . 2011b. “‘RATE’ Leaders Abandon Geologic Fantasies and Admit that Extensive Radioactive Decay has occurred.” *Answers in Creation* Creation Science Rebuttals undated posting (online text at www.answersincreation.org accessed 5/7/2011).
- Henke, W., & I. Tattersall**, eds. 2007. *Handbook of Paleoanthropology, Vol. 3: Phylogeny of Hominids*. New York: Springer.
- Henn, Brenna M., Laura R. Botigué, Stephan Peischl, Isabelle Dupanloup, Mikhail Lipatov, Brian K. Maples, Alicia R. Martin, Shaila Musharoff, Howard Cann, Michael P. Snyder, Laurent Excoffier, Jeffrey M. Kidd, & Carlos D. Bustamante**. 2016. “Distance from sub-Saharan Africa predicts mutational load in diverse human genomes.” *Proceedings of the National Academy of Sciences* **113** (26 January): E440-E449.
- Henn, Brenna M., L. L. Cavalli-Sforza, & Marcus W. Feldman**. 2012. “The great human expansion.” *Proceedings of the National Academy of Sciences* **109** (30 October): 17758-17764.
- Henn, Brenna M., Christopher R. Gignoux, Matthew Jobin, Julie M. Granka, J. M. Macpherson, Jeffrey M. Kidd, Laura Rodríguez-Botigué, Sohini Ramachandran, Lawrence Hon, Abra Brisbin, Alice A. Lin, Peter A. Underhill, David Comas, Kenneth K. Kidd, Paul J. Norman, Peter Parham, Carlos D. Bustamante, Joanna L. Mountain, & Marcus W. Feldman**. 2011. “Hunter-gatherer genomic diversity suggests a southern African origin for modern humans.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5154-5162.
- Henne, Peter**. 2016. “Trends in Global Restrictions on Religion.” *PewResearchCenter*. 23 June release (online pdf at pewforum.org accessed 6/26/2016).
- Henneberg, Maciej**. 2009. “Two interpretations of human evolution: Essentialism and Darwinism.” *Polish Anthropological Society Anthropological Review* **72**: 66-80.
- Henneberg, Maciej, Robert B. Eckhardt, Sakdapong Chavanaves, & Kenneth J. Hsü**. 2014. “Evolved developmental homeostasis disturbed in LB1 from Flores, Indonesia, denotes Down syndrome and not diagnostic traits of the invalid species *Homo floresiensis*.” *Proceedings of the National Academy of Sciences* **111** (19 August): 11967-11972.
- Hennenberger, Melinda**. 2009. “Obama’s Nonbeliever Nod Unsettles Some.” *AOL News* 23 January posting (online text at news.aol.com accessed 1/24/2009).
- Hennet, R. J.-C., N. G. Holm, & M. H. Engel**. 1992. “Abiotic Synthesis of Amino Acids under Hydrothermal Conditions and the Origin of Life: a Perpetual Phenomenon?” *Naturwissenschaften* **79** (August): 361-365.
- Hennig, Raoul, Jennifer Heidrich, Michael Saur, Lars Schmöser, Steven J. Roeters, Nadja Hellmann, Sander Woutersen, Mischa Bonn, Tobias Weidner, Jürgen Markl, & Dirk Schneider**. 2015. “IM30 triggers membrane fusion in cyanobacteria and chloroplasts.” *Nature Communications* (online @ nature.com) **6** (8 May): 7018.
- Hennig, Willi**, trans. D. Dwight Davis & Rainer Zangerl. 1966. *Phylogenetic Systematics*. Urbana, IL: University of Illinois Press.
- Hennigan, Tom**. 2009. “Darwin’s ‘Imps of darkness’: the marine iguanas of the Galápagos.” *Answers in Genesis Creation* **31** (March): 28-30.
- . 2013a. “An Initial Estimate Toward Identifying and Numbering Amphibian Kinds within the Orders Caudata and Gymnophiona.” *Answers in Genesis Answers Research Journal* **6**: 17-34.
- . 2013b. “An Initial Estimate Identifying and Numbering Frog Kinds on the Ark: Order Anura.” *Answers in Genesis Answers Research Journal* **6**: 335-365.

- . 2014. “An Initial Estimate toward Identifying and Numbering the Ark Turtle and Crocodile Kinds.” *Answers in Genesis Research Journal* **7**: 1-10.
- . 2015. “An Initial Estimate of the Numbers and Identification of Extant Non-Snake/Non-Amphisbaenian Lizard Kinds: Order Squamata.” *Answers in Genesis Research Journal* **8**: 171-186.
- Hennigan, Tom, & Jerry Bergman.** 2011. “The Origin of Trees.” *Creation Research Society Quarterly* **47** (March): 259-270.
- Henninger, Michael.** 2013. “Is evolution missing link in some Pennsylvania high schools?” *Pittsburgh Post-Gazette* posting 28 April: online text accessed 5/15/2013 (www.post-gazette.com).
- Henrich, Joseph.** 2014. “Rice, Psychology, and Innovations.” *Science* **344** (9 May): 593-594.
- Henrich, Joseph, Robert Boyd, Maxime Derex, Michelle A. Kline, Alex Mesoudi, Michael Muthukrishna, Adam T. Powell, Stephen J. Shennan, & Mark G. Thomas.** 2016. “Understanding cumulative cultural evolution.” *Proceedings of the National Academy of Sciences* **113** (1 November): E6724-E6725.
- Henrich, Joseph, Jean Ensminger, Richard McElreath, Abigail Barr, Clark Barrett, Alexander Bolyanatz, Juan Camilo Cardenas, Michael Gurven, Edwina Gwako, Natalie Henrich, Carolyn Lesorogol, Frank Marlowe, David Tracer, & John Ziker.** 2010. “Markets, Religion, Community Size, and the Evolution of Fairness and Punishment.” *Science* **327** (19 March): 1480-1484.
- Henrici, Amy C., Thomas Martens, David S. Berman, & Stuart S. Sumida.** 2011. “An ostodolepid ‘microsaur’ (Lepospondyli) from the Lower Permian Tambach Formation of central Germany.” *Journal of Vertebrate Paleontology* **31** (5): 997-1004.
- Henricus Institor.** 2013. “Lesbian Wing of the Illuminati Seizes Control of the NFL.” *Hard Dawn* 10 July posting (online text at harddawn.com accessed 7/13/2013).
- Henriques, Peter R.** 2009. “‘So Help Me God’: A George Washington Myth that Should be Discarded.” George Mason University *History News Network* 11 January posting (online text at hnn.us accessed 4/25/2014).
- Henry, Adam Douglas, Pawel Pralat, & Cun-Quan Zhang.** 2011. “Emergence of segregation in evolving social networks.” *Proceedings of the National Academy of Sciences* **108** (24 May): 8605-8610.
- Henry, Amanda G., Alison S. Brooks, & Dolores R. Piperno.** 2011. “Microfossils in calculus demonstrate consumption of plants and cooked foods in Neanderthal diets (Shanidar III, Iraq; Spy I and II, Belgium).” *Proceedings of the National Academy of Sciences* **108** (11 January): 486-491.
- Henry, Amanda G., Peter S. Ungar, Benjamin H. Passey, Matt Sponheimer, Lloyd Rossouw, Marion Bamford, Darryl J. de Ruiter, & Lee Berger.** 2012. “The diet of *Australopithecus sediba*.” *Nature* **487** (5 July): 90-93.
- Henry, Christopher D.** 2009. “Uplift of the Sierra Nevada, California.” *Geology* **37** (June): 575-576.
- Henry, Hugh.** 2014. “Is Evolution Making Us Less Intelligent?” *Reasons to Believe* 27 January posting (online text at www.reasons.org accessed 6/8/2014).
- Henry, Hugh J., Daniel J. Dyke, & Charles Cruze.** 2008. “Evolution as Mythology, Part 4 (of 5): The Myth of Macroevolution.” *Reasons to Believe* posting 26 May (online text at www.reasons.org accessed 3/6/2013).
- Henry, John.** 2002. “Causation,” in Ferngren (2002, 130-141).
- Henry, Jonathan F.** 2003. “An Old Age For The Earth Is The Heart Of Evolution.” *Creation Research Society Quarterly* **40** (December) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 1/28/2015).
- . 2006. “The moon’s recession and age.” *Journal of Creation (AKA Answers in Genesis Creation ex Nihilo Technical Journal)* **20** (2): 65-70.
- Henry, Jonathan J., & Rudolf A. Raff.** 1990. “Evolutionary Change in the Process of Dorsoventral Axis Determination in the Direct Developing Sea Urchin *Heliocidaris erythrogramma*.” *Developmental Biology* **141** (1 September): 55-69.

- Henry, Laura K., Michael Gutensohn, Suzanne T. Thomas, Joseph P. Noel, & Natalia Dudareva.** 2015. "Orthologs of the archaeal isopentenyl phosphate kinase regulate terpenoid production in plants." *Proceedings of the National Academy of Sciences* **112** (11 August): 10050-10055.
- Henry, Matthew.** 1706. "Matthew Henry Commentary on Exodus 21." *Blue Letter Bible* posting (online text at www.blueletterbible.org accessed 7/31/2002).
- Henry, Mickaël, Maxime Béguin, Fabrice Requier, Orienne Rollin, Jean-François Odoux, Pierrick Aupinel, Jean Aptel, Sylvie Tchamitchian, & Axel Decourtye.** 2012a. "A Common Pesticide Decreases Foraging Success and Survival in Honey Bees." *Science* **336** (20 April): 348-350.
- . 2012b. "Response to Comment on 'A Common Pesticide Decreases Foraging Success and Survival in Honey Bees'." *Science* **337** (21 September): 1453.
- Henry, Molly J., & Jonas Obleser.** 2012. "Frequency modulation entrains slow neural oscillations and optimizes human listening behavior." *Proceedings of the National Academy of Sciences* **109** (4 December): 20095-20100.
- Henry, Thomas, Carole Couillaut, Patrick Rockenfeller, Emmanuel Boucrot, Audrey Dumont, Nina Schroeder, Aurélie Hermant, Leigh A. Knodler, Patrick Lecine, Olivia Steele-Mortimer, Jean-Paul Borg, Jean-Pierre Gorvel, & Stéphane Méresse.** 2006. "The *Salmonella* effector protein PipB2 is a linker for kinesin-1." *Proceedings of the National Academy of Sciences* **103** (5 September): 13497-13502.
- Henry, Thomas, Marc Williams, & Mark Boslaugh.** 1996. "Evolution Challenged in Colorado's Largest School District." *Reports of the National Center for Science Education* **16** (2): online text accessed 2/19/2014 (ncse.com).
- Hensch, Mark.** 2015. "Carson: I faced a gunman." *The Hill* 8 October posting (online text at thehill.com accessed 10/10/2015).
- Henshaw, Jonathan M., Andrew T. Kahn, & Karoline Fritzsche.** 2016. "A rigorous comparison of sexual selection indexes via simulations of diverse mating systems." *Proceedings of the National Academy of Sciences* **113** (19 January): E300-E308.
- Henshilwood, Christopher, Francesco d'Errico, Marian Vanhaeren, Karen van Niekerk, & Zenobia Jacobs.** 2004. "Middle Stone Age Shell Beads from South Africa." *Science* **304** (16 April): 404.
- Henshilwood, Christopher, Francesco d'Errico, Karen L. van Niekerk, Yvan Coquinot, Zenobia Jacobs, Stein-Erik Lauritzen, Michel Menu, & Renata Garcia-Moreno.** 2011. "A 100,000-Year-Old Ochre-Processing Workshop at Blombos Cave, South Africa." *Science* **334** (14 October): 219-222.
- Henshilwood, Christopher S., Francesco d'Errico, Royden Yates, Zenobia Jacobs, Chantal Tribolo, Geoff A. T. Duller, Norbert Mercer, Judith C. Sealy, Helene Valladas, Ian Watts, & Ann G. Wintle.** 2002. "Emergence of Modern Human Behavior: Middle Stone Age Engravings from South Africa." *Science* **295** (15 February): 1278-1280.
- Henson, Joe.** 2013a. "Proposition 1." Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- . 2013b. "Proposition 3." Undated posting by *Bob Jones University* (online text at www.bju.edu accessed 10/12/2013).
- Henson, Robert.** 2014. *The Thinking Person's Guide to Climate Change*. New York: American Meteorological Society.
- Henssler, E. M., R. Bertram, S. Wisshak, & W. Hillen.** 2005. "Tet repressor mutants with altered effector binding and allostery." *Federation of European Biochemical Societies FEBS Journal* **272** (September): 4487-4496.
- Hentschel, Nancy.** 2008. "Religious Beliefs Trump Thinking in Our Schools." *FortBendNow* 10 January posting (online text at www.fortbendnow.com accessed 1/14/2008).
- Henze, Katrin, Abdelfattah Badr, Michael Wetter, Rüdiger Cerff, & William Martin.** 1995. "A nuclear gene of eubacterial origin in *Euglena gracilis* reflects cryptic endosymbioses during protist evolution." *Proceedings of the National Academy of Sciences* **92** (26 September): 9122-9126.

- Henze, M., J.-U. Ness, M. J. Darnley, M. F. Bode, S. C. Williams, A. W. Shafter, M. Kato, & I. Hachisu.** 2014. “A remarkable recurrent nova in M 31: The X-ray observations.” *Astronomy & Astrophysics* **563** (March): L8.
- Henze, Miriam J., & Todd H. Oakley.** 2015. “The Dynamic Evolutionary History of Pancrustacean Eyes and Opsins.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **55** (November): 830-842.
- Henzi, S. P., P. M. R. Clarke, C. P. van Schaik, G. R. Pradhan, & L. Barrett.** 2010. “Infanticide and reproductive restraint in a polygynous social mammal.” *Proceedings of the National Academy of Sciences* **107** (2 February): 2130-2135.
- Henzy, Jamie E., & Welkin E. Johnson.** 2016. “Phylogenetic sleuthing reveals pair of paralogous genes.” *eLife* (online @ elifesciences.org) **5** (31 May): e14228.
- Heo, Jae Bok, & Sibum Sung.** 2011. “Vernalization-Mediated Epigenetic Silencing by a Long Intronic Noncoding RNA.” *Science* **331** (7 January): 76-79.
- Heo, Muyoung, Louis Kang, & Eugene I. Shakhnovich.** 2009. “Emergence of species in evolutionary ‘simulated annealing’.” *Proceedings of the National Academy of Sciences* **106** (10 February): 1869-1874.
- Herbert, Alan, Jens Alfken, Yang-Gyun Kim, I. Saira Mian, & Kazuko Nishikura.** 1997. “A Z-DNA binding domain present in the human editing enzyme, double-stranded RNA adenosine deaminase.” *Proceedings of the National Academy of Sciences* **94** (5 August): 8421-8426.
- Herbert, Alan, Ky Lowenhaupt, Jeffrey Spitzner, & Alexander Rich.** 1995. “Chicken double-stranded RNA adenosine deaminase has apparent specificity for Z-DNA.” *Proceedings of the National Academy of Sciences* **92** (1 August): 7550-7554.
- Herbert, Jacquie J., Christopher R. Murphy, & Michael B. Thompson.** 2010. “Calcium ATPase Localization in the Uterus of Two Species of *Pseudemoia* (Lacertilia: Scincidae) with Complex Placentae.” *Herpetological Conservation and Biology* **5** (2): 290-296.
- Herbert, Nick.** 1993. *Elemental Mind: Human Consciousness and the New Physics*. New York: Dutton.
- Herbert, Timothy D., Laura Cleaveland Peterson, Kira T. Lawrence, & Zhonghui Liu.** 2010. “Tropical Ocean Temperatures Over the Past 3.5 Million Years.” *Science* **328** (18 June): 1530-1534.
- Herbert, Wray.** 2011. “The Midnight Ride Effect.” *Scientific American Mind* **21** (January/February): 66-67.
- Herbert-Read, James E., Andrea Perna, Richard P. Mann, Timothy M. Schaerf, David J. T. Sumpter, & Ashley J. W. Ward.** 2011. “Inferring the rules of interaction of shoaling fish.” *Proceedings of the National Academy of Sciences* **108** (15 November): 18726-18731.
- Herculano-Houzel, Suzana.** 2012. “The remarkable, yet not extraordinary, human brain as a scaled-up primate brain and its associated cost.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10661-10668.
- . 2013. “Sleep It Out.” *Science* **342** (18 October): 316-317.
- Herculano-Houzel, Suzana, Christine E. Collins, Peiyan Wong, Jon H. Kaas, & Roberto Lent.** 2008. “The basic nonuniformity of the cerebral cortex.” *Proceedings of the National Academy of Sciences* **105** (26 August): 12593-12598.
- Herculano-Houzel, Suzana, Bruno Mota, Peiyan Wong, & Jon H. Kaas.** 2010. “Connectivity-driven white matter scaling and folding in primate cerebral cortex.” *Proceedings of the National Academy of Sciences* **107** (2 November): 19008-19013.
- Herd, Christopher D. K., Alexandra Blinova, Danielle N. Simkus, Yongsong Huang, Rafael Tarozo, Conel M. O’D. Alexander, Frank Gyngard, Larry R. Nittler, George D. Cody, Marilyn L. Fogel, Yoko Kebukawa, A. L. David Kilcoyne, Robert W. Hiltz, Greg F. Slater, Daniel P. Glavin, Jason P. Dworkin, Michael P. Callahan, Jamie E. Elsil, Bradley T. De Gregorio, & Rhonda M. Stroud.** 2011. “Origin and Evolution of Prebiotic Organic Matter As Inferred from the Tagish Lake Meteorite.” *Science* **332** (10 June): 1304-1307.
- Herder, Fabian, Jobst Pfaender, & Ulrich K. Schliewen.** 2008. “Adaptive Sympatric

- Speciation of Polychromatic ‘Roundfin’ Sailfin Silverside Fish in Lake Matano (Sulawesi).” *Evolution* **62** (September): 2178-2194.
- Herek, Gregory.** 2009. “Paul Cameron Bio and Fact Sheet.” *Sexual Orientation: Science, Education, and Policy* posting (online text at psychology.ucdavis.edu accessed 8/10/2011).
- Hering, Lars, Miriam J. Henze, Martin Kohler, Almut Kelber, Christoph Bleidorn, Maren Leschke, Birgit Nickel, Matthias Meyer, Martin Kircher, Paul Sunnucks, & Georg Mayer.** 2012. “Opsins in Onychophora (Velvet Worms) Suggest a Single Origin and Subsequent Diversification of Visual Pigments in Arthropods.” *Molecular Biology and Evolution* **29** (November): 3451-3458.
- Heringman, Noah.** 2009. “‘Very vain is Science’ proudest boast’: The resistance to geological theory in early nineteenth-century England.” *The Geological Society of America Memoirs* **203**: 247-257.
- Heritage Foundation.** 2005. “Intelligent Design and the Mysteries of Life.” *Heritage Foundation* posting 19 April (online text via www.heritage.org accessed 11/27/2012).
- . 2009. “Signature in the Cell: DNA Evidence for Intelligent Design.” *Heritage Foundation* posting 23 June (online text via www.heritage.org accessed 11/27/2012).
- . 2011. “Sex, Equality, and the Paleolithic Era.” *New Common Sense* email newsletter posting 29 November (online text via heritage.com accessed 11/29/2011).
- . 2012a. “The American Founding.” *Heritage Foundation* undated posting (online text via www.heritage.org accessed 11/27/2012).
- . 2012b. “Lincoln: The Movie, the Man.” *New Common Sense* email newsletter posting 27 November (online text via heritage.com accessed 11/27/2012).
- Herkewitz, William.** 2014. “Found: The First Metal-Plated Syringe in a Living Creature.” *Popular Mechanics* posting 28 May: online text accessed 7/22/2015 (www.popularmechanics.com).
- Herlingshaw, K., M. Phillips, T. Griffiths, & D. Vasudevan.** 2014. “P2_4 Noah’s Ark: The Story Continues...” University of Leicester *Journal of Physics Special Topics* 4 November article (online @ physics.le.ac.uk) **13** (1).
- Herman, Edward S., & Noam Chomsky.** 1988. *Manufacturing Consent: The Political Economy of the Mass Media*. 2002 reprint with rev. intro. New York: Pantheon Books.
- Herman, Louis M., Robert K. Ugeyama, & Adam A. Peck.** 2008. “Bottlenose dolphins understand relationships between concepts.” *Behavioral and Brain Sciences* **31** (April): 139-140.
- Herman, Marguerite.** 2014. “Push the brain button.” *Wyoming Tribune Eagle* (Cheyenne, Wyoming) posting 17 May: online text accessed 5/31/2014 (www.wyomingnews.com).
- Herman, Ron.** 2014. “A Comparison of Science & Religion.” *New Mexicans for Science and Reason* Darwin Day (12 February) lecture posting (online pdf at www.nmsr.org accessed 6/25/2014).
- Herman, Russell L.** 2009. “Letter from the Editor-in-Chief: Origins.” *The Journal of Effective Teaching* **9** (September): 1-3.
- Herman, T. E., & M. J. Siegel.** 2008. “Human tail-caudal appendage: tethered cord.” *Journal of Perinatology* **28** (July): 518-519.
- Hermann, Mark.** 2014. “Moral Heuristics and Biases.” *Journal of Cognition and Neuroethics* **2** (April): 127-142.
- Hermann, Ronald S.** 2011. “Breaking the Cycle of Continued Evolution Education Controversy: On the Need to Strengthen Elementary Level Teaching of Evolution.” *Evolution: Education & Outreach* **4** (June): 267-274.
- Hermann, T. N., & V. N. Podkovyrov.** 2007. “*Rugosoopsis*: a new group of Upper Riphean animals.” *Geological Society, London, Special Publications* **286**: 429-431.
- Hermans, Erno J., Hein J. F. van Marle, Lindsey Ossewaarde, Marloes J. A. G. Henckens, Shaozheng Qin, Marlieke T. R. van Kesteren, Vincent C. Schoots, Helena Cousijn, Mark Rijpkema, Robert Oostenveld, & Guillén Fernández.** 2011. “Stress-Related Noradrenergic Activity Prompts Large-Scale Neural Network Reconfiguration.” *Science* **334** (25 November): 1151-1153.

- Hermansen, Jo S., Stein A. Sæther, Tore O. Elgvin, Thomas Borge, Elin Hjelle, & Glenn-Peter Sætre.** 2011. “Hybrid speciation in sparrows I: phenotypic intermediacy, genetic admixture and barriers to gene flow.” *Molecular Ecology* **20** (September): 3812-3822.
- Hermodson, Mark.** 2005. “Editorial and position papers.” *Protein Science* **14** (September): 2215-2216.
- Hermesen, Rutger, J. Barrett Deris, & Terence Hwa.** 2012. “On the rapidity of antibiotic resistance evolution facilitated by a concentration gradient.” *Proceedings of the National Academy of Sciences* **109** (3 July): 10775-10780.
- Hernandez, Jose E.** 2012. “A Review by our Founder, Ernie Hernandez: The Darwin Exhibit at the Witte Museum.” San Antonio Bible-Based Science Association *Communiqué* (May) posting (online text at www.sabbsa.org accessed 6/5/2014).
- Hernandez, Ryan D., Joanna L. Kelley, Eyal Elyashiv, S. Cord Melton, Adam Auton, Gilean McVean, 1000 Genomes Project, Guy Sella, & Molly Przeworski.** 2011. “Classic Selective Sweeps Were Rare in Recent Human Evolution.” *Science* **331** (18 February): 920-924.
- Hernandez, Ryan D., Scott H. Williamson, & Carlos D. Bustamante.** 2007. “Context Dependence, Ancestral Misidentification, and Spurious Signatures of Natural Selection.” *Molecular Biology and Evolution* **24** (August): 1792-1800.
- Hernandez-Aguilar, R. Adriana, Jim Moore, & Travis Rayne Pickering.** 2007. “Savanna chimpanzees use tools to harvest the underground storage organs of plants.” *Proceedings of the National Academy of Sciences* **104** (4 December): 19210-19213.
- Hernández-Molina, F. Javier, Dorrik A. V. Stow, Carlos A. Alvarez-Zarikian, Gary Acton, André Bahr, Barbara Balestra, Emmanuelle Ducassou, Roger Flood, José-Abel Flores, Satoshi Furota, Patrick Grunert, David Hodell, Francisco Jimenez-Espejo, Jin Kyoung Kim, Lawrence Krissek, Junichiro Kuroda, Baohua Li, Estefania Llave, Johanna Lofi, Lucas Lourens, Madeline Miller, Futoshi Nanayama, Naohisa Nishida, Carl Richter, Cristina Roque, Hélder Pereira, Maria Fernanda Sanchez Goñi, Francisco J. Sierro, Arun Deo Singh, Craig Sloss, Yasuhiro Takashimizu, Alexandrina Tzanova, Antje Volker, Trevor Williams, & Chuang Xuan.** 2014. “Onset of Mediterranean outflow into the North Atlantic.” *Science* **344** (13 June): 1244-1250.
- Hernandez-Persia, Cristina.** 2010. “Created in His Image.” Southern Adventist University *Columns* “Across the Curriculum” segment (Spring): 10-11.
- Herndon, James G.** 2010. “The Grandmother Effect: Implications for Studies on Aging and Cognition.” *Gerontology* **56** (January): 73-79.
- Herndon, James G., Jamespaul Paredes, Mark E. Wilson, Mollie A. Bloomsmith, Lakshmi Chennareddi, & Margaret L. Walker.** 2012. “Menopause occurs late in life in the captive chimpanzee (*Pan troglodytes*).” *Age* **34** (October): 1145-1156.
- Heron, James, Craig Aaen-Stockdale, John Hotchkiss, Neil W. Roach, Paul V. McGraw, & David Whitaker.** 2012. “Duration channels mediate human time perception.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 February): 690-698.
- Herr, Gene.** 2005. “The Case for a Creator.” *Probe Ministries* posting (online text at www.probe.org accessed 9/19/2010).
- Herr, Gene, & Ray Bohlin.** 2005. “Was Darwin Wrong? A Rebuttal to the November 2004 National Geographic Cover Story – Examining the Arguments for Evolution.” *Probe Ministries* posting (online text at www.probe.org accessed 6/13/2014).
- Herre, Edward Allen, & William T. Wcislo.** 2011. “In defense of inclusive fitness theory.” *Nature* **471** (24 March): E8-E9.
- Herrel, Anthony, Katleen Huyghe, Bieke Vanhooydonck, Thierry Backeljau, Karin Bruegelmans, Irena Grbac, Raoul Van Damme, & Duncan J. Irschick.** 2008. “Rapid large-scale evolutionary divergence in morphology and performance associated with exploitation of a different dietary resource.” *Proceedings of the National Academy of Sciences* **105** (25 March): 4792-4795.
- Herrera, Fabiany, Gongle Shi, Niiden Ichinnorov, Masamichi Takahashi, Eugenia V.**

- Bugdaeva, Patrick S. Herendeen, & Peter R. Crane.** 2017. “The presumed ginkgophyte *Umaltolepis* has seed-bearing structures resembling those of Peltaspermales and Umkomasiales.” *Proceedings of the National Academy of Sciences* **114** (21 March): E2385-E2391.
- Herrera, James P.** 2017. “Testing the adaptive radiation hypothesis for the lemurs of Madagascar.” *Royal Society Open Science* **4** (January): 161014.
- Herrera, James P., & Liliana M. Dávalos.** 2016. “Phylogeny and Divergence Times of Lemurs Inferred with Recent and Ancient Fossils in the Tree.” *Systematic Biology* **65** (September): 772-791.
- Herring, Hayim.** 2010. “Closing the Gap: Knowing and Doing.” *Sh'ma* **40** (January): 9-10.
- Herringa, Ryan J., Rasmus M. Birn, Paula L. Ruttle, Cory A. Burghy, Diane E. Stodola, Richard J. Davidson, & Marilyn J. Essex.** 2013. “Childhood maltreatment is associated with altered fear circuitry and increased internalizing symptoms by late adolescence.” *Proceedings of the National Academy of Sciences* **110** (19 November): 19119-19124.
- Herrmann, Johannes M.** 2003. “Converting bacteria to organelles: evolution of mitochondrial protein sorting.” *Trends in Microbiology* **11** (February): 74-79.
- Herrmann, Patricia, Sandra R. Waxman, & Douglas L. Medin.** 2010. “Anthropocentrism is not the first step in children’s reasoning about the natural world.” *Proceedings of the National Academy of Sciences* **107** (1 June): 9979-9984.
- Herron, J. E., & E. L. Wilding.** 2005. “An Electrophysiological Investigation of Factors Facilitating Strategic Recollection.” *Journal of Cognitive Neuroscience* **17** (May): 777-787.
- Herron, Matthew.** 2016. “Lies of omission and straight-up lies.” *Fierce Roller* posting 27 December (online text at freethoughtblogs.com/fierceroller accessed 12/29/2016).
- Hersh, Bradley M., Craig E. Nelson, Samantha J. Stoll, Jason E. Norton, Thomas J. Albert, & Sean B. Carroll.** 2007. “The UBX-regulated network in the haltere imaginal disc of *D. melanogaster*.” *Developmental Biology* **302** (15 February): 717-727.
- Hersh, Eitan D., & Matthew N. Goldenberg.** 2016. “Democratic and Republican physicians provide different care on politicized health issues.” *Proceedings of the National Academy of Sciences* **113** (18 October): 11811-11816.
- Hershenson, Karen.** 2002. “Lesson in being open-minded.” *Contra Costa Times* 16 January posting: online text accessed 1/30/2002 (www.denverpost.com) not available as of 10/26/2014.
- Hershkovitz, Israel, Ofer Marder, Avner Avalon, Miryam Bar-Matthews, Gal Yasur, Elisabetta Boaretto, Valentina Caracuta, Bridget Alex, Amos Frumkin, Mae Goder-Goldberger, Philipp Gunz, Ralph L. Holloway, Bruce Latimer, Ron Lavi, Alan Matthews, Viviane Slon, Daniella Bar-Yosef Mayer, Francesco Berna, Guy Bar-Oz, Reuven Yeshurun, Hila May, Mark G. Hans, Gerhard W. Weber, & Omry Barzilai.** 2015. “Levantine cranium from Manot Cave (Israel) foreshadows the first European modern humans.” *Nature* **520** (9 April): 216-219.
- Hershkovitz, Israel, Patricia Smith, Rachel Sarig, Rolf Quam, Laura Rodriguez, Rebecca Garcia, Juan Luis Arsuaga, Ran Barkai, & Avi Gopher.** 2011. “Middle Pleistocene dental remains from Qesem Cave (Israel).” *American Journal of Physical Anthropology* **144** (April): 575-592.
- Herskovits, Anat A., Eyal Shimoni, Abraham Minsky, & Eitan Bibi.** 2002. “Accumulation of endoplasmic membranes and novel membrane-bound ribosome-signal recognition particle receptor complexes in *Escherichia coli*.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **159** (November): 403-410.
- Herszenhorn, David M.** 2016. “House Benghazi Report Finds No New Evidence of Wrongdoing by Hillary Clinton.” *The New York Times* posting 28 June: online text accessed 6/30/2016 (www.nytimes.com).
- Hertz, Paul E., Yuzo Arima, Alexis Harrison, Raymond B. Huey, Jonathan B. Losos, & Richard E. Glor.** 2013. “Asynchronous evolution of physiology and morphology in *Anolis* lizards.” *Evolution* **67** (July): 2101-2113.

- Hertzberg, Jennifer.** 2017. “Ice-sheet history revealed by fossils.” *Nature* **547** (6 July): 35-36.
- Hertzberg, Magnus, Henrik Aspeborg, Jarmo Schrader, Anders Andersson, Rikard Erlandsson, Kristina Blomqvist, Rupali Bhalerao, Mathias Uhlén, Tuula T. Teeri, Joakim Lundeberg, Björn Sundberg, Peter Nilsson, & Gören Sandberg.** 2001. “A transcriptional roadmap to wood formation.” *Proceedings of the National Academy of Sciences* **98** (4 December): 14732-14737.
- Hertzler, Robert H.** 1993. “Critique on Origin of Life & Evolution in Biology Textbooks is Criticized” (Letter to Editor). *The American Biology Teacher* **55** (April): 197.
- Herwald, Heiko, & Ulrich Theopold.** 2010. “Homeostasis in Invertebrates and Vertebrates: An Evolutionary Excursion.” *Journal of Innate Immunity* **3** (December): 1-2.
- Herwartz, Daniel, Andreas Pack, Bjarne Friedrichs, & Addi Bischoff.** 2014. “Identification of the giant impactor Theia in lunar rocks.” *Science* **344** (6 June): 1146-1150.
- Herwartz, Daniel, Andreas Pack, Dmitri Krylov, Yilin Xiao, Karlis Muehlenbachs, Sukanya Sengupta, & Tommaso Di Rocco.** 2015. “Revealing the climate of snowball Earth from $\Delta^{17}\text{O}$ systematics of hydrothermal rocks.” *Proceedings of the National Academy of Sciences* **112** (28 April): 5337-5341.
- Herz, Joachim, Kym M. Boycott, & Jillian S. Parboosingh.** 2008. “‘Devolution’ of bipedality.” *Proceedings of the National Academy of Sciences* **105** (27 May): E25.
- Herzberg, Claude, Kent Condie, & Jun Korenaga.** 2010. “Thermal history of the Earth and its petrological expression.” *Earth and Planetary Science Letters* **292** (15 March): 79-88.
- Herzig, Sébastien, Etienne Raemy, Sylvie Montessuit, Jean-Luc Veuthey, Nicola Zamboni, Benedikt Westermann, Edmund R. S. Kunji, & Jean-Claude Martinou.** 2012. “Identification and Functional Expression of the Mitochondrial Pyruvate Carrier.” *Science* **337** (6 July): 93-96.
- Herzing, Denise L.** 2011. *Dolphin Diaries: My 25 Years with Spotted Dolphins in the Bahamas*. New York: St. Martin’s Press.
- Herzog, Quirin, & Christian Laforsch.** 2013. “Modality matters for the expression of inducible defenses: introducing a concept of predator modality.” *BMC Biology* (online @ biomedcentral.com) **11** (18 November): 113.
- Herzog, Quirin, Max Rabus, Bernard Wolfschoon Ribeiro, & Christian Laforsch.** 2016. “Inducible Defenses with a ‘Twist’: *Daphnia barbata* Abandons Bilateral Symmetry in Response to an Ancient Predator.” *PLoS ONE* (online @ plosone.org) **11** (February): e148556.
- Herzog, Quirin, Carmen Tittgen, & Christian Laforsch.** 2016. “Predator-specific reversibility of morphological defenses in *Daphnia barbata*.” *Journal of Plankton Research* **38** (July-August): 771-780.
- Heschel, Susannah.** 2010. “Atheist Nazis? The Pope’s Cheap Atonement.” *Religion Dispatches* 21 September posting (online text at religiondispatches.org accessed 9/21/2010).
- . 2011. “Palin Cries ‘Blood Libel’: Can Words Harm Us?” *Religion Dispatches* 12 January posting (online text at religiondispatches.org accessed 1/13/2011).
- Heslin, David J., Pablo Murcia, Frederick Arnaud, Koenraad Van Doorslaer, Massimo Palmarini, & Jack Lenz.** 2009. “A Single Amino Acid Substitution in a Segment of the CA Protein with Gag That Has Similarity to Human Immunodeficiency Virus Type 1 Blocks Infectivity of a Human Endogenous Retrovirus K Provirus in the Human Genome.” *Journal of Virology* **83** (January): 1105-1114.
- Heslop-Harrison, J. S. (Pat), & Trude Schwarzacher.** 2013. “Nucleosomes and centromeric DNA packing.” *Proceedings of the National Academy of Sciences* **110** (10 December): 19974-19975.
- Hesp, Casper.** 2016. “Light Matters: Is Einstein a Friend of Young-earth Creationism?” *The BioLogos Foundation* 29 March posting (online text at biologos.org accessed 6/10/2017).
- Hess, Andreas, Roland Axmann, Juergen Rech, Stefanie Finzel, Cornelius Heindl, Silke Krietz, Marina Sergeeva, Marc Saake, Meritxell Garcia, George Kollias, Rainer H. Straub, Olaf Sporns, Arnd Doerfler, Kay Brune, & Georg Schett.** 2011. “Blockade of TNF- α rapidly inhibits pain responses in the central nervous system.” *Proceedings of the*

- National Academy of Sciences* **108** (1 March): 3731-3736.
- Hess, Hans.** 2014. "Origin and radiation of the comatulids (Crinoidea) in the Jurassic." *Swiss Journal of Palaeontology* **133** (July): 23-34.
- Hess, Peter M. J.** 2010. "Creation, Design and Evolution: Can Science Discover or Eliminate God?" *University of St. Thomas Journal of Law & Public Policy* **4** (1): 102-116.
- . 2014a. "Glenn Beck and Historical Honesty: Like Oil and Water?" National Center for Science Education *Science League of America* 2 February posting (online text via *ncse.com* accessed 2/17/2014).
- . 2014b. "Copernicus: No Friend to Biblical Literalists." National Center for Science Education *Science League of America* 24 February posting (online text via *ncse.com* accessed 3/7/2014).
- . 2014c. "A Burning Obsession: Cosmos and its Metaphysical Baggage." National Center for Science Education *Science League of America* 14 March posting (online text via *ncse.com* accessed 3/24/2014).
- . 2014d. "The Sun Revolves Around You? Narcissism on a Cosmic Scale." National Center for Science Education *Science League of America* 14 April posting (online text via *ncse.com* accessed 4/17/2014).
- . 2014e. "An Astronomer for God: William R. Stoeger (1943-2014)." National Center for Science Education *Science League of America* 6 May posting (online text via *ncse.com* accessed 5/23/2014).
- Hesse, Michael, Alexander Zimek, Klaus Weber, & Thomas M. Magin.** 2004. "Comprehensive analysis of keratin gene clusters in humans and rodents." *European Journal of Cell Biology* **83** (February): 1-8.
- Hesse, Reinhard, Harunur Rashid, & Saeed Khodabakhsh.** 2004. "Fine-grained sediment lofting from meltwater-generated turbidity currents during Heinrich events." *Geology* **32** (May): 449-452.
- Hesselbo, S. P., C. J. Bjerrum, L. A. Hinnov, C. MacNiocail, K. G. Miller, J. B. Riding, B. van de Schootbrugge, & Mochas Revisited Science Team.** 2013. "Mochras borehole revisited: a new global standard for Early Jurassic earth history." *Scientific Drilling* **16** (November): 81-91.
- Hesselbo, Stephen P., Darren R. Gröcke, Hugh C. Jenkyns, Christian J. Bjerrum, Paul Ferrimond, Helen S. Morgans Bell, & Owen R. Green.** 2000. "Amphibious flies and pedomorphism in the Jurassic period." *Nature* **495** (7 March): 94-97.
- Hessick, F. Andrew, & James Weinstein.** 2007. Brief *Amici Curiae* of California State University & University of Nevada, Las Vegas (21 April) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via *ncse.com/creationism/legal/acsi-v-stearns* accessed 10/25/2010).
- Hessler, Robert R., & William A. Newman.** 1975. "A trilobitormorph origin for the Crustacea." *Fossils & Strata* **4** (January): 437-459.
- Hester, J. Jeff, Steven J. Desch, Kevin R. Healy, & Laurie A. Leshin.** 2004. "The cradle of the Solar System." *Science* **304** (21 May): 1116-1117.
- Hester, Susan D., Julio M. Belmonte, J. Scott Gens, Sherry G. Clendenon, & James A. Glazier.** 2011. "A Multi-cell, Multi-scale Model of Vertebrate Segmentation and Somite Formation." *PLoS Computational Biology* (online @ *ploscompbiol.org*) **7** (October): e1002155.
- Hetherington, Alexander J., Christopher M. Berry, & Liam Dolan.** 2016. "Networks of highly branched stigmairian rootlets developed in the first giant trees." *Proceedings of the National Academy of Sciences* **113** (14 June): 6695-6700.
- Hetling, John R., Monica S. Baig-Silva, Christopher M. Comer, Mabelle T. Pardue, Dalia Y. Samaan, Nasser M. Qtaishat, David R. Pepperberg, & Thomas J. Park.** 2005. "Features of visual function in the naked mole-rat *Heterocephalus glaber*." *Journal of Comparative Physiology A* (Neuroethology, Sensory, Neural, and Behavioral Physiology) **191** (April): 317-330.
- Hettema, Ewald H., & Stephen J. Gould.** 2017. "Organelle formation from scratch." *Nature*

- 542 (9 February): 174-175.
- Heuer, Carsten M., Carsten H. G. Müller, Christiane Todt, & Rudi Loesel.** 2010. "Comparative neuroanatomy suggests repeated reduction of neuroarchitectural complexity in Annelida." *Frontiers in Zoology* (online @ frontiersinzoology.com) **7** (4 May): 13.
- Heulin, Benoit, Samuele Ghielmi, Nusa Vogrin, Yann Surget-Groba, & Claude Pierre Guillaume.** 2002. "Variation in Eggshell Characteristics and in Intrauterine Egg Retention Between Two Oviparous Clades of the Lizard *Lacerta vivipara*: Insight Into the Oviparity-Viviparity Continuum in Squamates." *Journal of Morphology* **252** (June): 255-262.
- Heupink, Tim H., Sankar Subramanian, Joanne L. Wright, Phillip Endicott, Michael Carrington Westaway, Leon Huynen, Walther Parson, Craig D. Millar, Eske Willerslev, & David M. Lambert.** 2016. "Ancient mtDNA sequences from the First Australians revisited." *Proceedings of the National Academy of Sciences* **113** (21 June): 6892-6897.
- Hevey, Phonsie J., & Ian S. Sanders.** 2006. "A model for planetesimal meltdown by ²⁶Al, and its implications for meteorite parent bodies." *Meteoritics & Planetary Science* **41** (1): 95-106.
- Hewett-Emmett, David, Penelope J. Hopkins, & Richard E. Tashian.** 1984. "Origins and Molecular Evolution of the Carbonic Anhydrase Isozymes." *Annals of the New York Academy of Sciences* **429** (February): 338-358.
- Hewitt, Godfrey M.** 2000. "The genetic legacy of the Quaternary ice ages." *Nature* **405** (22 June): 907-913.
- . 2004. "Genetic consequences of climatic oscillations in the Quaternary." *Proceedings of the Royal Society of London B* (Biological Sciences) **359** (29 February): 183-195.
- Hewitt, John.** 2013a. "A chimp-pig hybrid origin for humans?" PhysOrg News posting 3 July (online text at www.physorg.com accessed 9/9/2013).
- . 2013b. "Human hybrids: a closer look at the theory and evidence." PhysOrg News posting 25 July (online text at www.physorg.com accessed 9/9/2013).
- . 2014. "Fiber optic light pipes in the retina do much more than simple image transfer." PhysOrg News posting 21 July (online text at www.physorg.com accessed 8/13/2014).
- Hext-Fremlin, John.** 2010. "Creation History and Chronology of Britain and Ireland: Creation, the Flood, Neolithic Man, and Bible Chronology." *Dates of Creation* posting (online text at www.johnhextfremlin.com accessed 6/8/2011).
- Hey, Jody.** 2001. "The mind of the species problem." *Trends in Ecology & Evolution* **16** (July): 326-329.
- . 2010. "The Divergence of Chimpanzee Species and Subspecies as Revealed in Multipopulation Isolation-with-Migration Analyses." *Molecular Biology and Evolution* **27** (April): 921-933.
- Hey, Jody, Walter M. Fitch, & Francesco J. Ayala.** 2005. "Systematics and the origin of species: An introduction." *Proceedings of the National Academy of Sciences* **102** (3 May): 6515-6519.
- Hey, Jody, & Rasmus Nielsen.** 2007. "Integration within the Felsenstein equation for improved Markov chain Monte Carlo methods in population genetics." *Proceedings of the National Academy of Sciences* **104** (20 February): 2785-2790.
- Heyburn, John J.** 2014. Civil Action No. 3:13-CV-750-H (12 February) re: *Gregory Bourke, et al. v. Steve Beshear, et al.* ruling posted by *Courier-Journal* (Louisville, Kentucky) 13 February (online pdf via www.courier-journal.com accessed 2/13/2014).
- Heyerdahl, Thor,** trans. F. H. Lyon. 1950. *Kon-Tiki: Across the Pacific by Raft*. 1971 pb ed. New York: Pocket Books.
- . 1953. *American Indians in the Pacific: The Theory behind the Kon-Tiki Expedition*. Chicago: Rand McNally.
- , trans. Patricia Crampton. 1971. *The Ra Expeditions*. Garden City, NY: Doubleday.
- Heyes, Cecilia M.** 1998. "Theory of mind in nonhuman primates." *Behavioral and Brain Sciences* **21** (1): 101-114.
- . 2009. "Evolution, development, and intentional control of imitation." *Philosophical*

- Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 August): 2293-2298.
- Heyes, Cecilia M., & Chris D. Frith.** 2014. "The cultural evolution of mind reading." *Science* **344** (20 June): 1243091 (online at *sciencemag.org*).
- Heymann, Dieter, Emanuel Mazor, & Edward Anders.** 1968. "Ages of calcium-rich achondrites—I. Eucrites." *Geochimica et Cosmochimica Acta* **32** (December): 1241-1268.
- Heyn, Holger, Ning Li, Humberto J. Ferreira, Sebastian Moran, David G. Pisano, Antonio Gomez, Javier Diez, Jose V. Sanchez-Mut, Fernando Setien, F. Javier Carmona, Annibale A. Puca, Sergi Sayols, Miguel J. Pujana, Jordi Serra-Musach, Isabel Iglesias-Platas, Francesc Formiga, Agustin F. Fernandez, Mario F. Fraga, Simon C. Heath, Alfonso Valencia, Ivo G. Gut, Jun Wang, & Manel Esteller.** 2012. "Distinct DNA methylomes of newborns and centenarians." *Proceedings of the National Academy of Sciences* **109** (26 June): 10522-10527.
- Heyner, Daniel, Johannes Wicht, Natalia Gómez-Pérez, Dieter Schmitt, Hans-Ulrich Auster, & Karl-Heinz Glassmeier.** 2011. "Evidence from Numerical Experiments for a Feedback Dynamo Generating Mercury's Magnetic Field." *Science* **334** (23 December): 1690-1693.
- Heyning, John E.** 1999. "Whale Origins—Conquering the Seas." *Science* **283** (12 February): 943.
- Heys, James G., Katrina M. MacLeod, Cynthia F. Moss, & Michael E. Hasselmo.** 2013. "Bat and Rat Neurons Differ in Theta-Frequency Resonance Despite Similar Coding of Space." *Science* **340** (19 April): 363-367.
- Heys, John.** 2002. "Deconstructing Darwin: A new theory of evolution challenges conventional thought." *Access Research Network* posting of *DigitalMissourian* (24 February) article (online text at *www.arn.org* accessed 2/26/2002).
- Heyse, Gero, Franziska Jönsson, Wei-Jen Chang, & Hans J. Lipps.** 2010. "RNA-dependent control of gene amplification." *Proceedings of the National Academy of Sciences* **107** (21 December): 22134-22139.
- Heywood, Bethany T., & Jesse W. Bering.** 2013. "'Meant to be': how religious beliefs and cultural religiosity affect the implicit bias to think teleologically." *Religion, Brain & Behavior* **4** (3): 183-201.
- Heywood, Leslie L., Justin R. Garcia, & David Sloan Wilson.** 2010. "Mind the Gap: Appropriate Evolutionary Perspectives Toward the Integration of the Sciences and Humanities." *Science & Education* **19** (May): 505-522.
- Hiatt, Tony J.** 2003. "Icons of Evolution: A Critical Review." *HASTI Indiana Science Teachers Convention* presentation posting (online pdf at *www.indiana.edu* accessed 1/24/2014).
- Hibbett, David S.** 2006. "A phylogenetic overview of the Agaricomycotina." *Mycologia* **98** (November/December): 917-925.
- Hibbett, David S., & Manfred Binder.** 2001. "Evolution of Marine Mushrooms." *The Biological Bulletin* **201** (December): 319-322.
- Hibino, Taku, Atsuo Nishino, & Shonan Amemiya.** 2006. "Phylogenetic correspondence of the body axes in bilaterians is revealed by the right-sided expression of *Pitx* genes in echinoderm larvae." *Development, Growth & Differentiation* **48** (December): 587-259.
- Hickey, Jennifer G.** 2014. "Scientists Rebut White House Global Warming Claims." *Newsmax.com* posting 18 May (online text at *www.newsmax.com* accessed 3/24/2015).
- Hickman, Alison Burgess, Michael Chandler, & Fred Dyda.** 2010. "Integrating Prokaryotes and Eukaryotes: DNA Transposes in Light of Structure." *Critical Reviews in Biochemistry and Molecular Biology* **45** (1): 50-69.
- Hickman, Arthur H., & Martin J. Van Kranendonk.** 2012. "Early Earth evolution: evidence from the 3.5-1.8 Ga geological history of the Pilbara region of Western Australia." *Episodes* **35** (March): 283-297.
- Hickman, Carole S.** 2001. "Evolution and development of gastropod larval shell morphology: experimental evidence for mechanical defense and repair." *Evolution & Development* **3** (January-February): 18-23.
- Hickman, Cleveland Jr., Susan Keen, Allan Larson, & David Eisenhour.** 2011. *Integrated*

- Principles of Zoology*. 11th ed. New York: McGraw-Hill Ryerson.
- Hickman, Cleveland Jr., Larry S. Roberts, & Allan Larson.** 2001. *Integrated Principles of Zoology*. New York: McGraw-Hill Ryerson.
- Hickman, Hayes, & Don Jacobs.** 2008. "Bill O'Reilly, Michael Savage, Sean Hannity on accused shooter's reading list." *Knoxville News* 28 July posting (online text at www.knoxnews.com accessed 8/20/2012).
- Hickman, James C.** 1974. "Pollination by Ants: A Low-Energy System." *Science* **184** (21 June): 1290-1292.
- Hickman, Leo.** 2011. "Climate sceptics flirt with intelligent design and Islamophobic group." *The Guardian* posting 10 June (online text at theguardian.com accessed 4/24/2014).
- Hickman, Meleah A., & Laura N. Rusche.** 2010. "Transcriptional silencing functions of the yeast protein Orc1/Sir3 subfunctionalized after gene duplication." *Proceedings of the National Academy of Sciences* **104** (9 November): 19384-19389.
- Hickok, Gregory, Ursula Bellugi, & Edward S. Klima.** 2001. "Sign Language in the Brain." *Scientific American* **284** (June): 58-65.
- Hickok, Gregory, & David Poeppel.** 2007. "The cortical organization of speech processing." *Nature Reviews Neuroscience* **8** (May): 393-402.
- Hicks, Wade M., Miyuki Yamaguchi, & James E. Haber.** 2011. "Real-time analysis of double-strand DNA break repair by homologous recombination." *Proceedings of the National Academy of Sciences* **108** (22 February): 3108-3115.
- Hickson, Catherine J.** 1990. "The May 18, 1980, Eruption of Mount St. Helens, Washington State: A synopsis of events and review of Phase I from an eyewitness perspective." *Geoscience Canada* **17** (3): 127-131.
- Hickson, John A., Andrew L. A. Johnson, Tim H. E. Heaton, & Peter S. Balson.** 1999. "The shell of the Queen Scallop *Aequipecten opercularis* (L.) as a promising tool for palaeoenvironmental reconstruction: evidence and reasons for equilibrium stable-isotope incorporation." *Palaeogeography, Palaeoclimatology, Palaeoecology* **154** (December): 325-337.
- . 2000. "Late Holocene environment of the Southern North Sea from the stable isotopic composition of Queen Scallop shells." *Palaeontologia Electronica* (online @ palaeo-electronica.org) **3** (2): 328KB.
- Hidalgo, Jacqueline M.** 2015. "Serra's Actions Aren't The Only Reason To Lament His Canonization." *Religion Dispatches* 24 September posting (online text at religiondispatches.org accessed 10/4/2015).
- Hiebert, Laurel S., & Svetlana A. Maslakova.** 2015. "*Hox* genes pattern the anterior-posterior axis of the juvenile but not the larva in a maximally-indirect developing invertebrate, *Micrura alaskensis* (Nemertea)." *BMC Biology* (online @ biomedcentral.com) **13** (11 April): 23.
- Hiebert, Benjamin.** 2005. "Keeping Vigil with Terri." *Crusade* (May/June): 14.
- Hieronymous, Tobin L., Lawrence M. Witmer, Darren H. Tanke, & Philip J. Currie.** 2009. "The Facial Integument of Centrosaurine Ceratopsids: Morphological and Histological Correlates of Novel Skin Structures." *The Anatomical Journal* **292** (September): 1370-1396.
- Hiers, Richard H.** 2001. *The Trinity Guide to the Bible*. Harrisburg, PA: Trinity Press International.
- Hiess, Joe, Daniel J. Condon, Noah McLean, & Stephen R. Noble.** 2012. "²³⁸U/²³⁵U Systematics in Terrestrial Uranium-Bearing Minerals." *Science* **335** (30 March): 1610-1614.
- Hietpas, Ryan T., Jeffrey D. Jensen, & Daniel N. A. Bolon.** 2011. "Experimental illumination of a fitness landscape." *Proceedings of the National Academy of Sciences* **108** (10 May): 7896-7901.
- Higasa, Koichiro, Masato Nikaido, Taro L. Saito, Jun Yoshimura, Yutaka Suzuki, Hikoyu Suzuki, Hidenori Nishihara, Mitsuto Aibara, Benjamin P. Ngatunga, Hassan W. J. Kalombo, Sumio Sugano, Shinichi Morishita, & Norihiro Okada.** 2012. "Extremely

- slow rate of evolution in the HOX cluster revealed by comparison between Tanzanian and Indonesian coelacanths.” *Gene* **505** (1 September): 324-332.
- Higashi, M., G. Takimoto, & N. Yamamura.** 1999. “Sympatric speciation by sexual selection.” *Nature* **402** (2 December): 523-526.
- Higgins, Claire A., Lynn Petukhova, Sivan Harel, Yuan Y. Ho, Esther Drill, Lawrence Shapiro, Muhammad Wajid, & Angela M. Christiano.** 2014. “FGF5 is a crucial regulator of hair length in humans.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10648-10653.
- Higgins, John A., Andrei V. Kurbatov, Nicole E. Spaulding, Ed Brook, Douglas S. Introne, Laura M. Chimiak, Yuzhen Yan, Paul A. Mayewski, & Michael L. Bender.** 2015. “Atmospheric composition 1 million years ago from blue ice in the Allan Hills, Antarctica.” *Proceedings of the National Academy of Sciences* **112** (2 June): 6887-6891.
- Higgins, Kathleen.** 2016. “Post-truth: a guide for the perplexed.” *Nature* **540** (1 December): 9.
- Higgins, Kevin, & Michael Lynch.** 2001. “Metapopulation extinction caused by mutation accumulation.” *Proceedings of the National Academy of Sciences* **98** (27 February): 2928-2933.
- Higgins, Meytal B., Rebecca S. Robinson, Jonathan M. Husson, Susan J. Carter, & Ann Pearson.** 2012. “Dominant eukaryotic export production during ocean anoxic events reflects the importance of recycled NH_4^+ .” *Proceedings of the National Academy of Sciences* **109** (14 February): 2269-2274.
- Higgins, Penny.** 2006. “Use and Abuse of the Fossil Record: Defining Terms.” *CSI* 9 September posting (online text at www.csicop.org accessed 10/29/2016).
- Higgins, Ryan W., & Christopher B. Ruff.** 2011. “The effects of distal limb segment shortening on locomotor efficiency in sloped terrain: Implications for Neandertal locomotor behavior.” *American Journal of Physical Anthropology* **146** (November): 336-345.
- Higgins, Steven I., & Simon Scheiter.** 2012. “Atmospheric CO_2 forces abrupt vegetation shifts locally, but not globally.” *Nature* **488** (9 August): 209-212.
- Higginson, Dawn M., Kelly B. Miller, Kari A. Segraves, & Scott Pitnick.** 2012. “Female reproductive tract form drives the evolution of complex sperm morphology.” *Proceedings of the National Academy of Sciences* **109** (20 March): 4538-4543.
- Higgle, Megan, Steve Chenoweth, & Mark W. Blows.** 2000. “Natural Selection and the Reinforcement of Mate Recognition.” *Science* **290** (20 October): 519-521.
- Higgs, Paul G., & Wenqi Ran.** 2008. “Coevolution of Codon Usage and tRNA Genes Leads to Alternative Stable States of Biased Codon Usage.” *Molecular Biology and Evolution* **25** (November): 2279-2291.
- Higgs, Penelope I., Paul S. Myers, & Kathleen Postle.** 1998. “Interactions in the TonB-Dependent Energy Transduction Complex: ExbB and ExbD Form Homomultimers.” *Journal of Bacteriology* **180** (November, No. 22): 6031-6038.
- Higham, Timothy E., Aleksandra V. Birn-Jeffery, Clint E. Collins, C. Darrin Hulsey, Anthony P. Russell, akken, & Wison.** 2015. “Adaptive simplification and the evolution of gecko locomotion: Morphological and biomechanical consequences of losing adhesion.” *Proceedings of the National Academy of Sciences* **112** (20 January): 809-814.
- Higham, Tom, Tim Compton, Chris Stringer, Roger Jacobi, Beth Shapiro, Erik Trinkaus, Barry Chandler, Flora Gröning, Chris Collins, Simon Hillson, Paul O’Higgins, Charles FitzGerald, & Michael Fagan.** 2011. “The earliest evidence for anatomically modern humans in northwestern Europe.” *Nature* **479** (24 November): 521-524.
- Higham, Tom, Katerina Douka, Rachel Wood, Christopher Bronk Ramsey, Fiona Brock, Laura Basell, Marta Camps, Alvaro Arrizabalaga, Javier Baena, Cecillio Barroso-Ruiz, Christopher Bergman, Coralie Boitard, Paolo Boscato, Miguel Caparrós, Nicholas J. Conard, Christelle Draily, Alain Froment, Bertila Galván, Paolo Gambassini, Alejandro Garcia-Moreno, Stefano Grimaldi, Paul Haesaerts, Brigitte Holt, Maria-Jose Iriarte-Chiapusso, Arthur Jelinek, Jesús F. Jordá Pardo, José-Manuel Maíllo-Fernández, Anat Marom, Julià Maroto, Mario Menéndez, Laure Metz, Eugène Morin, Adriana Moroni, Fabio Negrino, Eleni Panagopoulou, Marco**

- Peresani, Stéphane Pirson, Marco de la Rasilla, Julien Riel-Salvatore, Annamaria Ronchitelli, David Santamaria, Patrick Semal, Ludovic Slimak, Joaquim Soler, Narcis Soler, Aritza Villaluenga, Ron Pinhasi, & Roger Jacobi.** 2014. “The timing and spatiotemporal patterning of Neanderthal disappearance.” *Nature* **512** (21 August): 306-309.
- Higham, Thomas, Roger Jacobi, Michèle Julien, Francine David, Laura Basell, Rachel Wood, William Davies, & Christopher Bronk Ramsey.** 2010. “Chronology of the Grotte du Renne (France) and implications for the context of ornaments and human remains within the Châtelperronian.” *Proceedings of the National Academy of Sciences* **107** (23 November): 20234-20239.
- Higham, Thomas, Christopher Bronk Ramsey, Ivor Karvanić, Fred H. Smith, & Erik Trinkaus.** 2006. “Revised direct radiocarbon dating of the Vindija G₁ Upper Paleolithic Neandertals.” *Proceedings of the National Academy of Sciences* **103** (6 January): 553-557.
- Highfield, Roger.** 2009. “Uprooting Darwin’s tree.” *New Scientist* (21 January) editorial: online text accessed 6/14/2014 (newscientist.com).
- . 2010. “Marc Hauser: monkeying with the truth.” *London Telegraph* posting 31 August: online text accessed 9/1/2010 (www.telegraph.co.uk).
- Higuchi, Satomi, Thierry Chaminade, Hiroshi Imamizu, & Mitsuo Kawato.** 2009. “Shared neural correlates for language and tool use in Broca’s area.” *Neuroreport* **20** (7 October): 1376-1381.
- Higuera, Philip E.** 2015. “Taking time to consider the causes and consequences of large wildfires.” *Proceedings of the National Academy of Sciences* **112** (27 October): 13137-13138.
- Hijri, Mohamed, & Ian R. Sanders.** 2005. “Low gene copy number shows that arbuscular mycorrhizal fungi inherit genetically different nuclei.” *Nature* **433** (13 January): 160-163.
- Hilário, Ana, María Capa, Thomas G. Dahlgren, Kenneth M. Halanych, Crispin T. S. Little, Daniel J. Thornhill, Caroline Verna, & Adrian G. Glover.** 2011. “New Perspectives on the Ecology and Evolution of Siboglinid Tubeworms.” *PLoS ONE* (online @ plosone.org) **6** (February): e16309.
- Hilario, Jovencio, Ichiro Amitani, Ronald J. Baskin, & Stephen C. Kowalczykowski.** 2009. “Direct imaging of human Rad51 nucleoprotein dynamics on individual DNA molecules.” *Proceedings of the National Academy of Sciences* **106** (13 January): 361-368.
- Hilbe, Christian, Martin A. Nowak, & Karl Sigmund.** 2013. “Evolution of extortion in iterated Prisoner’s Dilemma games.” *Proceedings of the National Academy of Sciences* **110** (23 April): 6913-6918.
- Hilbe, Christian, Arne Traulsen, Torsten Röhl, & Manfred Milinski.** 2014. “Democratic decisions establish stable authorities that overcome the paradox of second-order punishment.” *Proceedings of the National Academy of Sciences* **111** (14 January): 752-756.
- Hilbe, Christian, Bin Wu, Arne Traulsen, & Martin A. Nowak.** 2014. “Cooperation and control in multiplayer social dilemmas.” *Proceedings of the National Academy of Sciences* **111** (18 November): 16425-16430.
- Hilbert, Brendan J., Janelle A. Hayes, Nicholas P. Stone, Caroline M. Duffy, Banumathi Sankaran, & Brian A. Kelch.** 2015. “Structure and mechanism of the ATPase that powers viral genome packaging.” *Proceedings of the National Academy of Sciences* **112** (21 July): E3792-E3799.
- Hildebrand, Falk, Axel Meyer, & Adam Eyre-Walker.** 2010. “Evidence of Selection upon Genomic GC-Content in Bacteria.” *PLoS Genetics* (online @ plosgenetics.org) **6** (September): e1001107.
- Hildebrand, Robert S.** 2005. “Autochthonous and allochthonous strata of the El Callao greenstone belt: Implications for the nature of the Paleoproterozoic Trans-Amazonian orogeny and the origin of gold-bearing shear zones in the El Callao mining district, Guayana shield, Venezuela.” *Precambrian Research* **143** (15 December): 75-86.
- Hildebrandt, Peter.** 2014. “More than fine tuning.” *Science* **346** (19 December): 1456-1457.
- Hileman, Lena C., & Vivian F. Irish.** 2009. “More Is Better: The Uses of Developmental

- Genetic Data to Reconstruct Perianth Evolution.” *American Journal of Botany* **96** (January): 83-95.
- Hileman, Lena C., Elena M. Kramer, & David A. Baum.** 2003. “Differential regulation of symmetry genes and the evolution of floral morphologies.” *Proceedings of the National Academy of Sciences* **100** (28 October): 12814-12819.
- Hilgen, Frederik J.** 2010. “Astronomical dating in the 19th century.” *Earth-Science Reviews* **98** (January): 65-80.
- Hilgen, F. J., & C. G. Langereis.** 1989. “Periodicities of CaCO₃ cycles in the Mediterranean Pliocene: discrepancies with the quasi-periods of the Earth’s orbital cycles?” *Terra Nova* **1** (September): 409-415.
- Hill, Aubrey R. Jr., Christof Böhler, & Leslie E. Orgel.** 1998. “Polymerization on the Rocks: Negatively-Charged α -amino Acids.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **28** (June): 235-243.
- Hill, Brad, & John Hill.** 2010. *Father, Son, Ghost of the Holy* posting (online pdf at manybooks.net accessed 9/8/2011).
- Hill, Carol A.** 1990. “Sulfuric Acid Speleogenesis of Carlsbad Cavern and Its Relationship to Hydrocarbons, Delaware Basin, New Mexico and Texas.” *American Association of Petroleum Geologists AAPG Bulletin* **74** (November): 1685–1694.
- . 2000. “Overview of the geologic history of cave development in the Guadalupe Mountains, New Mexico.” *Journal of Cave and Karst Studies* (AKA *Bulletin of the National Speleological Society*) **62** (August): 60-71.
- . 2003. “Making Sense of the Numbers of Genesis.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **55** (December): 239-251.
- Hill, Carol, Gregg Davidson, Tim Helble, & Wayne Ranney,** eds. 2016. *The Grand Canyon, Monument to an Ancient Earth: Can Noah’s Flood Explain the Grand Canyon*. Grand Rapids, MI: Kregel Publications.
- Hill, C. A., N. Eberz, & R. H. Buecher.** 2008. “A Karst Connection model for Grand Canyon, Arizona, USA.” *Geomorphology* **95** (15 March): 316-334.
- Hill, Carol A., & Stephen O. Moshier.** 2009. “Flood Geology and the Grand Canyon: A Critique.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **61** (June): 99-115.
- Hill, C. A., & W. D. Ranney.** 2008. “A proposed Laramide proto-Grand Canyon.” *Geomorphology* **102** (15 December): 482-495.
- Hill, Christopher E.** 2012. “Kevin O’Brien.” *Survival and Prosperity* 23 February posting (online text at survivalandprosperity.com accessed 3/17/2012).
- Hill, D. Ashley, Jennifer Ivanovich, John R. Priest, Christina A. Gurnett, Louis P. Dehner, David Desruisseau, Jason A. Jarzembowski, Kathryn A. Wilkenheiser-Brokamp, Brian K. Suarez, Alison J. Whelan, Gretchen Williams, Dawn Bracamontes, Yoav Messinger, & Paul J. Goodfellow.** 2009. “*DICER1* Mutations in Familial Pleuropulmonary Blastoma.” *Science* **325** (21 August): 965.
- Hill, David.** 1996. “Counter Evolutionary.” *Education Week* (November/December) posting (online text at www.edweek.org accessed 1/18/2002).
- Hill, David Edwin.** 2009. “Salticidae of the Antarctic land bridge.” *Peckhamia* **76** (7 October): 1-14.
- Hill, Donald R.** 1991. “Mechanical Engineering in the Medieval Near East.” *Scientific American* **264** (May): 100-105.
- Hill, Emma.** 2006. “Marsupial Genome Sheds Light on the Evolution of Immunity.” *PLoS Biology* (online @ plosbiology.org) **4** (January): e75.
- Hill, Geoffrey E.** 2017. “The mitonuclear compatibility species concept.” *The Auk* **134** (April): 393-409.
- Hill, Geoffrey E., & James D. Johnson.** 2013. “The mitonuclear compatibility hypothesis of sexual selection.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (7 October): 20131314.
- Hill, J. Elbert.** 1998. “CRSC Senior Fellow Takes Over Creation Week at Whitworth College.”

- Freethought-web* posting (online text at *freethought-web.org* accessed 1/8/2003, website not available as of 12/30/2014).
- Hill, Jason, Terrie Inder, Jeffrey Neil, Donna Dierker, John Harwell, & David Van Essen.** 2010. "Similar patterns of cortical expansion during human development and evolution." *Proceedings of the National Academy of Sciences* **107** (20 July): 13135-13140.
- Hill, Jim, & Rand Cheadle.** 1996. *The Bible Tells Me So: Uses and Abuses of Holy Scripture*. New York: Anchor Books.
- Hill, John E., & James D. Smith.** 1984. *Bats: A Natural History*. Austin, TX: University of Texas Press.
- Hill, Kim R., Robert S. Walker, Miran Božičević, James Eder, Thomas Headlund, Barry Hewlett, A. Magdalena Hurtado, Frank Marlowe, Polly Wiessner, & Brian Wood.** 2011. "Co-Resistance Patterns in Hunter-Gatherer Societies Show Unique Human Social Structure." *Science* **331** (11 March): 1286-1289.
- Hill, Mark.** 2008. "Carnegie Stages." University of New South Wales *UNSW Embryology* posting (online text at *embryology.med.nsw.edu.au* accessed 3/20/2008).
- Hill, Matthew N., & Bruce S. McEwen.** 2009. "Endocannabinoids: The silent partner of glucocorticoids in the synapse." *Proceedings of the National Academy of Sciences* **106** (24 March): 4579-4580.
- Hill, Michael.** 2012. "Cadet quits, cites overt religion at West Point." *MSN News* posting 5 December (online text at *news.msn.com* accessed 10/28/2013).
- Hill, Robert Sean, & Christopher A. Walsh.** 2005. "Molecular insights into human brain evolution." *Nature* **437** (1 September): 64-67.
- Hill, Steve R.** 2012. "An Unconventional Discovery from an Unconventional Resource: Recovery of an Early Cretaceous Ankylosaur Fossil from an Oil Sands Mining Operation, Fort McMurray, Alberta, Canada." *Search and Discovery* Article #70121 23 April posting (online pdf at *www.searchanddiscovery.com* accessed 1/31/2014).
- Hill, Terrence D., Christopher G. Ellison, Amy M. Burdette, & Marc A. Musick.** 2007. "Religious Involvement and Healthy Lifestyles: Evidence from the Survey of Texas Adults." *Annals of Behavioral Medicine* **34** (October): 217-222.
- Hillenbrand, Claus-Dieter, James A. Smith, David A. Hodell, Mervyn Greaves, Christopher R. Poole, Sev Kender, Mark Williams, Thorbjørn Joest Andersen, Patrycja E. Jernas, Henry Elderfield, Johann P. Klages, Stephen J. Roberts, Karsten Gohl, Robert D. Larter, & Gerhard Kuhn.** 2017. "West Antarctic Ice Sheet retreat driven by Holocene warm water incursions." *Nature* **547** (6 July): 43-48.
- Hillenius, Willem J.** 1994. "Turbinates in Therapsids: Evidence for Late Permian Origins of Mammalian Endothermy." *Evolution* **48** (April): 207-229.
- Hillmeyer, Maureen E., Gergana A. Vandova, Erin E. Berlow, & Louise K. Charkoudian.** 2015. "Evolution of chemical diversity by coordinated gene swaps in type II polyketide gene clusters." *Proceedings of the National Academy of Sciences* **112** (10 November): 13952-13957.
- Hiller, David A., & Scott A. Strobel.** 2011. "The chemical versatility of RNA." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (October): 2929-2935.
- Hiller, Michael, Bruce T. Schaar, Vahan B. Indjeian, David M. Kingsley, Lee R. Hagey, & Gill Berejano.** 2012. "A 'Forward Genomics' Approach Links Genotype to Phenotype using Independent Phenotypic Losses among Related Species." *Cell Reports* **2** (27 September): 817-823.
- Hillesland, Kristina L., Sujung Lim, Jason J. Flowers, Serdar Turkarslan, Nicolas Pinel, Grant M. Zane, Nicholas Elliott, Yujia Qin, Liyou Wu, Nitin S. Baliga, Jizhong Zhou, Judy D. Wall, & David A. Stahl.** 2014. "Erosion of functional independence early in the evolution of a microbial mutualism." *Proceedings of the National Academy of Sciences* **111** (14 October): 14822-14827.
- Hillesland, Kristina L., & David A. Stahl.** 2010. "Rapid evolution of stability and productivity at the origin of a microbial mutualism." *Proceedings of the National Academy of Sciences*

- 107 (2 February): 2124-2129.
- Hillesland, Kristina L., Gregory J. Velicer, & Richard E. Lenski.** 2009. "Experimental evolution of a microbial predator's ability to fine prey." *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (7 February): 459-467.
- Hillier, LaDeana W., Raymond D. Miller, Scott E. Baird, Asif Chinwalla, Lucinda A. Fulton, Daniel C. Koboldt, & Robert H. Waterston.** 2007. "Comparison of *C. elegans* and *C. briggsae* Genome Sequences Reveals Extensive Conservation of Chromosome Organization and Synteny." *PLoS Biology* (online @ plosbiology.org) **5** (July): e167.
- Hillis, David M.** 1999a. "SINES of the perfect character." *Proceedings of the National Academy of Sciences* **96** (31 August): 9979-9981.
- . 1999b. "Predictive Evolution." *Science* **286** (3 December): 1866-1867.
- . 2004. "The Tree of Life and the Grand Synthesis of Biology," in Cracraft & Donoghue (2004, 545-547).
- Hillis, David M., & Martin Poenie.** 2003. "Letter to SBOE from David Hillis and Martin Poenie." *Texas Citizens for Science* posting (online text at texscience.org accessed 2/6/2014).
- Hillis, David M., David Sadava, H. Craig Heller, & Mary V. Price.** 2010. *Principles of Life*. 2012 ed. Sunderland, MA: Sinauer Associates, Inc.
- Hillman, Chris.** 2001. "Some Scientifically Inaccurate Claims Concerning Cosmology and Relativity." *University of California* (Riverside) 31 January updated posting (online math.ucr.edu text archived at web.archive.org accessed 4/16/2016).
- Hillman, Os.** 2014. "Reclaiming the 7 Mountains of Culture." *7 Cultural Mountains* lecture slides (online pdf at 71513.netministry.com accessed 11/14/2014).
- Hillstrom, Carl.** 2006. "Origins of New Genes: Exon Shuffling." Lecture text (online pdf at darwin.uky.edu accessed 5/4/2012).
- Hilmi, Khalid, Maïka Jangal, Maud Marques, Tiejun Zhao, Amine Saad, Chenxi Zhang, Vincent M. Luo, Alasdair Syme, Carlis Rejon, Zhenbao Yu, Asiev Krum, Marc R. Fabian, Stéphane Richard, Moulay Alaoui-Jamali, Alexander Orthwein, Luke McCaffrey, & Michael Witcher.** 2017. "CTCF facilitates DNA double-strand break repair by enhancing homologous recombination repair." *Science Advances* **3** (24 May): e1601898 (online at sciencemag.org).
- Hilser, Vincent J.** 2013. "Signalling from disordered proteins." *Nature* **498** (20 June): 308-310.
- Hilser, Vincent J., Jeremy A. Anderson, & Hesam N. Motlagh.** 2015. "Allostery vs. 'allokairy'." *Proceedings of the National Academy of Sciences* **112** (15 September): 11430-11431.
- Hilton, Jason, & Richard M. Bateman.** 2006. "Pteridosperms are the backbone of seed plant phylogeny." *The Journal of the Torrey Botanical Society* (AKA *Bulletin of the Torrey Botanical Club*) **133** (January): 119-168.
- Hilton, Richard P.** 2003. *Dinosaurs and Other Mesozoic Reptiles of California*. Berkeley, CA: University of California Press.
- Himler, Anna G., Tetsuya Adachi-Hagimori, Jacqueline E. Bergen, Amaranta Kozuch, Suzanne E. Kelly, Bruce E. Tabashnik, Elad Chiel, Victoria E. Duckworth, Timothy J. Dennehy, Einat Zchori-Fein, & Martha S. Hunter.** 2011. "Rapid Spread of a Bacterial Symbiont in an Invasive Whitefly Is Driven by Fitness Benefits and Female Bias." *Science* **332** (8 April): 254-256.
- Hinchliff, Cody E., Stephen A. Smith, James F. Allman, J. Gordon Burleigh, Ruchi Chaudhary, Lyndon M. Coghill, Keith A. Crandall, Jiabin Deng, Bryan T. Drew, Romina Gazis, Karl Gude, David S. Hibbett, Laura A. Katz, H. Dail Laughinghouse IV, Emily Jane McTavish, Peter E. Midford, Christopher L. Owen, Richard H. Ree, Jonathan A. Ree, Jonathan A. Rees, Douglas E. Soltis, Tiffani Williams, & Karen A. Cranston.** 2015. "Synthesis of phylogeny and taxonomy into a comprehensive tree of life." *Proceedings of the National Academy of Sciences* **112** (13 October): 12764-12769.
- Hinchcliffe, Richard.** 1990. "Towards a Homology of Process: Evolutionary Implications of Experimental Studies on the Generation of Skeletal Pattern in Avian Limb Development,"

- in Maynard Smith & Vida (1990, 119-131).
- . 1997. “The Forward March of the Bird-Dinosaur Halted?” *Science* **278** (24 October): 596-597.
- . 2008. “Bird wing digits & their homologies: reassessment of developmental evidence for a 2,3,4 identity.” *Oryctos* **7**: 7-12.
- Hinchliffe, J. Richard, Juan Hurle, & Dennis Summerbell**, eds. 1991. *Developmental Patterning of the Vertebrate Limb*. New York: Plenum Press.
- Hind, Dan**. 2007. *The Threat to Reason: How the Enlightenment was hijacked and how we can reclaim it*. London: Verso.
- Hinde, Camilla A., Rufus A. Johnstone, & Rebecca M. Kilner**. 2010. “Parent-Offspring Conflict and Coadaptation.” *Science* **327** (12 March): 1373-1376.
- Hindle, Brooke, & Steven Lubar**. 1986. *Engines of Change: The American Industrial Revolution, 1790-1860*. Washington, D.C.: Smithsonian Institution Press.
- Hindman, Sandra**. 2013. “Steve Green: We are Storytellers First.” *Fine Books & Collections* (Autumn): 32-37.
- Hindr , Thomas, Carole Knibbe, Guillaume Beslon, & Dominique Schneider**. 2012. “New insights into bacterial adaptation through *in vivo* and *in silico* experimental evolution.” *Nature Reviews Microbiology* **10** (May): 352-365.
- Hindson, Ed**. 1982a. “The Inerrancy Debate.” *Fundamentalist Journal* **1** (September): 25, 29.
- . 1982b. “The King James Version Today.” *Fundamentalist Journal* **1** (November): 35, 49.
- . 1985a. “South Africa: A Personal Observation.” *Fundamentalist Journal* **4** (July/August): 60.
- . 1985b. “The Cultic Mentality.” *Fundamentalist Journal* **4** (October): 21.
- . 1985c. “Apartheid—The Custom That Must Change.” *Fundamentalist Journal* **4** (October) *Special Report* insertion: 4.
- . 1986. “Libya: A Part of Ezekiel’s Prophecy?” *Fundamentalist Journal* **5** (June): 57-58.
- Hines, Emma, Katrina McGuigan, & Mark W. Blows**. 2011. “Natural selection stops the evolution of male attractiveness.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3659-3664.
- Hines, Heather M., Brian A. Counterman, Riccardo Papa, Priscila Albuquerque de Moura, Marcio Z. Cardoso, Mauricio Linares, James Mallet, Robert D. Reed, Chris D. Jiggins, Marcus R. Kronforst, & W. Owen McMillan**. 2011. “Wing patterning gene redefines the mimetic history of *Heliconius* butterflies.” *Proceedings of the National Academy of Sciences* **108** (6 December): 19666-19671.
- Hines, Pamela J., & Jean Marx**. 2001. “The Endless Race Between Plant and Pathogen.” *Science* **292** (22 June): 2269.
- Hinman, Veronica F., & Eric H. Davidson**. 2007. “Evolutionary plasticity of developmental gene regulatory network architecture.” *Proceedings of the National Academy of Sciences* **104** (4 December): 19404-19409.
- Hinman, Veronica F., & Bernard M. Degnan**. 2001. “Homeobox genes, retinoic acid and the development and evolution of dual body plans in the ascidian *Herdmania curvata*.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **41** (June): 664-675.
- Hinman, Veronica F., Albert T. Nguyen, R. Andrew Cameron, & Eric H. Davidson**. 2003. “Developmental gene regulatory network architecture across 500 million years of echinoderm evolution.” *Proceedings of the National Academy of Sciences* **100** (11 November): 13356-13361.
- Hinman, Veronica F., Albert Nguyen, & Eric H. Davidson**. 2007. “Caught in the evolutionary act: Precise *cis*-regulatory basis of difference in the organization of gene networks of sea stars and sea urchins.” *Developmental Biology* **302** (15 December): 584-595.
- Hinrichs, Kai-Uwe, & Fumio Inagaki**. 2012. “Downsizing the Deep Biosphere.” *Science* **338** (12 October): 204-205.
- Hinrichs, Steve**. 2000. “Daniel’s Messiah in the Critic’s Den.” *Theism.net* posting of June revised article (online text at www.theism.net accessed 11/6/2014).

- Hinton, Geoffrey E., & Steven J. Nowlan.** 1987. "How Learning Can Guide Evolution." *Complex Systems* **1** (3): 495-502.
- Hinton, John.** 2011. "Spiders and the Creative Genius of God." *Creation Today* 3 February posting (online text at www.creationtoday.org accessed 4/22/2015).
- Hints, Linda, & Avo Miiel.** 2004. "Late Ordovician ripple marks in Vasalemma quarry, NW Estonia," in Hints & Ainsaar (2004, 39-40).
- Hints, Olle, & Leho Ainsaar,** eds. 2004. *WOGOGOB-2004 Conference Materials*. "Working Group on the Ordovician Geology of Baltoscandia" (13-18 May) extended abstracts. Tartu, Estonia: Tartu University Press.
- Hintz, Maren, Conny Bartholmes, Pia Nutt, Janine Ziermann, Steffen Hameister, Barbara Neuffer, & Günter Theissen.** 2006. "Catching a 'hopeful monster': shepherd's purse (*Capsella bursa-pastoris*) as a model system to study the evolution of flower development." *Journal of Experimental Botany* **57** (October): 3531-3542.
- Hintze, Naomi A., & J. Gaither Pratt.** 1975. *The Psychic Realm: What Can You Believe?* New York: Random House.
- Hinz, John M., Yesenia Rodriguez, & Michael J. Smerdon.** 2010. "Rotational dynamics of DNA on the nucleosome surface markedly impact accessibility to a DNA repair enzyme." *Proceedings of the National Academy of Sciences* **107** (9 March): 4646-4651.
- Hinz, Robert C., & Gonzalo G. de Polavieja.** 2017. "Ontogeny of collective behavior reveals a simple attraction rule." *Proceedings of the National Academy of Sciences* **114** (28 February): 2295-2300.
- Hinz-Schallreuter, Ingelore, & Roger Schallreuter.** 2009. "Phylogeny of Phosphatocopa." *Memoirs of the Association of Australasian Palaeontologists* **37**: 151-164.
- Hippa, Heikki, & Pekka Vilkkamaa.** 2006. "Phylogeny of the Sciaroidea (Diptera): the implication of additional taxa and character data." *Zootaxa* **1132**: 63-68.
- Hippler, D., N. Hu, M. Steiner, G. Scholtz, & G. Franz.** 2012. "Experimental mineralization of crustacean eggs: new implications for the fossilization of Precambrian-Cambrian embryos." *Biogeosciences* (online @ biogeosciences.net) **9**: 1765-1775.
- Hirai, Hirohisa, Yuriko Hirai, Hiroshi Domae, & Yoko Kirihara.** 2007. "A most distant intergeneric hybrid offspring (Larcon) of lesser apes, *Nomascus leucogenys* and *Hylobates lar*." *Human Genetics* **122** (December): 1432-1203.
- Hirai, Itaru, Itaru Usuki, & Takehiko Ochiai.** 1992. "Inter- and Intraspecific Variations of the Hemoglobin Components in *Paramecium caudatum*." *The Journal of Eukaryotic Microbiology* **39** (May): 636-639.
- Hirano, Takanori, Shigeru Yamaguchi, Kenji Oosawa, & Shin-Ichi Aizawa.** 1994. "Roles of FliK and FlhB in Determination of Flagellar Hook Length in *Salmonella typhimurium*." *Journal of Bacteriology* **176** (September, No. 17): 5439-5449.
- Hirano, Tatsuya.** 2006. "At the heart of the chromosome: SMC proteins in action." *Nature Reviews Molecular Cell Biology* **7** (May): 311-322.
- Hirao, Ichiro, Michiko Kimoto, & Rie Yamashige.** 2012. "Natural versus Artificial Creation of Base Pairs in DNA: Origin of Nucleobases from the Perspectives of Unnatural Base Pair Studies." *Accounts of Chemical Research* **45** (December): 2055-2065.
- Hirasawa, Tatsuya, & Shigeru Kuratani.** 2013. "A new scenario of the evolutionary derivation of the mammalian diaphragm from shoulder muscles." *Journal of Anatomy* **222** (May): 504-517.
- . 2015. "Evolution of the vertebrate skeleton: morphology, embryology, and development." *Zoological Letters* (online @ zoologicalletters.biomedcentral.com) **1** (13 February): 2.
- Hirayama, Ren.** 1998. "Oldest known sea turtle." *Nature* **392** (16 April): 705-708.
- Hird, Sarah, Noah Reid, John Demboski, & Jack Sullivan.** 2010. "Introgression at differentially aged hybrid zones in red-tailed chipmunks." *Genetica* **138** (August): 869-883.
- Hird, Sarah, & Jack Sullivan.** 2009. "Assessment of gene flow across a hybrid zone in red-tailed chipmunks (*Tamias ruficaudus*)." *Molecular Ecology* **18** (July): 3097-3109.
- Hirose, Kei, Guillaume Morard, Ryosuke Sinmyo, Koichio Umemoto, John Hernlund, George Helffrich, & Stéphane Labrosse.** 2017. "Crystallization of silicon dioxide and

- compositional evolution of the Earth's core." *Nature* **543** (2 March): 99-102.
- Hirose, Shigenori, Rocio Benabentos, Hsing-I Ho, Adam Kuspa, & Gad Shaulsky.** 2011. "Self-Recognition in Social Amoebae is Mediated by Allelic Pairs of *Tiger* Genes." *Science* **333** (22 July): 467-470.
- Hirose, Yuu, Rei Narikawa, Mitsunori Katayama, & Masahiko Ikeuchi.** 2010. "Cyanobacteriochrome CcaS regulates phycoerythrin accumulation in *Nostoc punctiforme*, a group II chromatic adapter." *Proceedings of the National Academy of Sciences* **107** (18 May): 8854-8859.
- Hirotsune, Shinji, Noriyuki Yoshida, Amy Chen, Lisa Garrett, Fumihiko Sugiyama, Satoru Takahashi, Ken-Ichi Yagami, Anthony Wynshaw-Boris, & Atsushi Yoshiki.** 2003. "An expressed pseudogene regulates the messenger-RNA stability of its homologous coding gene." *Nature* **423** (1 May): 91-96.
- Hirsch, Edwin L.** 2003. "Imagination and Its Pathologies: Domain of the Unreal or a Fundamental Dimension of Human Reality?" in Phillips & Morley (2003a, 37-50).
- Hirsch, Joy, Robert L. DeLaPaz, Norman R. Relkin, Jonathan Victor, Karl Kim, Tao Li, Peter Bordon, Nava Rubin, & Robert Shapley.** 1995. "Illusory contours activate specific regions in human visual cortex: Evidence from functional magnetic resonance imaging." *Proceedings of the National Academy of Sciences* **92** (3 July): 6469-6473.
- Hirsh, P. F., G. E. Lester, & R. V. Talmage.** 2001. "Calcitonin, an enigmatic hormone: does it have a function?" *Journal of Musculoskeletal and Neuronal Interactions* **1** (June): 299-305.
- Hirsch, Richard.** 2010. "Rethinking Rabbinic Leadership." *Sh'ma* **40** (January): 4-5.
- Hirsch, Roland F.** 2004. "Darwinian Evolutionary Theory and the Life Sciences in the 21st Century," in Dembski (2004d, 215-232).
- Hirschfield, Brad.** 2012. "Why the Reason Rally is unreasonable." *Fox News* posting 24 March: online text accessed 2/27/2013 (foxnews.com).
- Hirshorn, Elizabeth A., Yuanning Li, Michael J. Ward, R. Mark Richardson, Julie A. Fiez, & Avniel Singh Ghuman.** 2016. "Decoding and disrupting left midfusiform gyrus activity during word reading." *Proceedings of the National Academy of Sciences* **113** (19 July): 8162-8167.
- Hirst, Linda S., & Guillaume Charras.** 2017. "Liquid crystals in living tissue." *Nature* **544** (13 April): 164-165.
- Hirth, Frank, Lars Kammermeier, Erich Frei, Uwe Walldorf, Markus Noll, & Heinrich Reichert.** 2003. "An urbilaterian origin of the tripartite brain: developmental genetic insights from *Drosophila*." *Development (AKA Journal of Embryology and Experimental Morphology)* **130** (1 June): 2365-2373.
- Hirth, Greg, & David L. Kohlstedt.** 1996. "Water in the oceanic upper mantle: implications for rheology, melt extraction and the evolution of the lithosphere." *Earth and Planetary Science Letters* **144** (October): 93-108.
- Hiscock, Hamish G., Susannah Worster, Daniel R. Kattnig, Charlotte Steers, Ye Jin, David E. Manolopoulos, Henrick Mourtison, & P. J. Hore.** 2016. "The quantum needle of the avian magnetic compass." *Proceedings of the National Academy of Sciences* **113** (26 April): 4634-4639.
- Hitchcock, Susan Tyler, with John L. Esposito.** 2004. *Geography of Religion: Where God Lives, Where Pilgrims Walk*. Washington, DC: National Geographic.
- Hitchen, Nathan.** 2013a. "You've Been {Framed}: a new primer for the marriage debate." *John Jay Institute* 2nd edition posting (online pdf at www.johnjayinstitute.org accessed 3/22/2014).
- . 2013b. "Marriage counter-messaging {An Action Plan}." *John Jay Institute* posting (online pdf at www.johnjayinstitute.org accessed 3/22/2014).
- Hitchen, Steven J., Allen W. Shostak, & Miodrag Belosevic.** 2009. "*Hymenolepis diminuta* (Cestoda) induces changes in expression of select genes of *Tribolium confusum* (Coleoptera)." *Parasitology Research* **105** (August): 875-879.
- Hitchens, Christopher.** 2007. *God Is Not Great: How Religion Poisons Everything*. 2009 pb

- ed. New York: Twelve.
- . 2009. “No, but it should,” in *Templeton Foundation* (2009, 15-16).
- . 2011. “Romney’s Mormon Problem.” *Slate.com* posting 17 October (online text at www.slate.com accessed 11/1/2011).
- Hitchens, Peter.** 2002. “This is the most dangerous author in Britain.” *The Mail on Sunday* 27 January posting (online text at home.wlv.ac.uk accessed 4/27/2013).
- . 2007. “A film without a soul.” *Mail Online* 5 December blog posting (online text at hitchensblog.mailonsunday.co.uk accessed 4/27/2013).
- . 2010a. “Can bears turn into whales?” *Mail Online* 1 February blog posting (online text at hitchensblog.mailonsunday.co.uk accessed 3/1/2013).
- . 2010b. “I know you like it. You know you like it.” *Mail Online* 22 February blog posting (online text at hitchensblog.mailonsunday.co.uk accessed 3/1/2013).
- . 2013. “Can bears turn into whales? (Part Two) – Charles Darwin Revisited.” *Mail Online* 14 February blog posting (online text at hitchensblog.mailonsunday.co.uk accessed 3/1/2013).
- Hitching, Francis.** 1978. *The Mysterious World: An Atlas of the Unexplained*. New York: Holt, Rinehart & Winston.
- . 1982. *The Neck of the Giraffe or Where Darwin Went Wrong*. New Haven, CT: Ticknor & Fields.
- Hitchings, Henry.** 2011. *The Language Wars: A History of Proper English*. New York: Farrar, Straus & Giroux.
- Hite, Richard K., Xiao Tao, & Roderick MacKinnon.** 2017. “Structural basis for gating the high-conductance Ca²⁺-activated K⁺ channel.” *Nature* **541** (5 January): 52-57.
- Hitler, Adolf,** trans. Norman Cameron & R. H. Stevens. 2000. *Hitler’s Table Talk 1941-1944*. 3rd ed. of 1953 translation. New York: Enigma Books.
- Hittinger, Chris Todd.** 2012. “Endless Rots Most Beautiful.” *Science* **336** (29 June): 1649-1650.
- Hittinger, Chris Todd, & Sean B. Carroll.** 2007. “Gene duplication and the adaptive evolution of a classic genetic switch.” *Nature* **449** (11 October): 677-681.
- Hitz, Thomas H., & Pier L. Luisi.** 2004. “Spontaneous Onset of Homochirality in Oligopeptide Chains Generated in the Polymerization of N-Carboxyanhydride Amino Acids in Water.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (February): 93-110.
- Hixson, Mike.** 2009. “The Evidence Is In: God Exists.” 24 June posting (online text at www.olivebranchchurchofchrist.org accessed 11/2/2009).
- Hjort, Karin, Alina V. Goldberg, Anastasios D. Tsaousis, Robert P. Hirt, & T. Martin Embley.** 2010. “Diversity and reductive evolution of mitochondria among microbial eukaryotes.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (12 March): 713-727.
- Hladil, Jindřich.** 2005. “The formation of stromatolite-type fenestral structures during the sedimentation of experimental slurries—a possible clue to a 120-year-old puzzle about stromatolites.” *Czech Geological Survey Bulletin of Geosciences* **80** (3): 193-211.
- Hlusko, Leslea J.** 2004. “Integrating the genotype and phenotype in hominid paleontology.” *Proceedings of the National Academy of Sciences* **101** (2 March): 2653-2657.
- Hlusko, Leslea J., Christopher A. Schmitt, Tesla A. Monson, Marianne F. Brasil, & Michael C. Mahaney.** 2016. “The integration of quantitative genetics, paleontology, and neontology reveals genetic underpinnings of primate dental evolution.” *Proceedings of the National Academy of Sciences* **113** (16 August): 9262-9267.
- Ho, Brian T., Marek Basler, & John J. Mekalanos.** 2013. “Type 6 Secretion System-Mediated Immunity to Type 4 Secretion System-Mediated Gene Transfer.” *Science* **342** (11 October): 250-253.
- Ho, Joshua W. K., Youngsook L. Jung, Tao Liu, Burak H. Alver, Soohyun Lee, Kohta Ikegami, Kyung-Ah Sohn, Aki Minoda, Michael Y. Tolstorukov, Alex Appert, Stephen C. J. Parker, Tingting Gu, Anshul Kundaje, Nicole C. Riddle, Eric Bishop, Thea A.**

- Egelhofer, Sheng'en Shawn Hu, Artyom A. Alekseyenko, Andreas Rechtsteiner, Dalal Asker, Jason A. Belsky, Sarah K. Bowman, Q. Brent Chen, Ron A.-J. Chen, Daniel S. Day, Yan Dong, Andrea C. Dose, Xikun Duan, Charles P. Epstein, Sevinc Ercan, Elise A. Feingold, Francesco Ferrari, Jacob M. Garrigues, Nils Gehlenborg, Peter J. Good, Psalm Haseley, Daniel He, Moritz Herrmann, Michael M. Hoffman, Tess E. Jeffers, Peter V. Kharchenko, Paulina Kolasinska-Zwierz, Chitra V. Kotwaliwale, Nischay Kumar, Sasha A. Langley, Erica N. Larschan, Isabel Latorre, Maxwell W. Libbrecht, Xueqiu Lin, Richard Park, Michael J. Pazin, Hoang N. Pham, Annette Plachetka, Bo Qin, Yuri B. Schwartz, Noam Shores, Przemyslaw Stempor, Anne Vielle, Chengyang Wang, Christina M. Whittle, Huiling Xue, Robert E. Kingston, Ju Han Kim, Bradley E. Bernstein, Abby F. Dernburg, Vincenzo Pirrotta, Mitzi I. Kuroda, William S. Noble, Thomas D. Tullius, Manolis Kellis, David M. McAlpine, Susan Strome, Sarah C. R. Elgin, Xiaole Shirley Liu, Jason D. Lieb, Julie Ahringer, Gary H. Karpen, & Peter J. Park. 2014. "Comparative analysis of metazoan chromatin organization." *Nature* **512** (28 August): 449-452.
- Ho, Mae-Wan, & Peter T. Saunders. 1981. "What is the unit of natural selection?" *Evolutionary Theory* **5** (May): 169-172.
- , eds. 1984. *Beyond Neo-Darwinism: An introduction to the new evolutionary paradigm*. London: Academic Press.
- Ho, Ming-Yang, Gaozhong Shen, Daniel P. Canniffe, Cho Zhao, & Donald A. Bryant. 2016. "Light-dependent chlorophyll f synthase is a highly divergent paralog of PsbA of photosystem II." *Science* **353** (26 August): 886-888.
- Hoare, M. G. 2015. "How young stars grow and become focused." *Science* **348** (3 April): 44-45.
- Hoare, Richard D., & Royal H. Mapes. 1995. "Relationships of the Devonian *Strobilepsis* and related Pennsylvanian problematica." *Acta Palaeontologica Polonica* **40** (2): 111-128.
- Hoashi, Masamichi, David C. Bevacqua, Tsubasa Otake, Yumiko Watanabe, Arthur H. Hickman, Satoshi Utsunomiya, & Hiroshi Ohmoto. 2009. "Primary haematite formation in an oxygenated sea 3.46 billion years ago." *Nature Geoscience* **2** (February): 301-306.
- Hobaiter, Catherine, & Richard W. Byrne. 2014. "The Meanings of Chimpanzee Gestures." *Current Biology* **24** (21 July): 1596-1600.
- Hobbie, Erik A., & C. Kevin Boyce. 2010. "Carbon sources for the Palaeozoic giant fungus *Prototaxites* inferred from modern analogues." *Proceedings of the Royal Society of London B (Biological Sciences)* **277** (22 July): 2149-2156.
- Hobbs, Joanne K., Charis Shepherd, David J. Saul, Nicholas J. Demetras, Svend Haaning, Colin R. Monk, Roy M. Daniel, & Vickery L. Arcus. 2012. "On the Origin and Evolution of Thermophily: Reconstruction of Functional Precambrian Enzymes from Ancestors of *Bacillus*." *Molecular Biology and Evolution* **29** (February): 825-835.
- Hobday, Alistair J. 2000. "Where is the human baculum?" *Mankind Quarterly* **41** (1): 43-58.
- Hobert, Oliver. 2008. "Gene Regulation by Transcription Factors and MicroRNAs." *Science* **319** (28 March): 1785-1786.
- Hobmayer, Bert, Fabian Rentzsch, Kerstin Kuhn, Christoph M. Happel, Christoph Cramer von Laue, Petra Snyder, Ute Rothbacher, & Thomas W. Holstein. 2000. "WNT signaling molecules act in axis formation in the diploblastic metazoan *Hydra*." *Nature* **407** (14 September): 186-189.
- Hobolth, Asger, Ole F. Christensen, siao, Thomas Mailund, & Mikkel H. Schierup. 2007. "Genomic Relationships and Speciation Times of Human, Chimpanzee, and Gorilla Inferred from a Coalescent Hidden Markov Model." *PLoS Genetics* (online @ plosgenetics.org) **3** (February): e7.
- Hobolth, Asger, Julien Y. Duthel, John Hawks, Mikkel H. Schierup, & Thomas Mailund. 2011. "Incomplete lineage sorting patterns among human, chimpanzee, and orangutan suggest recent orangutan speciation and widespread selection." *Genome Research* **21** (March): 349-356.
- Hobrink, Ben, trans. Handfast Point. 2005. *Modern Science in the Bible: Amazing Scientific*

- Truths Found in Ancient Texts*. 2011 US ed. New York: Howard Books.
- Hobson, Art**. 2001. “No ‘Kansas’ in Arkansas.” *Reports of the National Center for Science Education* **21** (January-April): 6.
- Hobson, J. Allan**. 2004. “Freud Returns? Like a Bad Dream.” *Scientific American* **290** (May): 89.
- . 2007. “Wake up or dream on? Six questions for Turnbull and Solms.” *Cortex* **43** (8): 1113-1115.
- Hobson, J. Allan, Edward Pace-Schott, & Peter Stickgold**. 2000. “DREAMING and the BRAIN: Toward a Cognitive Neuroscience of Conscious States.” *Behavioral and Brain Sciences* **23** (6): 793-842.
- Hobson, Theo**. 2011. “Marxism, the Opium of the Professoriate?” *Religion Dispatches* 12 May posting (online text at religiondispatches.org accessed 5/20/2011).
- Hochberg, Michael E., Daniel J. Rankin, & Michael Taborsky**. 2008. “The coevolution of cooperation and dispersal in social groups and its implications for the emergence of multicellularity.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (19 August): 238.
- Hochmuth, Joel**. 2001. “Evolution debate: Student leads textbook challenge.” *CNN* posting 9 May (online text at fyi.cnn.com accessed 1/29/2002).
- Hochner, Binyamin, Tal Shomrat, & Graziano Fiorito**. 2006. “The Octopus: A Model for a Comparative Analysis of the Evolution of Learning and Memory Mechanisms.” *The Biological Bulletin* **210** (June): 308-317.
- Hochschild, Jennifer L., & Nathan Scovronick**. 2003. *The American Dream and the Public Schools*. Oxford: Oxford University Press.
- Hochuli, Peter A., & Susanne Feist-Burkhardt**. 2013. “Angiosperm-like pollen and *Afropollis* from the Middle Triassic (Anisian) of the Germanic Basin (Northern Switzerland).” *Frontiers in Plant Science* (online @ frontiersin.org) **4** (1 October): 344.
- Hock, Dylan**. 2015. “Idaho Legislator’s Response To Former Website-Tuned-LGBT-Resource-Page Is Stupefying.” *Addicting Info* 27 March posting (online text at www.addictinginfo.org accessed 3/27/2015).
- Hockman, Dorit, Chris J. Cretekos, Mandy K. Mason, Richard R. Behringer, David S. Jacobs, & Nicola Illing**. 2008. “A second wave of *Sonic hedgehog* expression during the development of the bat limb.” *Proceedings of the National Academy of Sciences* **105** (4 November): 16982-16987.
- Hodge, A. Trevor**. 1990. “A Roman Factory.” *Scientific American* **263** (November): 106-111.
- Hodge, Bodie**. 2006. “Feedback: How Does Man’s History Fit with the Biblical Timeline?” *Answers in Genesis* 30 June posting (online text at www.answersingenesis.org accessed 2/22/2014).
- . 2007a. “How old is the earth?” *Answers in Genesis* article for 30 May (online text at www.answersingenesis.org accessed 2/27/2010).
- . 2007b. “Why Don’t We Find Human & Dinosaur Fossils Together?” *Answers in Genesis* posting for 1 November (online text at www.answersingenesis.org accessed 9/14/2013).
- . 2010a. “Global Flood.” *Answers in Genesis* Item 6 of “10 Basics Every Creationist Must Know” posting for 24 February (online text at www.answersingenesis.org accessed 11/23/2011).
- . 2010b. “Dinosaurs on the Ark.” *Answers in Genesis* Item 7 of “10 Basics Every Creationist Must Know” posting for 24 February (online text at www.answersingenesis.org accessed 11/23/2011).
- . 2010c. “Was the Dispersion at Babel a Real Event?” *Answers in Genesis* 19 August posting of *The New Answers Book 2* Chapter 28 (online text at www.answersingenesis.org accessed 2/22/2014).
- . 2011a. “Was Noah’s Ark Shaped Like a Box?” *Answers in Genesis* posting 21 January (online text at answersingenesis.org accessed 1/29/2014).
- . 2011b. “Dragon Legends—Truths Behind the Tales.” *Answers in Genesis Magazine* (October-December): 64-65.

- . 2011c. “Could Adam Eat from Any Tree?” *Answers in Genesis* 20 December *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012a. “What Is God’s Name in the Old Testament?” *Answers in Genesis* 17 April *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012b. “War and Peace.” *Answers in Genesis* 1 May *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012c. “Feedback: Animal Migrations.” *Answers in Genesis* 8 June posting (online text at www.answersingenesis.org accessed 2/22/2014).
- . 2012d. “Cock-a-Doodle, One or Two?” *Answers in Genesis* 28 August *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- . 2012e. “Were the Pyramids Built Before the Flood?” *Answers in Genesis Magazine* 27 September posting (online text at answersingenesis.org accessed 2/22/2014).
- . 2012f. “Dear Atheists.” *Answers in Genesis* posting for 23 November (online text at www.answersingenesis.org accessed 11/29/2012).
- . 2013. “Why Don’t Christians Follow All the Old Testament Laws?” *Answers in Genesis* 6 May *Demolishing Supposed Bible Contradictions: Volume 2* chapter posting (online text at answersingenesis.org accessed 12/15/2015).
- Hodge, Bodie, & Tim Lovett.** 2013. “What Did Noah’s Ark Look Like?” *Answers in Genesis* 3 September posting of *The New Answers Book 3* Chapter 2 (online text at www.answersingenesis.org accessed 2/17/2015).
- Hodge, Bodie, & Georgia Purdom.** 2013. “What Are ‘Kinds’ in Genesis?” *Answers in Genesis* 16 April posting of *The New Answers Book 3* Chapter 4 (online text at www.answersingenesis.org accessed 2/17/2015).
- Hodge, Bodie, & Paul F. Taylor.** 2013. “Doesn’t the Bible Support Slavery?” *Answers in Genesis* 19 January 2015 posting of *The New Answers Book 3* Chapter 33 (online text at www.answersingenesis.org accessed 5/10/2016).
- Hodge, Charles.** 1874. *What Is Darwinism?* New York: Scribner, Armstrong & Co.
- Hodge, Charles.** 1988. “The Relation of Church and State.” *The Trinity Review* (July-August): 1-9.
- Hodge, David R.** 2007. “A Systematic Review of the Empirical Literature on Intercessory Prayer.” *Research on Social Work Practice* 17 (March): 174-187.
- Hodges, Andrew.** 2012. “Beyond Turing’s Machines.” *Science* 336 (13 April): 163-164.
- Hodges, Emily, Antoine Molaro, Carilla O. Dos Santos, Frarrod Thekkat, Qiang Song, Philip J. Uren, Jin Fark, Jason Butler, Shahin Raffii, W. Richard McCorrbie, Andrew D. Smith, & Gregory J. Hannon.** 2011. “Directional DNA Methylation Changes and Complex Intermediate States Accompany Lineage Specificity in the Adult Hematopoietic Compartment.” *Molecular Cell* 44 (7 October): 17-28.
- Hodges, Henry.** 1970. *Technology in the Ancient World.* New York: Alfred A. Knopf.
- Hodges, Kip.** 2006. “Climate and the Evolution of Mountains.” *Scientific American* 295 (August): 72-79.
- Hodges, K., M. C. van Soest, B. D. Monteleone, & J. W. Boyce.** 2009. “Direct evidence for anisotropic He diffusivity in zircon provided by laser depth profiling (Invited).” *American Geophysical Union Fall Meeting* (San Francisco) abstract posting (online text at www.agu.org accessed 10/11/2013).
- Hodges, Matthew E., Nicole Scheumann, Bill Wickstead, Jane A. Langdale, & Keith Gull.** 2010. “Reconstructing the evolutionary history of the centriole from protein components.” *Journal of Cell Science* 123 (1 May): 407-413.
- Hodges, Scott A., & Michael L. Arnold.** 1995. “Spurring Plant Diversification: Are Floral Nectar Spurs a Key Innovation?” *Proceedings of the Royal Society of London B* (Biological Sciences) 262 (22 December): 343-348.

- Hodges, Scott A., & Nathan J. Derieg.** 2009. “Adaptive radiations: From field to genomic studies.” *Proceedings of the National Academy of Sciences* **106** (16 June): 9947-9954.
- Hodgins-Davis, Andrea, Daniel P. Rice, & Jeffrey P. Townsend.** 2015. “Gene expression evolves under a House-of-Cards model of stabilizing selection.” *Molecular Biology and Evolution* **32** (August): 2130-2140.
- Hodgkinson, Alan, & Adam Eyre-Walker.** 2011. “Variation in the mutation rate across mammalian genomes.” *Nature Reviews Genetics* **12** (November): 756-766.
- Hodgkinson, Neville.** 2003. “AIDS: Scientific or Viral Catastrophe?” *Journal of Scientific Exploration* **17** (1): 87-120.
- Hodgson, Dominic A.** 2011. “First synchronous retreat of ice shelves marks a new phase of polar deglaciation.” *Proceedings of the National Academy of Sciences* **108** (22 November): 18859-18860.
- Hodgson, Geoffrey M., & Thorbjørn Knudsen.** 2008. “Information, complexity and generative replication.” *Biology and Philosophy* **23** (January): 47-65.
- Hodgson, Jason A., & Todd R. Disotell.** 2010. “Anthropological Genetics: Inferring the History of Our Species Through the Analysis of DNA.” *Evolution: Education & Outreach* **3** (September): 387-398.
- Hodgson, Jason A., Kristin N. Sterner, Luke J. Matthews, Andrew S. Burrell, Rachana A. Jani, Ryan L. Raam, Caro-Beth Stewart, & Todd R. Disotell.** 2009. “Successive radiations, not stasis, in the South American primate fauna.” *Proceedings of the National Academy of Sciences* **106** (7 April): 5534-5539.
- Hodgson, Susan Fox.** 2007. “Obsidian: sacred glass from the California sky.” *Geological Society, London, Special Publications* **286**: 295-313.
- Hodin, Jason.** 2006. “Expanding networks: Signaling components in and a hypothesis for the evolution of metamorphosis.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **46** (December): 719-742.
- Hodkinson, Brendan.** 2011. “PICS-Ord.” *Squamules* posting 8 January (online text at squamules.blogspot.com accessed 1/30/2011).
- Hodson, Hal.** 2015. “Google wants to rank websites based on facts not links.” *New Scientist* (28 February): online text accessed 3/11/2015 (newscientist.com).
- Hoe, Matthew, & Hannah R. Nicholas.** 2014. “Evidence of a MOF histone acetyltransferase-containing NSL complex in *C. elegans*.” *Worm* (online @ tandfonline.com) **3** (October/November/December): e982967.
- Hoedjes, Katja M., H. Marjolein Kruidhof, Martinus E. Huigens, Marcel Dicke, Louise E. M. Vet, & Hans M. Smid.** 2011. “Natural variation in learning rate and memory dynamics in parasitoid wasps: opportunities for converging ecology and neuroscience.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (22 March): 889-897.
- Hoeffler, Charles A., Kiriana K. Cowansage, Elizabeth C. Arnold, Jessica L. Banco, Nathan J. Moerke, Ricard Rodriguez, Enrico K. Schmidt, Edwin Klossi, Michael Chorev, Richard E. Lloyd, Philippe Pierre, Gerhard Wagner, Joseph E. LeDoux, & Eric Klann.** 2011. “Inhibition of the interactions between eukaryotic initiation factors 4E and 4G impairs long-term associative memory consolidation but not reconsolidation.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3383-3388.
- Hoelt, Fumiko, Naama Barnea-Goraly, Brian W. Haas, Golijeh Golarai, Derek Ng, Debra Mills, Julie Korenberg, Ursula Bellugi, Albert Galaburda, & Allan L. Reiss.** 2007. “More Is Not Always Better: Increased Fractional Anisotropy of Superior Longitudinal Fasciculus Associated with Poor Visuospatial Abilities in Williams Syndrome.” *The Journal of Neuroscience* **27** (31 October): 11960-11965.
- Hoelt, Fumiko, Bruce D. McCandliss, Jessica M. Black, Alexander Gantman, Nahal Zakerani, Charles Hulme, Heikki Lyytinen, Susan Whitfield-Gabrieli, Gary H. Glover, Allan L. Reiss, & John D. E. Gabrieli.** 2011. “Neural systems predicting long-term outcome in dyslexia.” *Proceedings of the National Academy of Sciences* **108** (4 January): 361-366.
- Hoehler, Tori, Brad M. Bebout, & David J. Des Marais.** 2001. “The role of microbial mats in

- the production of reduced gases on the early Earth.” *Nature* **412** (19 July): 324-327.
- Hoehner, Harold W.** 1984. “Textual Criticism & Inerrancy.” *Fundamentalist Journal* **3** (April): 38-40.
- . 2007. “Can a Woman Be a Pastor-Teacher?” *Journal of the Evangelical Theological Society* **50** (December): 761-771.
- Hoeksema, Bert W., Piet J. Roos, & Gerhard C. Cadée.** 2012. “Trans-Atlantic rafting by the brooding reef coral *Favia fragum* on man-made flotsam.” *Marine Ecology Progress Series* **445** (20 January): 209-218.
- Hoekstra, Hopi E.** 2012. “Stickleback is the catch of the day.” *Nature* **484** (5 April): 46-47.
- Hoekstra, Hopi E., & Jerry A. Coyne.** 2007. “The Locus of Evolution: Evo Devo and the Genetics of Adaptation.” *Evolution* **61** (May): 995-1016.
- Hoekstra, Hopi E., Rachel J. Hirschmann, Richard A. Bunday, Paul A. Insel, & Janet P. Crossland.** 2006. “A Single Amino Acid Mutation Contributes to Adaptive Beach Mouse Color Pattern.” *Science* **313** (7 July): 101-104.
- Hoekstra, H. E., J. G. Krenz, & M. W. Nachman.** 2005. “Local adaptation in the rock pocket mouse (*Chaetodipus intermedius*): natural selection and phylogenetic history of populations.” *Heredity* **94** (February): 217-228.
- Hoekstra, H. E., & M. W. Nachman.** 2003. “Different genes underlie adaptive melanism in different populations of rock pocket mice.” *Molecular Ecology* **12** (May #5): 1185-1194.
- Hoekstra, Rolf F.** 2005. “Why sex is good.” *Nature* **434** (31 March): 571-573.
- Hoeller, Daniela, & Ivan Dikic.** 2016. “How the proteasome is degraded.” *Proceedings of the National Academy of Sciences* **113** (22 November): 13266-13268.
- Hoening, Nic.** 2005. “Intelligent Design in Germany: Why do you fear the gap?” Posting 9 November (online text at www.nicolashoenig.de accessed 12/28/2010).
- Hoernle, Kaj, Paul van den Bogaard, Reinhard Werner, Britta Lissinna, Folkmar Hauff, Guillermo Alvarado, & Dieter Garbe-Schönberg.** 2002. “Missing history (16-71 Ma) of the Galápagos hotspot: Implications for the tectonic and biological evolution of the Americas.” *Geology* **30** (September): 795-798.
- Hoesch, William A.** 2006. “Mudcracks and the Flood.” Institute for Creation Research *Back to Genesis* (November): c.
- . 2007. “Lagerstätten!” Institute for Creation Research *Acts & Facts* (August): online text accessed 1/29/2014 (icr.org).
- . 2008. “Red Butte: Remnant of the Flood.” Institute for Creation Research *Acts & Facts* (March): 14.
- Hoesch, William A., & Steven A. Austin.** 2004. “No. 370—Dinosaur National Monument: Jurassic Park or Jurassic Jumble?” Institute for Creation Research *Impact* (April): i-viii.
- Hoey, Tom.** 1984. “The Biama legends of creation and Noah’s Flood.” *Answers in Genesis Creation* **7** (October): 12-13.
- Hof, Fraser, & Julius Rebek Jr.** 2002. “Molecules within molecules: Recognition through self-assembly.” *Proceedings of the National Academy of Sciences* **99** (16 April): 4775-4777.
- Hof, Patrick R., & Estel Van Der Gucht.** 2007. “Structure of the cerebral cortex of the humpback whale, *Megaptera novaeangliae* (Cetacea, Mysticeti, Balaenopteridae).” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **290** (January): 1-31.
- Hofer, Sarah I.** 2015. “Studying Gender Bias in Physics Grading: The role of teaching experience and country.” *International Journal of Science Education* **37** (17): 2879-2905.
- Hofer, Stefan, Andrew J. Tedstone, Xavier Fettweis, & Jonathan L. Bamber.** 2017. “Decreasing cloud cover drives the recent mass loss on the Greenland Ice Sheet.” *Science Advances* **3** (28 June): e1700584 (online at sciencemag.org).
- Hoff, Karla.** 2010. “Fairness in Modern Society.” *Science* **327** (19 March): 1467-1468.
- Hoff, Mary.** 2014. “A Footnote to the Evolution of Digits.” *PLoS Biology* (online @ plosbiology.org) **12** (January): e1001774.
- Hoffecker, John F.** 2009. “The spread of modern humans in Europe.” *Proceedings of the National Academy of Sciences* **106** (22 September): 16040-16045.

- Hoffecker, John F., Scott A. Elias, & Dennis H. O'Rourke.** 2014. "Out of Beringia?" *Science* **343** (28 February): 979-980.
- Hoffecker, John F., Vance T. Holliday, M. V. Anikovich, A. A. Sinitsyn, V. V. Popov, S. N. Lisitsyn, G. M. Levkovskaya, G. A. Pospelova, Steven L. Forman, & Biagio Giaccio.** 2008. "From the Bay of Naples to the River Don: the Campanian Ignimbrite eruption and the Middle to Upper Paleolithic transition in Eastern Europe." *Journal of Human Evolution* **55** (November): 858-870.
- Hoffman, Donald D.** 2008. "Conscious Realism and the Mind-Body Problem." *Mind & Matter* **6** (1): 87-121.
- Hoffman, Jeremy S., Peter U. Clark, Andrew C. Parnell, & Feng He.** 2017. "Regional and global sea-surface temperatures during the last interglaciation." *Science* **355** (13 January): 276-279.
- Hoffman, Kenneth A., & Brad S. Singer.** 2008. "Magnetic Source Separation in Earth's Outer Core." *Science* **321** (26 September): 1800.
- Hoffman, Laurel A., & Alexandru M. F. Tomescu.** 2013. "An early origin of secondary growth: *Franhueberia gerriennei* gen. et sp. nov. from the Lower Devonian of Gaspé (Quebec, Canada)." *American Journal of Botany* **100** (April): 754-763.
- Hoffman, Michael A. II.** 1986. "The Psychology and Epistemology of 'Holocaust' Newspeak." Institute for Historical Review *The Journal of Historical Review* **6** (Spring): online text accessed 6/23/2011 (www.ihr.org).
- . 2005. "Of 'Zionist Jews' and 'Zionist Aryans'." *Revisionist History* posting (online text at www.revisionisthistory.org accessed 6/23/2011).
- . 2011a. "The New York Times retails a Talmud hoax--again." *On the Contrary* 7 February posting (online text at revisionistreview.blogspot.com accessed 6/23/2011).
- . 2011b. "Bachman, Beck and Palin increase their support for Israeli aggression." *On the Contrary* 17 June posting (online text at revisionistreview.blogspot.com accessed 6/23/2011).
- Hoffman, Michael A. II, & Alan R. Critchley.** 2000. "The Truth About the Talmud." *Origins* posting of *Independent History & Research* article (online pdf at www.alcazar.net accessed 6/15/2011).
- Hoffman, Moshe, Uri Gneezy, & John A. List.** 2011. "Nurture affects gender differences in spatial abilities." *Proceedings of the National Academy of Sciences* **108** (6 September): 14786-14788.
- . 2012. "Reply to Bailey et al. & Daly: Indigenous societies enable identification of nurture but require nonstandard measures." *Proceedings of the National Academy of Sciences* **109** (6 March): E585-587.
- Hoffman, Moshe, Erez Yoeli, & Martin A. Nowak.** 2015. "Cooperate without looking: Why we care what people think and not just what they do." *Proceedings of the National Academy of Sciences* **112** (10 February): 1727-1732.
- Hoffman, Paul E., & Daniel P. Schrag.** 2000. "Snowball Earth." *Scientific American* **282** (January): 68-75.
- Hoffman, Stephen L., G. Mani Subramanian, Frank H. Collins, & J. Craig Venter.** 2002. "Plasmodium, human and Anopheles genomics and malaria." *Nature* **415** (7 February): 702-709.
- Hoffman, Yonit, & Yitzhak Pilpel.** 2015. "MicroRNAs silence the noisy genome." *Science* **348** (3 April): 41-42.
- Hoffmann, A. A., B. L. Montgomery, J. Popovici, I. Iturbe-Ormaetxe, P. H. Johnson, F. Muzzi, M. Greenfield, M. Durkan, Y. S. Leong, Y. Dong, H. Cook, J. Axford, A. G. Callahan, N. Kenny, C. Omodei, E. A. McGraw, P. A. Ryan, S. A. Ritchie, M. Turelli, & S. L. O'Neill.** 2011. "Successful establishment of *Wolbachia* in *Aedes* populations to suppress dengue transmission." *Nature* **476** (25 August): 454-457.
- Hoffmann, Anja, Annemarie H. Becker, Beate Zachmann-Brand, Elke Deuerling, Bernd Bukau, & Günter Kramer.** 2012. "Concerted Action of the Ribosome and the Associated Chaperone Trigger Factor Confines Nascent Polypeptide Folding." *Molecular Cell* **46** (23

- August): 63-74.
- Hoffmann, Ary.** 2014. "III.8 Evolutionary Limits and Constraints," in Losos *et al.* (2014, 247-252).
- Hoffmann, Ary A., & Carla M. Sgrò.** 2011. "Climate change and evolutionary adaptation." *Nature* **470** (24 February): 479-485.
- Hoffmann, Federico G., Juan C. Opazo, & Jay F. Storz.** 2008. "New Genes Originated via Multiple Recombinational Pathways in the β -Globin Gene Family of Rodents." *Molecular Biology and Evolution* **25** (December): 2589-2600.
- . 2010. "Gene cooption and convergent evolution of oxygen transport hemoglobin in jawed and jawless vertebrates." *Proceedings of the National Academy of Sciences* **107** (10 August): 14274-14279.
- Hoffmann, Georg.** 2010. "Claude Allègre: The Climate Imposter." *RealClimate* 28 April Guest Commentary posting (online text at www.realclimate.org accessed 6/30/2012).
- Hoffmann, Hillel J.** 2000. "When Life Nearly Came to an End: The Permian Extinction." *National Geographic* **198** (September): 100-113.
- Hoffmann, Joscelyn N., Anthony G. Montag, & Nathaniel J. Dominy.** 2004. "Meissner Corpuscles and Somatosensory Acuity: The Prehensile Appendages of Primates and Elephants." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1138-1147.
- Hoffmann, Jules A., Fotis C. Kafatos, Charles A. Janeway Jr., & R. A. B. Ezekowitz.** 1999. "Phylogenetic Perspectives in Innate Immunity." *Science* **284** (21 May): 1313-1318.
- Hoffmann, Peter M.** 2012. *Life's Ratchet: How Molecular Machines Extract Order*. New York: Basic Books.
- Hoffmann, Thomas.** 2015. "Scientists warn: creationism is on the rise in Europe." *Science Nordic* 24 February posting (online text at sciencenordic.com accessed 3/1/2015).
- Hoffmeier, James K.** 2015. "Egyptologists and the Israelite Exodus from Egypt," in Levy *et al.* (2015a, 197-208).
- Hoffmeister, Alan P., Michal Kowalewski, Tomasz K. Baumiller, & Richard K. Bambach.** 2004. "Drilling predation on Permian brachiopods and bivalves from the Glass Mountains, west Texas." *Acta Palaeontologica Polonica* **49** (3): 443-454.
- Hoffstaedter, Felix, Christian Grefkes, Karl Zilles, & Simon B. Eickhoff.** 2013. "The 'What' and 'When' of Self-Initiated Movements." *Cerebral Cortex* **23** (March): 520-530.
- Hofland, Lynn.** 2000. "Giraffes: animals that stand out in a crowd." *Rocky Mountain Creation Fellowship* May posting (online text at youngearth.org accessed 11/7/2010).
- Höflmayer, Felix.** 2012. "The Date of the Minoan Santorini Eruption: Quantifying the 'Offset'." *Radiocarbon* **54** (January): 435-448.
- Hofmann, A. W.** 1997. "Mantle geochemistry: the message from oceanic volcanism." *Nature* **385** (16 January): 219-229.
- Hofmann, Beda A., Jan Olov Nyström, & Urs Krähenbühl.** 2000. "The Ordovician chondrite from Brunflo, central Sweden III. Geochemistry of terrestrial alteration." *Lithos* **50** (February): 305-324.
- Hofmann, Hans A.** 2010. "Early development patterning sets the stage for brain evolution." *Proceedings of the National Academy of Sciences* **107** (1 June): 9919-9920.
- Hofmann, H. J., K. Grey, A. H. Hickman, & R. I. Thorpe.** 1999. "Origin of 3.45 Ga coniform stromatolites in Warrawoona Group, Western Australia." *The Geological Society of America GSA Bulletin* **111** (August): 1256-1262.
- Hofmann, Hans J., & Eric W. Mountjoy.** 2001. "Namacalathus-Cloudina assemblage in Neoproterozoic Miette Group (Byng Formation), British Columbia: Canada's oldest shelly fossils." *Geology* **29** (December): 1091-1094.
- Hofmann, H. J., G. M. Narbonne, & J. D. Aitken.** 1990. "Ediacaran remains from intertillite beds in northwestern Canada." *Geology* **18** (December): 1199-1202.
- Hofmann, H. J., S. J. O'Brien, & A. F. King.** 2008. "Ediacaran Biota on Bonavista Peninsula, Newfoundland, Canada." *Journal of Paleontology* **82** (January): 1-36.
- Hofmann, Julian, Michael Krug, Norbert Ortel, Lea Gérard, Markus Weber, Wenjamin**

- Rosenfeld, & Harald Weinfurter.** 2012. “Heralded Entanglement Between Widely Separated Atoms.” *Science* **337** (6 July): 72-75.
- Hofmann, Matthias, & Stefan Rahmstorf.** 2009. “On the stability of the Atlantic meridional overturning circulation.” *Proceedings of the National Academy of Sciences* **106** (8 December): 20596-20601.
- Hofmann, Nancy R.** 2011. “The Evolution of Photorespiratory Glycolate Oxidases Activity.” *The Plant Cell* **23** (August): 2805.
- Hofmann, Wilhelm, Daniel C. Wisneski, Mark J. Brandt, & Linda J. Skitka.** 2014. “Morality in everyday life.” *Science* **345** (12 September): 1340-1343.
- . 2015. “Response to Comment on ‘Morality in everyday life’.” *Science* **348** (15 May): 767.
- Hofmann, Wilma A., Thomas A. Richards, & Primal de Lanerolle.** 2009. “Ancient animal ancestry for nuclear myosin.” *Journal of Cell Science* **122** (1 March): 636-643.
- Hofmanová, Susanne Kreutzer, Garrett Hellenthal, Christian Sell, Yoan Diekmann, David Díez-del-Molino, Lucy van Dorp, Saioa López, Athanasios Kousathanas, Vivian Link, Karola Kiršanow, Lara M. Cassidy, Rui Martiniano, Melanie Strobel, Amelie Scheu, Kostas Kotsakis, Paul Halstead, Sevi Triantaphyllous, Nina Hyparissi-Apostolika, Dushka Urem-Kotsou, Christina Ziota, Fotini Adaktylou, Shyamalika Gopalan, Dean M. Bobo, Laura Winkelbach, Jens Blöcher, Martina Underländer, Christoph Leuenberger, Çiler Çilingiroğlu, Barbara Horejs, Fokke Gerritsen, Stephen J. Shennan, Daniel G. Bradley, Mathias Currat, Krishna R. Veeramah, Daniel Wegmann, Mark G. Thomas, Christina Papageorgopoulou, & Joachim Burger.** 2016. “Early farmers from across Europe directly descended from Neolithic Aegeans.” *Proceedings of the National Academy of Sciences* **113** (21 June): 6886-6891.
- Hofstadter, Dan.** 2009. *The Earth Moves: Galileo and the Roman Inquisition*. New York: W. W. Norton & Co.
- Hofstadter, Douglas R.** 1979. *Gödel, Escher, Bach: An Eternal Golden Braid*. 1980 pb ed. New York: Vintage Books.
- . 2007. *I Am A Strange Loop*. New York: Basic Books.
- Hofstadter, Douglas R., & Daniel C. Dennett,** eds. 1981. *The Mind’s I: Fantasies and Reflections on Self and Soul*. New York: Basic Books.
- Hoft, Jim.** 2010. “It Begins... Media Calls Bush-Hating, Pot Smoking, Truther & Pentagon Shooter a ‘Right-Wing Extremist’ ...Update: Linked to Al Franken ... Update: He’s a Dem.” *Gateway Pundit* 5 March posting (online text at www.thegatewaypundit.com accessed 8/11/2011).
- Hofwegen, Dustin J., Carolyn J. Hovde, & Scott A. Minnich.** 2016. “Rapid Evolution of Citrate Utilization by *Escherichia coli* by Direct Selection Requires citT and dctA.” *Journal of Bacteriology* **198** (February, No. 7): 1022-1034.
- Hogan, Brigid L. M.** 1995. “Upside-down ideas vindicated.” *Nature* **376** (20 July): 210-211.
- Hogan, James P.** 2004. *Kicking the Sacred Cow: Questioning the Unquestionable and Thinking the Impermissible*. 2006 pb ed. Riverdale, NY: Baen.
- Hogan, Liam, Laura McAtackney, & Matthew Connor Reilly.** 2015. “The unfree Irish in the Caribbean were indentured servants.” *The Journal* 6 October posting (online text at www.thejournal.ie accessed 4/20/2016).
- Hogan, Tom.** 2010. “Some Implications of the Demise of the Demarcation Problem.” *Creation Research Society Quarterly* **46** (December): 167-176.
- Hogenesch, John B., Keith A. Ching, Serge Batalov, Andrew I. Su, John R. Walker, Yingyao Zhou, Steve A. Kay, Peter G. Schultz, & Michael P. Cooke.** 2001. “A comparison of the Celera and Ensembl Predicted Gene Sets reveals Little Overlap in Novel Genes.” *Cell* **106** (24 August): 413-415.
- Hogerheijde, Michiel R., Edwin A. Bergin, Christian Brinch, L. Ilse-dore Cleaves, Jeffrey K. J. Fogel, Geoffrey A. Blake, Carsten Dominik, Dariusz C. Lis, Gary Melnick, David Neufeld, Olja Panić, John C. Pearson, Lars Kristensen, Umut A. Yildiz, & Ewine F. van Dishoeck.** 2011. “Detection of the Water Reservoir in a Forming Planetary System.”

- Science* **334** (21 October): 338-340.
- Hogg, Christopher, Magella Neveu, Karl-Arne Stokkan, Lars Folkow, Philippa Cottrill, Ronald Douglas, David M. Hunt, & Glen Jeffery.** 2011. "Arctic reindeer extend their visual range into the ultraviolet." *The Journal of Experimental Biology* **214** (15 June): 2014-2019.
- Hogg, Michael A., Janice R. Adelman, & Robert D. Blagg.** 2010. "Religion in the Face of Uncertainty: An Uncertainty-Identity Theory Account of Religiousness." *Personality and Social Psychology Review* **14** (February): 72-83.
- Hogg, Robert S., Steffanie A. Strathdee, Kevin J. P. Craib, Michael V. O'Shaughnessy, Julio S. G. Montaner, & Martin T. Schechter.** 1997. "Modeling the impact of HIV Disease on Mortality in Gay and Bisexual Men." *International Journal of Epidemiology* **26** (3): 657-661.
- . 2001. "Gay life expectancy revisited." *International Journal of Epidemiology* **30** (6): 1499.
- Hoggan, James, with Richard Littlemore.** 2009. *Climate Cover-Up*. Vancouver, BC: Greystone Books.
- Hogness, Peter.** 2006. "'Intelligent design' backers plan to use ABOR." City University of New York *Clarion* (March): 4 (online pdf at archive.psc-cuny.org accessed 7/28/2014).
- Hogness, Peter, & Dania Rajendra.** 2006. "'Academic Bill of Rights' comes to New York." City University of New York *Clarion* (March): 4 (online pdf at archive.psc-cuny.org accessed 7/28/2014).
- Hogsette, David S.** 2011a. "Metaphysical intersections in Frankenstein: Mary Shelley's theistic investigation of scientific materialism and transgressive autonomy." *Pepperdine University Christianity and Literature* **60** (Summer): 531-559.
- . 2011a. "About Me." *Dr. David Hogsette* undated posting (online text at iris.nyit.edu accessed 7/5/2011).
- . 2011b. "Resources." *Dr. David Hogsette* undated posting (online text at iris.nyit.edu accessed 7/5/2011).
- Högström, Anette E. S., & Jan Ove R. Ebbestad.** 2004. "Presevational aspects of the Upper Ordovician Fjäckå Shale, central Sweden—exemplified by a medusoid problematicum," in *Hints & Ainsaar* (2004, 45-46).
- Hogue, John.** 1997. *Nostradamus: The Complete Prophecies*. 1999 pb ed. Boston: Element Books.
- . 2002. *Nostradamus: The New Millennium*. Rev. ed. of 1994 *Nostradamus: The New Revelation*. London: Element.
- Hohenburg, C. M., A. P. Meshik, O. V. Pravdivtseva, & A. N. Krot.** 2001. "I-Xe dating: Dark inclusions from Allende CV3." *Meteoritics & Planetary Science* **36** (Supplement): A83.
- Hohenlohe, Paul A., & Stevan J. Arnold.** 2010. "Dimensionality of mate choice, sexual isolation, and speciation." *Proceedings of the National Academy of Sciences* **107** (21 September): 16583-16588.
- Hohn, Michael J., Hee-Sung Park, Patrick O'Donoghue, Michael Schnitzbauer, & Dieter Söll.** 2006. "Emergence of the universal genetic code imprinted in an RNA record." *Proceedings of the National Academy of Sciences* **103** (28 November): 18095-18100.
- Hohn, Stephanie, & Armin Hallmann.** 2011. "There is more than one way to turn a spherical cellular monolayer inside out: type B embryo inversion in *Volvox globator*." *BMC Biology* (online @ biomedcentral.com) **9** (29 December): 89.
- Hoiczky, Egbert, & Günter Blobel.** 2001. "Polymerization of a single protein of the pathogen *Yersinia enterocolitica* into needles punctures eukaryotic cells." *Proceedings of the National Academy of Sciences* **98** (10 April): 4669-4674.
- Hoke, J. David.** 1999. "Objections to Christianity—Does God Exist?" *New Horizons Community Church* 7 March sermon posting (online text at www.horizonsnet.org accessed 10/10/2007).
- Holand, Øystein, Knut H. Røed, Atle Mysterud, Jouko Kumpula, Mauri Nieminen, & Martin E. Smith.** 2003. "The Effect of Sex Ratio and Male Age Structure on Reindeer

- Calving.” *The Journal of Wildlife Management* **67** (January): 25-33.
- Holanda, Elizete Celestino, & Mario Alberto Cozzuol.** 2006. “New records of *Tapirus* from the Late Pleistocene of southwestern Amazonia, Brazil.” *Revista Brasileira de Paleontologia* **9** (May/August): 193-200.
- Holbrook, W. Steven, Hartley Hoskins, Warren T. Wood, Ralph A. Stephen, Daniel Lizarralde, & Leg 164 Science Party.** 1996. “Methane Hydrate and Free Gas on the Blake Ridge from Vertical Seismic Profiling.” *Science* **273** (27 September): 1840-1843.
- Holdaway, R. N., & C. Jacomb.** 2000. “Rapid Extinction of the Moas (Aves: Dinornithiformes): Model, Test, and Implications.” *Science* **287** (24 March): 2250-2254.
- Holdeman, Rich.** 2016. “There is No ‘Junk’ in God’s World.” *Christ Church Welcomes You* (Rome, New York) 25 February posting (online text at christchurchreformed.com accessed 2/27/2016).
- Holden, Anna R., John M. Harris, & Robert M. Timm.** 2013. “Paleoecological and Taphonomic Implications of Insect-Damaged Pleistocene Vertebrate Remains from Rancho La Brea, Southern California.” *PLoS ONE* (online @ plosone.org) **8** (July): e67119.
- Holden, Anna R., Jonathan B. Koch, Terry Griswold, Diane M. Erwin, & Justin Hall.** 2014. “Leafcutter Bee Nests and Pupae from the Rancho La Brea Tar Pits of Southern California: Implications for Understanding the Paleoenvironment of the Late Pleistocene.” *PLoS ONE* (online @ plosone.org) **9** (April): e94724.
- Holden, Constance.** 1997. “Early Music.” *Science* **276** (11 April): 205.
- . 1999a. “Neanderthals Left Speechless?” *Science* **283** (19 February): 1111.
- . 1999b. “Kennewick Man Gets His Day in the Lab.” *Science* **283** (26 February): 1239-1240.
- . 1999c. “What Fijians Had for Dinner.” *Science* **286** (1 October): 39.
- . 1999d. “Ancient Bones Returned to Sod.” *Science* **286** (12 November): 1285.
- . 2000a. “Dinos and Turkeys: Connected by DNA?” *Science* **288** (14 April): 238.
- . 2000b. “Florida Meeting Shows Perils, Promise of Dealing for Dinos.” *Science* **288** (14 April): 238-239.
- . 2000c. “Bones Decision Rattles Researchers.” *Science* **289** (29 September): 2257.
- . 2001a. “Oldest Human DNA Reveals Aussie Oddity.” *Science* **291** (21 January): 230-231.
- . 2001b. “Study Suggests Pitch Perception Is Inherited.” *Science* **291** (9 March): 1879.
- . 2001c. “Senate Gives Nod to Creationism.” *Science* **292** (29 June): 2429.
- . 2002a. “Diamonds in the Sky.” *Science* **296** (24 May): 1397.
- . 2002b. “Georgia County Opens Door to Creationism.” *Science* **298** (4 October): 35-36.
- . 2003. “Isotopic Data Pinpoint Iceman’s Origins.” *Science* **302** (31 October): 759, 761.
- . 2004a. “Scientists Hope Ruling Will Lead Them to Bones.” *Science* **303** (13 February): 943.
- . 2004b. “Georgia Backs Off a Bit, But in Other States Battles Heat Up.” *Science* **303** (27 February): 1268.
- . 2004c. “The Origin of Speech.” *Science* **303** (27 February): 1316-1319.
- . 2004d. “Oldest Beads Suggest Early Symbolic Behavior.” *Science* **304** (16 April): 369.
- . 2004e. “Life Without Numbers in the Amazon.” *Science* **305** (20 August): 1093.
- . 2008a. “Parsing the Genetics of Behavior.” *Science* **322** (7 November): 892-895.
- . 2008b. “Wanted: Math Gene.” *Science* **322** (7 November): 894.
- . 2009a. “Twins May Think Alike Too, MRI Brain Study Suggests.” *Science* **323** (27 March): 1658.
- . 2009b. “Two Sides of the Same Coin?” *Science* **324** (10 April): 162-163.
- . 2009c. “NIH Approves First New Lines; Many More on the Way.” *Science* **326** (11 December): 1467.
- Holder, K. Kichler, & J. J. Bull.** 2001. “Profiles of Adaptation in Two Similar Viruses.” *Genetics* **159** (December): 1393-1404.
- Holder, Nigel, & Andrew McMahon.** 1996. “Genes from zebrafish screens.” *Nature* **384** (12 December): 515-516.

- Holding, James Patrick.** 1999. “Is the *raqiya* (‘firmament’) a solid dome?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **13** (2): 44-51.
- . 2000. “Is the *'erets* (earth) flat?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **14** (3): 51-54.
- . 2001. “Is the *'erets* (earth) flat?” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **15** (2): 52-53.
- . 2003. “Lenny Flank: A Critique.” *Tekton Apologetics Ministry* posting (online text at www.tektonics.org accessed 11/2/2013).
- . 2005. “Debunking the Documentary Hypothesis.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **19** (3): 37-40.
- . 2008. “Dawkins’ Ironic Hypocrisy.” *Creation Ministries International* posting 21 November (online text at creation.com accessed 3/9/2013).
- . 2009. “G. A. Wells. A Critique: Christ-Myth.” *Tekton Apologetics Ministry* posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2010. “The Skeptic’s Annotated Bible: Comments.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012a. “Jim Meritt’s List of Bible Contradictions: Answer Key.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012b. “How many of each animal went aboard the Ark?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012c. “Copyist Errors, Estimations, and the Biblical Text.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012d. “On the ‘sins of the fathers’.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012e. “Does the Bible wrongly call the bat a ‘bird’?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012f. “Is the Bible wrong about hares chewing cud?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012g. “Does the Bible err on how many legs insects have?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012h. “Are there two creation accounts?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012i. “Does Genesis 30:9 teach ‘magical genetics’?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012j. “Do snakes really eat dirt?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012k. “Does the Bible teach that the Earth is flat?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012l. “Is Job 38:22 meteorologically inaccurate?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012m. “What were Jesus’ final words?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012n. “Did others ascend to Heaven before Jesus?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012o. “Do Matthew and Acts contradict concerning Judas’ death?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2012p. “Does Proverbs Contradict Itself on Answering Fools?” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 3/9/2013).
- . 2014a. “‘The Encyclopedia of Biblical Errancy’ refuted.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 11/17/2014).
- . 2014b. “On the Genealogies of Jesus.” *Tekton Apologetics Ministry* undated posting (online text at www.tektonics.org accessed 11/17/2014).
- Holding Fast.** 2011. “Creation Science Packet Two.” *Holding Fast* updated posting (online text at www.holdingfast.info accessed 12/14/2013).
- Holdrege, Craig.** 2003. “The Giraffe’s Short Neck.” *Context* (The Nature Institute) **10** (Fall):

14-19.

- Holdren, John P.** 2002. "Energy: Asking the Wrong Question." *Scientific American* **286** (January): 65-67.
- Holecková, B., I. Sutiaková, & N. Pijáková.** 1995. "Robertsonian translocation in a cattle population." *Veterinární medicína* **40** (2): 33-34.
- Holen, Steven R., Thomas A. Deméré, Daniel C. Fisher, Richard Fullagar, James B. Paces, George T. Jefferson, Jared M. Beeton, Richard A. Cerutti, Adam N. Rountrey, Lawrence Vescera, & Kathleen A. Holen.** 2017. "A 130,000-year-old archaeological site in southern California." *Nature* **544** (27 April): 479-483.
- Holland, Brenden S., & Michael G. Hadfield.** 2004. "Origin and diversification of the endemic Hawaiian tree snails (Achatinellidae: Achatinellinae) based on molecular evidence." *Molecular Phylogenetics and Evolution* **32** (August): 588-600.
- Holland, Greg, Martin Cassidy, & Chris J. Ballentine.** 2009. "Meteorite Kr in Earth's Mantle Suggests a Late Accretionary Source for the Atmosphere." *Science* **326** (11 December): 1522-1525.
- Holland, G., B. Sherwood Lollar, L. Li, G. Lacrampe-Couloume, G. F. Slater, & C. J. Ballentine.** 2013. "Deep fracture fluids isolated in the crust since the Precambrian era." *Nature* **497** (16 May): 357-360.
- Holland, Greg J.** 2009. "Predicting El Niño's Impacts." *Science* **325** (3 July): 47.
- . 2012. "Hurricanes and rising global temperatures." *Proceedings of the National Academy of Sciences* **109** (27 November): 19513-19514.
- Holland, Greg J., & Peter J. Webster.** 2007. "Heightened tropical cyclone activity in the North Atlantic: natural variability or climate trend?" *Philosophical Transactions of the Royal Society of London A* (Mathematical, Physical & Engineering Sciences) **365** (November): 2695-2716.
- Holland, Heinrich D.** 1999. "When did the Earth's atmosphere become oxic? A Reply." *The Geochemical News* (The Geochemical Society) #100 (July): 20-22.
- . 2006. "The oxygenation of the atmosphere and ocean." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (May): 903-915.
- Holland, H. D., B. Lazar, & M. McCaffrey.** 1986. "Evolution of the atmosphere and oceans." *Nature* **320** (6 March): 27-33.
- Holland, Hilmar A., Bernd R. Schöne, Constanze Lipowsky, & Jan Esper.** 2014. "Decadal climate variability of the North Sea during the last millennium reconstructed from bivalve shells (*Arctica islandica*)." *The Holocene* **24** (July): 771-786.
- Holland, Jason W., Beth Okamura, Hanna Hartikainen, & Chris J. Secombes.** 2011. "A novel minicollagen gene links cnidarians and myxozoans." *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (22 February): 546-553.
- Holland, Jennifer J., Diana Roberts, & Emmanuel Liscum.** 2009. "Understanding phototropism: from Darwin to today." *Journal of Experimental Botany* **60** (May): 1969-1978.
- Holland, Jennifer S.** 2011. *Unlikely Friendships: 47 Remarkable Stories from the Animal Kingdom*. New York: Workman Publishing.
- Holland, Joshua.** 2015. "Here's how conservatives turned a Jew-hating conspiracy theory into the bogus 'war on Christmas'." *The Raw Story* 23 December posting (online text at www.rawstory.com accessed 12/23/2015).
- Holland, Linda Z.** 2007. "A chordate with a difference." *Nature* **447** (10 May): 153.
- Holland, Linda Z., Ricard Albalat, Kaoru Azumi, Èlia Benito-Gutiérrez, Matthew J. Blow, Marianne Bronner-Fraser, Frederic Brunet, Thomas Butts, Simona Candiani, Larry J. Dishaw, David E. K. Ferrier, Jordi Garcia-Fernández, Jeremy J. Gibson-Brown, Carmela Gissi, Adam Godzik, Finn Hallböök, Dan Hirose, Kazuyoshi Hosomichi, Tetsuro Ikuta, Hidetoshi Inoko, Masanori Kasahara, Jun Kasamatsu, Takeshi Kawashima, Ayuko Kimura, Masaaki Kobayashi, Zbynek Kozmik, Kaoru Kubokawa, Vincent Laudet, Gary W. Litman, Alice C. McHardy, Daniel Meulemans, Masaru Nonaka, Robert P. Olinski, Zeev Pancer, Len A. Pennacchio, Mario Pestarino,**

- Jonathan P. Rast, Isidore Rigoutsos, Marc Robinson-Rechavi, Graeme Roch, Hidetoshi Saiga, Yasunori Sasakura, Masanobu Satake, Yutaka Satou, Michael Schubert, Nancy Sherwood, Takashi Shiina, Naohito Takatori, Javier Tello, Pavel Vopalensky, Shuichi Wada, Anlong Xu, Yuzhen Ye, Keita Yoshida, Fumiko Yoshizaki, Jr-Kai Yu, Qing Zhang, Christian M. Zmasek, Pieter J. de Jong, Kazutoyo Osoegawa, Nicholas H. Putnam, Daniel S. Rokhsar, Noriyuki Satoh, & Peter W. H. Holland.** 2008. "The amphioxus genome illuminates vertebrate origins and cephalochordate biology." *Genome Research* **18** (July): 1100-1111.
- Holland, Linda Z., & Nicholas D. Holland.** 2001. "Evolution of neural crest and placodes: amphioxus as a model for the ancestral vertebrate?" *Journal of Anatomy* **199** (July): 85-98.
- . 2007. "A revised fate map for amphioxus and the evolution of axial patterning in chordates." *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (September): 360-372.
- Holland, Nicholas D., & Junyuan Chen.** 2001. "Origin and early evolution of the vertebrates: new insights from advances in molecular biology, anatomy, and palaeontology." *BioEssays* **23** (February): 142-151.
- Holland, Nicholas D., & Linda Z. Holland.** 1999. "Amphioxus and the Utility of Molecular Genetic Data for Hypothesizing Body Part Homologies between Distantly Related Animals." *Integrative and Comparative Biology* (AKA *American Zoologist*) **39** (June): 630-640.
- Holland, Nicholas D., Linda Z. Holland, & Peter W. H. Holland.** 2015. "Scenarios for the making of vertebrates." *Nature* **520** (23 April): 450-455.
- Holland, Peter W. H.** 1998. "Major Transitions in Animal Evolution: A Developmental Genetic Perspective." *Integrative and Comparative Biology* (AKA *American Zoologist*) **38** (December): 829-842.
- . 2001. "Beyond the Hox: how widespread is homeobox gene clustering?" *Journal of Anatomy* **199** (July): 13-23.
- . 2006. "My sister is a sea squirt?" *Heredity* **96** (June): 424-425.
- . 2013. "Evolution of homeobox genes." *WIREs Developmental Biology* **2** (January/February): 31-45.
- . 2015. "Did homeobox gene duplications contribute to the Cambrian explosion?" *Zoological Letters* (online @ zoologicalletters.biomedcentral.com) **1** (13 January): 1.
- Holland, Peter W. H., H. Anne F. Booth, & Elspeth A. Bruford.** 2007. "Classification and nomenclature of all human homeobox genes." *BMC Biology* (online @ biomedcentral.com) **5** (26 October): 47.
- Holland, Peter W. H., & Jordi Garcia-Fernàndez.** 1996. "Hox Genes and Chordate Evolution." *Developmental Biology* **173** (1 February): 382-395.
- Holland, Peter W. H., & Tokiharu Takahashi.** 2005. "The evolution of homeobox genes: Implications for the study of brain development." *Brain Research Bulletin* **66** (15 September): 484-490.
- Holland, Steven M.** 2013. "A history of give and take." *Nature* **493** (17 January): 308-309.
- . 2016. "Ecological disruption precedes mass extinction." *Proceedings of the National Academy of Sciences* **113** (26 July): 8349-8351.
- Holland, Steven M., & Mark E. Patzkowsky.** 1999. "Models for simulating the fossil record." *Geology* **27** (June): 491-494.
- Hölldobler, Bert, & Hiltrud Engel-Siegel.** 1984. "On the Metapleural Gland of Ants." *Psyche* **91** (3-4): 201-224.
- Hölldobler, Bert, Nicola J. R. Plowes, Robert A. Johnson, Upul Nishshanka, Chongming Liu, & Athula B. Attygalle.** 2013. "Pygidial gland chemistry and potential alarm-recruitment function in column foraging, but not solitary, Nearctic *Messor* harvesting ants (Hymenoptera: Formicidae: Myrmicinae)." *Journal of Insect Physiology* **59** (September): 863-869.
- Hölldobler, Bert, & Edward O. Wilson.** 1990. *The Ants*. Cambridge, MA: Belknap Press (Harvard University Press).

- Holle, Henning, Kimberley Warne, Anil K. Seth, Hugo D. Critchley, & Jamie Ward.** 2012. "Neural basis of contagious itch and why some people are more prone to it." *Proceedings of the National Academy of Sciences* **109** (27 November): 19816-19821.
- Holleley, Clare, Denis O'Meally, Stephen D. Sarre, Jennifer A. Marshall Graves, Tariq Ezaz, Kazumi Matsubara, Bhumika Azad, Xiuwen Zhang, & Arthur Georges.** 2015. "Sex reversal triggers the rapid transition from genetic to temperature-dependent sex." *Nature* **523** (2 July): 79-82.
- Hollenbach, D. F., & J. M. Herndon.** 2001. "Deep-Earth reactor: Nuclear fission, helium, and the geomagnetic field." *Proceedings of the National Academy of Sciences* **98** (25 September): 11085-11090.
- Holley, Scott, P. David Jackson, Yoshiki Sasai, Bin Lu, Eddy M. De Robertis, F. Michael Hoffmann, & Edwin L. Ferguson.** 1995. "A conserved system for dorsal-ventral patterning in insects and vertebrates involving *sog* and *chordin*." *Nature* **376** (20 July): 249-253.
- Holliday, Casey M.** 2009. "New Insights Into Dinosaur Jaw Muscle Anatomy." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **292** (September): 1246-1265.
- Holliday, Casey M., Nicholas M. Gardner, Sylvia M. Paesani, Mallory Douthitt, & Jack L. Ratliff.** 2010. "Microanatomy of the Mandibular Symphysis in Lizards: Patterns in Fiber Orientation and Meckel's Cartilage and Their Significance in Cranial Evolution." *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **293** (August): 1350-1359.
- Holliday, Casey M., & Lawrence M. Witmer.** 2007. "Archosaur Adductor Chamber Evolution: Integration of Musculoskeletal and Topological Criteria in Jaw Muscle Homology." *Journal of Morphology* **268** (June): 457-484.
- Holliday, Robin.** 2003. "Creationism and the wheel." *BioEssays* **25** (June): 620-621.
- Holliday, Vance T.** 2015. "Problematic dating of claimed Younger Dryas boundary impact proxies." *Proceedings of the National Academy of Sciences* **112** (8 December): E7621.
- Hollingsworth, J. Stewart.** 2008. "THE FIRST TRILOBITES IN LAURENTIA AND ELSEWHERE," in Rábano *et al.* (2008, 171-175).
- Hollis, Brian, Janna L. Fierst, & David Houle.** 2009. "Sexual Selection Accelerates the Elimination of a Deleterious Mutant in *Drosophila melanogaster*." *Evolution* **63** (February): 324-333.
- Hollis, Julie A., & Andrew S. Wygralak.** 2012. "A review of the geology and uranium, gold and iron ore deposits of the Pine Creek Orogen." *Episodes* **35** (March): 264-272.
- Hollister, Jesse D., Lisa M. Smith, Ya-Long Guo, Felix Ott, Detlef Weigel, & Brandon S. Gaut.** 2011. "Transposable elements and small RNAs contribute to gene expression divergence between *Arabidopsis thaliana* and *Arabidopsis lyrata*." *Proceedings of the National Academy of Sciences* **108** (8 February): 2322-2327.
- Hollocher, Hope, Chau-Ti Ting, Mao-Lien Wu, & Chung-I Wu.** 1997. "Incipient Speciation by Sexual Isolation in *Drosophila melanogaster*: Extensive Genetic Divergence without Reinforcement." *Genetics* **147** (November): 1191-1201.
- Hollocher, Kurt.** 1998. "9. Critique of article: 'The effect of thermal stress on radiohalos in biotites,' by Mark Armitage: American Laboratory, November, 1997, volume 29, number 22, pages 25-33." *California State University Northridge* posting (online text at www.csun.edu accessed 7/28/2014).
- Hollon, Nick G., & Paul E. M. Phillips.** 2016. "Making risk-takers settle." *Nature* **531** (31 March): 588-589.
- Holloway, Alisha K., Benoit G. Bruneau, Tatyana Sukonnik, John L. Rubenstein, & Katherine S. Pollard.** 2016. "Accelerated Evolution of Enhancer Hotspots in the Mammal Ancestor." *Molecular Biology and Evolution* **33** (April): 1008-1018.
- Holloway, Alisha K., Timothy Palzkill, & James J. Bull.** 2007. "Experimental Evolution of Gene Duplicates in a Bacterial Plasmid Model." *Journal of Molecular Evolution* **64** (February): 215-222.

- Holloway, Carson.** 2004. "I Believe Not." *Touchstone* (July/August): online text accessed 11/5/2010 (www.touchstonemag.com).
- . 2006. "The Public-Intellectual Menace." *National Review* (19 June): online text accessed 2/23/2011 (www.nationalreview.com).
- Holloway, Erik.** 2011. "Critics agree with Dembski, the No Free Lunch theorem applies to evolution." *Uncommon Descent* posting 22 August (online text at www.uncommondescent.com accessed 8/24/2011).
- Holloway, Kali.** 2015. "Here are the 10 careers with the most psychopaths." *The Raw Story* 23 June posting (online text at www.rawstory.com accessed 6/23/2015).
- Holloway, Linda.** 1999. "Evolution May Be Taught in Kansas, Along With Other Ideas." *The Kansas City Star* (17 December) reprinted at *The True Origin Archive* (online text at trueorigin.org accessed 7/18/2001).
- Holloway, Ralph L., Douglas C. Broadfield, & Kristian J. Carlson.** 2014. "New high-resolution computed tomography data of the Taung partial cranium and endocast and their bearing on metopism and hominin brain evolution." *Proceedings of the National Academy of Sciences* **111** (9 September): 13022-13027.
- Holloway, R. L., D. C. Broadfield, & M. S. Yuan.** 2001. "The Parietal Lobe in Early Hominid Evolution: Newer Evidence from Chimpanzee Brains," in Tobias *et al.* (2001, 365-371).
- Holloway, Ralph L., & Marie Christine De La Costelareymondie.** 1982. "Brain endocast asymmetry in pongids and hominids: Some preliminary findings on the paleontology of cerebral dominance." *American Journal of Physical Anthropology* **58** (May): 101-110.
- Holloway, Ralph L., Chet C. Sherwood, Patrick R. Hof, & James K. Rilling.** 2009. "Evolution of the Brain in Humans--Paleoneurology," in Binder *et al.* (2009, 1326-1338).
- Hollowell, Greene.** 2010. "Promoting Creationism as Revealed in the Book of Genesis, in Six 24-Hour Days." *Virginia Christian Alliance* posting 21 January (online text at www.vachristian.org accessed 4/14/2014).
- Hollowell, Kelly.** 2001. "Defining a Person Under the Fourteenth Amendment: A Constitutionally and Scientifically Based Analysis." *Regent University Law Review* **14** (Fall): 67-95.
- . 2004. "Eroding Evolution's Believability." *WorldNetDaily* (6 November): online text accessed 5/6/2014 (wnd.com).
- . 2005a. "The Great Flood and Asia's Tsunami." *WorldNetDaily* (1 January): online text accessed 5/6/2014 (wnd.com).
- . 2005b. "Mechanism Behind Intelligent Design Uncovered?" *WorldNetDaily* (18 June): online text accessed 5/6/2014 (wnd.com).
- . 2014. "Evolution – The Ultimate Compromise." Christian Broadcasting Network *Spiritual Life* undated posting (online text at www.cbn.com accessed 5/6/2014).
- Holly, Donald H. Jr.** 2015. "Talking to the Guy on the Airplane." *American Antiquity* **80** (July): 615-617.
- Hollyoak, Wayne.** 2015. "Support a critical review of Darwin's theory of evolution as a racist creation story masked as science." *White House Petitions* 15 June posting (online text at petitions.whitehouse.gov accessed 6/17/2015).
- Hollywood Jesus.** 2012. "The Magician's Twin: C. S. Lewis on Science." *HJ Live!* 7 December posting (online text at live.hollywoodjesus.com accessed 12/13/2012).
- Holm, Nils G., & Eva M. Andersson.** 1995. "Abiotic synthesis of organic compounds under the conditions of submarine hydrothermal systems: a perspective." *Planetary and Space Science* **43** (January-February): 153-159.
- Holman, Bruce.** 2013. "What Science Tells Us About God And Why It Matters." Lutheran Science Institute *LSI Journal* article posting (online text at lutheranscience.org accessed 2/19/2013).
- Holmer, Lars E., Christian B. Skovsted, Glenn A. Brock, James L. Valentine, & John R. Paterson.** 2008. "The Early Cambrian tommotiid *Micrina*, a sessile bivalved stem group brachiopod." Royal Society *Biology Letters* **4** (December): 724-728.
- Holmer, Lars E., Christian B. Skovsted, & Alwyn Williams.** 2002. "A Stem Group

- Brachiopod from the Lower Cambrian: Support for a *Micrina* (Halkieriid) Ancestry.” *Palaeontology* **45** (November): 875-882.
- Holmes, Bob.** 2000. “Take me to your leader.” *New Scientist* **166** (22 April): 40-43.
- . 2001. “In search of God.” *New Scientist* **170** (21 April): 24-28.
- . 2008. “Bacteria make major evolutionary shift in the lab.” *New Scientist* (9 June): online text accessed 12/9/2009 (*newscientist.com*).
- . 2015. “One gene may drive leap from single cell to multicellular life.” *New Scientist* (20 June): online text accessed 6/23/2015 (*newscientist.com*).
- Holmes, Edward C.** 2003. “Molecular Clocks and the Puzzle of RNA Virus Origins.” *Journal of Virology* **77** (April # 7): 3893-3897.
- . 2010. “The gorilla connection.” *Nature* **467** (23 September): 404-405.
- Holmes, Francis S.** 1870. *Phosphate Rocks of South Carolina and the “Great Carolina Marl Bed”*; with Five Colored Illustrations: A Popular and Scientific View of Their Origin, Geological Position and Age; Also Their Chemical Character and Agricultural Value; Together With A History of Their Discovery and Development. Charleston, SC: Holmes’ Book House.
- Holmes, Melissa M., Greta J. Rosen, Cynthia L. Jordan, Geert J. de Vries, Bruce D. Goldman, & Nancy G. Forger.** 2007. “Social control of brain morphology in a eusocial mammal.” *Proceedings of the National Academy of Sciences* **104** (19 June): 10548-10552.
- Holmes, N. G., Carl E. Wieman, & D. A. Bonn.** 2015. “Teaching critical thinking.” *Proceedings of the National Academy of Sciences* **112** (8 September): 11199-11204.
- Holmes, Robert B.** 1984. “The Carboniferous amphibian *Proterogyrinus scheeli* Romer, and the early evolution of tetrapods.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **306** (2 November): 431-524.
- . 1989. “The skull and axial skeleton of the Lower Permian anthracosauroid amphibian *Archeria crassidisca* Cope.” *Palaeontographica* **207**: 161–206.
- Holmes, Robert B., Robert L. Carroll, & Robert R. Reisz.** 1998. “The first articulated skeleton of *Dendroperon acadianum* (Temnospondyli: Dendroperontidae) from the Lower Pennsylvanian locality of Joggins, Nova Scotia and a review of its relationships.” *Journal of Vertebrate Paleontology* **18** (1): 64-79.
- Holmes, S. J.** 1939. “Darwinian Ethics and Its Practical Applications.” *Science* **90** (11 August): 117-123.
- Holowka, Nicholas B., Matthew C. O’Neill, Nathan R. Thompson, & Brigitte Demes.** 2017. “Chimpanzee and human midfoot motion during bipedal walking and the evolution of the longitudinal arch of the foot.” *Journal of Human Evolution* **104** (March): 23-31.
- Holroyd, Edmond W. III.** 2000. “Comments on a Vapor Canopy.” *Rocky Mountain Creation Fellowship* January posting (online text at *youngearth.org* accessed 11/7/2010).
- Holroyd, Patricia A., Takehisa Tsubamoto, Naoko Egi, Russell L. Ciochon, Masanaru Takai, Soe Thura Tun, Chit Sein, & Gregg F. Gunnell.** 2006. “A rhinocerotid perissodactyl from the Late Middle Eocene Pongalung Formation, Myanmar.” *Journal of Vertebrate Paleontology* **26** (June): 491-494.
- Holst, Jesper C., Mia B. Olsen, Chad Paton, Kazuhide Nagashima, Martin Schiller, Daniel Wielandt, Kirsten K. Larsen, James N. Connelly, Jes K. Jørgensen, Alexander N. Krot, Åke Nordlund, & Martin Bizzarro.** 2013. “¹⁸²Hf-¹⁸²W age dating of a ²⁶Al-poor inclusion and implications for the origin of short-lived radioisotopes in the early Solar System.” *Proceedings of the National Academy of Sciences* **110** (28 May): 8819-8823.
- Holstein, Thomas W.** 2012. “A view to kill.” *BMC Biology* (online @ *biomedcentral.com*) **10** (5 March): 18.
- Holt, Ben G., Jean-Philippe Lessard, Michael K. Borregaard, Susanne A. Fritz, Miguel B. Araújo, Dimitar Dimitrov, Pierre-Henri Fabre, Catherine H. Graham, Gary R. Graves, Knud A. Jønsson, David Nogués-Bravo, Zhiheng Wang, Robert J. Whittaker, Jon Fjeldså, & Carsten Rahbek.** 2013a. “An Update of Wallace’s Zoogeographic Regions of the World.” *Science* **339** (4 January): 74-78.
- . 2013b. “Response to Comment on ‘An Update of Wallace’s Zoogeographic Regions of

- the World’.” *Science* **341** (26 July): 343.
- Holt, Deborah C., Matthew T. G. Holden, Steven Y. C. Tong, Santiago Castillo-Ramirez, Louise Clarke, Michael A. Quail, Bart J. Curie, Julian Parkhill, Stephen D. Bentley, Edward J. Feil, & Philip M. Giffard.** 2011. “A Very Early-Branching *Staphylococcus aureus* Lineage Lacking the Carotenoid Pigment Staphyloxanthin.” *Genome Biology and Evolution* **3**: 881-895.
- Holt, Jim.** 1997. “Science Resurrects God.” *JunkScience* posting of *The Wall Street Journal* (24 December) article (online text at junkscience.com accessed 3/12/2002).
- . 2007. “Mind of a Rock.” *The New York Times* posting 18 November: online text accessed 12/11/2014 (www.nytimes.com).
- Holt, Jim.** 2002. “Representative Jim Holt.” Arkansas Legislature *Information of Member* posting (online text at www.arkleg.state.ar.us accessed 1/31/2002, not available as of 1/15/2014).
- Holt, Liam J., Brian B. Tuch, Judit Villén, Alexander D. Johnson, Steven P. Gygi, & David O. Morgan.** 2009. “Global Analysis of Cdk1 Substrate Phosphorylation Sites Provides Insights into Evolution.” *Science* **325** (25 September): 1682-1686.
- Holt, Robert D.** 2014. “III.14 Evolution of the Ecological Niche,” in Losos *et al.* (2014, 288-297).
- Holtz, Thomas R. Jr.** 2014. “Mystery of the horrible hands solved.” *Nature* **515** (13 November): 203-205.
- Holtzman, Abigail.** 2011. “‘A Common Goal’: *Buck v. Bell* and the Progressive Appeal of the Eugenics Movement.” *The Concord Review*: 223-239 (online pdf accessed 11/26/2013 at www.nationalhistoryclub.org).
- Holubcová, Zuzana, Martyn, Blayney, Kay Elder, & Melina Schuh.** 2015. “Error-prone chromosome-mediated spindle assembly favors chromosome segregation defects in human oocytes.” *Science* **348** (5 June): 1143-1147.
- Holy Smoke.* 2001. “The Cherokee’s ‘Trail of Tears’.” *Holy Smoke* undated posting (online text at www.holysmoke.org accessed 1/31/2002).
- Holzapfel, E. P., & J. C. Harrell.** 1968. “Transoceanic Dispersal Studies of Insects.” *Pacific Insects* **10** (10 May): 115-153.
- Holzer, Hans.** 1969. *The Truth About Witchcraft*. Garden City, NY: Doubleday.
- . 1973. *The Witchcraft Report*. New York: Ace.
- Holzgräfe, Christian, & Stefan Wallin.** 2014. “Smooth Functional Transition along a Mutational Pathway with an Abrupt Protein Fold Switch.” *Biophysical Journal* **107** (September): 1217-1225.
- Holzschuh, Josef, Jean de Pontcharra, & Hugh Miller.** 2009. “Recent C-14 Dating of Fossils, including Dinosaur Bone Collagen.” *Science vs Evolution* undated posting (online text at www.sciencevsevolution.org accessed 1/6/2014).
- Homberg, Uwe.** 2008. “Evolution of the central complex in the arthropod brain with respect to the visual system.” *Arthropod Structure & Development* **37** (September): 347-362.
- Homberger, Dominique G., & Kumudini N. de Silva.** 2000. “Functional microanatomy of the feather-bearing integument: Implications for the evolution of birds and avian flight.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (September): 553-574.
- Homburg, B.** 2007. “Egnorance: The Egotistical Combination of Ignorance and Arrogance.” *Panda’s Thumb* posting 9 March (online text at pandasthumb.org accessed 3/13/2007).
- Homchick, Julie.** 2010. “Objects and Objectivity: The Evolution Controversy at the American Museum of Natural History, 1915-1928.” *Science & Education* **19** (May): 485-503.
- Homosexuality.* 2000. “Notable Gays & Bisexuals.” *Homosexual* posting (online text at www.homosexual.com accessed 3/26/2001, not available as of 11/1/2014).
- Hone, David.** 2008. “Anchiornis: a new basal avialian from China.” *Archosaur Musings* posting 23 December (online text at archosaurmusings.wordpress.com accessed 3/13/2011).
- . 2009a. “Baby killers: hunting and feeding behaviour of large theropods.” *Archosaur Musings* posting 4 August (online text at archosaurmusings.wordpress.com accessed 8/17/2009).

- . 2009b. “Media tracking.” *Archosaur Musings* posting 13 August (online text at archosaurmusings.wordpress.com accessed 8/17/2009).
- . 2010. “Dinosaurs of a Feather.” *Bulletin of the Chinese Academy of Sciences* **24** (2): 92-94.
- . 2012. “Pterosaur Research: Recent Advances and a Future Revolution.” *Acta Geologica Sinica* (English edition) **86** (December): 1366-1376.
- Hone, David W. E., Andrew A. Farke, & Mathew J. Wedel.** 2016. “Ontogeny and the fossil record: what, if anything, is an adult dinosaur?” *Royal Society Biology Letters* **12** (February): 20150947.
- Hone, D. W. E., & D. Naish.** 2013. “The ‘species recognition hypothesis’ does not explain the presence and evolution of exaggerated structures in non-avian dinosaurs.” *Journal of Zoology* (London) **290** (July): 172-180.
- Hone, David W. E., & Oliver W. M. Rauhut.** 2010. “Feeding behaviour and bone utilization by theropod dinosaurs.” *Lethaia* **43** (June): 232-244.
- Hone, D. W. E., & D. H. Tanke.** 2015. “Pre- and postmortem tyrannosaurid bite marks on the remains of *Daspletosaurus* (Tyrannosaurina: Theropoda) from Dinosaur Provincial Park, Alberta, Canada.” *PeerJ* (online @ peerj.com) **3** (9 April): 885.
- Hone, David W. E., Helmut Tischlinger, Xing Xu, & Fucheng Zhang.** 2010. “The Extent of the Preserved Feathers on the Four-Winged Dinosaur *Microraptor gui* under Ultraviolet Light.” *PLoS ONE* (online @ plosone.org) **5** (February): e9223.
- Hone, David W. E., & Mahito Watabe.** 2010. “New information on scavenging and selective feeding behaviour of tyrannosaurids.” *Acta Palaeontologica Polonica* **55** (4): 627-634.
- Honeycutt, Alice Jean.** 2017. Okaloosa County, Florida 10 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at floridacitizensalliance.com accessed 4/27/2017).
- Honeycutt, Christina Ebey, & Roy Plotnick.** 2005. “Mathematical analysis of *Paleodictyon*: a graph theory approach.” *Lethaia* **38** (December): 345-350.
- Honeycutt, Rodney L.** 2008. “Small changes, big results: evolution of morphological discontinuity in mammals.” *Journal of Biology* (online @ jbiol.com) **7** (18 March): 9.
- Hong, Haizheng, Rong Shen, Futing Zhang, Zuozhu Wen, Siwei Chang, Wenfang Lin, Sven A. Kranz, Ya-Wei Luo, Shuh-Ji Kao, François M. M. Morel, & Dalin Shi.** 2017. “The complex effects of ocean acidification on the prominent N₂-fixing cyanobacterium *Trichodesmium*.” *Science* **356** (5 May): 527-531.
- Hong, Jung-Woo, David A. Hendrix, & Michael S. Levine.** 2008. “Shadow Enhancers as a Source of Evolutionary Novelty.” *Science* **321** (5 September): 1314.
- Hong, Mon, Ying Fen, & Xue Ji.** 2002. “Transcending the Boundaries of Human History.” *PureInsight.org* translated posting (online text at www.pureinsight.org accessed 1/31/2014).
- Hong, Paul S., Nigel C. Hughes, Giuseppe Fusco, & Xi-guang Zhang.** 2008. “TRUNK SEGMENTATION OF THE EARLY CAMBRIAN EODISCID TRILOBITE *NEOCOBBOLDIA CHINLINICA*,” in Rábano *et al.* (2008, 171-175).
- Honig, Barry.** 1999. “Protein Folding: From the Levinthal Paradox to Structure Prediction.” *Journal of Molecular Biology* **293** (22 October): 283-293.
- Honig, Barry, & Remo Rohs.** 2011. “Flipping Watson and Crick.” *Nature* **470** (24 February): 472-473.
- Hönisch, Bärbel, N. Gary Hemming, David Archer, Mark Siddall, & Jerry F. McManus.** 2009. “Atmospheric Carbon Dioxide Concentration Across the Mid-Pleistocene Transition.” *Science* **324** (19 June): 1551-1554.
- Hönisch, Bärbel, Andy Ridgwell, Daniela N. Schmidt, Ellen Thomas, Samantha J. Gibbs, Appy Sluijs, Richard Zeebe, Lee Kump, Rowan C. Martindale, Sarah E. Greene, Wolfgang Kiessling, Justin Ries, James C. Zachos, Dana L. Royer, Stephen Barker, Thomas M. Marchitto Jr., Ryan Moyer, Carles Pelejero, Patrizia Ziveri, Gavin L. Foster, & Branwen Williams.** 2012. “The Geological Record of Ocean Acidification.” *Science* **335** (2 March): 1058-1063.
- Honjo, Tasuku, Masamichi Muramatsu, & Sidonia Fagarasan.** 2004. “Aid.” *Immunity* **20** (June): 659-668.

- Honkela, Antti, Jaakko Peltonen, Hande Topa, Iryna Charapitsa, Filomena Matarese, Korbinián Grote, Hendrik G. Stunnenberg, George Reid, Neil D. Lawrence, & Magnus Rattray.** 2015. "Genome-wide modeling of transcription kinetics reveals patterns of RNA production delays." *Proceedings of the National Academy of Sciences* **112** (20 October): 13115-13120.
- Hood, Bruce M.** 2009. *SuperSense: Why We Believe in the Unbelievable*. New York: HarperOne (HarperCollins).
- Hood, Ernie, & Kristin P. Jenkins.** 2008. "Evolutionary Medicine: A Powerful Tool for Improving Human Health." *Evolution: Education & Outreach* **1** (April): 114-120.
- Hood, Glen R., Andrew A. Forbes, Thomas H. Q. Powell, Scott P. Egan, Gabriela Hamerlinck, James J. Smith, & Jeffrey L. Feder.** 2015. "Sequential divergence and the multiplicative origin of community diversity." *Proceedings of the National Academy of Sciences* **112** (3 November): E5980-E5989.
- Hood, Leroy.** 2008. "Gene regulatory networks and embryonic specification." *Proceedings of the National Academy of Sciences* **105** (22 April): 5951-5952.
- Hood, Leroy, & David Galas.** 2003. "The digital code of DNA." *Nature* **421** (23 January): 444-448.
- Hood, Lonnie L.** 1981. "The Enigma of Lunar Magnetism." *Eos Transactions American Geophysical Union* **62** (21 April): 161-163.
- Hoodbhoy, Pervez Amirali.** 2009. "Not necessarily," in *Templeton Foundation* (2009, 9-10).
- Hoogland, John L.** 2013. "Prairie Dogs Disperse When All Close Kin Have Disappeared." *Science* **339** (8 March): 1205-1207.
- Hook, Joshua N., Everett L. Worthington Jr., Don E. Davis, David J. Jennings II, Aubrey L. Gartner, & Jan P. Hook.** 2010. "Empirically Supported Religious and Spiritual Therapies." *Journal of Clinical Psychology* **66** (January): 46-72.
- Hooker, Jerry J.** 2012. "A new omomyid primate from the earliest Eocene of southern England: First phase of microchoerine evolution." *Acta Palaeontologica Polonica* **57** (3): 449-462.
- Hooker, J. J., & D. Dashzeveg.** 2004. "The origin of chalicotheres (Perissodactyla, Mammalia)." *Palaeontology* **47** (November): 1363-1386.
- Hooper, David, & Kenneth Whyld.** 1992. *The Oxford Companion to Chess*. 1996 pb 2nd ed. Oxford: Oxford University Press.
- Hooper, Edward.** 2005. "Main Protagonists in the Origins of AIDS Debate." *AIDSOrigins* 14 October posting (online text at www.aidsorigins.com accessed 12/20/2007).
- Hooper, Jeremy.** 2012. "Jennifer Roback Morse is single-handedly undermining NOM's messaging." *Human Rights Campaign* 26 November posting (online text at www.hrc.org accessed 9/23/2014).
- . 2013. "Who is John Stemberger and what's really driving his Boy Scouts crusade?" *GLAAD* 2 May posting (online text at www.glaad.org accessed 4/6/2014).
- Hooper, Judith.** 2002. *Of Moths and Men: An Evolutionary Tale: The Untold Story of Science and the Peppered Moth*. New York: W. W. Norton & Co.
- Hooper, Rowan.** 2016. "High-powewr biological wheels and motors imaged for first time." *New Scientist* (14 March): online text accessed 4/24/2016 (newscientist.com).
- Hoorn, Carina, & Suzette Flantua.** 2015. "An early start for the Panama land bridge." *Science* **348** (10 April): 186-187.
- Hoorn, C., F. P. Wesselingh, H. ter Steege, M. A. Bermudez, A. Mora, J. Sevink, I. Sanmartin, A. Sanchez-Meseguer, C. L. Anderson, J. P. Figueiredo, C. Jaramillo, D. Riff, F. R. Negri, H. Hooghiemstra, J. Lundberg, T. Stadler, T. Särkinen, & A. Antonelli.** 2010. "Amazonia Through Time: Andean Uplift, Climate Change, Landscape Evolution, and Biodiversity." *Science* **330** (12 November): 927-931.
- Hoot, Sara B.** 2009. "Charles Darwin: Botanist." *Reports of the National Center for Science Education* **29** (January-February): 19-21.
- Hooten, Earnest Albert.** 1931. *Up From the Ape*. 1936 ed. New York: Macmillan.
- Hoover, Jeffrey P., & Scott K. Robinson.** 2007. "Retaliatory mafia behavior by a parasitic cowbird favors host acceptance of parasitic eggs." *Proceedings of the National Academy of*

- Sciences* **104** (13 March): 4479-4483.
- Hoover, Kara C.** 2010. "Smell with inspiration: The evolutionary significance of olfaction." *American Journal of Physical Anthropology* **143** (Supplement 51): 63-74.
- Hoover, Kelli, Michael Grove, Matthew Gardner, David P. Hughes, James McNeil, & James Slavicek.** 2011. "A Gene for an Extended Phenotype." *Science* **333** (9 September): 1401.
- Hoover, Richard B.** 2011. "Fossils of Cyanobacteria in C11 Carbonaceous Meteorites." *Journal of Cosmology* (March) posting (online text at *journalofcosmology.com* accessed 3/8/2011).
- Hoover, Richard A., & Alekseĭ I. Urevich Rozanov,** eds. 2003. *Instruments, Methods, and Missions for Astrobiology VII*. San Diego, CA: Planetary Science Institute.
- Hope, Merrill.** 2014. "Proposed Texas Textbooks Are Full of Progressive Bias, Says Curriculum Accuracy Expert." *Breitbart News* 15 September posting (online text at *www.breitbart.com* accessed 9/22/2014).
- Hopfield, John J.** 2010. "Neurodynamics of mental exploration." *Proceedings of the National Academy of Sciences* **107** (26 January): 1648-1653.
- Hopkin, Karen.** 2007. "Not Faking It." *The Scientist* posting 1 November (online text at *thescientist.com* accessed 11/28/2007).
- Hopkin, Michael.** 2004. "Fossil find breaks age record." *Nature News* (27 January) posting (online text at *nature.com* accessed 6/15/2015).
- . 2006a. "One place, one parent, two species." *Nature* **439** (9 February): 640-641.
- . 2006b. "'Vegetative' patient shows signs of conscious thought." *Nature* **443** (14 September): 132-133.
- Hopkins, David M., John V. Matthews, Charles E. Schweger, & Steven B. Young,** eds. 1982. *Paleoecology of Beringia*. New York: Academic Press.
- Hopkins, Keith.** 1999. *A World Full of Gods: The Strange Triumph of Christianity*. 2000 US ed. New York: The Free Press.
- Hopkins, M. D., S. J. Mojzsis, W. F. Bottke, & O. Abramov.** 2015. "Micrometer-scale U-Pb age domains in eucrite zircons, impact re-setting, and the thermal history of the HED parent body." *Icarus* **245** (1 January): 367-378.
- Hopkins, Melanie J., & Scott Lidgard.** 2012. "Evolutionary mode routinely varies among morphological traits within fossil species lineages." *Proceedings of the National Academy of Sciences* **109** (11 December): 20520-20525.
- Hopkins, Melanie J., & Andrew B. Smith.** 2015. "Dynamic evolutionary change in post-Paleozoic echinoids and the importance of scale when interpreting changes in rates of evolution." *Proceedings of the National Academy of Sciences* **112** (24 March): 3758-3763.
- Hopkins, Melanie J., & Mark Webster.** 2008. "MORPHOLOGICAL AND ONTOGENETIC CHANGE IN THE 'EARLY' CAMBRIAN TRILOBITE *ZACANTHOPSIS* DURING AN INTERVAL OF ENVIRONMENTAL CHANGE," in Rábano *et al.* (2008, 185-187).
- Hopkins, Michael.** 2002. "Quotations and Misquotations: Why What Antievolutionists Quote is Not Valid Evidence Against Evolution." *The TalkOrigins Archive* 28 February posting (online text at *talkorigins.org* accessed 9/24/2002).
- Hopkins, Samantha S. B.** 2005. "The evolution of fossoriality and the adaptive role of horns in the Mylagaulidae (Mammalia: Rodentia)." *Proceedings of the Royal Society of London B* (Biological Sciences) **272** (22 August): 1705-1713.
- Hopkins, William D., Jamie L. Russell, & Jennifer Schaeffer.** 2014. "Chimpanzee Intelligence Is Heritable." *Current Biology* **24** (21 July): 1649-1652.
- Hoppe, Richard B.** 2005a. "The DI Spins Academic Freedom." *Panda's Thumb* posting 13 June (online text at *pandasthumb.org* accessed 6/26/2010).
- . 2005b. "The DI Spins Leonard." *Panda's Thumb* posting 14 July (online text at *pandasthumb.org* accessed 6/26/2010).
- . 2005c. "Desperately Dissing Avida." *Talk Reason* posting (online text at *talkreason.org* accessed 10/27/2005).
- . 2005d. "Bring On the Chiquitas!" *Talk Reason* 7 December posting (online text at *talkreason.org* accessed 12/30/2005).
- . 2007. "The Disco 'Tute's new man." *Panda's Thumb* posting 21 December (online text

- at *pandasthumb.org* accessed 12/26/2007).
- . 2008a. “Cordova rewrites history (again).” *Panda’s Thumb* posting 5 March (online text at *pandasthumb.org* accessed 3/10/2008).
- . 2008b. “Help Louisiana!” *Panda’s Thumb* posting 18 June (online text at *pandasthumb.org* accessed 6/18/2008).
- . 2008c. “Texas Op-Ed: Ain’t no religion here.” *Panda’s Thumb* posting 13 December (online text at *pandasthumb.org* accessed 12/16/2008).
- . 2009c. “Freshwater Day 7: The Investigator.” *Panda’s Thumb* posting 6 January (online text at *pandasthumb.org* accessed 1/7/2009).
- . 2009d. “Freshwater Day 8: Investigator cross, and another former student.” *Panda’s Thumb* posting 8 January (online text at *pandasthumb.org* accessed 1/13/2009).
- . 2009e. “Freshwater Day 9: An Expert Witness and Two Teachers.” *Panda’s Thumb* posting 11 January (online text at *pandasthumb.org* accessed 1/13/2009).
- . 2009f. “Freshwater Day 10: The History of Creationism.” *Panda’s Thumb* posting 12 January (online text at *pandasthumb.org* accessed 1/13/2009).
- . 2009g. “The Freshwater Handouts: The Giraffe.” *Panda’s Thumb* posting 13 January (online text at *pandasthumb.org* accessed 1/13/2009).
- . 2009h. “Freshwater Day 11: Board’s case ends; Freshwater’s begins.” *Panda’s Thumb* posting 15 January (online text at *pandasthumb.org* accessed 1/19/2009).
- . 2009i. “Freshwater Day 12: The Monitor.” *Panda’s Thumb* posting 15 January (online text at *pandasthumb.org* accessed 1/19/2009).
- . 2009j. “Freshwater Day 13: A Parade of Teachers & Staff.” *Panda’s Thumb* posting 17 January (online text at *pandasthumb.org* accessed 1/19/2009).
- . 2009k. “Freshwater Day 14: ‘He taught both sides’ and questioning the text.” *Panda’s Thumb* posting 27 February (online text at *pandasthumb.org* accessed 3/2/2009).
- . 2009l. “Freshwater Day 15: A Teacher Secretly Tapes Administrators.” *Panda’s Thumb* posting 25 March (online text at *pandasthumb.org* accessed 3/25/2009).
- . 2009m. “Freshwater Day 16: Whose Arm?” *Panda’s Thumb* posting 26 March (online text at *pandasthumb.org* accessed 3/26/2009).
- . 2009n. “Freshwater Days 16 and 17.” *Panda’s Thumb* posting 1 April (online text at *pandasthumb.org* accessed 4/2/2009).
- . 2009o. “Freshwater Day 18.” *Panda’s Thumb* posting 10 April (online text at *pandasthumb.org* accessed 4/13/2009).
- . 2009p. “Generals who don’t know the nature of war.” *Panda’s Thumb* posting 25 April (online text at *pandasthumb.org* accessed 4/27/2009).
- . 2009q. “Let me try again....” *Panda’s Thumb* posting 27 April (online text at *pandasthumb.org* accessed 4/28/2009).
- . 2009r. “Freshwater hearing: A witness contradicted by a photo.” *Panda’s Thumb* posting 7 May (online text at *pandasthumb.org* accessed 5/11/2009).
- . 2009s. “But it’s not about religion....” *Panda’s Thumb* posting 28 May (online text at *pandasthumb.org* accessed 5/28/2009).
- . 2009t. “Michael Shermer vs. Eric Hovind.” *Panda’s Thumb* posting 30 May (online text at *pandasthumb.org* accessed 6/1/2009).
- . 2009u. “A bit more hope for Texas kids.” *Panda’s Thumb* posting 2 June (online text at *pandasthumb.org* accessed 6/2/2009).
- . 2009v. “Freshwater brings suit against Board of Education.” *Panda’s Thumb* posting 10 June (online text at *pandasthumb.org* accessed 6/10/2009).
- . 2009w. “Freshwater Update: A last-minute postponement.” *Panda’s Thumb* posting 24 July (online text at *pandasthumb.org* accessed 7/27/2009).
- . 2009x. “(UPDATED) Freshwater Mandamus request filed.” *Panda’s Thumb* posting 6 August (online text at *pandasthumb.org* accessed 8/10/2009).
- . 2009y. “Darwin → Hitler? Naw.” *Panda’s Thumb* posting 10 August (online text at *pandasthumb.org* accessed 9/5/2011).
- . 2009z. “Freshwater: October 28 hearing notes.” *Panda’s Thumb* posting 1 November (online text at *pandasthumb.org* accessed 11/5/2009).

- . 2009aa. “Freshwater: October 29, 2009.” *Panda’s Thumb* posting 2 November (online text at pandasthumb.org accessed 11/5/2009).
- . 2009ab. “Mt. Vernon School Board Election (with results!).” *Panda’s Thumb* posting 2 November (online text at pandasthumb.org accessed 11/5/2009).
- . 2009ac. “Freshwater: October 30, 2009.” *Panda’s Thumb* posting 5 November (online text at pandasthumb.org accessed 11/5/2009).
- . 2009ad. “Stephen Meyer on Bad Biological Designs.” *Panda’s Thumb* posting 1 December (online text at pandasthumb.org accessed 12/4/2009).
- . 2009ae. “Freshwater: Dec 3 & 4, sessions.” *Panda’s Thumb* posting 5 December (online text at pandasthumb.org accessed 12/16/2009).
- . 2009af. “Freshwater: Dec 8, 10, & 11, 2009.” *Panda’s Thumb* posting 12 December (online text at pandasthumb.org accessed 12/16/2009).
- . 2010a. “Freshwater: 2009 (but not the hearing) drags to an end.” *Panda’s Thumb* posting 1 January (online text at pandasthumb.org accessed 1/1/2010).
- . 2010b. “Freshwater: Yet another student and yet another cross.” *Panda’s Thumb* posting 13 January (online text at pandasthumb.org accessed 1/13/2010).
- . 2010c. “Freshwater Day 31: A School Board Member’s Ethics Problem.” *Panda’s Thumb* posting 15 January (online text at pandasthumb.org accessed 1/16/2010).
- . 2010d. “Freshwater: DIY Handwriting Analysis.” *Panda’s Thumb* posting 16 January (online text at pandasthumb.org accessed 1/17/2010).
- . 2010e. “Freshwater: Dumpster diving for docs?” *Panda’s Thumb* posting 7 February (online text at pandasthumb.org accessed 2/14/2010).
- . 2010f. “Freshwater: The police report.” *Panda’s Thumb* posting 8 February (online text at pandasthumb.org accessed 2/14/2010).
- . 2010g. “Freshwater: Only a partial recusal.” *Panda’s Thumb* posting 28 February (online text at pandasthumb.org accessed 2/28/2010).
- . 2010h. “Freshwater: The paranoia grows.” *Panda’s Thumb* posting 22 February (online text at pandasthumb.org accessed 2/26/2010).
- . 2010i. “Freshwater: One Board Member recuses herself, another should.” *Panda’s Thumb* posting 24 February (online text at pandasthumb.org accessed 2/26/2010).
- . 2010j. “Pity the poor inverts.” *Panda’s Thumb* posting 14 March (online text at pandasthumb.org accessed 3/19/2010).
- . 2010k. “Failed Prophecies: An ID Anniversary.” *Panda’s Thumb* posting 3 April (online text at pandasthumb.org accessed 4/4/2010).
- . 2010l. “Freshwater: Catching Up.” *Panda’s Thumb* posting 7 April (online text at pandasthumb.org accessed 4/10/2010).
- . 2010m. “R. Kelly Hamilton, meet George Orwell.” *Panda’s Thumb* posting 14 April (online text at pandasthumb.org accessed 4/15/2010).
- . 2010n. “Two analyses of Meyer’s ‘Signature in the Cell.’” *Panda’s Thumb* posting 24 April (online text at pandasthumb.org accessed 4/25/2010).
- . 2010o. “Freshwater April 29 & 30: Exploiting kids.” *Panda’s Thumb* posting 2 May (online text at pandasthumb.org accessed 5/5/2010).
- . 2010p. “Freshwater: Playing fast and loose with the truth.” *Panda’s Thumb* posting 7 May (online text at pandasthumb.org accessed 5/8/2010).
- . 2010q. “Freshwater: Strong Words for Hamilton from Federal Judge.” *Panda’s Thumb* posting 11 May (online text at pandasthumb.org accessed 5/12/2010).
- . 2010r. “Freshwater Gag Order Issued.” *Panda’s Thumb* posting 30 May (online text at pandasthumb.org accessed 5/31/2010).
- . 2010s. “NSF Center for the Study of Evolution in Action Funded.” *Panda’s Thumb* posting 30 May (online text at pandasthumb.org accessed 5/31/2010).
- . 2010t. “Freshwater: Hearing and Federal Court news.” *Panda’s Thumb* posting 3 June (online text at pandasthumb.org accessed 6/3/2010).
- . 2010u. “Freshwater: Board members, and the black bag.” *Panda’s Thumb* posting 6 June (online text at pandasthumb.org accessed 6/6/2010).
- . 2010v. “Freshwater: Freshwater’s testimony ends.” *Panda’s Thumb* posting 10 June

- (online text at *pandasthumb.org* accessed 6/10/2010).
- . 2010w. “Freshwater: The defense rests.” *Panda’s Thumb* posting 11 June (online text at *pandasthumb.org* accessed 6/11/2010).
- . 2010x. “Freshwater: The Board’s rebuttal case.” *Panda’s Thumb* posting 13 June (online text at *pandasthumb.org* accessed 6/13/2010).
- . 2010y. “Freshwater: Movement toward a settlement?” *Panda’s Thumb* posting 18 June (online text at *pandasthumb.org* accessed 6/19/2010).
- . 2010z. “Freshwater: Hearing testimony ends!” *Panda’s Thumb* posting 23 June (online text at *pandasthumb.org* accessed 6/23/2010).
- . 2010aa. “Freshwater: Verrrry Interesting.” *Panda’s Thumb* posting 25 June (online text at *pandasthumb.org* accessed 6/26/2010).
- . 2010ab. “Freshwater: Unresponsive responses.” *Panda’s Thumb* posting 14 July (online text at *pandasthumb.org* accessed 7/14/2010).
- . 2010ac. “Freshwater: Oral arguments on sanctions reconsideration.” *Panda’s Thumb* posting 30 July (online text at *pandasthumb.org* accessed 7/31/2010).
- . 2010ad. “Freshwater: More sanctions coming against Hamilton?” *Panda’s Thumb* posting 25 August (online text at *pandasthumb.org* accessed 8/27/2010).
- . 2010ae. “The casual assumption of privilege.” *Panda’s Thumb* posting 30 August (online text at *pandasthumb.org* accessed 8/30/2010).
- . 2010af. “Freshwater: Same song, second verse.” *Panda’s Thumb* posting 31 August (online text at *pandasthumb.org* accessed 9/1/2010).
- . 2010ag. “Freshwater: A Christian Conspiracy Theory.” *Panda’s Thumb* posting 17 September (online text at *pandasthumb.org* accessed 9/19/2010).
- . 2010ah. “Freshwater: The defense goes fishing.” *Panda’s Thumb* posting 18 October (online text at *pandasthumb.org* accessed 10/18/2010).
- . 2010ai. “The Disco ‘Tute runs a bait and switch on BioLogos.” *Panda’s Thumb* posting 29 October (online text at *pandasthumb.org* accessed 10/29/2010).
- . 2010aj. “An ID anniversary missed.” *Panda’s Thumb* posting 31 October (online text at *pandasthumb.org* accessed 11/5/2010).
- . 2010ak. “Freshwater: Court approves settlement.” *Panda’s Thumb* posting 30 November (online text at *pandasthumb.org* accessed 11/30/2010).
- . 2011a. “Freshwater: Summary of the referee’s recommendation.” *Panda’s Thumb* posting 8 January (online text at *pandasthumb.org* accessed 1/8/2011).
- . 2011b. “Freshwater: Terminated.” *Panda’s Thumb* posting 10 January (online text at *pandasthumb.org* accessed 1/10/2011).
- . 2011c. “Freshwater: The termination resolution.” *Panda’s Thumb* posting 11 January (online text at *pandasthumb.org* accessed 1/11/2011).
- . 2011d. “Gene duplication enables a novel function to evolve.” *Panda’s Thumb* posting 14 January (online text at *pandasthumb.org* accessed 1/27/2011).
- . 2011e. “Casey Luskin thinks normal scientific explanations are ‘just so’ stories.” *Panda’s Thumb* posting 27 January (online text at *pandasthumb.org* accessed 1/27/2011).
- . 2011f. “Freshwater files Notice of Appeal (Updated already!).” *Panda’s Thumb* posting 10 February (online text at *pandasthumb.org* accessed 2/13/2011).
- . 2011g. “Freshwater: Rutherford Institute joins the case.” *Panda’s Thumb* posting 11 April (online text at *pandasthumb.org* accessed 4/11/2011).
- . 2011h. “We get mail.” *Panda’s Thumb* posting 10 June (online text at *pandasthumb.org* accessed 6/11/2011).
- . 2011i. “Freshwater: A Sad Footnote.” *Panda’s Thumb* posting 25 July (online text at *pandasthumb.org* accessed 8/3/2011).
- . 2011j. “Mt. Vernon: An open letter to a school board candidate.” *Panda’s Thumb* posting 4 November (online text at *pandasthumb.org* accessed 11/5/2011).
- . 2011k. “Freshwater: He taught ‘robust evolution’.” *Panda’s Thumb* posting 7 December (online text at *pandasthumb.org* accessed 12/17/2011).
- . 2011l. “Nothing new under the sun?” *Panda’s Thumb* posting 27 December (online text at *pandasthumb.org* accessed 12/28/2011).

- . 2012a. “Freshwater: The main briefs in the appeal.” *Panda’s Thumb* posting 20 January (online text at pandasthumb.org accessed 1/28/2012).
- . 2012b. “Dover Comes to Ohio.” *Reports of the National Center for Science Education* **32** (January-February): 2.1-2.9.
- . 2012c. “A purge of commentators at Uncommon Dissent (Oops, make that ‘Descent’).” *Panda’s Thumb* posting 15 February (online text at pandasthumb.org accessed 2/16/2012).
- . 2012d. “Freshwater: Appeal denied.” *Panda’s Thumb* posting 5 March (online text at pandasthumb.org accessed 3/10/2012).
- . 2012e. “The ‘Cornell’ conference’s ancestor?” *Panda’s Thumb* posting 9 March (online text at pandasthumb.org accessed 3/10/2012).
- . 2012f. “The disappearing Disco ‘Tute.” *Panda’s Thumb* posting 18 March (online text at pandasthumb.org accessed 3/19/2012).
- . 2012g. “Behe’s (malevolent) intelligent designer is still at work.” *Panda’s Thumb* posting 7 April (online text at pandasthumb.org accessed 4/7/2012).
- . 2012h. “Freshwater: Appeal to the Ohio Supreme Court.” *Panda’s Thumb* posting 13 April (online text at pandasthumb.org accessed 4/14/2012).
- . 2012i. “Freshwater: Misrepresenting the case.” *Panda’s Thumb* posting 21 April (online text at pandasthumb.org accessed 4/23/2012).
- . 2012j. “Wright State U., you’re doin’ it wrong.” *Panda’s Thumb* posting 17 June (online text at pandasthumb.org accessed 6/20/2012).
- . 2012k. “Freshwater: Ohio Supreme Court accepts F’water’s appeal on two Propositions of Law.” *Panda’s Thumb* posting 5 July (online text at pandasthumb.org accessed 7/5/2012).
- . 2012l. “Freshwater: No clear indication?” *Panda’s Thumb* posting 13 July (online text at pandasthumb.org accessed 7/14/2012).
- . 2012m. “Still more fun: Douglas Axe’s Crocoduck.” *Panda’s Thumb* posting 20 July (online text at pandasthumb.org accessed 7/20/2012).
- . 2012n. “Freshwater: His Ohio Supreme Court Merit Brief filed.” *Panda’s Thumb* posting 27 August (online text at pandasthumb.org accessed 8/28/2012).
- . 2012o. “Freshwater: The big guns come out.” *Panda’s Thumb* posting 5 October (online text at pandasthumb.org accessed 10/6/2012).
- . 2012p. “Freshwater: His Reply Brief.” *Panda’s Thumb* posting 24 October (online text at pandasthumb.org accessed 10/25/2012).
- . 2012q. “Evolving a new function via gene duplication and divergence.” *Panda’s Thumb* posting 12 November (online text at pandasthumb.org accessed 11/13/2012).
- . 2012r. “The Disco ‘Tute’s fake laboratory.” *Panda’s Thumb* posting 18 December (online text at pandasthumb.org accessed 12/19/2012).
- . 2012s. “Is homoplasmy hidden from on-specialists?” *Panda’s Thumb* posting 24 December (online text at pandasthumb.org accessed 12/24/2012).
- . 2013a. “Freshwater: Remarks on the oral arguments.” *Panda’s Thumb* posting 1 March (online text at pandasthumb.org accessed 3/1/2013).
- . 2013b. “William Dembski’s ‘Catalog of Fundamental Facts’.” *Panda’s Thumb* posting 12 April (online text at pandasthumb.org accessed 4/14/2013).
- . 2013c. “Freshwater: Advising Springboro creationists?” *Panda’s Thumb* posting 9 August (online text at pandasthumb.org accessed 8/9/2013).
- . 2013d. “Stephen Meyer: workin’ in the quote mines.” *Panda’s Thumb* posting 19 August (online text at pandasthumb.org accessed 8/20/2013).
- . 2013e. “Discovery Institute still spinning Bryan Leonard.” *Panda’s Thumb* posting 13 September (online text at pandasthumb.org accessed 9/17/2013).
- . 2013f. “Creationists sue Kansas over Next Generation Science Standards.” *Panda’s Thumb* posting 27 September (online text at pandasthumb.org accessed 9/30/2013).
- . 2013g. “Freshwater: Ohio Supreme Court Affirms his termination.” *Panda’s Thumb* posting 19 November (online text at pandasthumb.org accessed 11/19/2013).
- . 2014. “Once again, desperately dissing Avida.” *Panda’s Thumb* posting 14 April (online text at pandasthumb.org accessed 4/14/2014).

- Hoppenrath, Mona, Tsvetan R. Bachvaroff, Sara M. Handy, Charles F. Delwiche, & Brian S. Leander.** 2009. "Molecular phylogeny of ocelloid-bearing dinoflagellates (Warnowiaceae) as inferred from SSU and LSU rDNA sequences." *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (25 May): 116.
- Hopson, James A.** 1977. "Relative Brain Size and Behavior in Archosaurian Reptiles." *Annual Review of Ecology and Systematics* **8**: 429-448.
- . 1987. "The Mammal-like Reptiles: A study of transitional fossils." *The American Biology Teacher* **49** (January): 16-26.
- . 1995. "Patterns of evolution in the manus and pes of non-mammalian therapsids." *Journal of Vertebrate Paleontology* **15** (September): 615-639.
- Hopson, James A., & James W. Kitching.** 2001. "A probainognathian cynodont from South Africa and the phylogeny of nonmammalian cynodonts." *Bulletin of the Museum of Comparative Zoology* **156** (October): 5-35.
- Hopson, James A., & Hans-Dieter Sues.** 2006. "A traversodont cynodont from the Middle Triassic (Ladinian) of Baden-Württemberg (Germany)." *Paläontologische Zeitschrift* **80** (2): 124-129.
- Hopwood, Nick.** 2006. "Pictures of Evolution and Charges of Fraud: Ernst Haeckel's Embryological Illustrations." *Isis* **97** (June): 260-301.
- Hoquet, Thierry,** ed. 2015. *Current Perspectives on Sexual Selection*. New York: Springer.
- Hor, Hyun, & Meddi Tafti.** 2009. "How Much Sleep Do We Need?" *Science* **325** (14 August): 825-826.
- Hordijk, Wim.** 2015. "The Living Set." *The Scientist* posting 1 June (online text at *the-scientist.com* accessed 6/3/2015).
- Hore, Mike.** 2014. "Lunar Recession." *Old Earth Ministries Creation Science Issues* 7 July posting (online text at *www.oldearth.org* accessed 7/13/2015).
- Hore, P. J.** 2012. "Are biochemical reactions affected by weak magnetic fields?" *Proceedings of the National Academy of Sciences* **109** (31 January): 1357-1358.
- Horenstein, Sidney.** 2009. "The 'Popular Press' Responds to Charles Darwin, *The Origin of Species* and His Other Works." *Evolution: Education & Outreach* **2** (March): 107-116.
- Horgan, John.** 1991. "In the Beginning." *Scientific American* **264** (February): 116-125.
- . 1992. "The New Challenges." *Scientific American* **267** (December): 16-17, 20, 22.
- . 1994. "Can Science Explain Consciousness?" *Scientific American* **271** (July): 88-94.
- . 1995. "The New Social Darwinists." *Scientific American* **273** (October): 174-181.
- . 1996a. "Bill Gates's Apocryphal History." *Scientific American* **274** (February): 32.
- . 1996b. *The End of Science: Facing the Limits of Knowledge in the Twilight of the Scientific Age*. Reading, MA: Helix Books (Addison-Wesley Publishing Co).
- . 1997. "Which Came First?" *Scientific American* **276** (February): 16, 18, 22.
- . 1999. *The Undiscovered Mind: How the Human Brain Defies Replication, Medication, and Explanation*. New York: The Free Press.
- . 2003. *Rational Mysticism: Dispatches from the Border Between Science and Spirituality*. Boston: Houghton Mifflin Company.
- . 2006. "The Templeton Foundation: A Skeptic's Take." *EDGE* 4 April posting (online text accessed 5/20/2016 at *edge.org*).
- . 2010a. "Quitting the hominid fight club: The evidence is flimsy for innate chimpanzee—let alone human--warfare." *Cross-Check* blog for 29 June (online text at *blogs.scientificamerican.com* accessed 12/10/2014).
- . 2010b. "Dear Scientists: Please Stop Bashing Free Will!" *Religion Dispatches* 8 December posting (online text at *religiondispatches.org* accessed 12/9/2010).
- . 2011. "Pssst! Don't tell the creationists, but scientists don't have a clue how life began." *Cross-Check* blog for 28 February (online text at *blogs.scientificamerican.com* accessed 2/27/2013).
- . 2015a. "Preaching to the Converted." *The Wall Street Journal* posting 29 May: online text accessed 6/15/2015 (*online.wsj.com*).
- . 2015b. "Book by Biologist Jerry Coyne Goes Too Far Denouncing Religion, Defending

- Science.” *Cross-Check* blog for 1 June (online text at *blogs.scientificamerican.com* accessed 6/15/2015).
- . 2016a. “Dear ‘Skeptics,’ Bash Homeopathy and Bigfoot Less, Mammograms and War More.” *Cross-Check* blog for 16 May (online text at *blogs.scientificamerican.com* accessed 5/20/2016).
- . 2016b. “Meta-Skepticism: Update on the Skepticism Debate.” *Cross-Check* blog for 19 May (online text at *blogs.scientificamerican.com* accessed 5/20/2016).
- Hörhold, M. W., T. Laepple, J. Freitag, M. Bigler, H. Fischer, & S. Kipfstuhl.** 2012. “On the impact of impurities on the densification of poilar firn.” *Earth and Planetary Science Letters* **325-326** (1 April): 93-99.
- Hori, K., & J. Wicht.** 2013. “Subcritical dynamos in the early Mars’ core: Implications for cessation of the past Martian dynamo.” *Physics of the Earth and Planetary Interiors* **219** (June): 21-33.
- Hori, Koichi, Fumito Maruyama, Takatomo Fujisawa, Tomoaki Togashi, Nozomi Yamamoto, Mitsunori Seo, Syusei Sato, Takuji Yamada, Hiroshi Mori, Naoyuki Tajima, Takashi Moriyama, Masahiko Ikeuchi, Mai Watanabe, Hajime Wada, Koichi Kobayashi, Masakazu Saito, Tatsura Masuda, Yuko Sasaki-Sekimoto, Kiyoshi Mashiguchi, Koichiro Awai, Mie Shimojima, Shinji Masuda, Masako Iwai, Takashi Nobusawa, Takafumi Narise, Satoshi Kondo, Hikaru Saito, Ryoichi Sato, Masato Murakawa, Yuta Ihara, Yui Oshima-Yamada, Kinuka Ohtaka, Masanori Satoh, Kohei Sonobe, Midori Ishii, Ryosuke Ohtani, Miyu Kanamori-Sato, Rina Honoki, Daichi Miyazaki, Hitoshi Mochizuki, Jumpei Umetsu, Kouichi Higashi, Daisuke Shibata, Yuji Kamiya, Naoki Sato, Yasukazu Nakamura, Satoshi Tabata, Shigeru Ida, Ken Kurokawa, & Hiroyuki Ohta.** 2014. “*Klebsormidium flaccidum* genome reveals primary factors for plant terrestrial adaptation.” *Nature Communications* (online @ nature.com) **5** (28 May): 3978.
- Horie, Masayuki, Tomoyuki Honda, Yoshiyuki Suzuki, Yuki Kobayashi, Takuji Daito, Tatsuo Oshida, Kazuyoshi Ikuta, Patric Jern, Takashi Gojobori, John M. Coffin, & Keizo Tomonaga.** 2010. “Endogenous non-retroviral RNA virus elements in mammalian genomes.” *Nature* **463** (7 January): 84-87.
- Horie, Takahiro, Koh Ono, Masahito Horiguchi, Hitoo Nishi, Tomoyuki Nakamura, Kazuya Nagao, Minako Kinoshita, Yasuhide Kuwabara, Hiroyuki Marusawa, Yoshitaka Iwanaga, Koji Hasegawa, Masayuki Yokode, Takeshi Kimura, & Toru Kita.** 2010. “MicroRNA-33 encoded by an intron of sterol regulatory element-binding protein 2 (*Srebp2*) regulates HDL in vivo.” *Proceedings of the National Academy of Sciences* **107** (5 October): 17321-17326.
- Horiike, Tokumasa, Kazuo Hamada, & Takao Shinozawa.** 2002. “Origin of Eukaryotic Cell Nuclei by Symbiosis of Archaea in Bacteria supported by the newly clarified origin of functional genes.” *Genes & Genetic Systems (AKA Japanese Journal of Genetics)* **77**: 369-376.
- Horikawa, T., M. Tamaki, Y. Miyawaki, & Y. Kamitani.** 2013. “Neural Decoding of Visual Imagery During Sleep.” *Science* **340** (3 May): 639-642.
- Horita, Juske, & Michael E. Berndt.** 1999. “Abiogenic Methane Formation and Isotopic Fractionation Under Hydrothermal Conditions.” *Science* **286** (13 August): 1055-1057.
- Hormozdiari, Fereydoun, Miriam K. Konkel, Javier Prado-Martinez, Giorgia Chiatante, Irene Hernando Herraes, Jerilyn A. Walker, Benjamin Nelson, Can Alkan, Peter H. Sudmant, John Huddleston, Claudia R. Catacchio, Arthur Ko, Maika Malig, Carl Baker, Great Ape Genome Project, Tomas Marques-Bonet, Mario Ventura, Mark A. Batzer, & Evan E. Eichler.** 2013. “Rates and patterns of great ape retrotransposition.” *Proceedings of the National Academy of Sciences* **110** (13 August): 13457-13462.
- Horn, Cameron.** 1997a. “Unanswered Questions of the Plimer/Roberts Court Case.” *Creation Ministries International* 29 December posting (online text at *creation.com* accessed 12/22/2011).
- . 1997b. “Who really sunk the Noah’s Ark site?” *Creation Ministries International* 29 December posting (online text at *creation.com* accessed 12/22/2011).

- Horn, Erik F. Y., & Andrew W. Murray.** 2014. “Niche engineering demonstrates a latent capacity for fungal-algal mutualism.” *Science* **345** (4 July): 94-98.
- Horn, Matthias, Astrid Collingro, Stephan Schmitz-Esser, Cora L. Beier, Ulrike Purkhold, Berthold Fartmann, Petra Brandt, Gerald J. Nyakatura, Marcus Droege, Dmitrij Frishman, Thomas Rattei, Hans-Werner Mewes, & Michael Wagner.** 2004. “Illuminating the Evolutionary History of Chlamydiae.” *Science* **304** (30 April): 728-730.
- Horn, Steve.** 2013. “Three States Pushing ALEC Bill To Require Teaching Climate Change Denial In Schools.” *Daily Kos* 31 January posting (online text at www.dailykos.com accessed 2/3/2013).
- Horn, Susanne, Walter Durka, Ronny Wolf, Aslak Ermala, Annegret Stubbe, Michael Stubbe, & Michael Hofreiter.** 2011. “Mitochondrial Genomes Reveal Slow Rates of Molecular Evolution and the Timing of Speciation in Beavers (*Castor*), One of the Largest Rodent Species.” *PLoS ONE* (online @ plosone.org) **6** (January): e14622.
- Horn, Thomas R.** 2007a. “Does God have an emergency preparedness plan?” *McAlvany Intelligence Advisor* 28 March posting (online text at mcalvanyintelligenceadvisor.com accessed 10/1/2013).
- . 2007b. “Did Ancient Biotechnology Create ‘Nephilim’?” *News With Views* 23 May posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013a. “Exo-Vaticana, Part 1.” *News With Views* 1 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013b. “Exo-Vaticana, Part 2.” *News With Views* 5 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013c. “Exo-Vaticana, Part 3.” *News With Views* 10 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013d. “Exo-Vaticana, Part 4.” *News With Views* 13 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013e. “Exo-Vaticana, Part 5.” *News With Views* 20 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013f. “Exo-Vaticana, Part 6.” *News With Views* 23 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013g. “Exo-Vaticana, Part 7.” *News With Views* 23 January posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013h. “Exo-Vaticana, Part 8.” *News With Views* 5 February posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013i. “Exo-Vaticana, Part 9.” *News With Views* 16 February posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013j. “Exo-Vaticana, Part 10.” *News With Views* 22 February posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013k. “Exo-Vaticana, Part 11.” *News With Views* 27 February posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013l. “Exo-Vaticana, Part 12.” *News With Views* 3 March posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013m. “Exo-Vaticana, Part 13.” *News With Views* 12 March posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013n. “Exo-Vaticana, Part 14.” *News With Views* 17 March posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013o. “Exo-Vaticana, Part 15.” *News With Views* 20 March posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013p. “Exo-Vaticana, Part 16.” *News With Views* 27 March posting (online text at www.newswithviews.com accessed 5/27/2013).
- . 2013q. “Exo-Vaticana, Part 17.” *News With Views* 13 April posting (online text at www.newswithviews.com accessed 5/27/2013).
- Hornaday, Ann.** 2009. “Basest Instinct: Case of the Zoo Pygmy Exhibited a Familiar Face of Human Nature.” *The Washington Post* posting 3 January: online text accessed 3/24/2013 (www.washingtonpost.com).

- . 2014. “Confessions of a Christian film critic.” *The Washington Post* posting 11 April: online text accessed 4/23/2014 (www.washingtonpost.com).
- Horneck, Gerda, Petra Rettberg, Günther Reitz, Jörg Wehner, Ute Eschweiler, Karsten Strauch, Corinna Panitz, Verena Starke, & Christa Baumstark-Khan.** 2001. “Protection of Bacterial Spores in Space, a Contribution to the Discussion on Panspermia.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **31** (December): 527-547.
- Horner, John R., & Mark B. Goodwin.** 2009. “Extreme Cranial Ontogeny in the Upper Cretaceous Dinosaur *Pachycephalosaurius*.” *PLoS ONE* (online @ plosone.org) **4** (October): e7626.
- Horner, John R., & James Gorman.** 1988. *Digging Dinosaurs*. New York: Workman Publishing.
- Horner, John R., & Kevin Padian.** 2004. “Age and growth dynamics of *Tyrannosaurus rex*.” *Proceedings of the Royal Society of London B* (Biological Sciences) **271** (22 September): 1875-1880.
- Horner, John R., Kevin Padian, & Armand de Ricqlès.** 2005. “How Dinosaurs Grew So Large—and So Small.” *Scientific American* **293** (July): 56-63.
- Horner, John R., David J. Varricchio, & Mark B. Goodwin.** 1992. “Marine transgressions and the evolution of Cretaceous dinosaurs.” *Nature* **358** (12 July): 59-61.
- Horner, Victoria, J. Devyn Carter, Malini Suchak, & Frans B. M. de Waal.** 2011a. “Spontaneous prosocial choice by chimpanzees.” *Proceedings of the National Academy of Sciences* **108** (16 August): 13847-13851.
- . 2011b. “Reply to Skoyles: Misplaced assumptions of perfect human prosociality.” *Proceedings of the National Academy of Sciences* **108** (18 October): E836.
- Hornett, Emily A., Anne M. R. Duploux, Neil Davies, George K. Roderick, Nina Wedell, Gregory D. D. Hurst, & Sylvain Charlat.** 2008. “You Can’t Keep a Good Parasite Down: Evolution of a Male-Killer Suppressor Uncovers Cytoplasmic Incompatibility.” *Evolution* **62** (May): 1258-1263.
- Hornett, Emily A., Bruce Moran, Louise A. Reynolds, Sylvain Charlat, Samuel Tazzyman, Nina Wedell, Chris D. Jiggins, & Greg D. D. Hurst.** 2014. “The Evolution of Sex Ratio Distorter Suppression Affects a 25 cM Genomic Region in the Butterfly *Hypolimnas bolina*.” *PLoS Genetics* (online @ plosgenetics.org) **10** (December): e1004822.
- Horning, David P., & Gerald F. Joyce.** 2016. “Amplification of RNA by an RNA polymerase ribozyme.” *Proceedings of the National Academy of Sciences* **113** (30 August): 9786-9791.
- Hörnschemeyer, Thomas, Joachim T. Haug, Olivier Bethoux, Rolf G. Beutel, Sylvain Charbonnier, Thomas A. Hegna, Markus Koch, Jes Rust, Sonja Wedmann, Sven Bradler, & Rainer Willmann.** 2013. “Is *Strudiella* a Devonian insect?” *Nature* **494** (21 February): E3-E4.
- Horodyski, Robert J.** 1993. “Paleontology of proterozoic shales and mudstones: examples from the Belt supergroup, Chuar group and Pahrup group, western USA.” *Precambrian Research* **61** (March): 241-278.
- Horodyski, Robert J., & L. Paul Knauth.** 1994. “Life on Land in the Precambrian.” *Science* **263** (28 January): 494-498.
- Horovitz, Inés, & Ross D. E. MacPhee.** 1999. “The quarternary Cuban platyrrhine *Paralouatta varonai* and the origin of Antillean monkeys.” *Journal of Human Evolution* **36** (January): 33-68.
- Horovitz, Inés, Thomas Martin, Jonathan Bloch, Sandrine Ladevèze, Cornelia Kurz, & Marcelo R. Sánchez-Villagra.** 2009. “Cranial Anatomy of the Earliest Marsupials and the Origin of Opossums.” *PLoS ONE* (online @ plosone.org) **4** (December): e8278.
- Horovitz, Silvina G., Allen R. Braun, Walter S. Carr, Dante Picchioni, Thomas J. Balkin, Masaki Fukunaga, & Jeff H. Duyn.** 2009. “Decoupling of the brain’s default mode network during deep sleep.” *Proceedings of the National Academy of Sciences* **106** (7 July): 11376-11381.
- Horowitz, Alana.** 2012. “Paul Broun: Evolution, Big Bang ‘Lies Straight From The Pit Of

- Hell’.” *Huffington Post* posting 6 October (online text at *huffingtonpost.com* accessed 10/6/2012).
- Horowitz, Alexandra.** 2009. “Disambiguating the ‘guilty look’: Salient prompts to a familiar dog behaviour.” *Behavioural Processes* **81** (July): 447-452.
- Horowitz, Eric D., Aaron E. Engelhart, Michael C. Chen, Kaycee A. Quarles, Michael W. Smith, David G. Lynn, & Nicholas V. Hud.** 2010. “Intercalation as a means to suppress cyclization and promote polymerization of base-pairing oligonucleotides in a prebiotic world.” *Proceedings of the National Academy of Sciences* **107** (23 March): 5288-5293.
- Horowitz, Jason.** 2011. “Grover Norquist, the anti-tax enforcer behind the scenes of the debt debate.” *The Washington Post* posting 12 July: online text accessed 11/23/2011 (*www.washingtonpost.com*).
- Horowitz, Mark.** 2013. “The Myth of Jewish Hollywood’s Collaboration With the Nazis.” *Tablet* 20 December posting (online text at *www.tabletmag.com* accessed 5/29/2014).
- Horowitz, Mark, William Yaworsky, & Kenneth Kickham.** 2014. “Whither the Blank Slate? A Report on the Reception of Evolutionary Biological Ideas among Sociological Theorists.” *Mid-South Sociological Association Sociological Spectrum* **34** (6): 489-509.
- Horowitz, Seth S.** 2012. *The Universal Sense: How Hearing Shapes the Mind*. New York: Bloomsbury.
- Horscroft, James A., Aleksandra O. Kotwica, Verena Laner, James A. West, Philip J. Hennis, Denny Z. H. Levett, David J. Howard, Bernadette O. Fernandez, Sarah L. Burgess, Zsuzsanna Ament, Edward T. Gilbert-Kawai, André Vercueil, Blaine D. Landis, Kay Mitchell, Monty G. Mythen, Cristina Branco, Randall S. Johnson, Martin Feelisch, Hugh E. Montgomery, Julian L. Griffin, Michael P. W. Grocott, Erich Gnaiger, Daniel S. Martin, & Andrew J. Murray.** 2017. “Metabolic basis to Sherpa altitude adaptation.” *Proceedings of the National Academy of Sciences* **114** (13 June): 6382-6387.
- Horst, Roland, & Annie Bukacek.** 2011. “Why we won’t be donating to the GOP.” *PolyMontana* 7 June posting (online text at *polymontana.com* accessed 11/5/2011).
- Hörst, S. M., R. V. Yelle, A. Buch, N. Carrasco, G. Cernogora, O. Dutuit, E. Quirico, E. Sciamma-O’Brien, M. A. Smith, A. Somogyi, C. Szopa, R. Thissen, & V. Vuitton.** 2012. “Formation of Amino Acids and Nucleotide Bases in a Titan Atmosphere Simulation Experiment.” *Astrobiology* **12** (September): 809-817.
- Horstemeyer, Mark F., & John P. Baumgardner.** 2003. “What Initiated the Flood Cataclysm?” *Creation Science Fellowship Fifth International Conference on Creationism* paper (online text at *www.icr.org* accessed 5/10/2011).
- Horsthemke, B., & K. Buiting.** 2006. “Imprinting defects on human chromosome 15.” *Cytogenetic and Genome Research (AKA Cytogenetics and Cell Genetics)* **113** (March): 292-299.
- Horton, Amy C., & Jeremy J. Gibson-Brown.** 2002. “Evolution of Developmental Functions by the *Eomesodermin*, *T-brain-1*, *Tbx21* Subfamily of T-box genes: Insights from *Amphioxus*.” *Journal of Experimental Zoology* **294** (15 August): 112-121.
- Horton, Amy C., Navin R. Mahadevan, Carolina Minguillon, Kazutoyo Osoegawa, Daniel S. Rokhsar, Ilya Ruvinsky, Pieter J. de Jong, Malcolm P. Logan, & Jeremy J. Gibson-Brown.** 2008. “Conservation of linkage and evolution of developmental function within the *Tbx2/3/4/5* subfamily of T-box genes: implications for the origin of vertebrate limbs.” *Development Genes and Evolution* **218** (December): 613-628.
- Horvat, John II.** 2007. “Beyond Pro-Life: Fighting the Whole Cultural War.” *Crusade* (November/December): 7-9.
- Horvath, Alan.** 2014. “Acoustic Rock ... For Real.” *Alan Horvath* undated posting (online text at *www.alanhorvath.com/* accessed 3/16/2015).
- Horvath, Julie E., Jeffrey A. Bailey, Devin P. Locke, & Evan E. Eichler.** 2001. “Lessons from the human genome: transitions between euchromatin and heterochromatin.” *Human Molecular Genetics* **20** (October): 2215-2223.
- Horvath, Julie E., Cassandra L. Gulden, Rhea U. Vallente, Marla Y. Eichler, Mario**

- Ventura, John D. McPherson, Tina A. Graves, Richard K. Wilson, Stuart Schwartz, Mariano Rocchi, & Evan E. Eichler. 2005. "Punctuated duplication seeding events during the evolution of human chromosome 2p11." *Genome Research* **15** (July): 914-927.
- Horvath, Julie E., Christina B. Sheedy, Stephanie L. Merrett, Abdoulaye Banire Diallo, David L. Swofford, NISC Comparative Sequencing Program, Eric D. Green, & Huntington F. Willard. 2011. "Comparative analysis of the primate X-inactivation center region and reconstruction of the ancestral primate *XIST* locus." *Genome Research* **21** (June): 850-862.
- Horvath, Julie E., David W. Weisrock, Stephanie L. Embry, Isabella Fiorentino, James P. Balhoff, Peter Kappeler, Gregory A. Wray, Huntington F. Willard, & Anne D. Yoder. 2008. "Development and application of a phylogenomic toolkit: Resolving the evolutionary history of Madagascar's lemurs." *Genome Research* **18** (March): 489-499.
- Horwitz, Gregory D., & Edward M. Callaway. 2004. "Antisense inhibition of reward learning." *Nature Neuroscience* **7** (October): 1023-1024.
- Horwitz, Paul, Cynthia A. McIntyre, Trudilene L. Lord, Laura M. O'Dwyer, & Carolyn Staudt. 2013. "Teaching 'Evolution readiness' to fourth graders." *Evolution: Education & Outreach* (online @ evolution-outreach.com) **6**: 21.
- Hos. 2012. "How Religion Corrupts Minds and Undercuts Science." *Secular Perspectives* 14 May posting (online text at secularhumanist.blogspot.com accessed 5/21/2012).
- Hosaka, Kentaro, Scott T. Bates, Ross E. Beever, Michael A. Castellano, Wesley Colgan III, Laura S. Domínguez, Eduardo R. Nouhra, József Geml, Admir J. Giachini, S. Ray Kenney, Nicholas B. Simpson, Joseph W. Spatafora, & James M. Trappe. 2006. "Molecular phylogenetics of the gomphoid-phalloid fungi with an establishment of the new subclass Phallomycetidae and two new orders." *Mycologia* **98** (November/December): 949-959.
- Hoschek, G. 1967. "Untersuchungen zum Stabilitätsbereich von Chloritoid und Staurolith." *Contributions to Mineralogy and Petrology* **14** (2): 123-162.
- . 1969. "The stability of staurolite and chloritoid and their significance in metamorphism of polytic rocks." *Contributions to Mineralogy and Petrology* **22** (3): 208-232.
- Hoskin, William 1997. "Sedimentation Experiments: Is Extrapolation Appropriate?" *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **11** (1): 61-64.
- Hoskins, Aaron A., Larry J. Friedman, Sarah S. Gallagher, Daniel J. Crawford, Eric G. Anderson, Richard Wombacher, Nicholas Ramirez, Virginia W. Cornish, Jeff Gelles, & Melissa J. Moore. 2011. "Ordered and Dynamic Assembly of Single Spliceosomes." *Science* **331** (11 March): 1289-1295.
- Hoskins, Matt. 2014. "Top Five Conservative Candidates." *Senate Conservative Fund Senate Update* 30 January email (online text via ricksantorum.com accessed 2/13/2014).
- Hosler, Jay. 2011. *Evolution: The Story of Life on Earth*. New York: Hill and Wang.
- Hosner, Peter A., Edward L. Braun, & Rebecca T. Kimball. 2015. "Land connectivity changes and global cooling shaped the colonization history and diversification of New World quail (Aves: Galliformes: Odontophoridae)." *Journal of Biogeography* **42** (October): 1883-1895.
- Hosokawa, Takahiro, Ryuichi Koga, Yoshitomo Kikuchi, Xian-Ying Meng, & Takema Fukatsu. 2010. "Wolbachia as a bacteriocyte-associated nutritional mutualist." *Proceedings of the National Academy of Sciences* **107** (12 January): 769-774.
- Hosokawa, Takashi, Kazuyuki Omukai, Naoki Yoshida, & Harold W. Yorke. 2011. "Protostellar Feedback Halts the Growth of the First Stars in the Universe." *Science* **334** (2 December): 1250-1253.
- Hosseinzadeh, Parisa, Nicholas M. Marshall, Kelly N. Chacón, Yang Yu, Mark J. Nilges, Siu Yee New, Stoyan A. Tashkov, Ninian J. Blackburn, & Yi Lu. 2016. "Design of a single protein that spans the entire 2-V range of physiological redox potentials." *Proceedings of the National Academy of Sciences* **113** (12 January): 262-267.
- Hossenfelder, Sabine. 2016. "Free will is dead, let's bury it." *BackRe(Action)* 11 January posting (online text at backreaction.blogspot.com accessed 1/11/2016).

- Hossfeld, Uwe, & Lennart Olsson.** 2013. "The prominent absence of Alfred Russel Wallace at the Darwin anniversaries in Germany in 1909, 1959 and 2009." *Theory in Biosciences* **132** (December): 251-257.
- Hossie, Thomas John, John Skelhorn, Jessie W. Breinholt, Akito Y. Kawahara, & Thomas N. Sherratt.** 2015. "Body size affects the evolution of eyespots in caterpillars." *Proceedings of the National Academy of Sciences* **112** (26 May): 6664-6669.
- Hössjer, Ola, Ann Gauger, & Colin Reeves.** 2016a. "Genetic Modeling of Human History Part 1: Comparison of Common Descent and Unique Origin Approaches." *BIO-Complexity* (online @ bio-complexity.org) **2016** (3): 1-15.
- Hössjer, Ola, Ann Gauger, & Colin Reeves.** 2016b. "Genetic Modeling of Human History Part 2: Unique Origin Algorithm." *BIO-Complexity* (online @ bio-complexity.org) **2016** (4): 1-36.
- Hostetter, Autumn B., Jamie L. Russell, Hani Freeman, & William D. Hopkins.** 2007. "Now you see me, now you don't: evidence that chimpanzees understand the role of the eyes in attention." *Animal Cognition* **10** (January): 55-62.
- Ho-Stuart, Chris.** 2008. "The APS and global warming: What were they thinking?" *Duae Quartunciae* 20 July posting (online text at duoquartuncia.blogspot.com accessed 6/26/2011).
- Hotary, Kevin B., & Kenneth R. Robinson.** 1992. "Evidence of a role for endogenous electrical fields in chick embryo development." *Development* (AKA *Journal of Embryology and Experimental Morphology*) **114** (15 March): 985-996.
- Hotchkiss, Frederick H. C.** 2000. "On the number of rays in starfish." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (June): 340-354.
- Hotz, Peter.** 2017. "The 'Why Vaccines Don't Cause Autism' Papers." *PLOS BLOG* 20 January posting (online text at blogs.plos.org accessed 1/28/2017).
- Hotopp, Julie C. Dunning, Michael E. Clark, Deodoro C. S. G. Oliveira, Jeremy M. Foster, Peter Fischer, Mónica C. Muñoz Torres, Jonathan D. Giebel, Nikhil Kumar, Nadeeza Ishmael, Shiliang Wang, Jessica Ingram, Rahul V. Nene, Jessica Shepard, Jeffrey Tomkins, Stephen Richards, David J. Spiro, Elodie Ghedin, Barton E. Slatko, Hervé Tettelin, & John H. Werren.** 2007. "Widespread Lateral Gene Transfer from Intracellular Bacteria to Multicellular Eukaryotes." *Science* **317** (21 September): 1753-1756.
- Hotz, Lee.** 2009. "Bye Bye Birdie: Famed Fossil Loses Avian Perch." *The Wall Street Journal* posting 23 October: online text accessed 11/20/2014 (online.wsj.com).
- Hou, Baidong, Alicia Benson, Lili Kuzmich, Anthony L. DeFranco, & Felix Yarovinsky.** 2011. "Critical coordination of innate immune defense against *Toxoplasma gondii* by dendritic cells responding via their Toll-like receptors." *Proceedings of the National Academy of Sciences* **108** (4 January): 278-283.
- Hou, Guiting.** 2012. "Mechanism for three types of mafic dyke swarms." *Geoscience Frontiers* **3** (March): 217-223.
- Hou, Jing, Anna Friedrich, Jacky de Montigny, & Joseph Schacherer.** 2014. "Chromosomal Rearrangements as a Major Mechanism in the Onset of Reproductive Isolation in *Saccharomyces cerevisiae*." *Current Biology* **24** (19 May): 1153-1159.
- Hou, Lian-Hai, Pi-Peng Li, Daniel T. Ksepka, Ke-Qin Gao, & Mark A. Norell.** 2010. "Implications of flexible-shelled eggs in a Cretaceous choristoderan reptile." *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 April): 1235-1239.
- Hou, Lianhai, Larry D. Martin, Zhonghe Zhou, & Alan Feduccia.** 1996. "Early Adaptive Radiation of Birds: Evidence from Fossils from Northeastern China." *Science* **274** (15 November): 1164-1167.
- Hou, Lianhai, Larry D. Martin, Zhonghe Zhou, Alan Feduccia, & Fucheng Zhang.** 1999. "A diapsid skull in a new species of the primitive bird *Confuciusornis*." *Nature* **399** (17 June): 679-682.
- Hou, Lian-hai, Zhonghe Zhou, Larry D. Martin, & Alan Feduccia.** 1995. "A beaked bird from the Jurassic of China." *Nature* **377** (19 October): 616-618.

- Hou, Shaobin, Tracey Freitas, Randy W. Larson, Mikhail Piatibratov, Victor Sivozhelezov, Amy Yamamoto, Ella A. Meleshkevitch, Mike Zimmer, George W. Ordal, & Maqsudul Alam.** 2001. "Globin-coupled sensors: A class of hemi-containing sensors in Archaea and Bacteria." *Proceedings of the National Academy of Sciences* **98** (31 July): 9353-9358.
- Hou, Shaobin, Randy W. Larson, Dmitri Boudko, Charles W. Riley, Ece Karatan, Mike Zimmer, George W. Ordal, & Maqsudul Alam.** 2000. "Myoglobin-like aerotaxis transducers in Archaea and Bacteria." *Nature* **403** (3 February): 540-544.
- Hou, Xian-guang, Richard J. Aldridge, David J. Siveter, Derek J. Siveter, Mark Williams, Jan Zalasiewicz, & Xiao-ya Ma.** 2011. "An Early Cambrian Hemichordate Zooid." *Current Biology* **21** (12 April): 612-616.
- Hou, Xian-Guang, & Jan Bergström.** 2003. "The Chengjiang fauna—the oldest preserved animal community." *Paleontological Research* **7** (March): 50-70.
- . 2006. "Dinocaridids: anomalous arthropods or arthropod-like worms?" English trans. of Chinese text, *Originations, Radiations and Biodiversity Changes—evidences from the Chinese fossil record*, eds. Jiayu Rong, Zongjie Fang, Zhanghe Zhou, Renbin Zhao, Xiangdong Wang & Xunlai Yuan (Beijing: Science Press): 139-158 (online pdf at www.museumnacional.ufrj.br, Museo Nacional Rio de Janeiro, accessed 8/6/2014).
- Hou, Xian-guang, Derek J. Siveter, Richard J. Aldridge, & David J. Siveter.** 2008. "Collective Behavior in an Early Cambrian Arthropod." *Science* **322** (10 October): 224.
- Hou, Xian-Guang, George Stanley, Jie Zhao, & Xiao-Ya Ma.** 2005. "Cambrian anemone with preserved soft tissue from the Chengjiang biota, China." *Lethaia* **38** (September): 193-203.
- Hou, Xianguang, Mark Williams, David J. Siveter, Derek J. Siveter, Sarah Gabbott, David Holwell, & Thomas H. P. Harvey.** 2014. "A chancelloriid-like metazoan from the early Cambrian Chengjiang Lagerstätte, China." *Scientific Reports* (online @ www.nature.com/srep/) **4** (9 December): 7340.
- Hou, Zhongge, Boris Sket, Cene Fišer, & Shuqiang Li.** 2011. "Eocene habitat shift from saline to freshwater promoted Tethyan amphipod diversification." *Proceedings of the National Academy of Sciences* **108** (30 August): 14533-14538.
- Hou, Zhuo-Cheng, Kirstin N. Sterner, Roberto Romero, Nandor Gabor Than, Juan M. Gonzalez, Amy Weckle, Jun Xing, Kurt Benirschke, Morris Goodman, & Derek E. Wildman.** 2012. "Elephant Transcriptome Provides Insights into the Evolution of Eutherian Placentation." *Genome Biology and Evolution* **4** (5): 713-725.
- Houde, John F.** 2009. "There's more to speech perception than meets the ear." *Proceedings of the National Academy of Sciences* **106** (1 December): 20139-20140.
- Hough, Jean.** 1952. "Auditory Region in North American Fossil Felidae: Its Significance in Phylogeny." U.S. Department of the Interior *Geological Survey Professional Paper 243-G*: 95-115.
- Hough, Josh, Jesse D. Hollister, Wei Wang, Spencer C. H. Barrett, & Stephen I. Wright.** 2014. "Genetic degeneration of old and young Y chromosomes in the flowering plant *Rumex hastatulus*." *Proceedings of the National Academy of Sciences* **111** (27 May): 7713-7718.
- Hough, L. E., M. Spannuth, M. Nakata, D. A. Coleman, C. D. Jones, G. Dantlgraber, C. Tschierske, J. Watanabe, E. Körblova, D. M. Walba, J. E. Maclennan, M. A. Glaser, & N. A. Clark.** 2009. "Chiral Isotropic Liquids from Achiral Molecules." *Science* **325** (24 July): 452-456.
- Hough, Susan E.** 2007. "Writing on the walls: geological context and early American spiritual beliefs." *Geological Society, London, Special Publications* **286**: 107-115.
- Houk, James.** 2012. "Science is science, not religion." *Baton Rouge Advocate* Letter to the Editor 25 August: online text accessed 1/26/2013 (theadvocate.com).
- Houldcroft, Charlotte J., & Simon J. Underdown.** 2016. "Neanderthal Genomics Suggests a Pleistocene Time Frame for the first Epidemiologic Transition." *American Journal of Physical Anthropology* **160** (July): 379-388.
- Houle, A.** 1999. "The origin of platyrrhines: An evaluation of the Antarctic scenario and the

- floating island model.” *American Journal of Physical Anthropology* **109** (August): 541-559.
- House, Amy E., & Kristen W. Lynch.** 2006. “An exonic splicing silencer represses spliceosome assembly after ATP-dependent exon recognition.” *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **13** (October): 937-944.
- House, Bailey R., Joan B. Silk, Joseph Henrich, H. Clark Barrett, Brooke A. Scelza, Adam H. Boyette, Barry S. Hewlett, Richard McElreath, & Stephen Laurence.** 2013. “Ontogeny of prosocial behavior across diverse societies.” *Proceedings of the National Academy of Sciences* **110** (3 September): 14586-14591.
- House, Christopher H.** 2015. “Pencil in details of the Hadean.” *Proceedings of the National Academy of Sciences* **112** (24 November): 14410-14411.
- House, Christopher H., J. William Schopf, Kevin D. McKeegan, Christopher D. Coath, T. Mark Harrison, & Karl O. Stetter.** 2000. “Carbon isotope composition of individual Precambrian microfossils.” *Geology* **28** (August): 707-710.
- House, H. Wayne,** ed. 2008a. *Intelligent Design 101: Leading Experts Explain the Key Issues*. Grand Rapids, MI: Kregel Publications.
- . 2008b. “Darwinism and the Law,” in House (2008a, 179-214).
- House, P. Kyle, Philip A. Pearthree, & Michael E. Perkins.** 2008. “Stratigraphic evidence for the role of lake spillover in the inception of the lower Colorado River in southern Nevada and western Arizona.” *The Geological Society of America Special Papers* **439**: 335-353.
- House, P. Kyle, Robert H. Webb, Victor R. Baker, & Daniel R. Levish,** eds. 2002. *Ancient Floods, Modern Hazards: Principles and Applications of Paleoflood Hydrology*. Water Science and Application Volume 5. Washington, DC: American Geophysical Union.
- House, Patrick K., Ajai Vyas, & Robert Sapolsky.** 2011. “Predator Cat Odors Activate Sexual Arousal Pathways in Brains of *Toxoplasma gondii* Infected Rats.” *PLoS ONE* (online @ plosone.org) **6** (August): e23277.
- Housley, Norman.** 1995. “The Crusading Movement, 1274-1700,” in *Oxford Illustrated History of the Crusades* (1995, 260-293).
- Houssaye, Alexandra, Paul Tafforeau, Christian de Muizon, & Philip D. Gingerich.** 2015. “Transition of Eocene Whales from Land to Sea: Evidence from Bone Microstructure.” *PLoS ONE* (online @ plosone.org) **10** (February): e0118409.
- Houssaye, Alexandra, Feng Xu, Lukas Helfen, Vivian De Buffrénil, Tilo Baumbach, & Paul Tafforeau.** 2011. “Three-dimensional pelvis and limb anatomy of the Cenomanian hind-limbed snake *Eupodophis descouensi* (Squamata, Ophidia) revealed by synchrotron-radiation computed laminography.” *Journal of Vertebrate Paleontology* **31** (January): 2-7.
- Houston, Alasdair I.** 1997. “Are the spandrels of San Marco really panglossian pendentives?” *Trends in Ecology & Evolution* **12** (March): 125.
- . 2009. “San Marco and evolutionary biology.” *Biology and Philosophy* **24** (March): 215-230.
- Houston, J. R., & R. G. Dean.** 2011. “Sea-Level Acceleration Based on U. S. Tidal Gauges and Extensions of Previous Global-Gauge Analyses.” *Journal of Coastal Research* **27** (3): 409-417.
- Houston, Larry.** 2007. “Chapter Two Biological Basis for Homosexuality.” *Larry Houston 26* May posting (online text at banap.net accessed 7/27/2011).
- Houston Chronicle.* 2003. “‘Intelligent design’ theory debated at hearing.” *Houston Chronicle* Associated Press posting 9 July: online text accessed 7/10/2003 (www.chron.com).
- Hout, James.** 2012. “Projects.” *James Hout Productions* posting (online text at www.jameshout.com accessed 10/15/2012).
- Hout, Michael, Claude Fischer, & Mark A. Chaves.** 2013. “More Americans Have No Religious Preference: Key Finding from the 2012 General Social Survey.” *Institute for the Study of Societal Issues* March UC Berkeley Press Summary (online pdf at issi.berkeley.edu accessed 3/16/2013).
- Houzelstein, Denis, Isabelle R. Gonçalves, Annie Orth, François Bonhomme, & Pierre Netter.** 2008. “*Lgals6*, a 2-Million-Year-Old Gene in Mice: A Case of Positive Darwinian

- Selection and Presence/Absence Polymorphism.” *Genetics* **178** (March): 1533-1545.
- Hovenden, Mark J., Paul C. D. Newton, & Karen E. Wills.** 2014. “Seasonal not annual rainfall determines grassland biomass response to carbon dioxide.” *Nature* **511** (31 July): 583-586.
- Hovers, Erella.** 2015. “Tools go back in time.” *Nature* **521** (21 May): 294-295.
- . 2017. “Unexpectedly early signs of Americans.” *Nature* **544** (27 April): 420-421.
- Hovgaard, William.** 1914. *The Voyages of the Norsemen to America*. New York: The American-Scandinavian Foundation.
- Hovind, Chad.** 2011. “You can Pick Your Friends, But Not Your Family (Chad Hovind and Kent Hovind).” *Beliefnet* September posting (online text at *beliefnet.com* accessed 1/16/2014).
- Hovind, Eric.** 2013a. “Atheist Monument Used As Platform to Preach Gospel.” *Creation Today* 3 July posting (online text at *www.creationtoday.org* accessed 7/23/2013).
- . 2013b. “Evolution Leads to Socialism, Godonomics Leads to Capitalism.” *Creation Today* 15 July posting (online text at *www.creationtoday.org* accessed 8/5/2013).
- Hovind, Kent.** 1991. 25 May Dissertation for Doctor of Philosophy at “Patriot University” (online pdf at *files.wikileaks.org/file/kent-hovind-doctoral-dissertation.pdf* accessed 12/22/2016).
- . 1996. “Unmasking the False Religion of Evolution.” Undated transcript of lecture series (online text at *home1/gte.net/dmadh* accessed 4/5/2002, not available as of 12/5/2009).
- . 1998a. “Part 1a. The Age of the Earth.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1998b. “Part 1b. The Age of the Earth.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999a. “Part 2. The Garden of Eden.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999b. “Part 3a. Dinosaurs and the Bible.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 7 January 2014 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999c. “Part 3b. Dinosaurs Alive Today.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999d. “Part 4a. Lies in the Textbooks.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999e. “Part 4b. More Lies in the Textbooks.” *Dr. Hovind’s Creation Seminars* illustrated 2003 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at *www.wiseoldgoat.com* accessed 1/8/2014).
- . 1999f. *Koinonia House* audio posting of Chuck Missler interview (August) personal transcription.
- . 2000. “A Battle Plan—Practical Steps to Combat Evolution.” *Creation Science Evangelism* undated posting (online text at *www.drdino.com* accessed 1/16/2001).
- . 2001a. “Frequently Asked Questions.” *Creation Science Evangelism* undated question #2 posting (online text at *www.drdino.com* accessed 1/31/2002).
- . 2001b. “Frequently Asked Questions.” *Creation Science Evangelism* undated question #4 posting (online text at *www.drdino.com* accessed 1/31/2002).
- . 2001c. “Frequently Asked Questions.” *Creation Science Evangelism* undated question #8 posting (online text at *www.drdino.com* accessed 1/31/2002).
- . 2001d. “Frequently Asked Questions.” *Creation Science Evangelism* undated question #10 posting (online text at *www.drdino.com* accessed 1/31/2002).
- . 2001e. “Frequently Asked Questions.” *Creation Science Evangelism* undated question

- #11 posting (online text at www.drdino.com accessed 1/31/2002).
- . 2001f. “Frequently Asked Questions.” *Creation Science Evangelism* undated question #12 posting (online text at www.drdino.com accessed 1/31/2002).
- . 2002a. “Dr. Hovind’s \$250,000 Offer.” *Creation Science Evangelism* undated posting (online text at www.drdino.com accessed 7/23/2002).
- . 2002b. “The Possum, the Redwood Tree, and the Kidney Bean: ‘Our Ancestors’.” *Creation Today* 3 August 2010 modified posting of undated original text (online text at www.creationtoday.com accessed 1/8/2014).
- . 2003a. “Part 5a. The Dangers of Evolution.” *Dr. Hovind’s Creation Seminars* illustrated 2005 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at www.wiseoldgoat.com accessed 1/8/2014).
- . 2003b. “Part 5b. The Dangers of Evolution, continued...” *Dr. Hovind’s Creation Seminars* illustrated 2005 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at www.wiseoldgoat.com accessed 1/8/2014).
- . 2003c. “Part 5c. The Dangers of Evolution, continued...” *Dr. Hovind’s Creation Seminars* illustrated 2005 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at www.wiseoldgoat.com accessed 1/8/2014).
- . 2003d. “Part 7a. Questions and Answers Session.” *Dr. Hovind’s Creation Seminars* illustrated 2005 posting of video transcript by **Michel Snoeck** last modified 13 October 2012 (online text at www.wiseoldgoat.com accessed 1/8/2014).
- . 2006. “The Age of the Earth.” *Creationism* posting by Paul Abrahamson of Tennessee Seminar 1a transcript (online text at www.creationism.org accessed 1/8/2014).
- . 2007a. *Are You Being Brainwashed? Propaganda in Science Textbooks*. Pensacola, FL: Creation Science Evangelism.
- . 2007b. *Seminar Notebook: A resource designed to supplement the Creation Seminar Series*. 9th ed. Pensacola, FL: Creation Science Evangelism.
- . 2010. “10 Questions for Evolutionists.” *Creation Today* 29 July posting (online text at www.creationtoday.org accessed 8/17/2014).
- . 2012a. “Points to Ponder About the Flood and Noah’s Ark.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- . 2012b. “Questions for Evolutionists.” *Answers From the Evidence Bible* undated posting (online text at www.evidencebible.com accessed 9/13/2012).
- Hovind, Kent, & Terry Prewitt**. 2002. “CREATION Vs ‘EVOLUTION’ Debate--Dr Kent Hovind vs Terry Prewitt--Let’s Get Ready to Rumble!” *YouTube* 18 August 2015 video posting by **The Vigilant Christian Mario** (online video at www.youtube.com accessed 3/15/2016).
- Hovmöller, Rasmus, Thomas Pape, & Mari Källersjö**. 2002. “The Palaeoptera Problem: Basal Pterygote Phylogeny Inferred from 18S and 28S rDNA Sequences.” *Cladistics* **18** (June): 313-323.
- How, Martin John, John H. Christy, Shelby E. Temple, Jan M. Hemmi, N. Justin Marshall, & Nicholas W. Roberts**. 2015. “Target Detection Is Enhanced by Polarization Vision in a Fiddler Crab.” *Current Biology* **25** (7 December): 3069-3073.
- How, Martin J., & Johannes M. Zanker**. 2014. “Motion camouflage induced by zebra stripes.” *Zoology* **117** (June): 163-170.
- Howard, Alan D.** 2009. “How to make a meandering river.” *Proceedings of the National Academy of Sciences* **106** (13 October): 17245-17246.
- Howard, Alan D., & Christopher G. Groves**. 1995. “Early development of karst systems 2. Turbulent flow.” *Water Resources Research* **31** (January): 19-26.
- Howard, Andrew W.** 2013. “Observed Properties of Extrasolar Planets.” *Science* **340** (3 May): 572-576.
- Howard, Andrew W., Roberto Sanchis-Ojeda, Geoffrey W. Marcy, John Asher Johnson, Joshua N. Winn, Howard Isaacson, Debra A. Fischer, Benjamin J. Fulton, Evan Sinukoff, & Jonathan J. Fortney**. 2013. “A rocky composition for an Earth-sized exoplanet.” *Nature* **503** (21 November): 381-384.

- Howard, Charles F., Jerry Madden, Talmadge L. Heflin, Robert E. Talton, Dan Flynn, Ray Allen, Leo Berman, Dwayne Bohac, Dan Branch, Betty Brown, Fred Brown, Scott Campbell, Cecily Casteel, Wayne Christian, Byron Cook, Frank K. Corte Jr., Myra Crownover, John E. Davis, Glenda Dawson, Dianne White Delisi, Mary Denny, Joe Driver, Rob Eissler, Gary Elkins, Kino Flores, Bob Griggs, Tuffy Hamilton, Rick Hardcastle, Linda Harper-Brown, Will Ford Hartnett, Glenn Hegar, Bryan Hughes, Bob Hunter, Suzanna Grazia Hupp, Bill Keffer, Phil King, Jodie Laubenberg, Kenny Marchant, Ken Mercer, Sid Miller, Ken Paxton, Larry Phillips, Debbie Riddle, Wayne Smith, David Swinford, John T. Smithee, Vickie Truitt, Corbin Van Arsdale, & Bill Zedler.** 2003. "House Bill No. 1447." Texas House of Representatives legislative posting (online pdf at www.capitol.state.tx.us accessed 2/4/2014).
- Howard, Conor J., Victor Hanson-Smith, Kristopher J. Kennedy, Chad J. Miller, Hua Jane Lou, Alexander D. Johnson, Benjamin E. Turk, & Liam J. Holt.** 2014. "Ancestral resurrection reveals evolutionary mechanisms of kinase plasticity." *eLife* (online @ elifesciences.org) **3** (13 October): e04126.
- Howard, G., R. Eiges, F. Gaudet, R. Jaenisch, & A. Eden.** 2008. "Activation and transposition of endogenous retroviral elements in hypomethylation induced tumors in mice." *Oncogene* **27** (10 January): 404-408.
- Howard, James D., Jay A. Gottfried, Philippe N. Tobler, & Thorsten Kahnt.** 2015. "Identity-specific coding of future rewards in the human orbitofrontal cortex." *Proceedings of the National Academy of Sciences* **112** (21 April): 5195-5200.
- Howard, Jennifer.** 2007. "Harvard Law Professor Seeks to Block Tenure for Adversary at DePaul U." *The Chronicle of Higher Education* posting 13 April: online text accessed 7/13/2014 (chronicle.com).
- Howard, Joe, & Anthony A. Hyman.** 2003. "Dynamics and mechanics of the microtubule plus end." *Nature* **422** (17 April): 753-758.
- Howard, Jonathan C.** 2009. "Why didn't Darwin discover Mendel's laws?" *Journal of Biology* (online @ jbiol.com) **8** (24 February): 15.
- Howard, Judith A., Philip Blumstein, & Pepper Schwartz.** 1987. "Social or evolutionary theories? Some observations on preferences in human mate selection." *Journal of Personality and Social Psychology* **53** (July): 194-200.
- Howard, Keith A.** 1991. "Intrusion of horizontal dikes: Tectonic significance of Middle Proterozoic diabase sheets widespread in the upper crust of the southwestern United States." *Journal of Geophysical Research* **96** (10 July): 12461-12478.
- Howard, Keith A., P. Kyle House, Rebecca J. Dorsey, & Phillip A. Pearthree.** 2015. "River-evolution and tectonic implications of a major Pliocene aggradation on the lower Colorado River: The Bullhead Alluvium." *Geosphere* **11** (February): 1-30.
- Howard, Kurt.** 2013. "Turbidities: A Challenge to Uniformitarianism." *Creation In The Crossfire* 3 January posting (online text at www.creationinthecrossfire.com accessed 2/22/2015).
- Howard, Michael J., Wan Hsin Lim, Carol A. Fierke, & Markos Koutmos.** 2012. "Mitochondrial ribonuclease P structure provides insight into the evolution of the catalytic strategies for precursor-tRNA 5' processing." *Proceedings of the National Academy of Sciences* **109** (2 October): 16149-16154.
- Howard Hughes Medical Institute.* 2004. "Analysis Uncovers Critical Stretches of Human Genome." *HHMI News* 6 May posting (online text at www.theatlanticwire.com accessed 9/7/2012).
- Howarth, Dianella G., & Michael J. Donoghue.** 2006. "Phylogenetic analysis of the 'ECE' (CYC/TB1) clade reveals duplications predating the core eudicots." *Proceedings of the National Academy of Sciences* **103** (13 June): 9101-9106.
- Howe, C. J., A. C. Barbook, R. E. R. Nisbet, P. J. Lockhart, & A. W. D. Larkum.** 2008. "The origin of plastids." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 August): 2675-2685.

- Howe, Kerstin, Matthew D. Clark, Carlos F. Torroja, James Torrance, Camille Berthelot, Matthieu Muffato, John E. Collins, Sean Humphray, Karen McLaren, Lucy Matthews, Stuart McLaren, Ian Sealy, Mario Caccamo, Carol Churcher, Carol Scott, Jeffrey C. Barrett, Romke Koch, Gerd-Jörg Rauch, Simon White, William Chow, Britt Kilian, Leonor T. Quintais, José A. Guerra-Assunção, Yi Zhou, Yong Gu, Jennifer Yen, Jan-Hinnerk Vogel, Tina Eyre, Seth Redmond, Ruby Banerjee, Jianxiang Chi, Beiyuan Fu, Elizabeth Langley, Sean F. Maguire, Gavin K. Laird, David Lloyd, Emma Kenyon, Sarah Donaldson, Harminder Sehra, Jeff Almeida-King, Jane Loveland, Stephen Trevanion, Matt Jones, Mike Quail, Dave Willey, Adrienne Hunt, John Burton, Sarah Sims, Kirsten McLay, Bob Plumb, Joy Davis, Chris Clee, Karen Oliver, Richard Clark, Clare Riddle, David Elliott, Glen Threadgold, Glenn Harden, Darren Ware, Beverly Mortimer, Giselle Kerry, Paul Heath, Benjamin Phillimore, Alan Tracey, Nicole Corby, Matthew Dunn, Christopher Johnson, Jonathan Wood, Susan Clark, Sarah Pelan, Guy Griffiths, Michelle Smith, Rebecca Glithero, Philip Howden, Nicholas Barker, Christopher Stevens, Joanna Harley, Karen Holt, Georgios Panagiotidis, Jamieson Lovell, Helen Beasley, Carl Henderson, Daria Gordon, Katherine Auger, Deborah Wright, Joanna Collins, Claire Raisen, Lauren Dyer, Kenric Leung, Lauren Robertson, Kirsty Ambridge, Daniel Leongamornlert, Sarah McGuire, Ruth Gilderthorp, Coline Griffiths, Deepa Manthravadi, Sarah Nichol, Gary Barker, Siobhan Whitehead, Michael Kay, Jacqueline Brown, Clare Murnane, Emma Gray, Matthew Humphries, Neil Sycamore, Darren Barker, David Saunders, Justene Wallis, Anne Babbage, Sian Hammond, Maryam Mashreghi-Mohammadi, Lucy Barr, Sancha Martin, Paul Wray, Andrew Ellington, Nicholas Matthews, Matthew Ellwood, Rebecca Woodmansey, Graham Clark, James Cooper, Anthony Tromans, Darren Grafham, Carl Skuce, Richard Pandian, Robert Andrews, Elliot Harrison, Andrew Kimberley, Jane Garnett, Nigel Fosker, Rebekah Hall, Patrick Garner, Daniel Kelly, Christine Bird, Sophie Palmer, Ines Gehring, Andrea Berger, Christopher M. Dooley, Zübeyde Ersan-Ürün, Cigdem Eser, Horst Geiger, Maria Geisler, Lena Karotki, Anette Kirn, Judith Konantz, Martina Konantz, Martina Oberländer, Silke Rudolph-Geiger, Mathias Teucke, Kazutoyo Osoegawa, Baoli Zhu, Amanda Rapp, Sara Widaa, Cordelia Langford, Fengtang Yang, Nigel P. Carter, Jennifer Harrow, Zemin Ning, Javier Herrero, Steve M. J. Searle, Anton Enright, Robert Geisler, Ronald H. A. Plasterk, Charles Lee, Monte Westerfield, Pieter J. de Jong, Leonard I. Zon, John H. Postlethwait, Christiane Nüsslein-Volhard, Tim J. P. Hubbard, Hugues Roest Crollius, Jane Rogers, & Derek L. Stemple.** 2013. "The zebrafish reference genome sequence and its relationship to the human genome." *Nature* **496** (25 April): 498-503
- Howe, Mark W., Hisham E. Atallah, Andrew McCool, Daniel J. Gibson, & Ann M. Graybiel.** 2011. "Habit learning is associated with major shifts in frequencies of oscillatory activity and synchronized spike firing in striatum." *Proceedings of the National Academy of Sciences* **108** (4 October): 16801-16806.
- Howell, Gary.** 2012. "Naturalistic Evolution: a Dangerous Humanistic Philosophy." Creation Research Society *Creation Matters* (July/August): 1, 3-5.
- Howell, Neil, Christy Bogolin Smejkal, D. A. Mackey, P. F. Chinnery, D. M. Turnbull, & Corinna Herrnsstadt.** 2003. "The Pedigree Rate of Sequence Divergence in the Human Mitochondrial Genome: There Is a Difference Between Phylogenetic and Pedigree Rates." *The American Journal of Human Genetics* **72** (March): 659-670.
- Howerton, Jason.** 2013. "Defense Department Education Materials Warn of 'Extremists' That Speak of 'Individual Liberties, States' Rights, and How to Make the World a Better Place'." *The Blaze* 23 August posting (online text at www.theblaze.com accessed 8/28/2013).
- Howes, Daniel.** 2012. "Hiccups: A new explanation for the mysterious reflex." *BioEssays* **34** (June): 451-453.
- Howey, Richard L.** 2008. "Nineteenth Century British Microscopy and Natural History: Part 7." *Micscape Magazine* (July) posting (online text at www.microscopy-uk.org accessed 6/27/2014).

- Howk, J. Christopher, Nicolas Lehner, Brian D. Fields, & Grant J. Mathews.** 2012. "Observation of interstellar lithium in the low-metallicity Small Magellanic Cloud." *Nature* **489** (6 September): 121-123.
- Howlin, Patricia, Susan Goode, Jane Hutton, & Michael Rutter.** 2009. "Savant skills in autism: psychometric approaches and parental reports." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (27 May): 1359-1367.
- How To Help Save The Environment.* 2009a. "How To Save The Environment? Get Al Gore The Heck Away From It." *How to Help Save the Environment* November posting (online text at howtohelpsavetheenvironment.com accessed 4/14/2012).
- . 2009b. "Global Warming? 50 Percent Of The U.S. Is Covered In Snow And 80 People Have Died In Europe From The Bitter Cold Just This Month." *How to Help Save the Environment* December posting (online text at howtohelpsavetheenvironment.com accessed 4/14/2012).
- . 2009c. "10 Reasons Why Avatar Is A Thinly Veiled Propaganda Piece For The Radical Environmental Movement." *How to Help Save the Environment* December posting (online text at howtohelpsavetheenvironment.com accessed 4/14/2012).
- Hoy, Ronald R.** 2012. "Convergent Evolution in Hearing." *Science* **338** (16 November): 894-895.
- Hoyal Cuthill, Jennifer F., & Simon Conway Morris.** 2014. "Fractal branching organizations of Ediacaran rangeomorph fronds reveal a lost Proterozoic body plan." *Proceedings of the National Academy of Sciences* **111** (9 September): 13122-13126.
- Hoyer, Bill H., N. W. van de Velde, Morris Goodman, & R. B. Roberts.** 1972. "Examination of hominid evolution by DNA sequence homology." *Journal of Human Evolution* **1** (November): 645-649.
- Hoyle, Fred.** 1983. *The Intelligent Universe*. New York: Holt, Rinehart & Winston.
- Hoyle, Fred, & Geoffrey Hoyle.** 1980. *Commonsense in Nuclear Energy*. San Francisco: W. H. Freeman & Co.
- Hoyle, Fred, & Chandra Wickramasinghe.** 1984. *Evolution from Space*. New York: Simon & Schuster.
- . 1988. *Cosmic Life-Force*. 1990 US ed. New York: Paragon House.
- . 1993. *Our Place in the Cosmos: The Unfinished Revolution*. London: JM Dent.
- . 1999. "Towards an Understanding of the Nature of Racial Prejudice." *Journal of Scientific Exploration* **13** (3): 681-684.
- Hoyle, Nathaniel P., & David Ish-Horowicz.** 2013. "Transcript processing and export kinetics are rate-limiting steps in expressing vertebrate segmentation clock genes." *Proceedings of the National Academy of Sciences* **110** (12 November): E4316-E4324.
- Hoyt, Clark.** 2010. "A Final Report From Internal Affairs." *The New York Times* posting 12 June: online text accessed 11/26/2013 (www.nytimes.com).
- Hrdy, Sarah Blaffer.** 2001. "Mothers and Others." *Natural History* **110** (May): 50-63.
- Hren, Michael T., Nathan D. Sheldon, Stephen T. Grimes, Margaret E. Collinson, Jerry J. Hooker, Melanie Bugler, & Kyger C. Lohmann.** 2013. "Terrestrial cooling in Northern Europe during the Eocene-Oligocene transition." *Proceedings of the National Academy of Sciences* **110** (7 May): 7562-7567.
- Hren, M. T., M. M. Tice, & C. P. Chamberlain.** 2009. "Oxygen and hydrogen isotope evidence for a temperate climate 3.42 billion years ago." *Nature* **462** (12 November): 205-208.
- Hrinkevich, Adam W., Axayácatl Rocha-Olivares, & David W. Foltz.** 2000. "Phylogenetic analysis of molecular lineages in a species-rich subgenus of sea stars (*Leptasterias* subgenus *Hexasterias*)." *Integrative and Comparative Biology (AKA American Zoologist)* **40** (June): 365-374.
- Hristozova, Nevena, Peter Tompa, & Denes Kovacs.** 2016. "A Novel Method for Assessing the Chaperone Activity of Proteins." *PLoS ONE* (online @ plosone.org) **11** (August): e161970.
- Hróbjartsson, Asbjørn, & Peter C. Gøtzsche.** 2001. "Is the Placebo Powerless? An Analysis of Clinical Trials Comparing Placebo with No Treatment." *The New England Journal of*

- Medicine* **344** (24 May): 1594-1602.
- Hruz, Tomas, Oliver Laule, Gabor Szabo, Frans Wessendorp, Stefan Bleuler, Lukas Oertle, Peter Widmayer, Wilhelm Gruissem, & Philip Zimmermann.** 2008. "Genevestigator V3: A Reference Expression Database for the Meta-Analysis of Transcriptomes." *Advances in Bioinformatics* **2008**: 420747.
- Hsia, Cheryl C., Adam C. Paré, Michael Hannon, Matthew Ronshaugen, & William McGinnis.** 2010. "Silencing of an abdominal *Hox* gene during early development is correlated with limb development in a crustacean trunk." *Evolution & Development* **12** (March-April): 131-143.
- Hsiang, Allison Y., Daniel J. Field, Timothy H. Webster, Adam D. B. Behlke, Matthew B. Davis, Rachel A. Racicot, & Jacques A. Gauthier.** 2015. "The origin of snakes: revealing the ecology, behavior, and evolutionary history of early snakes using genomics, phenomics, and the fossil record." *BMC Evolutionary Biology* (online @ biomedcentral.com) **15** (20 May): 87.
- Hsiang, Solomon, Robert Kopp, Amir Jina, James Rising, Michael Delgado, Shashank Mohan, D. J. Rasmussen, Robert Muir-Wood, Paul Wilson, Michael Oppenheimer, Kate Larsen, & Trevor Houser.** 2017. "Estimating economic damage from climate change in the United States." *Science* **356** (30 June): 1362-1369.
- Hsiang, Solomon M., & Kyle C. Meng.** 2014. "Reconciling disagreement over climate-conflict results in Africa." *Proceedings of the National Academy of Sciences* **111** (11 February): 2100-2103.
- Hsiao, Chiaolong, Timothy K. Lenz, Jessica K. Peters, Po-Yu Fang, Dana M. Schneider, Eric J. Anderson, Thanawadee Preeprem, Jessica C. Bowman, Eric B. O'Neill, Lively Lie, Shreyas S. Athavale, J. Jared Gossett, Catherine Trippe, Jason Murray, Anton S. Petrov, Roger M. Wartell, Stephen C. Harvey, Nicholas V. Hud, & Loren Dean Williams.** 2013. "Molecular paleontology: a biochemical model of the ancestral ribosome." *Nucleic Acids Research* **41** (March #5): 3373-3385.
- Hsiao, Tzu-Lin, & Dennis Vitkup.** 2008. "Role of Duplicate Genes in Robustness against Deleterious Human Mutations." *PLoS Genetics* (online @ plosgenetics.org) **4** (March): e100014.
- Hsieh, Henry H.** 2010. "A frosty finding." *Nature* **464** (29 April): 1286-1287.
- Hsieh, Peggy, & Alexander H. Pearlman.** 2015. "EGFR inhibits DNA mismatch repair." *Proceedings of the National Academy of Sciences* **112** (5 May): 5556-5557.
- Hsieh, Peggy, & Yongliang Zhang.** 2017. "The Devil is in the details for DNA mismatch repair." *Proceedings of the National Academy of Sciences* **114** (4 April): 3552-3554.
- Hsin, Amy, & Yu Xie.** 2014. "Explaining Asian Americans' academic advantage over whites." *Proceedings of the National Academy of Sciences* **111** (10 June): 8416-8421.
- HSLDA.** 2010. "A Response to Robin L. West—'The Harms of Homeschooling'." *Home Schooling Legal Defense Association* 5 January posting (online text at www.hslda.org accessed 9/7/2011).
- . 2011a. "Creation Magazine." *Home School Legal Defense Association* posting (online text at www.hslda.org accessed 2/11/2011).
- . 2011b. "Curriculum Market—Science." *Home School Legal Defense Association* posting (online text at www.hslda.org accessed 2/11/2011).
- . 2011c. "Dianne Craft." *Home School Legal Defense Association* Speakers Bureau posting (online text at www.hslda.org accessed 2/11/2011).
- . 2011d. "Explore Creation with Marine Biology." *Home School Legal Defense Association* posting (online text at www.hslda.org accessed 2/11/2011).
- . 2011e. "The March of a New Orthodoxy." *Home Schooling Legal Defense Association* summary of 8 February radio interview with HSLDA chairman Mike Farris (online text at www.hslda.org accessed 9/7/2011).
- . 2011f. "Sherri Seligson." *Home School Legal Defense Association* @home e-vents biographical information posting (online text at www.hslda.org accessed 2/11/2011).
- Hsu, Chuan-Yu, Joshua P. Adams, Hyejin Kim, Kyoungok No, Caiping Ma, Steven H.**

- Strauss, Jenny Drnevich, Lindsay Vandervelde, Jeffrey D. Ellis, Brandon M. Rice, Norman Wickett, Lee E. Gunter, Gerald A. Tuskan, Amy M. Brunner, Grier P. Page, Abdelali Barakat, John E. Carlson, Claude W. dePamphilis, Dawn S. Luthe, & Cetin Yuceer.** 2011. “*FLOWERING LOCUS T* duplication coordinates reproductive and vegetative growth in perennial poplar.” *Proceedings of the National Academy of Sciences* **108** (28 June): 10756-10761.
- Hsu, Jeremy.** 2010. “Sloppy Records Cast Galileo’s Trial in New Light.” *LiveScience* posting 30 September (online text at www.livescience.com accessed 8/17/2011).
- Hsu, Kuang-Tai.** 2009. “The Path to Steno’s synthesis on the animal origin of *glossopetrae*.” *The Geological Society of America Memoirs* **203**: 93-106.
- Hsu, Ming, Cédric Anen, & Steven R. Quartz.** 2008. “The Right and the Good: Distributive Justice and Neural Encoding of Equity and Efficiency.” *Science* **320** (23 May): 1092-1095.
- Hsu, Ming, Meghana Bhatt, Ralph Adolphs, Daniel Tranel, & Colin F. Camerer.** 2005. “Neural Systems Responding to Degrees of Uncertainty in Human Decision-Making.” *Science* **310** (9 December): 1680-1683.
- Hsu, Weibiao, Yunbin Guan, L. A. Leshin, & Takayuki Ushikubo.** 2006. “A Late Episode of Irradiation in the Early Solar System: Evidence from Extinct ³⁶Cl and ²⁶Al in Meteorites.” *The Astrophysical Journal* **640** (20 March): 525-529.
- Hsuü, Kenneth J.** 1991. “Exhumation of high-pressure metamorphic rocks.” *Geology* **19** (February): 107-110.
- HSVA.** 2011. “Jay Wile Page.” *Homeschool Speakers & Vendors Association* posting (online text at www.homeschoolvendors.org accessed 2/11/2011).
- Hu, Aixue, Gerald A. Meehl, Weiqing Han, Axel Timmermann, Bette Otto-Bliesner, Zhengyu Liu, Warren M. Washington, William Large, Ayako Abe-Ouchi, Masahide Kimoto, Kurt Lambeck, & Bingyi Wu.** 2012. “Role of the Bering Strait on the hysteresis of the ocean conveyor belt circulation and glacial climate stability.” *Proceedings of the National Academy of Sciences* **109** (24 April): 6417-6422.
- Hu, Bo, Dustin R. Morado, William Margolin, John R. Rohde, Olivia Arizmendi, Wendy L. Picking, William D. Picking, & Jun Liu.** 2015. “Visualization of the type III secretion sorting platform of *Shigella flexneri*.” *Proceedings of the National Academy of Sciences* **112** (27 January): 1047-1052.
- Hu, David L., Brian Chan, & John W. M. Bush.** 2003. “The hydrodynamics of water strider locomotion.” *Nature* **424** (7 August): 663-666.
- Hu, Dongyu, Lianhai Hou, Lijun Zhang, & Xing Xu.** 2009. “A pre-*Archaeopteryx* troodontid theropod from China with long feathers on the metatarsus.” *Nature* **461** (1 October): 640-643.
- Hu, Dongyu, Li Li, Lianhai Hou, & Xing Xu.** 2011. “A new enantiornithine bird from the Lower Cretaceous of western Liaoning, China.” *Journal of Vertebrate Paleontology* **31** (January): 154-161.
- Hu, Dongyu, Xing Xu, Lianhai Hou, & Corwin Sullivan.** 2012. “A new enantiornithine bird from the Lower Cretaceous of western Liaoning, China, and its implications for early avian evolution.” *Journal of Vertebrate Paleontology* **32** (May): 639-645.
- Hu, Feng Sheng, Emi Ito, Thomas A. Brown, B. Brandon Curry, & Daniel R. Engstrom.** 2001. “Pronounced climatic variations in Alaska during the last two millennia.” *Proceedings of the National Academy of Sciences* **98** (11 September): 10552-10556.
- Hu, Jane.** 2014. “Chew On This Fantastic New Fossil.” *Slate.com* posting 11 June (online text at www.slate.com accessed 8/28/2014).
- Hu, Jian, & Yue Xiong.** 2006. “An Evolutionarily Conserved Function of Proliferating Cell Nuclear Antigen for Cdt1 Degradation by the Cul4-Ddb1 Ubiquitin Ligase in Response to DNA Damage.” *The Journal of Biological Chemistry* **281** (17 February): 3753-3756.
- Hu, Lanjuan, Ning Li, Chunming Xu, Silin Zhong, Xiuyun Lin, Jingjing Yang, Tianqi Zhou, Anzhi Yuliang, Ying Wu, Yun-Ru Chen, Xiaofeng Cao, Assaf Zemach, Sachin Rustgi, Diter von Wettstein, & Bao Liu.** 2014. “Mutation of a major CG methylase in rice causes genome-wide hypomethylation, dysregulated genome expression, and seedling lethality.”

- Proceedings of the National Academy of Sciences* **111** (22 July): 10642-10643.
- Hu, Ping, Eric A. Dubinsky, Alexander J. Probst, Jian Wang, Christian M. K. Sieber, Lauren M. Tom, Piero R. Gardinali, Jilian F. Banfield, Ronald M. Atlas, & Gary L. Anderson.** 2017. "Simulation of *Deepwater Horizon* oil plume reveals substrate specialization within a complex community of hydrocarbon degraders." *Proceedings of the National Academy of Sciences* **114** (11 July): 7432-7437.
- Hu, S., M. Steiner, M. Zhu, H. Luo, A. Forchielli, H. Keupp, F. Zhao, & Q. Liu.** 2012. "A new priapulid assemblage from the early Cambrian Guanshan fossil Lagerstätte of SW China." *Czech Geological Survey Bulletin of Geosciences* **97** (1): 93-106.
- Hu, S.-h., N. Wei, Q.-D. Wang, L.-q. Yan, E.-Q. Wei, M.-M. Zhang, J.-B. Hu, M.-I. Huang, W.-h. Zhou, & Y. Xu.** 2008. "Patterns of Brian Activation during Visually Evoked Sexual Arousal Differ between Homosexual and Heterosexual Men." *American Journal of Neuroradiology* **29** (November-December): 1890-1896.
- Hu, Shi-xue, Qi-yue Zhang, Zhong-Qiang Chen, Chang-yong Zhou, Tao Lü, Tao Xie, Wen Wen, Jin-yuan Huang, & Michael J. Benton.** 2011. "The Luoping biota: exceptional preservation, and new evidence on the Triassic recovery from end-Permian mass extinction." *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 August): 2274-2282.
- Hu, Shixue, Zhifei Zhang, Lars E. Holmer, & Christian B. Skovsted.** 2010. "Soft-part preservation in a linguliform brachiopod from the lower Cambrian Wulongqing Formation (Guanshan Fauna) of Yunnan, South China." *Acta Palaeontologica Polonica* **55** (3): 495-505.
- Hu, Stella, Angela M. Pattatucci, Chavis Patterson, Lin Li, David W. Fulker, Stacey S. Cherny, Leonid Krugkyak, & Dean H. Hamer.** 1995. "Linkage between sexual orientation and chromosome Xq28 in males but not in females." *Nature Genetics* **11** (March): 248-256.
- Hu, TaoBo, MengPing Long, DeJian Yuan, ZhuBing Zhu, YiMin Huang, & Shi Huang.** 2013. "The genetic equidistance results: misreading by the molecular clock and neutral theory and reinterpretation nearly half of a century later." *Science China Life Sciences* **56** (March): 256-261.
- Hu, Wayne, & Martin White.** 2004. "The Cosmic Symphony." *Scientific American* **290** (February): 44-53.
- Hu, Xiao, Guohua Xiao, Peng Zheng, Yanfang Shang, Yao Su, Xinyu Zhang, Xingzhong Liu, Shuai Zhan, Raymond J. St. Leger, & Chengshu Wang.** 2014. "Trajectory and genomic determinants of fungal-pathogen speciation and host adaptation." *Proceedings of the National Academy of Sciences* **111** (25 November): 16796-16801.
- Hu, Yaoming, Jin Meng, & James M. Clark.** 2009. "A new tritylodontid from the Upper Jurassic of Xinjiang, China." *Acta Palaeontologica Polonica* **54** (3): 385-391.
- Hu, Yaoming, Jin Meng, Chuankui Li, & Yuanqing Wang.** 2010. "New basal eutherian mammal from the Early Cretaceous Jehol biota, Liaoning, China." *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 January): 229-236.
- Hu, Yaoming, Jin Meng, Yuanqing Wang, & Chuankui Li.** 2005. "Large Mesozoic mammals fed on young dinosaurs." *Nature* **433** (13 January): 149-152.
- Hu, Yaoming, Yuanqing Wang, Zhexi Luo, & Chuankui Li.** 1997. "A new symmetrodont mammal from China and its implications for mammalian evolution." *Nature* **390** (13 November): 137-142.
- Hu, Yaowu, Hong Shang, Haowen Tong, Olaf Nehlich, Wu Liu, Chaohong Zhao, Jincheng Yu, Changsui Wang, Erik Trinkaus, & Michael P. Richards.** 2009. "Stable isotope dietary analysis of the Tianyuan 1 early modern human." *Proceedings of the National Academy of Sciences* **106** (7 July): 10971-10974.
- Hu, Yaowu, Songmei Hu, Weilin Wang, Xiaohong Wu, Fiona B. Marshall, Xianglong Chen, Liangliang Hou, & Changsui Wang.** 2014. "Earliest evidence for commercial processes of cat domestication." *Proceedings of the National Academy of Sciences* **111** (7 January): 116-120.

- Hu, Yaowu, & Fiona B. Marshall.** 2014. “Reply to Bar-Oz et al.: Commensalism and mutualism as early incentives for cat domestication.” *Proceedings of the National Academy of Sciences* **111** (11 March): E877.
- Hu, Yibo, Qi Wu, Shuai Ma, Tianxiao Ma, Lei Shan, Xiao Wang, Yonggang Nie, Zemin Ming, Li Yan, Yunfang Xiu, & Fuwen Wei.** 2017. “Comparative genomics reveals convergent evolution between the bamboo-eating giant and red pandas.” *Proceedings of the National Academy of Sciences* **114** (31 January): 1081-1086.
- Hu, Yilin, Janice M. Yoshizawa, Aaron W. Fay, Chi Chung Lee, Jared A. Wiig, & Markus W. Ribbe.** 2009. “Catalytic activities of NifEN: Implications for nitrogenase evolution and mechanism.” *Proceedings of the National Academy of Sciences* **106** (6 October): 16962-16966.
- Hu, Yinan, & R. Craig Albertson.** 2014. “Hedgehog signaling mediates adaptive variation in a dynamic functional system in the cichlid feeding apparatus.” *Proceedings of the National Academy of Sciences* **111** (10 June): 8530-8534.
- Hu, Yingchun, Quan Zhang, Guangyuan Rao, & Sodmergen.** 2008. “Occurrence of Plastids in the Sperm Cells of Caprifoliaceae: Biparental Plastid Inheritance in Angiosperms is Unilaterally Derived from Maternal Inheritance.” *Plant & Cell Physiology* **49** (June): 958-968.
- Hu, Yongyun, & Jun Yang.** 2014. “Role of ocean heat transport in climates of tidally locked exoplanets around M dwarf stars.” *Proceedings of the National Academy of Sciences* **111** (14 January): 629-624.
- Hu, Zhen, Shengkan Jin, & Kathleen W. Scotto.** 2000. “Transcriptional Activation of the MDR1 Gene by UV Irradiation: ROLE OF NF-Y AND Sp1.” *The Journal of Biological Chemistry* **275** (28 January): 2979-2985.
- Hua, Hong, Zhe Chen, Xunlai Yuan, Luyi Zhang, & Shuhai Xiao.** 2005. “Skeletogenesis and asexual reproduction in the earliest biomineralizing animal *Cloudina*.” *Geology* **33** (April): 277-280.
- Hua, Zhihua, John E. Pool, Robert J. Schmitz, Matthew D. Schultz, Shin-Han Shiu, Joseph R. Ecker, & Richard D. Vierstra.** 2013. “Epigenomic programming contributes to the genomic drift evolution of the F-Box protein superfamily in *Arabidopsis*.” *Proceedings of the National Academy of Sciences* **110** (15 October): 16927-16932.
- Huang, Bau-lin, & Susan Mackem.** 2014. “Use it or lose it.” *Nature* **511** (3 July): 34-35.
- Huang, C., K. T. Wikfeldt, T. Tokushima, D. Nordlund, Y. Harada, U. Bergmann, M. Niebuhr, T. M. Weiss, Y. Horikawa, M. Leetmaa, M. P. Ljungberg, O. Takahashi, A. Lenz, L. Ojamäe, A. P. Lyubartsev, S. Shin, L. G. M. Pettersson, & A. Nilsson.** 2009. “The inhomogeneous structure of water at ambient conditions.” *Proceedings of the National Academy of Sciences* **106** (8 September): 15214-15218.
- Huang, Chengdong, Paolo Rossi, Tomohide Saio, & Charalampos G. Kalodimos.** 2016. “Structural basis for the antifolding activity of a molecular chaperone.” *Nature* **537** (8 September): 202-206.
- Huang, Ching-Shin, Bjørn Panyella Pedersen, & David L. Stokes.** 2017. “Crystal structure of the potassium-importing KdpDABC membrane complex.” *Nature* **546** (29 June): 681-685.
- Huang, Chu-Chun, Keng-Ming Chang, Hong Cui, & Makkuni Jayaram.** 2011. “Histone H3-variant Cse4-induced positive DNA supercoiling in the yeast plasmid has implications for a plasmid origin of a chromosome centromere.” *Proceedings of the National Academy of Sciences* **108** (16 August): 13671-13676.
- Huang, Chun Chang, Yali Zhou, Yuzhu Zhang, Yongqiang Guo, Jiangli Pang, Qiang Zhou, Tao Liu, & Xiaochun Zha.** 2017. “Comment on ‘Outburst flood at 1920 BCE supports historicity of China’s Great Flood and the Xia dynasty’.” *Science* **355** (31 March): 1382.
- Huang, Chun Y., Michael A. Ayliffe, & Jeremy N. Timmis.** 2003. “Direct measurement of the transfer rate of chloroplast DNA into the nucleus.” *Nature* **422** (6 March): 72-76.
- Huang, Chunju, & Stephen P. Hesselbo.** 2014. “Pacing of the Toarcian Oceanic Anoxic Event (Early Jurassic) from astronomical correlation of marine sections.” *Gondwana Research* **25** (May): 1348-1356.

- Huang, Chunju, Stephen P. Hesselbo, & Linda Hinnov.** 2010. "Astrochronology of the late Jurassic Kimmeridge Clay (Dorset, England) and implications for Earth system processes." *Earth and Planetary Science Letters* **289** (15 January): 242-255.
- Huang, Chun-Yen, Chung-Ping Lin, & Hui-Chen Lin.** 2011. "Morphological and Biochemical Variations in the Gills of 12 Aquatic Air-Breathing Anabantoid Fish." *Physiological and Biochemical Zoology* **84** (March-April): 125-134.
- Huang, Danwei, Emma E. Goldberg, & Kaustuv Roy.** 2015. "Fossils, phylogenies, and the challenge of preserving evolutionary history in the face of anthropogenic extinctions." *Proceedings of the National Academy of Sciences* **112** (21 April): 4909-4914.
- Huang, Diying, Michael S. Engel, Chenyang Cai, Hao Wu, & André Nel.** 2012. "Diverse transitional giant fleas from the Mesozoic era of China." *Nature* **483** (8 March): 201-204.
- Huang, Diying, André Nel, Chenyang Cai, Qibin Lin, & Michael S. Engel.** 2013. "Amphibious flies and paedomorphism in the Jurassic period." *Nature* **495** (7 March): 94-97.
- Huang, Faqing, Zhili Yang, & Mike Yarus.** 1999. "Self-Capping RNA Catalysts Derived From Selection-Amplification." *The Biological Bulletin* **196** (June): 320-321.
- Huang, Guanghua, Huafeng Wang, Song Chou, Xinyi Nie, Jiangye Chen, & Haoping Liu.** 2006. "Bistable expression of WOR1, a master regulator of white-opaque switching in *Candida albicans*." *Proceedings of the National Academy of Sciences* **103** (22 August): 12813-12818.
- Huang, Hsin-Hua, Fan-Chi Lin, Brandon Schmandt, Jamie Farrell, Robert B. Smith, & Victor C. Tsai.** 2015. "The Yellowstone magmatic system from the mantle plume to the upper crust." *Science* **348** (15 May): 773-776.
- Huang, Huiqing, Shengfeng Huang, Yingcai Yu, Shaochun Yuan, Rui Li, Xin Wang, Hongchen Zhao, Yanhong Yu, Jun Li, Manyi Yang, Liqun Xu, Shangwu Chen, & Anlong Xu.** 2011. "Functional Characterization of a Ficolin-mediated Complement Pathway in *Amphioxus*." *The Journal of Biological Chemistry* **286** (21 October): 36739-36748.
- Huang, Jin, Akiko Koide, Koki Makabe, & Shohei Koide.** 2008. "Design of protein function leaps by directed domain interface evolution." *Proceedings of the National Academy of Sciences* **105** (6 May): 6578-6583.
- Huang, Jinling, & Johann Peter Gogarten.** 2007. "Did an ancient chlamydial endosymbiosis facilitate the establishment of primary plastids?" *Genome Biology* (online @ genomebiology.com) **8** (4 June): R99.
- Huang, Julie Y., & John A. Bargh.** 2011. "The selfish goal: Self-deception occurs naturally from autonomous goal operation." *Behavioral and Brain Sciences* **34** (1): 27-28.
- Huang, Kang-Jun, Fang-Zhen Teng, Bing Shen, Shuhai Xiao, Xianguo Lang, Hao-Ran Ma, Yong Fu, & Yongbo Peng.** 2016. "Episode of intense chemical weathering during the termination of the 635 Ma Marinoan glaciation." *Proceedings of the National Academy of Sciences* **113** (7 December): 14904-14909.
- Huang, Kerwyn Casey, Yigal Meir, & Ned S. Wingreen.** 2003. "Dynamic structures in *Escherichia coli*: Spontaneous formation of MinE rings and MinD polar zones." *Proceedings of the National Academy of Sciences* **100** (28 October): 12724-12728.
- Huang, Po-Ssu, Scott E. Boyken, & David Baker.** 2016. "The coming of age of *de novo* protein design." *Nature* **537** (15 September): 320-327.
- Huang, Qian-Sheng, Xiao-Lan Xie, Ge Liang, Fang Gong, Ye Wang, Xiao-Qian Wei, Qin Wang, Zhi-Liang Ji, & Qing-Xi Chen.** 2012. "The GH18 family of chitinases: Their domain architectures, functions and evolutions." *Glycobiology* **22** (January): 23-34.
- Huang, Ruiqi, Frank Hippauf, Diana Rohrbeck, Maria Haustein, Katrin Wenke, Janie Feike, Noah Sorelle, Birgit Piechulla, & Todd J. Barkman.** 2012. "Enzyme functional evolution through improved catalysis of ancestrally nonpreferred substrates." *Proceedings of the National Academy of Sciences* **109** (21 February): 2966-2971.
- Huang, Ruijin, Qixia Zhi, Ketan Patel, Jörg Wilting, & Bodo Christ.** 2000. "Dual origin and segmental organisation of the avian scapula." *Development* (AKA *Journal of Embryology*)

- and *Experimental Morphology* **127** (1 September): 3789-3794.
- Huang, Ruiqi, Andrew J. O'Donnell, Jessica J. Barboline, & Todd J. Barkman.** 2016. "Convergent evolution of caffeine in plants by co-option of exapted ancestral enzymes." *Proceedings of the National Academy of Sciences* **113** (20 September): 10613-10618.
- Huang, Shan, Kaustuv Roy, James W. Valentine, & David Jablonski.** 2015. "Convergence, divergence, and parallelism in marine biodiversity trends: Integrating present-day and fossil data." *Proceedings of the National Academy of Sciences* **112** (21 April): 4903-4908.
- Huang, Shengfeng, Shaochun Yuan, Lei Guo, Yanhong Yu, Jun Li, Tao Wu, Tong Liu, Manyi Yang, Kui Wu, Huiling Liu, Jin Ge, Yingcai Yu, Huiqing Huang, Meiling Dong, Cuiling Yu, Shangwu Chen, & Anlong Xu.** 2008. "Genomic analysis of the immune gene repertoire of amphioxus reveals extraordinary innate complexity and diversity." *Genome Research* **18** (July): 1112-1126.
- Huang, Shi.** 2008. "The Genetic Equidistance Result of Molecular Evolution is Independent of Mutation Rates." *Journal of Computer Science & Systems Biology* **1**: 092.
- . 2009. "Inverse relationship between genetic diversity and epigenetic complexity." *Nature Precedings* (online @ precedings.nature.com) 15 January: 2009.1751.2.
- Huang, Shichun, Stein B. Jacobsen, & Sujoy Mukhopadhyay.** 2013. "¹⁴⁷Sm-¹⁴³Nd systematics of Earth are inconsistent with a superchondritic Sm/Nd ratio." *Proceedings of the National Academy of Sciences* **110** (26 March): 4929-4934.
- Huang, Shichun, Cin-Ty A. Lee, & Qing-Zhu Yin.** 2014. "Missing Lead and High ³He/⁴He in Ancient Sulfides Associated with Continental Crust Formation." *Scientific Reports* (online @ www.nature.com/srep/) **4** (17 June): 5314.
- Huang, Shouxiong, Emmanuel Martin, Sojung Kim, Lawrence Yu, Claire Soudais, Daved H. Fremont, Olivier Lantz, & Ted H. Hansen.** 2009. "MR1 antigen presentation to mucosal-associated invariant T cells was highly conserved in evolution." *Proceedings of the National Academy of Sciences* **106** (19 May): 8290-8295.
- Huang, Stephanie.** 2012. "Equal Inheritance: Genome Management for Proliferating Parasites." *PLoS Biology* (online @ plosbiology.org) **10** (December): e1001445.
- Huang, W., P. Pérez-García, A. Pokhilko, A. J. Millar, I. Antoshechkin, J. L. Riechmann, & P. Mas.** 2012. "Mapping the Core of the *Arabidopsis* Circadian Clock Defines the Network Structure of the Oscillator." *Science* **336** (6 April): 75-79.
- Huang, Wanpo, Russell Ciochon, Gu Yumin, Roy Larick, Fang Qiren, Henry Schwarcz, Charles Yonge, John de Vos, & William Rink.** 1995. "Early *Homo* and associated artifacts from Asia." *Nature* **377** (16 November): 275-278.
- Huang, Yi, Stephan Leroy, & Richard M. Goody.** 2011. "Discriminating between climate observations in terms of their ability to improve an ensemble of climate predictions." *Proceedings of the National Academy of Sciences* **108** (28 June): 10405-10409.
- Huang, Ying, & Richard J. Maraia.** 2001. "Comparison of the RNA polymerase III transcription machinery in *Schizosaccharomyces pombe*, *Saccharomyces cerevisiae* and human." *Nucleic Acids Research* **29** (1 July): 2675-2690.
- Huang, Yu-ming, & Chia-en A. Chang.** 2014. "Achieving Peptide Binding Specificity and Promiscuity by Loops: Case of the Forkhead-Associated Domain." *PLoS ONE* (online @ plosone.org) **9** (May): e98291.
- Huang, Zhen, & Jack W. Szostak.** 2003. "Evolution of aptamers with a new specificity and new secondary structures from an ATP aptamer." *RNA* **9** (December): 1456-1463.
- Hubbard, Alexander.** 2014. "Explaining Mercury's Density Through Magnetic Erosion." *Astrophysics arXiv.org* 2 July draft posting (online pdf at arxiv.org accessed 3/16/2015).
- Hubbard, Edward M.** 2008. "Synaesthesia: The Sounds of Moving Patterns." *Current Biology* **18** (5 August): R657-R659.
- Hubbard, L. Ron.** 1950. *Dianetics: The Modern Science of Mental Health*. 1968 pb ed. New York: Paperback Library.
- Hubbard, Saul.** 2010. "College drops Islam course in light of instructor's history." *The Register-Guard* (Eugene, Oregon) posting 7 December: online text accessed 12/9/2010 (registerguard.com).

- Hubbell, Stephen P.** 2005. “The neutral theory of biodiversity and biogeography and Stephen Jay Gould.” *Paleobiology* **31** (June): 122-132.
- Huber, Brian T.** 1998. “Tropical Paradise at the Cretaceous Poles?” *Science* **282** (18 December): 2199-2200.
- Huber, Brian T., Richard D. Norris, & Kenneth G. MacLeod.** 2002. “Deep-sea paleotemperature record of extreme warmth during the Cretaceous.” *Geology* **30** (February): 123-126.
- Huber, Christian D., Bernard Y. Kim, Clare D. Marsden, & Kirk E. Lohmueeler.** 2017. “Determining the factors driving selective effects of new nonsynonymous mutations.” *Proceedings of the National Academy of Sciences* **114** (25 April): 4465-4470.
- Huber, Claudia, Wolfgang Eisenreich, Stefan Hecht, & Günter Wächtershäuser.** 2003. “A Possible Primordial Peptide Cycle.” *Science* **301** (15 August): 938-940.
- Huber, Claudia, & Günter Wächtershäuser.** 1997. “Activated Acetic Acid by Carbon Fixation on (Fe,Ni)S Under Primordial Conditions.” *Science* **276** (11 April): 245-247.
- . 1998. “Peptides by Activation of Amino Acids with CO on (Fe,Ni)S Surfaces: Implications for the Origin of Life.” *Science* **281** (31 July): 670-672.
- Huber, Harald, Michael J. Hohn, Reinhard Rachel, Tanja Fuchs, Verena C. Wimmer, & Karl O. Stetter.** 2002. “A new phylum of Archaea represented by a nanosized hyperthermophilic symbiont.” *Nature* **417** (2 May): 63-67.
- Huber, Julie A.** 2015. “Making methane down deep.” *Science* **349** (24 July): 376-377.
- Huber, Ludwig, Friederike Range, Bernhard Voelkl, Andrea Szucsich, Zsófia Virányi, & Adam Miklosi.** 2009. “The evolution of imitation: what do the capacities of non-human animals tell us about the mechanisms of imitation?” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **364** (27 August): 2299-2309.
- Huber, Reto, M. Felice Ghilardi, Marcello Massimini, & Giulio Tononi.** 2004. “Local sleep and learning.” *Nature* **430** (1 July): 78-81.
- Huber-Lang, Markus, J. Vidya Sarma, Firas S. Zetoune, Daniel Rittirsch, Thomas A. Neff, Stephanie R. McGuire, John D. Lambris, Roscoe L. Warner, Michael A. Flierl, Laszlo M. Hoesel, Florian Gebhard, John G. Younger, Scott M. Drouin, Rick A. Wetsel, & Peter A. Ward.** 2006. “Generation of C5a in the absence of C3: a new complement activation pathway.” *Nature Medicine* **12** (June): 682-687.
- Hübbers, Maren, & Hans Kerp.** 2012. “Oldest known mosses discovered in Mississippian (late Viséan) strata of Germany.” *Geology* **40** (August): 755-758.
- Hubert, Casey, Alexander Loy, Maren Nickel, Carol Arnosti, Christian Baranyi, Volker Brüchert, Timothy Ferdelman, Kai Finster, Flemming Mønsted Christensen, Júlia Rosa de Rezende, Verona Vandieken, & Bo Barker Jørgensen.** 2009. “A Constant Flux of Diverse Thermophilic Bacteria into the Cold Arctic Seabed.” *Science* **325** (18 September): 1541-1544.
- Hubert, John F., & Karl A. Mertz.** 1980. “Eolian dune field of Late Triassic age, Fundy Basin, Nova Scotia.” *Geology* **8** (November): 516-519.
- Hubickyj, Olenka, Peter Bodenheimer, & Jack J. Lissauer.** 2005. “Accretion of the gaseous envelope of Jupiter around a 5–10 Earth-mass core.” *Icarus* **179** (15 December): 415-431.
- Hubisz, John L.** 2001. “Review of Middle School Physical Science Texts.” Final Report under The David and Lucile Packard Foundation Grant #1998-4248 (online text at www.science-house.org/middleschool/reviews/Hubisz.pdf accessed 11/18/2010).
- Hublin, Jean-Jacques.** 2009a. “The prehistory of compassion.” *Proceedings of the National Academy of Sciences* **106** (21 April): 6429-6430.
- . 2009b. “The origin of Neandertals.” *Proceedings of the National Academy of Sciences* **106** (22 September): 16022-16027.
- . 2012. “The earliest modern human colonization of Europe.” *Proceedings of the National Academy of Sciences* **109** (21 August): 13471-13472.
- . 2014. “How to build a Neandertal.” *Science* **344** (20 June): 1338-1339.
- Hublin, Jean-Jacques, Abdelouahed Ben-Ncer, Shara E. Bailey, Sarah E. Freidline, Simon Neubauer, Matthew M. Skinner, Inga Bergmann, Adeline Le Cabec, Stefano Benazzi,**

- Katerina Harvati, & Philipp Gunz.** 2017. “New fossils from Jebel Irhoud, Morocco and the pan-African origin of *Homo sapiens*.” *Nature* **546** (8 June): 289-292.
- Hublin, Jean-Jacques, Simon Neubauer, & Philippe Ganz.** 2015. “Brain ontogeny and life history in Pleistocene hominins.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (5 March): 20140062.
- Hublin, Jean-Jacques, Fred Spoor, Marc Braun, Frans Zonneveld, & Silvana Condemi.** 1996. “A late Neanderthal associated with Upper Palaeolithic artifacts.” *Nature* **381** (16 May): 224-226.
- Hublin, Jean-Jacques, Sahra Talamo, Michèle Julien, Francine David, Nelly Connet, Pierre Bodu, Bernard Vandermeersch, & Michael P. Richards.** 2012. “Radiocarbon dates from the Grotte du Renne and Saint-Césaire support a Neandertal origin for the Châtelperronian.” *Proceedings of the National Academy of Sciences* **109** (13 November): 18743-18748.
- Hübner, Tom R., & Oliver W. M. Rauhut.** 2010. “A juvenile skull of *Dysalotosaurus lettowvorbecki* (Ornithischia: Iguanodontia), and the implications for cranial ontogeny, phylogeny, and taxonomy in ornithomimid dinosaurs.” *Zoological Journal of the Linnean Society* **160** (October): 366-396.
- Huc, Ivan, & Jean-Marie Lehn.** 1997. “Virtual combinatorial libraries: Dynamic generation of molecular and supramolecular diversity by self-assembly.” *Proceedings of the National Academy of Sciences* **94** (18 March): 2106-2110.
- Huchon, Dorothée, Ole Madsen, Mark J. J. B. Sibbald, Kai Ament, Michael J. Stanhope, François Catzeflis, Wilfried W. de Jong, & Emmanuel J. P. Douzery.** 2002. “Rodent Phylogeny and a Timescale for the Evolution of Glires: Evidence from an Extensive Taxon Sampling Using Three Nuclear Genes.” *Molecular Biology and Evolution* **19** (July): 1053-1065.
- Huck, Steffen, Hans-Theo Normann, & Jörg Oechsler.** 2003. “Zero-Knowledge Cooperation in Dilemma Games.” *Journal of Theoretical Biology* **220** (7 January): 47-54.
- Huckabee, Mike.** 2014. “How You Can Stand with Houston Pastors...” *Alert: Take Action* 22 October email message (online text via frc.org accessed 10/22/2014).
- Hud, Nick.** 2010. “Ancestral Biopolymers.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 8 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- Hud, Nicholas V., & Frank A. L. Anet.** 2000. “Intercalation-Mediated Synthesis and Replication: A New Approach to the Origin of Life.” *Journal of Theoretical Biology* **205** (21 August): 543-562.
- Hudec, Michael R., & Martin P. A. Jackson.** 2006. “Advance of allocthonous salt sheets in passive margins and orogens.” *American Association of Petroleum Geologists AAPG Bulletin* **90** (October): 1535-1564.
- Hudjashov, Georgi, Toomas Kivisild, Peter A. Underhill, Phillip Endicott, Juan J. Sanchez, Alice A. Lin, Peidong Shen, Peter Oefner, Colin Renfrew, Richard Villems, & Peter Forster.** 2007. “Revealing the prehistoric settlement of Australia by Y chromosome and mtDNA analysis.” *Proceedings of the National Academy of Sciences* **104** (22 May): 8726-8730.
- Hudry, Bruno, Morgane Thomas-Chollier, Yael Volovik, Marilynne Duffraisse, Amélie Dard, Dale Frank, Ulrich Technau, & Samir Merabet.** 2014. “Molecular insights into the origin of the Hox-TALE patterning system.” *eLife* (online @ elifesciences.org) **3** (18 March): e01939.
- Hudson, Andrew, Joanna Critchley, & Yvette Erasmus.** 2008. “The Genus *Antirrhinum* (Snapdragon): A Flowering Plant Model for Evolution and Development.” *Cold Spring Harbor Protocols* **3** (October): 100.
- Hudson, Clare, Moly Ba, Christian Rouvière, & Hitoyoshi Yasuo.** 2011. “Divergent mechanisms specify chordate motoneurons: evidence from ascidians.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **138** (15 April): 1643-1652.
- Hudson, Gordon.** 2009. “Dr Grady McMurtry – What are his qualifications and scientific

- expertise.” *Ecalpemos* 27 September updated posting (online text at www.ecalpemos.org accessed 11/19/2014).
- Hudson, Keith, & Terry Huddleston.** 2014. “MINUTES COLUMBIA COUNTY SCHOOL BOARD JANUARY 14, 2014.” *Columbia County School Board* (Florida) posting (online pdf at www.columbiak12.fl.us accessed 8/26/2014).
- Hudson, Richard R.** 1994. “How can the low levels of DNA sequence variation in regions of the *Drosophila* genome with low recombination rates be explained?” *Proceedings of the National Academy of Sciences* **91** (19 July): 6815-6818.
- Hudson, Richard R., & Jerry A. Coyne.** 2002. “Mathematical Consequences of the Genealogical Species Concept.” *Evolution* **56** (August): 1557-1565.
- Hudson, William H., Bradley R. Kossmann, Ian Mitchell S. de Vera, Shih-Wei Chuo, Emily R. Weikum, Geeta N. Eick, Joseph W. Thornton, Ivaylow N. Ivanov, Douglas J. Kojetin, & Eric A. Ortlund.** 2016. “Distal substitutions drive divergent DNA specificity among paralogous transcription factors through subdivision of conformational space.” *Proceedings of the National Academy of Sciences* **113** (12 January): 326-331.
- Huebner, Donald A.** 2011. “Biblical Longevities: Some Questions and Issues.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (December): 287-288.
- Huebschman, Richard P.** 2013. “Stratigraphy of Lower Permian Skarn Protoliths, Southeastern Arizona.” Arizona Geological Survey *Contributed Report* (June) CR-13-B (online pdf at www.azgs.gov accessed 6/14/2015).
- Hueck, Christoph J.** 1998. “Type III Protein Secretion Systems in Bacterial Pathogens of Animals and Plants.” *Microbiology and Molecular Biology Reviews* **62** (June): 379-433.
- Huélamo, N., P. Figueira, X. Bonfils, N. C. Santos, F. Pepe, M. Gillon, R. Azevedo, T. Barman, M. Fernández, E. di Folco, E. W. Guenther, C. Lovis, C. H. F. Melo, D. Queloz, & S. Udry.** 2008. “TW Hydrae: evidence of stellar spots instead of a Hot Jupiter.” *Astronomy & Astrophysics* **489** (11 October): L9-L13.
- Huelensbeck, John P., & Nikita S. Imenov.** 2002. “Geographic Origin of Human Mitochondrial DNA: Accommodating Phylogenetic Uncertainty and Model Comparison.” *Systematic Biology* **51** (February): 155-165.
- Huelensbeck, John P., Bruce Rannala, & Zheng Yang.** 1997. “Statistical Tests of Host-Parasite Cospeciation.” *Evolution* **51** (February): 410-419.
- Huen, Manfred, Shahal Abbo, Simcha Lev-Yadun, & Avi Gopher.** 2012. “A critical review of the protracted domestication model for Near-Eastern founder crops: linear regression, long-distance gene flow, archaeological, and archaeobotanical evidence.” *Journal of Experimental Botany* **63** (July): 4333-4341.
- Huen, Manfred, Ralf Schäfer-Pregl, Dieter Klawan, Renato Castagna, Monica Accerbi, Basilio Borghi, & Francesco Salamini.** 1997. “Site of Einkorn Wheat Domestication Identified by DNA Fingerprinting.” *Science* **278** (14 November): 1312-1314.
- Huerta-Sánchez, Emilia, Xin Jin, Asan, Zhuoma Bianba, Benjamin M. Peter, Nicolas Vinckenbosch, Yu Liang, Xin Yi, Mingze He, Mehmet Somel, Peixiang Ni, Bo Wang, Xiaohua Ou, Huasang, Jiangbai Luosang, Zha Xi Ping Cuo, Kui Li, Guoyi Gao, Ye Yin, Wei Wang, Xiuqing Zhang, Xun Xu, Huanming Yang, Yingrui Li, Jian Wang, Jun Wang, & Rasmus Nielsen.** 2014. “Altitude adaptation in Tibetans caused by introgression of Denisovan-like DNA.” *Nature* **512** (14 August): 194-197.
- Huesca Ramón, Fernando.** 2014. “Philosophy and Neurobiology: towards a Hegelian Contribution on the Question of the Juridical Status of the Human Embryo.” *Journal of Cognition and Neuroethics* **2** (April): 211-220.
- Huether, Robert, William L. Duax, Charles M. Weeks, Sanjay Connare, Vladimir Pletnev, & Timothy C. Umland.** 2007. “Open Reading Frames and Codon Bias in *Streptomyces coelicolor* and the Evolution of the Genetic Code.” Biotechnology and Bioinformatics Symposium (BIOT-2007) Colorado Springs (19-20 October 2007) Paper ID: 48.
- Huey, Edward D., Roland Zahn, & Jordan Grafman.** 2007. “[He] is no more a person now but a whole climate of opinion’ (Auden, 1940).” *Cortex* **43** (8): 1097-1098.
- Huey, James M., & Truman P. Kohman.** 1973. “²⁰⁷Pb-²⁰⁶Pb isochron and age of chondrites.”

- Journal of Geophysical Research* **78** (10 June): 3227-3244.
- Huey, Raymond B., George W. Gilchrist, Margen L. Carlson, David Berrigan, & Luís Serra.** 2000. "Rapid Evolution of a Geographic Cline in Size in an Introduced Fly." *Science* **287** (14 January): 308-309.
- Huey, Raymond B., Jonathan B. Losos, & Craig Moritz.** 2010. "Are Lizards Toast?" *Science* **328** (14 May): 832-833.
- Huey, Raymond B., & Peter D. Ward.** 2005. "Hypoxia, Global Warming, and Terrestrial Late Permian Extinctions." *Science* **308** (15 April): 398-401.
- Hufbauer, Ruth A., Benoît Facon, Virginie Ravigné, Julie Turgeon, Julien Foucaud, Carol E. Lee, Olivier Rey, & Arnaud Estoup.** 2012. "Anthropogenically induced adaptation to invade (AIAD): contemporary adaptation to human-altered habitats within the native range can promote invasions." *Evolutionary Applications* **5** (January): 89-101.
- Huff, Chad D., Jinchuan Xing, Alan R. Rogers, David Witherspoon, & Lynn B. Jorde.** 2010. "Mobile elements reveal small population size in the ancient ancestors of *Homo sapiens*." *Proceedings of the National Academy of Sciences* **107** (2 February): 2147-2152.
- Huff, Deborah.** 1983. "Bush Speaks at LBC, Supports President's Policies." *Fundamentalist Journal* **2** (June): 59.
- Huff, Warren D., Stig M. Bergström, & Dennis R. Kolata.** 1992. "Gigantic Ordovician volcanic ash fall in North America and Europe: Biological, tectonomagmatic, and event-stratigraphic significance." *Geology* **20** (October): 875-878.
- Huffington Post.* 2011a. "Church Of Scientology Investigated 'South Park' Creators Matt Stone, Trey Parker: Report." *Huffington Post* posting 23 October (online text at huffingtonpost.com accessed 10/24/2011).
- . 2011b. "Saudi Arabia Driving Ban: 'Report' Warns Of Increased Promiscuity If Women Permitted To Drive." *Huffington Post Canada* posting 4 December (online text at huffingtonpost.com accessed 12/7/2011).
- . 2013a. "'The Bible,' 10-Hour History Channel Series From Roma Downey And Mark Burnett, To Premiere Sunday." *Huffpost Religion* posting 1 March (online text at huffingtonpost.com accessed 3/3/2013).
- . 2013b. "Texas Public Schools Teaching 'End Times' Theology, Creationism: Study." *Huffpost Education* updated posting 30 January (online text at huffingtonpost.com accessed 2/4/2014).
- . 2015. "ISIS Beheads Elderly Archaeologist In Palmyra, Syrian Official Says." *The World Post* posting 18 August (online text at huffingtonpost.com accessed 8/18/2015).
- Hufton, Andrew L., Detlef Groth, Martin Vingron, Hans Lehrach, Albert J. Poustka, & Georgia Panopoulou.** 2008. "Early vertebrate whole genome duplications were predated by a period of intense genome rearrangement." *Genome Research* **18** (October): 1582-1591.
- Hufton, Andrew L., Susanne Mathia, Helene Braun, Udo Georgi, Hans Lehrach, Martin Vingron, Albert J. Poustka, & Georgia Panopoulou.** 2009. "Deeply conserved chordate noncoding sequences preserve genome synteny but do not drive gene duplication retention." *Genome Research* **19** (November): 2036-2051.
- Hug, Laura A., Brett J. Baker, Karthik Anantharaman, Christopher T. Brown, Alexander J. Probst, Cindy J. Castelle, Cristina N. Butterfield, Alex W. Hermsdorf, Yuki Amano, Kotaro Ise, Yohey Suzuki, Natasha Dudek, David A. Relman, Kari M. Finstad, Ronald Amundson, Brian C. Thomas, & Jillian F. Banfield.** 2016. "A new view of the tree of life." *Nature Microbiology* (online @ nature.com) **1** (11 April): 16048.
- Hugall, Andrew F., Ralph Foster, & Michael S. Y. Lee.** 2007. "Calibration Choice, Rate Smoothing, and the Pattern of Tetrapod Diversification According to the Long Nuclear Gene RAG-1." *Systematic Biology* **56** (August): 543-563.
- Hughen, K., S. Lehman, J. Southon, J. Overpeck, O. Marchal, C. Herring, & J. Turnbull.** 2004. "¹⁴C Activity and Global Carbon Cycle Changes over the Past 50,000 Years." *Science* **303** (9 January): 202-207.
- Hughes, Andrew, & Randy Moore.** 2015. "Measuring William Bell Riley's Anti-Evolution

- Crusade in Minnesota.” *Reports of the National Center for Science Education* **35** (January-February): 1.1-1.13.
- Hughes, Austin L.** 1994. “The evolution of functionally novel proteins after gene duplication.” *Proceedings of the Royal Society of London B* (Biological Sciences) **256** (23 May): 119-124.
- . 2002. “Adaptive evolution after gene duplication.” *Trends in Genetics* **18** (September): 433-434.
- . 2005. “Gene duplication and the origin of novel proteins.” *Proceedings of the National Academy of Sciences* **102** (21 June): 8791-8792.
- . 2007. “Looking for Darwin in all the wrong places: the misguided quest for positive selection at the nucleotide sequence level.” *Heredity* **99** (October): 364-373.
- . 2008. “The origin of adaptive phenotypes.” *Proceedings of the National Academy of Sciences* **105** (9 September): 13193-13194.
- . 2012a. “Evolution of adaptive phenotypic traits without positive Darwinian selection.” *Heredity* **108** (April): 347-353.
- . 2012b. “The Folly of Scientism.” *The New Atlantis* (Fall): 32-50.
- . 2013. “Blinded by Science.” *Salvo Magazine* Fall issue 26 Supplement interview (online text at salvomag.com accessed 1/27/2014).
- Hughes, Austin L., Jack da Silva, & Robert Friedman.** 2001. “Ancient Genome Duplications Did Not Structure the Human *Hox*-Bearing Chromosomes.” *Genome Research* **11** (May): 771-780.
- Hughes, Colin E.** 2017. “Are there many different routes to becoming a global biodiversity hotspot?” *Proceedings of the National Academy of Sciences* **114** (25 April): 4306-4311.
- Hughes, Colin E., & Guy W. Atchison.** 2015. “The ubiquity of alpine plant radiations: from the Andes to the Hengduan Mountains.” *New Phytologist* **207** (July): 275-282.
- Hughes, Colin E., Reto Nyffeler, & H. Peter Linder.** 2015. “Evolutionary plant radiations: where, when, why and how?” *New Phytologist* **207** (July): 249-253.
- Hughes, D. P., D. J. C. Kronauer, & J. J. Boomsma.** 2008. “Extended Phenotype: Nematodes Turn Ants into Bird-Dispersed Fruits.” *Current Biology* **18** (8 April): R294-R295.
- Hughes, Elizah M., John R. Wible, Michelle Spaulding, & Zhe-Xi Luo.** 2015. “Mammalian Petrosal from the Upper Jurassic Morrison Formation of Fruita, Colorado.” *Annals of Carnegie Museum* **83** (15 May): 1-17.
- Hughes, George M.** 1998. “The gills of the coelacanth, *Latimeria chalumnae* Latimeriidae. What can they teach us?” *Italian Journal of Zoology* **65** (Supplement): 425-429.
- Hughes, Howard C.** 1999. *Sensory Exotica: A World Beyond Human Experience*. Cambridge, MA: MIT Press.
- Hughes, James R.** 1997. “An Examination of the Assumptions of ‘Eden’s Geography Erodes Flood Geology’.” *Creation Research Society Quarterly* **34** (December): 154-161.
- Hughes, Jennifer F., Helen Skaletsky, Laura G. Brown, Tatyana Pyntikova, Tina A. Graves, Robert S. Fulton, Shannon Dugan, Yan Ding, Christian J. Buhay, Colin Kremitzki, Qiaoyan Wang, Hua Shen, Michael Holder, Donna Villasana, Lynne V. Nazareth, Andrew Cree, Laura Courtney, Joelle Veizer, Holland Kotkiewicz, Ting-Jan Cho, Natalia Koutseva, Steve Rozen, Donna M. Muzny, Wesley C. Warren, Richard A. Gibbs, Richard K. Wilson, & David C. Page.** 2012. “Strict evolutionary conservation followed rapid gene loss on human and rhesus Y chromosomes.” *Nature* **483** (1 March): 82-86.
- Hughes, Jennifer F., Helen Skaletsky, Natalia Koutseva, Tatyana Pyntikova, & David C. Page.** 2015. “Sex chromosome-to-autosome transposition events counter Y-chromosome gene loss in mammals.” *Genome Biology* (online @ genomebiology.com) **16** (28 May): 104.
- Hughes, Jennifer F., Helen Skaletsky, Tatyana Pyntikova, Tina A. Graves, Saskia K. M. van Daalen, Patrick J. Minx, Robert S. Fulton, Sean D. McGrath, Devin P. Locke, Cynthia Friedman, Barbara J. Trask, Elaine R. Mardis, Wesley C. Warren, Sjoerd Repping, Steve Rozen, Richard K. Wilson, & David C. Page.** 2010. “Chimpanzee and human Y

- chromosomes are remarkably divergent in structure and gene content.” *Nature* **463** (29 January): 536-539.
- Hughes, Jennifer F., Helen Skaletsky, Tatyana Pyntikova, Patrick J. Minx, Tina Graves, Steve Rozen, Richard K. Wilson, & David C. Page.** 2005. “Conservation of Y-linked genes during human evolution revealed by comparative sequencing in chimpanzee.” *Nature* **437** (1 September): 100-103.
- Hughes, Jennifer Scheper.** 2010. “Narco-Violence and the Failure of the Church in Mexico.” *Religion Dispatches* 2 September posting (online text at religiondispatches.org accessed 9/3/2010).
- Hughes, Kimberly A., Anne E. Houde, Anna C. Price, & F. Helen Rodd.** 2013. “Mating advantage for rare males in wild guppy populations.” *Nature* **503** (7 November): 108-110.
- Hughes, Martin, Sylvain Gerber, & Matthew Albion Wills.** 2013. “Clades reach highest morphological disparity early in their evolution.” *Proceedings of the National Academy of Sciences* **110** (20 August): 13875-13879.
- Hughes, Nigel C.** 2000. “Creationism and the Emergence of Animals: The Original Spin.” *Reports of the National Center for Science Education* **20** (September-October): 16-22, 27.
- . 2003a. “Trilobite Tagmosis and Body Patterning from Morphological and Developmental Perspectives.” *Integrative and Comparative Biology (AKA American Zoologist)* **43** (February): 185-206.
- . 2003b. “Trilobite body patterning and the evolution of arthropod tagmosis.” *BioEssays* **25** (April): 386-395.
- . 2007. “The Evolution of Trilobite Body Patterning.” *Annual Review of Earth and Planetary Sciences* **35**: 401-434.
- Hughes, Nigel C., Ralph E. Chapman, & Jonathan M. Adrain.** 1999. “The stability of thoracic segmentation in trilobites: a case study in developmental and ecological constraints.” *Evolution & Development* **1** (July): 24-35.
- Hughes, Nigel C., & Giuseppe Fusco.** 2008. “GROWTH PROGRESSION IN TRILOBITES: A PRELIMINARY STUDY,” in Rábano *et al.* (2008, 195-198).
- Hughes, Nigel C., Joachim T. Haug, & Dieter Waloszek.** 2008. “Basal euarthropod development: a fossil-based perspective,” in Minelli & Fusco (2008, 279-296).
- Hughes, Randall A., & Andrew D. Ellington.** 2010. “Rational design of an orthogonal tryptophanyl nonsense suppressor tRNA.” *Nucleic Acids Research* **38** (October #19): 6813-6830.
- Hughes, Robert.** 1987. *The Fatal Shore*. New York: Alfred A. Knopf.
- Hughes, Sharon.** 2005. “The effects of evolution’s racist roots on students.” *RenewAmerica* 4 May posting (online text at www.renewamerica.com accessed 8/13/2013).
- Hughes, Stuart W.** 1983. “Textbook Publishers Face Scientists and Educators.” *Creation/Evolution* **4** (Spring): 33-34.
- . 1993. “Evolution vs. Creationism” (Letter to Editor). *The American Biology Teacher* **55** (September): 326-327.
- Hughes, Terry P., James T. Kerry, Mariana Álvarez-Noriega, Jorge G. Álvarez-Romero, Kristen D. Anderson, Andrew H. Baird, Russell C. Babcock, Maria Beger, David R. Bellwood, Ray Berkelmans, Tom C. Bridge, Ian R. Butler, Neal E. Cantin, Steeve Comeau, Sean R. Connolly, Graeme S. Cumming, Steven J. Dalton, Guillermo Diaz-Pulido, C. Mark Eakin, Will F. Figueira, James P. Gilmour, Hugo B. Harrison, Scott F. Heron, Andrew S. Hoey, Jean-Paul A. Hobbs, Mia O. Hoogenboom, Emma V. Kennedy, Chao-yang Kuo, Janice M. Lough, Ryan J. Lowe, Gang Liu, Malcolm T. McCulloch, Hamish A. Malcolm, Michael J. McWilliam, John M. Pandolfi, Rachel J. Pears, Morgan S. Pratchett, Verena Schoepf, Tristan Simpson, William J. Skirving, Brigitte Sommer, Gergely Torda, David R. Wachenfeld, Bette L. Willis, & Shaun K. Wilson.** 2017. “Global warming and recurrent mass bleaching of corals.” *Nature* **543** (16 March): 373-377.
- Hughes, Timothy, & Tor Erik Rusten.** 2007. “Origin and Evolution of Self-Consumption: Autophagy,” in Jékely (2007a, 111-118).

- Hughes, Virginia.** 2014a. “The sins of the father.” *Nature* **507** (6 March): 22-24.
- . 2014b. “Sperm RNA carries marks of trauma.” *Nature* **508** (17 April): 296-297.
- . 2015. “Ben Carson Once Did Research On Fetal Brain Tissue.” *BuzzFeed News* 13 August posting (online text at www.buzzfeed.com accessed 8/24/2015).
- Hughes, W. W.** 1979. “Precambrian and Paleozoic Glaciation?” *Geoscience Research Institute Origins* **6** (1): 49-51.
- Hughes, William O. H., A. N. M. Bot, & J. J. Boomsma.** 2010. “Caste-specific expression of genetic variation in the size of antibiotic-producing glands of leaf-cutting ants.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 February): 609-615.
- Hughes, William O. H., Benjamin P. Oldroyd, Madeleine Beekman, & Francisc L. W. Ratnieks.** 2008. “Ancestral Monogamy Shows Kin Selection Is Key to the Evolution of Eusociality.” *Science* **320** (30 May): 1213-1216.
- Hughes, William O. H., Seirian Sumner, Steven Van Borm, & Jacobus J. Boomsma.** 2003. “Worker caste polymorphism has a genetic basis in *Acromyrmex* leaf-cutting ants.” *Proceedings of the National Academy of Sciences* **100** (5 August): 9894-9397.
- Huh, Dann, & Johan Paulsson.** 2011. “Random partitioning of molecules at cell division.” *Proceedings of the National Academy of Sciences* **108** (6 September): 15004-15009.
- Huh, Gene S., Lisa M. Boulanger, Hongping Du, Patricio A. Riquelme, Tilman M. Brotz, & Carla J. Shatz.** 2000. “Functional Requirement for Class I MHC in CNS Development and Plasticity.” *Science* **290** (15 December): 2155-2159.
- Huh, Sung-Ho, Katja Närhi, Päivi H. Lindfors, Otso Häärä, Lu Yang, David M. Ornitz, & Marja L. Mikkola.** 2013. “Fgf20 governs formation of primary and secondary dermal condensations in developing hair follicles.” *Genes & Development* **27** (15 February): 450-458.
- Hui, Heijiu, Clive R. Neal, Chi-Yu Shih, & Laurence E. Nyquist.** 2013. “Petrogenetic association of the oldest lunar basalts: Combined Rb-Sr isotopic and trace element constraints.” *Earth and Planetary Science Letters* **373** (1 July): 150-159.
- Hui, Jerome H. L., Carmel McDougall, Ana S. Moneiro, Peter W. H. Holland, Detlev Arendt, Guillaume Balavoine, & David E. K. Ferrier.** 2012. “Extensive Chordate and Annelid Macrosyteny Reveals Ancestral Homeobox Gene Organization.” *Molecular Biology and Evolution* **29** (January): 157-165.
- Huigens, Martinus E., Foteini G. Pashalidou, Ming-Hui Qian, Tibor Bukovinszky, Hans M. Smid, Joop J. A. van Loon, Marcel Dicke, & Nina E. Fatouros.** 2009. “Hitch-hiking parasitic wasp learns to exploit butterfly antiaphrodisiac.” *Proceedings of the National Academy of Sciences* **106** (20 January): 820-825.
- Huigens, Martinus E., Jozef B. Woelke, Foteini G. Pashalidou, T. Bukovinszky, Hans M. Smid, & Nina E. Fatouros.** 2010. “Chemical espionage on species-specific butterfly anti-aphrodisiacs by hitchhiking *Trichogramma*.” *Behavioral Ecology* **21** (May-June): 470-478.
- Huitema, Edgar, Sean Pritchard, David Matteson, Sunish Kumar Radhakrishnan, & Patrick H. Viollier.** 2006. “Bacterial Birth Scar Proteins Mark Future Flagellum Assembly Site.” *Cell* **124** (10 March): 1025-1037.
- Hulbert, Richard C. Jr., Richard M. Petkewich, Gale A. Bishop, David Bukry, & David P. Aleshire.** 1998. “A New Middle Eocene Protocetid Whale (Mammalia: Cetacea: Archaeoceti) and Associated Biota from Georgia.” *Journal of Paleontology* **72** (September): 907-927.
- Huldtgren, Therese, John A. Cunningham, Chongyu Yin, Marco Stampanoni, Federica Marone, Philip C. J. Donoghue, & Stefan Bengtson.** 2011. “Fossilized Nuclei and Germination Structures Identify Ediacaran ‘Animal Embryos’ as Encysting Protists.” *Science* **334** (23 December): 1696-1699.
- . 2012. “Response to Comment on ‘Fossilized Nuclei and Germination Structures Identify Ediacaran ‘Animal Embryos’ as Encysting Protists’.” *Science* **335** (9 March): 1169.
- Hull, Christina M.** 2006. “Single gene control of a complex phenotype hangs in the balance.” *Proceedings of the National Academy of Sciences* **103** (22 August): 12659-12660.

- Hull, David L.** 1991. "God of the Galápagos." *Nature* **352** (8 August): 485-486.
- Hull, Edward.** 1890. "God in Nature: Some Theistic Arguments Drawn from Natural Phenomena." *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **24**: 141-153.
- Hull, Pincelli.** 2015. "Life in the Aftermath of Mass Extinctions." *Current Biology* **25** (5 October): R941-R952.
- Hull, Pincelli M., & Richard D. Norris.** 2009. "Evidence for abrupt speciation in a classic case of gradual evolution." *Proceedings of the National Academy of Sciences* **106** (15 December): 21224-21229.
- Hulot, G., C. Eymin, B. Langlais, M. Manda, & N. Olsen.** 2002. "Small-scale structure of the geodynamo inferred from Oersted and Magstat satellite data." *Nature* **416** (11April): 620-623.
- Hulsether, Lucia.** 2010. "The Fear is Real: A New View of Halloween 'Hell Houses'." *Religion Dispatches* 27 October posting (online text at religiondispatches.org accessed 10/29/2010).
- Hulsizer, Donna.** 1987. "Public Education on Trial." *Educational Leadership* (May): 12-16.
- Hult, Mikael, Tim Vidmar, Ulf Rosengard, Gerd Marissens, Guillaume Lutter, & Namik Sahin.** 2014. "Half-life measurements of lutelium-176 using underground HPGe-detectors." *Applied Radiation and Isotopes (AKA International Journal of Radiation Applications and Instrumentation. Part A. Applied Radiation and Isotopes)* **87** (May): 112-117.
- Hulva, P., A. Fornůskova, A. Chudárková, A. Evin, B. Allegrini, P. Benda, & J. Bryja.** 2010. "Mechanisms of radiation in a bat group from the genus *Pipistrellus* inferred by phylogeography, demography and population genetics." *Molecular Ecology* **19** (December #24): 5417-5431.
- Human Events.* 2009. "Catastrophe/The Darwin Myth." *Human Events Book Service* posting (online text at www.hebookservices.com accessed 7/20/2009).
- . 2011. "Human Events Petition." *Human Events* posting (online text at www.humanevents.com accessed 7/2/2011).
- Humayun, Munir.** 2013. "A Unique Piece of Mars." *Science* **339** (15 February): 771-772.
- Humayun, Munir, & Robert N. Clayton.** 1995. "Potassium isotope cosmochemistry: Genetic implications of volatile element depletion." *Geochimica et Cosmochimica Acta* **59** (June #10): 2131-2148.
- Humber, Paul G.** 1987. "No. 164—The Ascent of Racism." Institute for Creation Research *Impact* (February): i-iv.
- Humber, Paul G., ed. with Cecil Allen, Pal Asija, Jerry Bergman, Karen Bodner, David Bradbury, David Bump, Karl Crawford, William Curtis, Arv Edgeworth, John Elliott, Guy Forsythe, George Frater, Bryan Garrett, Paul Gosselin, Teno Groppi, Doug Harold, Tom Hennigan, Ian Juby, Larry Kisner, Karl Kunker, Rick Lanser, Steve Miller, Michael Oard, Hugh Owen, Stewart Reeve, Manny Rios, Andrew Rodenbeck, Dan Schobert, Doug Sharp, Ted Siek, Mark Stewart, Bendeguz Szuk, Charles Trotter, David Vonderheide, & Dan Watts.** 2011. "Reasons to Affirm A Global Flood." *Cornerstone Bible Church* posting of *CR Ministries* publication (online pdf at cornerstonebiblechurch.com accessed 8/2/2014).
- Humberg, Burt, & Ed Brayton.** 2005. "Kitzmiller et al versus Dover Area School District." *Skeptics Society* 20 December *eSkeptic* newsletter posting (online text at www.skeptic.com accessed 12/23/2005).
- Humes, Edward.** 2007. *Monkey Girl: Evolution, Education, Religion, and the Battle for America's Soul*. New York: The Ecco Press (HarperCollins).
- Huminiacki, Lukasz, & Carl H. Heldin.** 2010. "2R and remodeling of vertebrate signal transduction engine." *BMC Biology* (online @ biomedcentral.com) **8** (13 December): 146.
- Huminiacki, Lukasz, & Kenneth H. Wolfe.** 2004. "Divergence of Spatial Gene Expression Profiles Following Species-Specific Gene Duplications in Human and Mouse." *Genome Research* **14** (October): 1870-1879.
- Hummel, Jürgen, Carole T. Gee, Karl-Heinz Südekum, P. Martin Sander, Gunther Nogge, &**

- Marcus Clauss.** 2008. “*In vitro* digestibility of fern and gymnosperm foliage: implications for sauropod feeding ecology and diet selection.” *Proceedings of the Royal Society of London B* (Biological Sciences) **275** (7 May): 1015-1021.
- Hummer, Daniel R.** 2008. “Engaging an Antievolutionist on Transitional Fossils.” *AntiEvolution.org* 27 February posting (online text at www.antievolution.org accessed 12/22/2015).
- Humphrey, Nicholas.** 1992. *A History of the Mind*. New York: Simon & Schuster.
- . 2000. “The Power of Prayer.” *Skeptical Inquirer* **24** (May/June): 61.
- . 2011. “It takes a thief to catch a thief.” *Behavioral and Brain Sciences* **34** (1): 28.
- Humphrey, Nicholas, Stefan Mundlos, & Seval Türkmen.** 2008. “Genes and quadrupedal locomotion.” *Proceedings of the National Academy of Sciences* **105** (27 May): E26.
- Humphrey, Steve.** 2012a. “About Steve.” *Humphreyforhouse* campaign posting (online text at humphreyforhouse.org accessed 1/31/2013).
- . 2012b. “On the issues.” *Humphreyforhouse* campaign posting (online text at humphreyforhouse.org accessed 1/31/2013).
- Humphrey, Tom.** 2011. “Inheriting the Anti-Evolution Wind?” *Humphrey on the Hill* Knoxville (Tennessee) News Sentinel blog posting 28 February (online text at blogs.knoxnews.com accessed 1/31/2013).
- Humphreys, Aelys M., & Timothy G. Barraclough.** 2014. “The evolutionary reality of higher taxa in mammals.” *Proceedings of the Royal Society of London B* (Biological Sciences) **281** (22 May): 20132750.
- Humphreys, D. Russell.** 1984. “The Creation of Planetary Magnetic Fields.” *Creation Research Society Quarterly* **21** (December): 140-149.
- . 1993. “The Earth’s Magnetic Field Is Young.” *Institute for Creation Research Acts & Facts* (August): 8.
- . 2002. “Our galaxy is the centre of the universe, ‘quantized’ redshifts show.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **16** (2): 95-104.
- . 2005. “No. 384—Evidence for a Young World.” *Institute for Creation Research Impact* (June): i-iv.
- . 2008a. “The Creation of Cosmic Magnetic Fields,” in Snelling (2008b, 213-230).
- . 2008b. “Helium evidence for a young world continues to confound critics.” *Creation Ministries International* posting 29 November (online text at creation.com accessed 12/20/2011).
- . 2010. “Critics of helium evidence for a young world now seem silent.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **24** (1): 14-16.
- . 2012. “Zircons: God’s Tiny Nuclear Laboratories.” *Creation Research Society Creation Matters* (May/June): 1-2.
- Humphreys, D. Russell, Steven A. Austin, John R. Baumgardner, & Andrew A. Snelling.** 2004. “Helium Diffusion Age of 6,000 Years Supports Accelerated Nuclear Decay.” *Creation Research Society Quarterly* **41** (June): 1-16.
- . 2011. “Helium Diffusion Rates Support Accelerated Nuclear Decay.” *Answers in Genesis 2* February posting (online text at www.answersingenesis.org accessed 10/11/2013).
- Humphreys, Kenneth.** 2012. “Bart Ehrman: Did Jesus Exist?” *Jesus Never Existed* posting (online text at www.jesusneverexisted.com accessed 5/24/2013).
- Humphries, Courtney.** 2013. “Pigeon DNA proves Darwin right.” *Nature News* (31 January) posting (online text at nature.com accessed 1/31/2013).
- Humphries, Stuart, Richard H. C. Bonser, Mark P. Witton, & David M. Martill.** 2007. “Did Pterosaurs Feed by Skimming? Physical Modelling and Anatomical Evaluation of an Unusual Feeding Method.” *PLoS Biology* (online @ plosbiology.org) **5** (August): e204.
- Hundley, Kris.** 2011. “Billionaire’s role in hiring decisions at Florida State University raises questions.” *St. Petersburg Times* posting 10 May: online text accessed 5/17/2011 (www.tampabay.com).
- Hünemeier, Tábita, Jorge Gómez-Valdés, Mónica Ballesteros-Romero, Soledad de Azevedo,**

- Neus Martinez-Abadias, Mireia Esparza, Torstein Sjøvold, Sandro J. Bonato, Francisco Mauro Salzano, Maria Cátira Bortolini, & Rolando González-José.** 2012. "Cultural diversification promotes rapid phenotypic evolution in Xavante Indians." *Proceedings of the National Academy of Sciences* **109** (3 January): 73-77.
- Hung, Chih-Ming, Peri-Jen L. Shaner, Robert M. Zink, Wei-Chung Liu, Te-Chin Chu, Wen-San Huang, & Shou-Hsien Li.** 2014. "Drastic population fluctuations explain the rapid extinction of the passenger pigeon." *Proceedings of the National Academy of Sciences* **111** (22 July): 10636-10641.
- Hung, Hsiao-Yi, Laura M. Shannon, Feng Tian, Peter J. Bradbury, Charles Chen, Sherry A. Flint-Garcia, Michael D. McMullen, Doreen Ware, Edward S. Buckler, John F. Doebley, & James B. Holland.** 2012. "ZmCCT and the genetic basis of day-length adaptation underlying the postdomestication spread of maize." *Proceedings of the National Academy of Sciences* **109** (10 July): E1913-E1921.
- Hung, She-pin.** 2007. "Can Codon Context Explain the Effects of 'Silent Mutations' on Protein Structure and Function?" *Science* 23 March letter posting (online text at sciencemag.org accessed 8/27/2014)
- Hungar, Thomas G., Ian H. Gershengorn, & Douglas Laycock.** 2013. Oral argument before the Supreme Court of the United States (6 November) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf via www.supremecourt.gov accessed 4/9/2014).
- Hunley, Keith.** 2015. "Reassessment of global gene-language coevolution." *Proceedings of the National Academy of Sciences* **112** (17 February): 1919-1920.
- Hunsberger, Bruce.** 1999. "Social-Psychological Causes of Faith." *Free Inquiry* **19** (Summer): 34-37.
- Hunsberger, Bruce E., & Bob Altemeyer.** 2006. *Atheists: A Groundbreaking Study of America's Nonbelievers*. Amherst, NY: Prometheus Books.
- Hunt, Adrian P., Spencer G. Lucas, Karl Krainer, & Justin Spielmann.** 2006. "The taphonomy of the Cleveland-Lloyd Dinosaur Quarry, Upper Jurassic Morrison Formation, Utah: A re-evaluation." *New Mexico Museum of History and Science Bulletin* **36**: 57-65.
- Hunt, Angela Elwell.** 1985a. "Spiritual Counterfeits Project Battles Spiritual Deception." *Fundamentalist Journal* **4** (October): 28-30.
- . 1985b. "Cal Thomas on South Africa." *Fundamentalist Journal* **4** (October) *Special Report* insertion: 2.
- . 1987. "Henry Morris—Scientist and Christian." *Fundamentalist Journal* **6** (March): 53-54.
- Hunt, Arthur G.** 2007a. "Axe (2004) and the evolution of enzyme function." *Panda's Thumb* posting 14 January (online text at pandasthumb.org accessed 12/3/2009).
- . 2007b. "On the evolution of Irreducible Complexity." *Panda's Thumb* posting 1 May (online text at pandasthumb.org accessed 8/13/2014).
- . 2007c. "Reality 1, Behe 0." *Panda's Thumb* posting 22 July (online text at pandasthumb.org accessed 8/13/2014).
- . 2010a. "Signature in the Cell?" *The RNA Underworld* blog posting 3 January (online text at aghunt.wordpress.com accessed 1/3/2010).
- . 2010b. "Well that was interesting." *The RNA Underworld* blog posting 17 May (online text at aghunt.wordpress.com accessed 5/17/2010).
- Hunt, Brendan G., Karl M. Glastad, & Michael A. D. Goodisman.** 2013. "Genome composition, caste, and molecular evolution in eusocial insects." *Proceedings of the National Academy of Sciences* **110** (5 February): E445-E446.
- Hunt, Brendan G., Lino Ometto, Yannick Wurm, DeWayne Shoemaker, Soojin V. Yi, Laurent Keller, & Michael A. D. Goodisman.** 2011. "Relaxed selection is a precursor to the evolution of phenotypic plasticity." *Proceedings of the National Academy of Sciences* **108** (20 September): 15936-15941.
- Hunt, Brian.** 2011a. "Could it be The End of America?" *Townhall Magazine* 14 January (email text via TownHallmail.com accessed 1/15/2011).
- . 2011b. "Amazing drawings that could change your life." *Townhall Magazine* 8 February

- (email text via *TownHallmail.com* accessed 2/8/2011).
- . 2013. “One thing Obama hopes you never figure out.” *Townhall Magazine* 3 January (email text via *TownHallmail.com* accessed 1/3/2013).
- Hunt, Dave.** 1998. *Occult Invasion*. Eugene, OR: Harvest House Publishers.
- Hunt, David M., Livia S. Carvalho, Jill A. Cowing, & Wayne L. Davies.** 2009. “Evolution and spectral tuning of visual pigments in birds and mammals.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2941-2955.
- Hunt, Gene.** 2007a. “Variation and Early Evolution.” *Science* **317** (27 July): 459-460.
- . 2007b. “The relative importance of directional change, random walks, and stasis in the evolution of fossil lineages.” *Proceedings of the National Academy of Sciences* **104** (20 November): 18404-18408.
- . 2008. “Gradual or pulsed evolution: when should punctuational explanations be preferred?” *Paleobiology* **34** (August): 360-377.
- . 2010. “Evolution in Fossil Lineages: Paleontology and The Origin of Species.” *The American Naturalist* **176** (December): S61-S76.
- Hunt, Gene, Melanie J. Hopkins, & Scott Lidgard.** 2015. “Simple versus complex models of trait evolution and stasis as a response to environmental change.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4885-4890.
- Hunt, Kathleen.** 1997. “Transitional Vertebrate Fossils FAQ.” *The TalkOrigins Archive* 17 March updated posting (online text at *talkorigins.org* accessed 9/14/2016).
- Hunt, Mary E.** 2010. “Vatican Pitbulls Make Cardinal.” *Religion Dispatches* 21 October posting (online text at *religiondispatches.org* accessed 10/22/2010).
- . 2011. “Archbishop’s Theology is Wearing No Clothes.” *Religion Dispatches* 16 June posting (online text at *religiondispatches.org* accessed 6/17/2011).
- Hunt, Morton.** 1999. “The Biological Roots of Religion.” *Free Inquiry* **19** (Summer): 30-33.
- Hunt, Paul, Jenny Whiting, Stefan Nonchev, Mai-Har Sham, Heather Marshall, Anthony Graham, Martyn Cook, Rudolf Allemann, Peter W. J. Rigby, Massimo Gulisano, Antonio Faiella, Edoardo Boncinelli, & Robb Krumlauf.** 1991. “The branchial *Hox* code and its implications for gene regulation, patterning of the nervous system and head evolution.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) Supplement 2 (April): 63-77.
- Hunt, Simon, Jason Low, & K. C. Burns.** 2008. “Adaptive numerical competency in a food-hoarding songbird.” *Proceedings of the Royal Society of London B* (Biological Sciences) **275** (22 October): 2373-2379.
- Hunter, Ben, Jesse D. Hollister, & Kirsten Bomblies.** 2012. “Epigenetic Inheritance: What News for Evolution?” *Current Biology* **22** (24 January): R54-R56.
- Hunter, Chase Kyla.** 2009. “Pole Shift Survival, Safe Lands, Preparations, Resources.” 2012 *Pole Shift Witness* 13 February posting (online text at *2012poleshift.wetpaint.com* accessed 3/17/2012).
- . 2011. “Welcome to Alternative News Forum.” *Alternative News Report* 5 January posting (online text at *alternativenewsreport.net* accessed 3/17/2012).
- Hunter, Cornelius G.** 2001. *Darwin’s God: Evolution and the Problem of Evil*. Grand Rapids, MI: Brazos Press (Baker Book House).
- . 2003a. *Darwin’s Proof: The Triumph of Religion over Science*. Grand Rapids, MI: Brazos Press (Baker Book House).
- . 2003b. “Can intelligence be described scientifically?” *International Society For Complexity, Information, and Design* forum posting 9 March (online text at *iscid.org* accessed 1/22/2004).
- . 2004a. “Why Evolution Fails the Test of Science,” in Dembski (2004d, 195-214).
- . 2004b. “Response to Jason Rosenhouse.” *International Society For Complexity, Information, and Design* posting 28 August (online text at *iscid.org* accessed 5/7/2011).
- . 2009a. “Darwin’s Predictions.” *Darwin’s Predictions* 4 May update (online text at *darwinspredictions.com* accessed 6/1/2009).
- . 2009b. “David Penny: Religion Can be Subtle.” *Darwin’s Predictions* 2 June update

- (online text at *darwinspredictions.com* accessed 12/16/2009).
- . 2009c. “Epigenetic Inheritance: Can Evolution Adapt?” Discovery Institute *Evolution News & Views* for 11 June (online text at *evolutionnews.org* accessed 12/10/2012).
- . 2009d. “A Sermon by Jerry Coyne on Biogeography.” *Darwin’s God* 14 July posting (online text at *darwins-god.blogspot.com* accessed 7/15/2009).
- . 2009e. “Are Evolutionists Delusional (or just in denial)?” *Darwin’s Predictions* 27 July update (online text at *darwinspredictions.com* accessed 12/16/2009).
- . 2009f. “Then a Miracle Happens.” *Darwin’s God* 1 September posting (online text at *darwins-god.blogspot.com* accessed 5/14/2011).
- . 2009g. “No Precambrian Rabbits: Evolution Must Be True.” *Darwin’s God* 12 September posting (online text at *darwins-god.blogspot.com* accessed 2/22/2014).
- . 2009h. “De Novo Genes: The Evolutionary Explanation.” *Darwin’s God* 23 November posting (online text at *darwins-god.blogspot.com* accessed 11/29/2009).
- . 2009i. “De Novo Genes and Normal Science.” *Darwin’s God* 24 November posting (online text at *darwins-god.blogspot.com* accessed 11/29/2009).
- . 2009j. “Joe Felsenstein: Just Look at the Evidence.” *Darwin’s Predictions* 7 December update (online text at *darwinspredictions.com* accessed 12/16/2009).
- . 2010a. “Evolution: A One-in-a-Billion Shot.” *Darwin’s God* 24 March posting (online text at *darwins-god.blogspot.com* accessed 4/15/2010).
- . 2010b. “Scientific American: The Banality of Evil(ution).” *Darwin’s God* 30 March posting (online text at *darwins-god.blogspot.com* accessed 7/11/2010).
- . 2010c. “Let the Worship Begin.” *Darwin’s God* 15 May posting (online text at *darwins-god.blogspot.com* accessed 10/9/2013).
- . 2010d. “Jerry Coyne: Human Embryo Has Gill Slits.” *Darwin’s God* 12 June posting (online text at *darwins-god.blogspot.com* accessed 6/8/2012).
- . 2010e. “Why Coyne is False.” *Darwin’s God* 13 June posting (online text at *darwins-god.blogspot.com* accessed 6/8/2012).
- . 2010f. “The ‘H’ in Evolution.” *Darwin’s God* 29 June posting (online text at *darwins-god.blogspot.com* accessed 7/12/2010).
- . 2010g. “Random Mutations and the Heroics of Evolution.” *Darwin’s God* 14 July posting (online text at *darwins-god.blogspot.com* accessed 10/6/2010).
- . 2010h. “Evolutionary Thought in Action: The Subtlety of Metaphysics.” *Darwin’s God* 25 July posting (online text at *darwins-god.blogspot.com* accessed 7/26/2010).
- . 2010i. “Back to School: Do You Know What Your Child Is Leaning?” Discovery Institute *Evolution News & Views* for 26 July (online text at *evolutionnews.org* accessed 7/26/2010).
- . 2010j. “The Web Weavers.” *Darwin’s God* 28 July posting (online text at *darwins-god.blogspot.com* accessed 7/30/2010).
- . 2010k. “Eugene Koonin: The Pot Calls the Kettle Black.” *Darwin’s God* 25 November posting (online text at *darwins-god.blogspot.com* accessed 10/9/2013).
- . 2011. “Repeated acquisition and loss of complex body form characters: New Evidence for an Old Problem.” *Darwin’s God* 3 December posting (online text at *darwins-god.blogspot.com* accessed 1/23/2016).
- . 2012a. “ARMAN’s Novel Genes and Unique tRNA Editing.” *Darwin’s God* 4 March posting (online text at *darwins-god.blogspot.com* accessed 3/8/2012).
- . 2012b. “Top Microbiologist: Darwin was a priest.” *Darwin’s God* 5 March posting (online text at *darwins-god.blogspot.com* accessed 3/8/2012).
- . 2012c. “An Evolutionist Just Gave Up On a Fundamental Just-So Story (And Then Made Up Another to Replace it).” *Darwin’s God* 12 March posting (online text at *darwins-god.blogspot.com* accessed 6/6/2013).
- . 2012d. “You Won’t Believe What Evolutionists Are Celebrating Now.” *Darwin’s God* 19 April posting (online text at *darwins-god.blogspot.com* accessed 6/19/2012).
- . 2012e. “Evolutionists Don’t Take Kindly to Criticism.” *Darwin’s God* 20 April posting (online text at *darwins-god.blogspot.com* accessed 11/12/2013).
- . 2012f. “Four Biology Professors at Emory University Wrote This Letter Full of

- Misrepresentations (And More Than a Hundred Other Faculty Signed On).” *Darwin’s God* 8 May posting (online text at darwins-god.blogspot.com accessed 5/20/2012).
- . 2012g. “Evolutionary Blackballing No Longer in the Closet.” *Darwin’s God* 12 May posting (online text at darwins-god.blogspot.com accessed 5/20/2012).
- . 2012h. “Evolution Professor: ‘The Tree is All Wrong’.” *Darwin’s God* 28 June posting (online text at darwins-god.blogspot.com accessed 1/23/2016).
- . 2012i. “Ken Miller and Chromosome Fusion.” *Darwin’s God* 21 July repost of 12 October 2010 post (online text at darwins-god.blogspot.com accessed 8/17/2012).
- . 2012j. “Carl Zimmer Doubles Down on Chromosome Two Lies and Misdemeanors.” *Darwin’s God* 22 July posting (online text at darwins-god.blogspot.com accessed 8/17/2012).
- . 2013a. “The Exosome: RNA Degradation and Evolution.” *Darwin’s God* 6 February posting (online text at darwins-god.blogspot.com accessed 2/21/2013).
- . 2013b. “Here is Why the DNA Code is a Problem.” *Darwin’s God* 13 March posting (online text at darwins-god.blogspot.com accessed 10/30/2013).
- . 2013c. “Contradictory Trees: Evolution Goes 0 For 1,070.” *Darwin’s God* 11 June posting (online text at darwins-god.blogspot.com accessed 6/20/2013).
- . 2013d. “Here Are Those Incongruent Trees From the Yeast Genome.” *Darwin’s God* 13 June posting (online text at darwins-god.blogspot.com accessed 6/20/2013).
- . 2013e. “Evolutionist on Complexity: ‘To some extent, it just happens.’” *Darwin’s God* 24 July posting (online text at darwins-god.blogspot.com accessed 10/22/2013).
- . 2013f. “Here’s New Fossil Study That Found a Crack in Evolution.” *Darwin’s God* 30 July posting (online text at darwins-god.blogspot.com accessed 10/9/2013).
- . 2013g. “Minor Spliceosomes as Real Time Sensors in Gene Regulation.” *Darwin’s God* 24 August posting (online text at darwins-god.blogspot.com accessed 10/18/2013).
- . 2013h. “The Inexorable March of Convergent Evolution Continues.” *Darwin’s God* 11 September posting (online text at darwins-god.blogspot.com accessed 1/23/2016).
- . 2013i. “You Won’t Believe This New Epicycle: Incongruence is a Powerful Phylogenetic Signal.” *Darwin’s God* 7 October posting (online text at darwins-god.blogspot.com accessed 1/23/2016).
- . 2013j. “The Mystery of Extreme Non-Coding Conservation.” *Darwin’s God* 28 November posting (online text at darwins-god.blogspot.com accessed 1/23/2016).
- . 2014a. “Richard Dawkins: How Could Anyone ‘Possibly Doubt the Fact of Evolution’.” *Darwin’s God* 27 February posting (online text at darwins-god.blogspot.com accessed 1/23/2016).
- . 2014b. “Here is How the Cytoskeleton Evolved: Not Easy to Explain.” *Darwin’s God* 1 September posting (online text at darwins-god.blogspot.com accessed 5/25/2015).
- . 2015a. “The Trichodesmium Genome ‘defies common evolutionary dogma’.” *Darwin’s God* 25 April posting (online text at darwins-god.blogspot.com accessed 6/2/2016).
- . 2015b. “MicroRNA.” *Darwin’s Predictions* undated posting (online text at darwinspredictions.com accessed 6/2/2016).
- . 2015c. “The Dark Proteome and Dark Evolution.” *Darwin’s God* 23 November posting (online text at darwins-god.blogspot.com accessed 1/4/2017).
- . 2016a. “Stunning Evidence for Common Ancestry? S. Joshua Swamidass on the Chimp-Human Divergence.” Discovery Institute *Evolution News & Views* 11 May posting (online text at evolutionnews.org accessed 5/21/2016).
- . 2016b. “Local Fitness Landscape Mapped Out for Green Fluorescent Protein.” Discovery Institute *Evolution News & Views* 19 May posting (online text at evolutionnews.org accessed 5/25/2016).
- . 2016c. “Toward a Consensus: An Open Letter to BioLogos on the Genetic Evidence.” Discovery Institute *Evolution News & Views* 27 May posting (online text at evolutionnews.org accessed 6/2/2016).
- . 2016d. “The Naked Ape: An Open Letter to BioLogos on the Genetic Evidence, Cont.” Discovery Institute *Evolution News & Views* 28 May posting (online text at evolutionnews.org accessed 6/2/2016).

- . 2016e. “Human Chromosome Two: An Open Letter to BioLogos on the Genetic Evidence, Cont.” Discovery Institute *Evolution News & Views* 31 May posting (online text at evolutionnews.org accessed 6/2/2016).
- . 2016f. “Shared Errors: An Open Letter to BioLogos on the Genetic Evidence, Cont.” Discovery Institute *Evolution News & Views* 1 June posting (online text at evolutionnews.org accessed 6/1/2016).
- . 2016g. “Michael Skinner on Epigenetics: Stage Three Alert.” *Darwin’s God* 15 November posting (online text at darwins-god.blogspot.com accessed 2/18/2017).
- . 2016h. “Peppered Moth: How Evolution’s Poster Child Became the Rebuttal.” Discovery Institute *Evolution News & Views* 27 November posting (online text at evolutionnews.org accessed 11/28/2016).
- . 2016i. “A Single Mutation Makes Humans.” Discovery Institute *Evolution News & Views* 17 December posting (online text at evolutionnews.org accessed 12/18/2016).
- . 2017a. “Salamander Offers Two Evolutionary Quandaries: Non-Homologous Development and an ORFan.” Discovery Institute *Evolution News & Views* 4 January posting (online text at evolutionnews.org accessed 1/4/2017).
- . 2017b. “Fake Science: Mice Changing Color to Match Terrain Is ‘Evolution, Crystal Clear, in Every Detail’.” Discovery Institute *Evolution News & Views* 6 January posting (online text at evolutionnews.org accessed 1/6/2017).
- . 2017c. “Sugar Gliders, Flying Squirrels, and How Evolutionists Explain Away Uncooperative Data.” Discovery Institute *Evolution News & Views* 19 January posting (online text at evolutionnews.org accessed 1/28/2017).
- . 2017d. “Irony Alert: Michael Shermer on ‘When Facts Fail’.” Discovery Institute *Evolution News & Views* 21 January posting (online text at evolutionnews.org accessed 1/28/2017).
- . 2017e. “Evolution as Carpenter: Scientist Concludes Repetitive Elements ‘Are an Important Toolkit’.” Discovery Institute *Evolution News & Views* 24 January posting (online text at evolutionnews.org accessed 1/26/2017).
- . 2017f. “Sea Anemone Is a Proverbial ‘Precambrian Rabbit’.” Discovery Institute *Evolution News & Views* 27 January posting (online text at evolutionnews.org accessed 2/3/2017).
- . 2017g. “New Evolution Book: Echolocation Solved.” *Darwin’s God* 10 April posting (online text at darwins-god.blogspot.com accessed 4/10/2017).
- . 2017h. “Erroneously, Evolutionists Recruit the Galileo Affair to Their Service.” Discovery Institute *Evolution News & Science Today* 29 March posting (online text at evolutionnews.org accessed 4/30/2017).
- . 2017i. “The Real Problem With Convergence.” Discovery Institute *Evolution News & Science Today* 25 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017j. “Does Similarity Imply Common Ancestry?” Discovery Institute *Evolution News & Science Today* 31 July posting (online text at evolutionnews.org accessed 7/31/2017).
- Hunter, Dana.** 2015. “Wallace’s Woeful Wager: How a Founder of Modern Biology Got Suckered by Flat Earthers.” *Rosetta Stones* blog for 12 January (online text at blogs.scientificamerican.com accessed 1/9/2016).
- Hunter, George William.** 1914. *A Civic Biology: Presented in Problems*. New York: American Book Company.
- Hunter, Graeme.** 2004. “Dim Lights.” *Touchstone* (July/August): online text accessed 11/5/2010 (www.touchstonemag.com).
- Hunter, Jane.** 2007. “Christian right does not have the brains to govern, a founder of movement says.” *Jews On First!* 6 January posting (online text at www.jewsonfirst.org accessed 4/13/2014).
- Hunter, Joel E., Larry Snyder, Kathy Dahlkemper, Rick Warren, Gabe Lyons, Stephen Schneck, Michael Wear, Stephanie Summers, Noel Castellanos, Michael Lindsay, Andy Crouch, Stephan Bauman, Jenny Yang, & Bill Blacchiere.** 2014. Letter to President Barack Obama (1 July) posting (online pdf at www.scribd.com accessed 7/3/2014).

- Hunter, John P., & Jukka Jernvall.** 1995. "The hypocone as a key innovation in mammalian evolution." *Proceedings of the National Academy of Sciences* **92** (7 November): 10718-10722.
- Hunter, M. D., S. B. Eickhoff, T. W. R. Miller, T. F. D. Farrow, I. D. Wilkinson, & P. W. Woodruff.** 2006. "Neural activity in speech-sensitive auditory cortex during silence." *Proceedings of the National Academy of Sciences* **103** (3 January): 189-194.
- Hunter, M. J.** 2008. "The Precambrian and the biblical record—harmony or contradiction?" *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (3): 45-46.
- Hunter, Melanie.** 2008. "Darwinists Spar With Scientists Over Theories of Evolution." Cybercast (formerly Conservative) New Service *CNSnews* 7 July posting (online text at *cnsnews.com* accessed 12/3/2012).
- Hunter, Paul R., Andrew S. Lowe, Ian D. Thompson, & Martin P. Meyer.** 2013. "Emergent Properties of the Optic Tectum Revealed by Population Analysis of Direction and Orientation Selectivity." *The Journal of Neuroscience* **33** (28 August): 13940-13945.
- Hunter, Paul R., Nikolas Nikolaou, Benjamin Odermatti, Philip R. Williams, Uwe Drescher, & Martin P. Meyer.** 2011. "Localization of Cadm2a and Cadm3 proteins during development of the zebrafish nervous system." *Journal of Computational Biology* **519** (1 August): 2252-2270.
- Hunter, Philip.** 2008. "The great leap forward." *EMBO Reports* **9** (July): 608-611.
- . 2013. "XNA marks the spot." *EMBO Reports* **14** (May): 410-413.
- Hunter, Richard G., Gen Murakami, Scott Dewell, Ma'ayan Seligsohn, Miriam E. R. Baker, Nicole A. Datson, Bruce S. McEwen, & Donald W. Pfaff.** 2012. "Acute stress and hippocampal histone H₃ lysine 9 trimethylation, a retrotransposon silencing response." *Proceedings of the National Academy of Sciences* **109** (23 October): 17657-17662.
- Hunter, S. E., D. Wilkinson, J. Stanford, D. A. V. Stow, S. Bacon, A. M. Akhmetzhanov, & N. H. Kenyon.** 2007. "The Eirik Drift: a long-term barometer of North Atlantic deepwater flux south of Cape Farewell, Greenland." *Geological Society, London, Special Publications* **276**: 245-263.
- Hunter, Steven B.** 2000. "Darwinism in 'Crisis'—Again." *Reports of the National Center for Science Education* **20** (January-April): 54-55.
- Huntingford, Chris, Philip D. Jones, Valerie N. Livina, Timothy M. Lenton, & Peter M. Cox.** 2013. "No increase in global temperature variability despite changing regional patterns." *Nature* **500** (15 August): 327-330.
- Huntingford, Chris, Lina Mercado, & Eric Post.** 2013. "The timing of climate change." *Nature* **502** (10 October): 174-175.
- Huntley, Chris, & Tim Peeters.** 2005. "Paranormal Beliefs, Religious Beliefs and Personality Correlates." Manchester Metropolitan University (U.K.) April speech (online text at *users.telenet.be/allemeesch/KlinPsy/public/Beliefs&Personality.htm* accessed 11/9/2010).
- Hunziker, Alexander, Csaba Tuboly, Péter Horváth, Sandeep Krishna, & Szabolcs Semsey.** 2010. "Genetic flexibility of regulatory networks." *Proceedings of the National Academy of Sciences* **107** (20 July): 12998-13003.
- Hupé, Jean-Michel.** 2017. "Comment on 'Ducklings imprint on the relational concept of "same or different"'." *Science* **355** (24 February): 806.
- Huppert, Herbert E., & R. Stephen J. Sparks.** 1988a. "The fluid dynamics of crustal melting by injection of basaltic sills." *Transactions of the Royal Society of Edinburgh: Earth Sciences* **79** (January): 237-243.
- . 1988b. "The Generation of Granitic Magmas by Intrusion of Basalt into Continental Crust." *Journal of Petrology* **29** (3): 599-624.
- Hur, Yoon-Mi.** 2013. "J.P. Rushton's contributions to the study of altruism." *Personality and Individual Differences* **55** (July): 247-250.
- Hurd, Elizabeth Shakman.** 2014. "International 'Religious Freedom' Agenda Will Only Embolden ISIS." *Religion Dispatches* 10 November (online text at *religiondispatches.org* accessed 11/11/2014).

- Hurd, Gary S.** 1999. “Boiled Creationist with a Side of Hexaglycine: Sarfati onImai et al. (1999).” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 7/11/2008).
- . 2004a. “Stones, Bones, and Groans.” *Panda’s Thumb* posting 27 March (online text at pandasthumb.org accessed 12/26/2013).
- . 2004b. “Ancient Molecules and Modern Myths.” *Panda’s Thumb* posting 13 June (online text at pandasthumb.org accessed 5/9/2005).
- . 2004c. “Oard’s Moonbeam.” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 7/10/2008).
- . 2005a. “Swallow Hard Fred, It’s a caterpillar!” *Panda’s Thumb* posting 15 March (online text at pandasthumb.org accessed 9/8/2011).
- . 2005b. “Dino Blood Redux.” *Talk Reason* revised posting (online text at talkreason.org accessed 5/9/2005).
- . 2008. “Why Re-Invent the Crystal?” *Reports of the National Center for Science Education* **28** (September-December): 54-55.
- . 2009. “Emergence of New Species.” *Stones and Bones* 14 March posting (online text at stonesnbones.blogspot.com accessed 3/12/2012).
- . 2011a. “Baleen whale evolution and creationists.” *Stones and Bones* 23 August posting (online text at stonesnbones.blogspot.com accessed 7/29/2012).
- . 2011b. “Dismissing ‘catastrophic plate tectonics’.” *Stones and Bones* 19 November posting (online text at stonesnbones.blogspot.com accessed 10/19/2014).
- . 2011c. “Rabbi Averick and the origin of life.” *Stones and Bones* 19 December posting (online text at stonesnbones.blogspot.com accessed 12/22/2011).
- . 2012a. “Joseph A. Kuhn, MD. Part 1.” *Stones and Bones* 6 February posting (online text at stonesnbones.blogspot.com accessed 3/12/2012).
- . 2012b. “Joseph A. Kuhn, MD. Part 2.” *Stones and Bones* 7 February posting (online text at stonesnbones.blogspot.com accessed 3/12/2012).
- . 2012c. “Creatocrap from James Nienhuis, Article 1, part 1.” *Stones and Bones* 3 December posting (online text at stonesnbones.blogspot.com accessed 3/7/2013).
- . 2012d. “Creatocrap from James Nienhuis, Article 1, part 2.” *Stones and Bones* 4 December posting (online text at stonesnbones.blogspot.com accessed 3/7/2013).
- Hurford, Amy, & Troy Day.** 2013. “Immune Evasion and the Evolution of Molecular Mimicry in Parasites.” *Evolution* **67** (October): 2889-2904.
- Hurford, James R.** 2001. “Random Boolean Nets and Features of Language.” *IEEE Transactions on Evolutionary Computation* **5** (April): 111-116.
- . 2003a. “The Neural Basis of Predicate-Argument Structure.” *Behavioral and Brain Sciences* **26** (3): 261-283, 311-316.
- . 2003b. “Ventral/dorsal, predicate/argument: The transformation from perception to meaning.” *Behavioral and Brain Sciences* **26** (3): 301-311.
- . 2008. “Niche-construction, co-evolution, and domain-specificity.” *Behavioral and Brain Sciences* **31** (5): 526.
- Hurlbut, Catherina.** 2001. “Academic Freedom’s Foes Squelch Darwinism’s Critics: Pay No Attention to the Man Behind the Curtain.” *Concerned Women for America* 23 August posting (online text at www.cwfa.org accessed 2/28/2002, not available as of 1/23/2014).
- Hurlbut, Terry A.** 2010a. “Discordant radiometric dates present recurring problems.” *National creationism* posting 6 February (online text at www.examiner.com accessed 5/6/2011).
- . 2010b. “The Big Bang is a big bust.” *Creationism Examiner* posting 19 March (online text at www.examiner.com accessed 8/19/2014).
- . 2010c. “Historical references to live dinosaurs.” *National creationism* posting 26 July (online text at www.examiner.com accessed 5/6/2011).
- . 2010d. “Dinosaurs in ancient folklore.” *National creationism* posting 26 July (online text at www.examiner.com accessed 5/6/2011).
- . 2010e. “Live dinosaurs more recent than appreciated.” *National creationism* posting 1 August (online text at www.examiner.com accessed 5/6/2011).

- . 2010f. “Mention of dinosaurs in the Bible.” *National creationism* posting 2 August (online text at www.examiner.com accessed 5/6/2011).
- . 2010g. “Big Bang revisited.” *Creationism Examiner* posting 3 September (online text at www.examiner.com accessed 8/19/2014).
- . 2011a. “Obama birth certificate does not satisfy.” *Conservative News and Views* posting 28 April (online text at www.conservativenewsandviews.com accessed 5/6/2011).
- . 2011b. “Creation advocates start campaign to ‘question evolution’.” *Conservative News and Views* posting 4 May (online text at www.conservativenewsandviews.com accessed 5/6/2011).
- . 2011c. “Creation advocates start campaign to ‘question evolution’.” *National creationism* posting 4 May (online text at www.examiner.com accessed 5/6/2011).
- . 2011d. “Hydroplate theory v. catastrophic plate tectonics.” *Conservative News and Views* posting 14 December (online text at www.conservativenewsandviews.com accessed 10/19/2014).
- . 2012. “Midnight Movie Massacre: set up?” *Conservative News and Views* posting 21 July (online text at www.conservativenewsandviews.com accessed 8/13/2012).
- Hurles, Matthew.** 2004. “Gene Duplication: The Genomic Trade in Spare Parts.” *PLoS Biology* (online @ plosbiology.org) **2** (July): e206.
- Hurley, Imogen A., Rachel Lockridge Mueller, Katherine A. Dunn, Eric J. Schmidt, Matt Friedman, Robert K. Ho, Victoria E. Prince, Ziheng Yang, Mark G. Thomas, & Michael I. Coates.** 2007. “A new time-scale for ray-finned fish evolution.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 February): 489-498.
- Hurley, James H., Ridong Chen, & Antony M. Dean.** 1996. “Determinants of Cofactor Specificity in Isocitrate Dehydrogenase: Structure of an Engineered NADP⁺ → NAD⁺ Specificity-Reversal Mutant.” *Biochemistry* **35** (7 May): 5670-5678.
- Hurley, Jennifer M., & Jay C. Dunlap.** 2013. “A fable of too much too fast.” *Nature* **495** (7 March): 57-58.
- Hurst, Laurence D.** 2013. “Open questions: A logic (or lack thereof) of genome organization.” *BMC Biology* (online @ biomedcentral.com) **11** (28 May): 58.
- Hurst, Laurence D., Edward J. Feil, & Eduardo P. C. Rocha.** 2006. “Protein evolution: Causes of trends in amino-acid gain and loss.” *Nature* **442** (24 August): E11-E12.
- Hurst, Laurence D., & Joel R. Peck.** 1996. “Recent advances in understanding of the evolution and maintenance of sex.” *Trends in Ecology & Evolution* **11** (February): 46-52.
- Hurst, Laurence D., & James P. Randerson.** 2002. “Parasitic Sex Puppeteers.” *Scientific American* **286** (April): 56-61.
- Hurtado de Mendoza, Diego, & Ricardo Braginski.** 1999. “Y Chromosomes Point to Native American Adam.” *Science* **283** (5 March): 1438-1440.
- Hurtgen, Matthew T.** 2003. “Ancient oceans and oxygen.” *Nature* **423** (5 June): 592.
- . 2012. “The Marine Sulfur Cycle, Revisited.” *Science* **337** (20 July): 305-306.
- Hurtley, Stella M., & Jean Marx.** 2004. “Dangerous—and Not So Dangerous—Liaisons.” *Science* **304** (9 April): 233.
- Hurum, Jørn M., Robert Presley, & Zofia Kielan-Jaworowka.** 1996. “The middle ear in multituberculate mammals.” *Acta Palaeontologica Polonica* **41** (3): 253-275.
- Hurum, Jørn M., Zhe-Xi Luo, & Zofia Kielan-Jaworowka.** 2006. “Were mammals originally venomous?” *Acta Palaeontologica Polonica* **51** (1): 1-11.
- Huse, Scott M.** 1997. *The Collapse of Evolution*. 3rd ed. Grand Rapids, MI: Baker Books.
- Huseynov, Alik, Christoph P. E. Zollikofer, Walter Coudyzer, Dominic Gascho, Christian Kellenberger, Ricarda Hinzpeter, & Marcia S. Ponce de León.** 2016. “Developmental evidence for obstetric adaptation of the human female pelvis.” *Proceedings of the National Academy of Sciences* **113** (10 May): 5227-5232.
- Husnik, Filip, Tomas Chrudimsky, & Vaclav Hypsa.** 2011. “Multiple origins of endosymbiosis within the Enterobacteriaceae (gamma-Proteobacteria): convergence of complex phylogenetic approaches.” *BMC Biology* (online @ biomedcentral.com) **9** (28 December): 87.

- Husnik, Filip, & John P. McCutcheon.** 2016. “Repeated replacement of an intrabacterial symbiont in the tripartite nested mealybug symbiosis.” *Proceedings of the National Academy of Sciences* **113** (13 September): E5416-E5424.
- Hussain, Ashiq, Luis R. Saraiva, & Sigrun I. Korsching.** 2009. “Positive Darwinian selection and the birth of an olfactory receptor clade in teleosts.” *Proceedings of the National Academy of Sciences* **106** (17 March): 4313-4318.
- Hussain, Javeed, Guangxiao Yang, & Guangyuan He.** 2014. “Membrane heredity composed by symbiogenesis.” *Journal of Plant Sciences* **2** (April): 82-88.
- Hussain, Mazhar, Francesca D. Frentiu, Luciano A. Moreira, Scott A. O’Neill, & Sassan Asgari.** 2011. “*Wolbachia* uses host microRNAs to manipulate host gene expression and facilitate colonization of the dengue vector *Aedes aegypti*.” *Proceedings of the National Academy of Sciences* **108** (31 May): 9250-9255.
- Hussain, Tanweer, Venu Kamarthapu, Shobha P. Kruparani, Mandar V. Deshmukh, & Rajan Sankaranarayanan.** 2010. “Mechanistic insights into cognate substrate discrimination during proofreading in translation.” *Proceedings of the National Academy of Sciences* **107** (21 December): 22117-22121.
- Hussein, Samer M., Nizar N. Batada, Sanna Vuoristo, Reagan W. Ching, Reija Autio, Elisa Närvä, Siemon Ng, Michael Sourour, Riikka Hämäläinen, Cia Olsson, Karolina Lundin, Milla Mikkola, Ras Trokovic, Michael Peitz, Oliver Brüstle, David P. Bazett-Jones, Kari Alitalo, Riitta Lahesmaa, Andras Nagy, & Timo Otonkoski.** 2011. “Copy number variation and selection during reprogramming to pluripotency.” *Nature* **471** (3 March): 58-62.
- Husted, Russell.** 2002a. “At Last: Science Discovers the Intelligent Design of Evolutionary Processes in Genetics.” *In This Place* posting (online text at www.in-this-place.org accessed 2/18/2004).
- . 2002b. “Beauty: By Evolution, or Creative Design?” *In This Place* posting (online text at www.in-this-place.org accessed 2/18/2004).
- . 2002c. “Genesis, Paraphrased & with Commentary.” *In This Place* posting (online text at www.in-this-place.org accessed 2/18/2004).
- Hustert, Reinhold, Matthias Frisch, Alexander Böhm, & Günther Pass.** 2014. “A new kind of auxiliary heart in insects: functional morphology and neuronal control of the accessory pulsatile organs of the cricket ovipositor.” *Frontiers in Zoology* (online @ frontiersinzoology.com) **11** (8 June): 43.
- Hutchens, S. M.** 2004. “Reversing the Charges.” *Touchstone* (July/August): online text accessed 11/5/2010 (www.touchstonemag.com).
- Hutcheson, Peter.** 1986. “Evolution and Testability.” *Creation/Evolution* **6** (Summer): 1-8.
- Hutchinson, C. Richard.** 2003. “Polyketide and non-ribosomal synthases: Falling together by coming apart.” *Proceedings of the National Academy of Sciences* **100** (18 March): 3010-3012.
- Hutchinson, Deborah A., Akira Mori, Alan H. Savitzky, Gordon M. Burghardt, Xiaogang Wu, Herrold Meinwald, & Frank C. Schroeder.** 2007. “Dietary sequestration of defensive steroids in nuchal glands of the Asian snake *Rhabdophis tigrinus*.” *Proceedings of the National Academy of Sciences* **104** (13 February): 2265-2270.
- Hutchinson, Ian H.** 1996. “Michael Faraday: Scientist and Nonconformist.” *MIT Independent Activities Period* “The Faith of Great Scientists” 14 January seminar posting (online text at silas.psf.mit.edu accessed 5/23/2014).
- . 2006. “James Clerk Maxwell and the Christian Proposition.” *MIT Independent Activities Period* “The Faith of Great Scientists” revised posting of January 1998 seminar (online text at silas.psf.mit.edu accessed 5/23/2014).
- . 2010. “Engaging Today’s Militant Atheist Arguments.” *The BioLogos Foundation* November position paper posting (online pdf at biologos.org accessed 6/1/2014).
- Hutchinson, John R.** 2001. “The evolution of femoral osteology and soft tissues on the line to extant birds (Neornithes).” *Zoological Journal of the Linnean Society* **131** (February): 169-197.

- . 2014. “Dynasty of the plastic fish.” *Nature* **513** (4 September): 37-38.
- Hutchinson, John R., & Vivian Allen.** 2009. “The evolutionary continuum of limb function from early theropods to birds.” *Naturwissenschaften* **96** (April): 423-448.
- Hutchinson, John R., Frank C. Anderson, Silvia S. Blemker, & Scott L. Delp.** 2005. “Analysis of hindlimb muscle moment arms in *Tyrannosaurus rex* using a three-dimensional musculoskeletal computer model: implications for stance, gait, and speed.” *Paleobiology* **31** (December): 676-701.
- Hutchinson, John R., Cyrille Delmer, Charlotte E. Miller, Thomas Hildebrandt, Andrew A. Pitsillides, & Alan Boyle.** 2011. “From Flat Foot to Fat Foot: Structure, Ontogeny, Function, and Evolution of Elephant ‘Sixth Toes’.” *Science* **334** (23 December): 1699-1703.
- Hutchinson, John R., & Kevin Padian,** “Carnosauria,” in Currie & Padian (1997, 94-97).
- Hutchinson, Mark N., Adam Skinner, & Michael S. Y. Lee.** 2012. “*Tikiguania* and the antiquity of squamate reptiles (lizards and snakes).” *Royal Society Biology Letters* **8** (August): 665-669.
- Hutchinson, Robert J.** 2007. *The Politically Incorrect Guide™ to the Bible*. Washington, D.C.: Regnery Publishing, Inc.
- Hutchinson, Sikivu.** 2013. “The Racial Politics of Atheism.” *Religion Dispatches* 14 May (online text at religiondispatches.org accessed 5/22/2013).
- Hutchison, Clyde A. III, Scott N. Peterson, Steven R. Gill, Robert T. Cline, Owen White, Claire M. Fraser, Hamilton O. Smith, & J. Craig Venter.** 1999. “Global Transposon Mutagenesis and a Minimal Mycoplasma Genome.” *Science* **286** (10 December): 2165-2169.
- Hutchison, Clyde A. III, Ray-Yuan Chuang, Vladimir N. Noskov, Nacyra Assad-Garcia, Thomas J. Deerinck, Mark H. Eillisman, John Gill, Krishna Kannan, Bogumil J. Karas, Li Ma, James F. Pelletier, Zhi-Qing Qi, R. Alexander Richter, Elizabeth A. Strychalski, Lijie Sun, Yo Suzuki, Billyana Tsvetanova, Kim S. Wise, Hamilton O. Smith, John I. Glass, Chuck Merryman, Daniel G. Gibson, & J. Craig Venter.** 2016. “Design and synthesis of a minimal bacterial genome.” *Science* **351** (25 March): 1414.
- Hutchison, Fred.** 2002. “Design and Evolution: Report on the Debate before the Ohio Board of Education about Intelligent.” *Center for the Renewal of Science & Culture* 11 March posting (online text at discovery.org accessed 4/30/2002, not available as of 3/10/2014).
- . 2005a. “A critique of Einstein.” *RenewAmerica* 28 January posting (online text at www.renewamerica.com accessed 8/13/2013).
- . 2005b. “Evolution vs. intelligent design: which model has more integrity?” *RenewAmerica* 18 August posting (online text at www.renewamerica.com accessed 8/13/2013).
- . 2006. “A dilettante debates the scientists.” *RenewAmerica* 3 March posting (online text at www.renewamerica.com accessed 8/13/2013).
- . 2007. “The one world cult, Darwin, and Einstein.” *RenewAmerica* 29 October posting (online text at www.renewamerica.com accessed 8/13/2013).
- . 2008. “Einstein’s Potemkin villages.” *RenewAmerica* 16 June posting (online text at www.renewamerica.com accessed 8/13/2013).
- Huter, Paul, Claudia Müller, Bertrand Beckert, Stefan Arenz, Otto Berninghausen, Roland Beckmann, & Daniel N. Wilson.** 2017. “Structural basis for ArfA—RF2-mediated translation termination on mRNAs lacking stop codons.” *Nature* **541** (26 January): 546-549.
- Huterer, Dragon.** 2007. “Why is the solar system cosmically aligned?” *Astronomy* (December): 38-43.
- Huth, Alexander G., Wendy A. de Heer, Thomas L. Griffiths, Frédéric E. Theunissen, & Jack L. Gallant.** 2016. “Natural speech reveals the semantic maps that tile the human cerebral cortex.” *Nature* **532** (28 April): 453-458.
- Hutson, Jonathan.** 2014. “RINO Says His Dino Proves Noah’s Flood – Wha Wha What?” *Daily Kos* 23 March posting (online text at www.dailykos.com accessed 5/23/2014).

- Hutson, Matthew.** 2012a. *The 7 Laws of Magical Thinking: How Irrational Beliefs Keep Us Happy, Healthy, and Sane.* New York: Hudson Street Press (Penguin).
- . 2012b. “Does Autism Lead to Atheism?” *Psyched!* posting 30 May (online text at *psychologytoday.com* accessed 8/10/2014).
- Hutt, Darren, & William E. Balch.** 2010. “The Proteome in Balance.” *Science* **329** (13 August): 766-767.
- Hüttenhofer, Alexander, Peter Schattner, & Norbert Polacek.** 2005. “Non-coding RNAs: hope or hype?” *Trends in Genetics* **21** (May): 289-297.
- Huttenlocker, Adam.** 2009. “An investigation into the cladistic relationships and monophyly of therocephalian therapsids (Amniota: Synapsida).” *Zoological Journal of the Linnean Society* **157** (December): 865-891.
- Huttenlocker, Adam K., David Mazierski, & Robert R. Reisz.** 2011. “Comparative Osteohistology of Hyperelongate Neural Spines in the Edaphosauridae (Amniota: Synapsida).” *Palaeontology* **54** (May): 573-590.
- Huttenlocker, Adam K., & Elizabeth Rega.** 2011. “The Paleobiology and Bone Microstructure of Pelycosaurian-Grade Synapsids,” in Chinsamy-Turan (2011, 91-119).
- Huttenlocker, Adam K., Elizabeth Rega, & Stuart S. Sumida.** 2010. “Comparative anatomy and osteohistology of hyperelongate neural spines in the sphenacodontids *Sphenacodon* and *Dimetrodon* (Amniota: Synapsida).” *Journal of Morphology* **271** (December): 1407-1421.
- Huttner, Wieland B., & Anne A. Schmidt.** 2002. “Membrane curvature: a case of endofeelin’....” *Trends in Cell Biology* **12** (April): 155-158.
- Huttunen, Annamarie W., Geoffrey K. Adams, & Michael L. Platt.** 2017. “Can self-awareness be taught? Monkeys pass the mirror test—again.” *Proceedings of the National Academy of Sciences* **114** (28 March): 3281-3283.
- Hutvágner, György, & Phillip D. Zamore.** 2002. “A microRNA in a Multiple-Turnover RNAi Enzyme Complex.” *Science* **297** (20 September): 2056-2060.
- Huxley, Thomas H.** 1863. *Man’s Place in Nature.* 1959 pb ed. Ann Arbor, MI: The University of Michigan Press.
- . 1893. *Science and Hebrew Tradition.* New York: D. Appleton & Co.
- . 1896. *Science and Christian Tradition.* New York: D. Appleton & Co.
- Huxley, Tommy.** 1999. “Kent Hovind is a Kwazy Kweationist.” *Skeptic Friends Network* Fan Mail posting (online text at *www.skpeticfriends.org* accessed 1/31/2002).
- . 2002. “Preaching that Anti-Evolution Propaganda.” *Skeptic Friends Network* 20 April posting (online text at *www.skpeticfriends.org* accessed 9/9/2013).
- Huybers, Peter.** 2009. “Antarctica’s Orbital Beat.” *Science* **325** (28 August): 1085-1086.
- . 2011. “Combined obliquity and precision pacing of late Pleistocene deglaciations.” *Nature* **480** (8 December): 229-232.
- Huynen, Leon, Brian J. Gill, Craig D. Millar, & David M. Lambert.** 2010. “Ancient DNA reveals extreme egg morphology and nesting behavior in New Zealand’s extinct moa.” *Proceedings of the National Academy of Sciences* **107** (7 September): 16201-16206.
- Huynen, Leon, Takayuki Suzuki, Toshihiko Ogura, Yusuke Watanabe, Craig D. Millar, Michael Hofreiter, Craig Smith, Sara Mirmoeini, & David M. Lambert.** 2014. “Reconstruction and *in vivo* analysis of the extinct *tbx5* gene from ancient wingless moa (Aves: Dinornithiformes).” *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **14** (14 May): 75.
- Huynen, Martijn A., & Peer Bork.** 1998. “Measuring genome evolution.” *Proceedings of the National Academy of Sciences* **95** (26 May): 5849-5856.
- Huynen, Martijn A., Thomas Dandekar, & Peer Bork.** 1999. “Variation and evolution of the citric-acid cycle: a genomic perspective.” *Trends in Microbiology* **7** (1 July): 281-291.
- Hvidberg, Christine S.** 2016. “Ice sheet in peril.” *Science* **351** (5 February): 562-563.
- Hvilsom, Christiana, Yu Qian, Thomas Bataillon, Yingrui Li, Thomas Mailund, Bettina Sallé, Frands Carlsen, Ruiqiang Li, Hancheng Zheng, Tao Jiang, Hui Jiang, Xin Jin, Kasper Munch, Asger Hobolth, Hans R. Siegismund, Jun Wang, & Mikkel Heide Schierup.** 2012. “Extensive X-linked adaptive evolution in central chimpanzees.”

- Proceedings of the National Academy of Sciences* **109** (7 February): 2054-2059.
- Hvistendahl, Mara.** 2012a. "Primeval Land Rises From the Ashes." *Science* **336** (11 May): 662-663.
- . 2012b. "Gender and Violence." *Science* **336** (18 May): 839-840.
- . 2014a. "While emerging economies boom, equality goes bust." *Science* **344** (23 May): 832-835.
- . 2014b. "Study exposes Chinese censors' deepest fears." *Science* **345** (22 August): 859-860.
- Hwang, Jung Shan, Hajime Ohyanagi, Shiho Hayakawa, Naoki Osato, Chiemi Nishimiya-Fujisawa, Kazuho Ikeo, Charles N. David, Toshitaka Fujisawa, & Takashi Gojobori.** 2007. "The evolutionary emergence of cell type-specific genes inferred from the gene expression analysis of *Hydra*." *Proceedings of the National Academy of Sciences* **104** (11 September): 14735-14740.
- Hyde, Janet S., & Janet E. Mertz.** 2009. "Gender, culture, and mathematics importance." *Proceedings of the National Academy of Sciences* **106** (2 June): 8801-8807.
- Hyde, Jesse.** 2008. "Battle Against Teaching Evolution in Texas Begins." *Dallas Observer* posting 19 March: online text accessed 5/18/2008 (www.dallasobserver.com).
- Hyde, Samantha J., Brian E. Eckenroth, Brian A. Smith, William A. Eberley, Nicholas H. Heintz, Jane E. Jackman, & Sylvie Doubl  .** 2010. "tRNA^{His} guanylyltransferase (THG1), a unique 3'-5' nucleotidyl transferase, shares unexpected structural homology with canonical 5'-3' DNA polymerases." *Proceedings of the National Academy of Sciences* **107** (23 November): 20305-20310.
- Hyde, William T., Thomas J. Crowley, Steven K. Baum, & W. Richard Peltier.** 2000. "Neoproterozoic 'snowball Earth' simulations with a coupled climate/ice-sheet model." *Nature* **405** (25 May): 425-429.
- Hyder, Fahmeed, & Douglas L. Rothman.** 2011. "Evidence for the importance of measuring total brain activity in neuroimaging." *Proceedings of the National Academy of Sciences* **108** (5 April): 5475-5476.
- Hyers, Conrad.** 1983. "Genesis Knows Nothing of Scientific Creationism Interpreting and Misinterpreting the Biblical Texts." *Creation/Evolution* **4** (Spring): 1-21.
- . 1998. "What Genesis is Really About." *Reports of the National Center for Science Education* **18** (May-June): 15, 33.
- Hyman, Anthony A., & Eric Karsenti.** 1996. "Morphogenetic Properties of Microtubules and Mitotic Spindle Assembly." *Cell* **84** (9 February): 401-410.
- Hyman, James M., Liya Ma, Emili Balaguer-Ballester, Daniel Durstewitz, & Jeremy K. Seamans.** 2012. "Contextual encoding by ensembles of medial prefrontal cortex neurons." *Proceedings of the National Academy of Sciences* **109** (27 March): 5086-5091.
- Hynes, Richard O.** 2012. "The evolution of metazoan extracellular matrix." *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **196** (19 March): 671-679.
- Hyodo, Masayuki, Shuji Matsu'ura, Yuko Kamishima, Megumi Kondo, Yoshihiro Takeshita, Ikuko Kitaba, Tohru Danhara, Fachroel Aziz, Iwan Kurniawan, & Hisao Kumai.** 2011. "High-resolution record of the Matuyama-Brunhes transition constrains the age of Javanese *Homo erectus* in the Sangiran dome, Indonesia." *Proceedings of the National Academy of Sciences* **108** (6 December): 19563-19568.
- Hyodo, Susumu, Fumi Katoh, Toyoji Kaneko, & Yoshio Takei.** 2004. "A facilitative urea transporter is localized in the renal collecting tubule of the dogfish *Triakis scyllia*." *The Journal of Experimental Biology* **207** (15 January): 347-356.

- Iacoboni, Marco, Roger P. Woods, Marcel Brass, Harold Bekkering, John C. Mazziotta, & Giacomo Rizzolatti.** 1999. "Cortical Mechanisms of Human Imitation." *Science* **286** (24 December): 2526-2528.
- Iacopino, Vincent, Scott A. Allen, & Allen S. Keller.** 2011. "Bad Science Used to Support Torture and Human Experimentation." *Science* **331** (7 January): 34-35.
- Iannone, Carol.** 1997. "The Truth About *Inherit the Wind*." *First Things* (February): 28-33.
- Iannuzzi, L., G. P. Di Meo, A. Perucatti, A. Eggen, D. Incarnato, F. Sarubbi, & E. Cribiu.** 2001. "A pericentric inversion in the cattle Y chromosome." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **94** (3-4): 202-205.
- Iannuzzi, L., G. P. Di Meo, A. Perucatti, D. Incarnato, L. Schibler, & E. P. Cribiu.** 2000. "Comparative FISH mapping of bovid X chromosomes reveals homologies and divergences between the subfamilies Bovinae and Caprinae." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **89** (3-4): 171-176.
- Iannuzzi, L., L. Molteni, G. P. Di Meo, A. De Giovanni, A. Perucatti, G. Succi, D. Incarnato, A. Eggen, & E. P. Cribiu.** 2001. "A case of azoospermia in a bull carrying a Y-autosome reciprocal translocation." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **95** (3-4): 225-227.
- Iannuzzi, L., L. Molteni, G. P. Di Meo, A. Perucatti, L. Lorenzi, D. Incarnato, A. De Giovanni, G. Succi, & I. Gustavsson.** 2001. "A new balanced autosomal reciprocal translocation in cattle revealed by banding techniques and human-painting probes." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **94** (3-4): 225-228.
- Iannuzzi, Leopoldo, Teresa Rangel-Figueiredo, Giulia Pia Di Meo, & Lino Ferrara.** 1992. "A new Robertsonian translocation in cattle, rob(15;25)." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **59** (4): 280-283.
- . 1993. "A new centric fusion translocation in cattle, rob(16;18)." *Hereditas* **119** (3): 239-243.
- Ibanez, J. D., A. P. Kimball, & J. Oró.** 1971. "Possible Prebiotic Condensation of Mononucleotides by Cyanamide." *Science* **173** (30 July): 444-446.
- Ibáñez Insa, Jordi.** 2013. "Reformulating Table Salt Under Pressure." *Science* **342** (20 December): 1459-1460.
- Ibarra, Christian A., Xiaoqi Feng, Vera K. Schoft, Tzung-Fu Hsieh, Rie Uzawa, Jessica A. Rodrigues, Assaf Zemach, Nina Chumak, Adriana Machlicova, Toshiro Nishimura, Denisse Rojas, Robert L. Fischer, Hisashi Tamaru, & Daniel Zilberman.** 2012. "Active DNA Demethylation in Plant Companion Cells Reinforces Transposon Methylation in Gametes." *Science* **337** (14 September): 1360-1364.
- Ibarra-Laclette, Enrique, Eric Lyons, Gustavo Hernández-Guzmán, Claudia Anahí Pérez-Torres, Lorenzo Carretero-Paulet, Tien-Hao Chang, Tianying Lan, Andreanna J. Welch, María Jazmín Abraham Juárez, June Simpson, Araceli Fernández-Cortés, Mario Arteaga-Vázquez, Elsa Góngora-Castillo, Gustavo Acevedo-Hernández, Stephan C. Schuster, Heinz Himmelbauer, André E. Minoche, Sen Xu, Michael Lynch, Araceli Oropeza-Aburto, Sergio Alan Cervantes-Pérez, María de Jesús Ortega-Estrada, Jacob Israel Cervantes-Luevano, Todd P. Michael, Todd Mockler, Douglas Bryant, Alfredo Herrera-Estrella, Victor A. Albert, & Luis Herrera-Estrella.** 2013. "Architecture and evolution of a minute plant genome." *Nature* **498** (6 June): 94-98.
- Ibata, Rodrigo, & Brad Gibson.** 2007. "The Ghosts of Galaxies Past." *Scientific American* **296** (April): 40-45.
- Ibba, M., A. W. Curnow, J. Bono, P. A. Rosa, C. R. Woese, & D. Söll.** 1999. "Archaeal Aminoacyl-tRNA Synthesis: Unique Determinants of a Universal Genetic Code?" *The Biological Bulletin* **196** (June): 335-337.
- Ibba, Michael, & Christopher Francklyn.** 2004. "Turning tRNA upside down: When aminoacylation is not a prerequisite to protein synthesis." *Proceedings of the National Academy of Sciences* **101** (18 May): 7493-7494.
- Ibba, Michael, Susan Morgan, Alan W. Curnow, David R. Pridmore, Ute C. Vothknecht,**

- Warren Gardner, Winston Lin, Carl R. Woese, & Dieter Söll.** 1997. "A Euryarchaeal Lysyl-tRNA Synthetase: Resemblance to Class 1 Synthetases." *Science* **278** (7 November): 1119-1122.
- Ibba, Michael, & Dieter Söll.** 2001. "The renaissance of aminoacyl-tRNA synthesis." *EMBO Reports* **2** (May): 382-387.
- Ibba, Michael, Heather C. Losey, Yutaka Kawarabayasi, Hisasi Kikuchi, Shipra Bunjun, & Dieter Söll.** 1999. "Substrate recognition by class I lysyl-tRNA synthetases: A molecular basis for gene displacement." *Proceedings of the National Academy of Sciences* **96** (19 January): 418-423.
- Ibbotson, Paul.** 2012. "A new kind of language." *The Psychologist* **25** (February): 122-125.
- . 2013. "The scope of usage-based theory." *Frontiers in Psychology* (online @ frontiersin.org) **4** (8 May): 255.
- Ibbotson, Paul, & Jennifer Kearvell-White.** 2015. "Inhibitory Control Predicts Grammatical Ability." *PLoS ONE* (online @ plosone.org) **10** (December): e0145030.
- Ibbotson, Paul, & Michael Tomasello.** 2016. "Evidence Rebutts Chomsky's Theory of Language Learning." *Scientific American* posting 7 September (online text at scientificamerican.com accessed 9/7/2016).
- Ibrahim, Nizar, & Ulrich Kutschera.** 2013. "The ornithologist Alfred Russel Wallace and the controversy surrounding the dinosaurian origin of birds." *Theory in Biosciences* **132** (December): 267-275.
- Ibrahim, Nizar, Paul C. Sereno, Cristiano Dal Sasso, Simone Maganuco, Matteo Fabbri, David M. Martill, Samir Zouhri, Nathan Myhrvold, & Dawid A. Iurino.** 2014. "Semiaquatic adaptations in a giant predatory dinosaur." *Science* **345** (26 September): 1613-1616.
- Ibrahim, Youssef M.** 1995. "Muslim Edicts Take on New Force." *The New York Times* posting 12 February: online text accessed 11/3/2014 (www.nytimes.com).
- Ibsen-Jensen, Rasmus, Krishnendu Chatterjee, & Martin A. Nowak.** 2015. "Computational complexity of ecological and evolutionary spatial dynamics." *Proceedings of the National Academy of Sciences* **112** (22 December): 15636-15641.
- IBSS.** 2008a. "The Bible and Science: Are Dinosaurs Mentioned in the Bible?" *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008b. "The Bible and Science: Creation/Evolution Debates Westminster Theological Seminary April 20-21, 2001." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008c. "History: Sumerian." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008d. "Other Views: Carl Baugh." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008e. "Other Views: Chuck Missler." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008f. "Other Views: Don Patton." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/2/2011).
- . 2008g. "Other Views: Ed Conrad." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/1/2011).
- . 2008h. "Other Views: Grant R. Jeffrey." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/1/2011).
- . 2008i. "Other Views: Guy Berthault." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2008j. "Other Views: Dr. Hugh Ross." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/2/2011).
- . 2008k. "Other Views: Dr. Jack Cuozzo." *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/2/2011).
- . 2008l. "Other Views: Ken Ham." *Institute for Biblical & Scientific Studies* posting last

- updated 30 April (online text at www.bibleandscience.com accessed 6/1/2011).
- . 2008m. “Other Views: Kent Hovind.” *Institute for Biblical & Scientific Studies* posting last updated 30 April (online text at www.bibleandscience.com accessed 6/1/2011).
- . 2010. “The Bible and Science: Dinosaur and Human Footprints.” *Institute for Biblical & Scientific Studies* posting last updated 14 June (online text at www.bibleandscience.com accessed 5/19/2011).
- . 2011. “Other Views: Harold Camping.” *Institute for Biblical & Scientific Studies* posting last updated 27 May (online text at www.bibleandscience.com accessed 6/1/2011).
- . 2015. “Biblical Archaeology: Evidence of the Exodus from Egypt.” *Institute for Biblical & Scientific Studies* posting last updated 2 February (online text at www.bibleandscience.com accessed 2/9/2015).
- Ichihashi, Norikazu, Tomoaki Matsuura, Hiroshi Kita, Takeshi Sunami, Hiroaki Suzuki, & Tetsuya Yomo.** 2010. “Constructing Partial Models of Cells.” *Cold Spring Harbor Perspectives in Biology* **2** (June): a004945.
- Ichihashi, Yasunori, José Antonio Aguilar-Martínez, Moran Farhi, Daniel H. Chitwood, Ravi Kumar, Lee V. Millon, Jie Peng, Julin N. Maloof, & Neelima R. Sinha.** 2014. “Evolutionary developmental transcriptomics reveals a gene network module regulating interspecific diversity in plant leaf shape.” *Proceedings of the National Academy of Sciences* **111** (24 June): E2616-E2621.
- Ichinohe, Takeshi, Iris K. Pang, Yosuke Kumamoto, David R. Peaper, John H. Ho, Thomas S. Murray, & Akiko Iwasaki.** 2011. “Microbiota regulates immune defense against respiratory tract influenza A virus infection.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5354-5359.
- ICR.** 1979. “No. 71—Resolution for Balanced Presentation of Evolution and Scientific Creationism.” Institute for Creation Research *Impact* (May): i-iv.
- . 1999a. “A Geologist looks at Noah’s Flood.” ICR *Advanced Creationism* online course Module 9 (online text at www.mandley.com accessed 6/15/2011).
- . 1999b. “Evolution: the Challenge of the Fossil Record.” ICR *Advanced Creationism* online course Module 10 (online text at www.mandley.com accessed 6/15/2011).
- . 1999c. “Nautiloid Mass-Kill Event.” ICR *Advanced Creationism* online course (online text at www.mandley.com accessed 6/12/2014).
- . 2002a. “ICR Scientist Speaks in South Carolina.” Institute for Creation Research *Acts & Facts* (August): 5.
- . 2002b. “Andrew C. McIntosh, Ph.D. Combustion Theory.” ICR posting (online text at icr.org accessed 11/13/2002, not available as of 1/25/2015).
- . 2004a. “Time Is Running out for the Theory of Evolution.” Institute for Creation Research *Acts & Facts* (February): 1.
- . 2004b. “Diamonds Are a Creationist’s Best Friends.” Institute for Creation Research *Acts & Facts* (February): 2.
- . 2004c. “Announcing New Book by Henry Morris.” Institute for Creation Research *Acts & Facts* (December): 1.
- . 2005. “Successful England Tour.” Institute for Creation Research *Acts & Facts* (February): 3.
- . 2006. “Creation and ICR in Iraq.” Institute for Creation Research *Acts & Facts* (February): 1.
- . 2007. “ICR Launches Technical Journal.” Institute for Creation Research *Acts & Facts* (March): 1.
- . 2010a. “Evidence for God.” ICR posting (online text at icr.org accessed 1/9/2012).
- . 2010b. “Cause and Effect.” ICR posting (online text at icr.org accessed 1/9/2012).
- . 2010c. “The Triune Universe.” ICR posting (online text at icr.org accessed 1/9/2012).
- . 2010d. “Design and Purpose.” ICR posting (online text at icr.org accessed 1/9/2012).
- . 2010e. “Men and Dinosaurs Coexisted.” ICR posting (online text at icr.org accessed 1/10/2012).
- . 2010f. “Everything Has a Cause.” ICR posting (online text at icr.org accessed 1/21/2012).

- . 2011. “Institute for Creation Research School of Biblical Apologetics: Course Catalog 2011-2013.” *ICR* posting (online pdf at *icr.org* accessed 5/26/2011).
- . 2012. “Hear Dr. Henry Morris at upcoming pastors’ conference.” *ICR* 13 January email (online text via *my.icr.org* accessed 1/13/2012).
- . 2013. “Evolution vs. God.” *ICR* 13 July email (online text via *my.icr.org* accessed 7/31/2013).
- . 2014a. “The Secret Code.” *ICR That’s A Fact* February posting (online video via *icr.org* accessed 3/7/2014).
- . 2014b. “Technical Advisory Board.” *ICR* posting (online text at *icr.org* accessed 5/15/2014).
- . 2014c. “Creation Conversion: The Turning Point .” Institute for Creation Research *Acts & Facts* (April): 18.
- . 2014d. “ICR in the Dallas Morning News.” *ICR* 15 August email (online text via *my.icr.org* accessed 8/15/2014).
- . 2014e. *The Dinosaur Guide*. Dallas, TX: Institute for Creation Research.
- Idea Center*. 2000a. “Sharing personal Miracles and the Supernatural at the IDEA Club.” (*IDEA Club* 30 May posting (online text at *www.acs.ucsd.edu/idea/miracles.htm* accessed 4/17/2002, not available as of 11/24/2013).
- . 2000b. “List of Intellectual Doubters of Darwinism.” *Idea Center* 24 October posting (online text at *ideacenter.org* accessed 2/16/2013).
- . 2001. “The Science Behind Intelligent Design Theory.” *Idea Center* posting (online text at *ideacenter.org* accessed 9/29/2011).
- . 2002. “Primer: History of intelligent design and the creation-evolution controversy.” *Idea Center* posting (online text at *ideacenter.org* accessed 11/23/2013).
- . 2004a. “Does intelligent design theory implement the scientific method?” *Idea Center* FAQ posting (online text at *ideacenter.org* accessed 8/11/2010).
- . 2004b. “The Vertebrate Animal Heart: Unevolvable, whether Primitive or Complex.” *Idea Center* posting (online text at *ideacenter.org* accessed 11/9/2011).
- . 2006. “Founder of Creationism, Henry Morris Dies.” *Idea Center* 6 March posting (online text at *ideacenter.org* accessed 2/4/2014).
- . 2008. “Philosophy.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 10/19/2015).
- . 2011. “General Evolution of Life Quotes Collection.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 10/17/2011).
- . 2014. “John Baumgardner.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 10/19/2014).
- . 2015a. “Introductory Quotes.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015b. “Origins and Complexity of Life.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015c. “Fossil Record.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015d. “Human Origins.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015e. “Philosophy.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015f. “Cosmology and Physics.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015g. “Law and Education Quotes.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- . 2015h. “Phylogenetic Trees Quote Collection.” *Idea Center* undated posting (online text at *ideacenter.org* accessed 6/8/2015).
- Idnurm, Alexander, Julio Rodríguez-Romero, Luis M. Corrochano, Catalina Sanz, Enrique A. Iturriaga, Arturo P. Eslava, & Joseph Heitman.** 2006. “The *Phycomyces madA* gene encodes a blue-light photoreceptor for phototropism and other light responses.”

- Proceedings of the National Academy of Sciences* **103** (21 March): 4556-4551.
- Idnet.com.au**. 2010. "The eyes have it." *Uncommon Descent* pseudonymous posting 11 May (online text at www.uncommondescent.org accessed 2/26/2011).
- Idso, Craig D., Robert M. Carter, & S. Fred Singer**. 2015. *Why Scientists Disagree About Global Warming: The NIPCC Report on Scientific Consensus*. 2nd ed. Arlington Heights, IL: The Heartland Institute.
- Idso, Craig D., & Sherwood B. Idso**. 2011. "The Many Benefits of Atmospheric CO₂ Enrichment." *Science and Public Policy Institute* pamphlet (online pdf at www.co2science.org accessed 11/30/2011).
- IEEE Global History Network*. 2013. "James Clerk Maxwell." *IEEE Global History Network* undated posting (online text at www.ieeeahn.org accessed 6/1/2014).
- Ielpi, Alessandro, Martin R. Gibling, Arden R. Bashforth, & Chinemerem I. Dennar**. 2015. "Impact of vegetation on Early Pennsylvanian fluvial channels: Insight from the Joggins Formation of Atlantic Canada." *Journal of Sedimentary Research* **85** (August): 999-1018.
- Iemmola, Francesca, & Andrea Camperio Ciani**. 2009. "New Evidence of Genetic Factors Influencing Sexual Orientation in Men: Female Fecundity Increase in the Maternal Line." *Archives of Sexual Behavior* **38** (June): 393-399.
- Ieong, Ka-Weng, Ülkü Uzun, Maria Selmer, & Måns Ehrenberg**. 2016. "Two proofreading steps amplify the accuracy of genetic code translation." *Proceedings of the National Academy of Sciences* **113** (29 November): 13744-13749.
- Iess, Luciano, Robert A. Jacobson, Marco Ducci, David J. Stevenson, Jonathan I. Lunine, John W. Armstrong, Sami W. Asmar, Paolo Racioppa, Nicola J. Rappaport, & Paolo Tortora**. 2012. "The Tides of Titan." *Science* **337** (27 July): 457-459.
- Igawa, Takeshi, Atsushi Kurabayashi, Chisako Usuki, Tamotsu Fujii, & Masayuki Sumida**. 2008. "Complete mitochondrial genomes of three neobatrachian anurans: A case study of divergence time estimation using different data and calibration settings." *Gene* **407** (15 January): 116-129.
- Igelström, Kajsa M., Taylor W. Webb, Yin T. Kelly, & Michael S. A. Graziano**. 2016. "Topographical Organization of Attentional, Social, and Memory Processes in the Human Temporoparietal Cortex." *eNeuro* (online @ eneuro.org) **3** (March/April): e0060.
- Iglói, Kinga, Christian F. Doeller, Alain Berthoz, Laure Rondi-Reig, & Neil Burgess**. 2010. "Lateralized human hippocampal activity predicts navigation based on sequence or place memory." *Proceedings of the National Academy of Sciences* **107** (14 August): 14466-14471.
- Igwe, Leo**. 2010. "Why so many Africans are religious." *Freethought Today* **27** (December): 17.
- IHEU*. 2015. "Another atheist blogger murdered in Bangladesh this morning." *International Humanist and Ethical Union* 30 March posting (online text at iheu.org accessed 3/30/2015).
- Ihmels, Jan, Sven Bergmann, Maryam Gerami-Nejad, Itai Yanai, Mark McClellan, Judith Berman, & Naama Barkai**. 2005. "Rewiring of the Yeast Transcriptional Network Through the Evolution of Motif Usage." *Science* **309** (5 August): 938-940.
- Iida, Saroko, Atsuko Miyagi, Seishiro Aoki, Motomi Ito, Yasuro Kadono, & Keiko Kosuge**. 2009. "Molecular Adaptation of *rcbL* in the Heterophyllous Aquatic Plant *Potamogeton*." *PLoS ONE* (online @ plosone.org) **4** (February): e4633.
- Iizuka, Tsuyoshi, Yuri Amelin, Angela Kaltenbach, Piers Koefoed, & Claudine H. Stirling**. 2014. "U-Pb systematics of the unique achondrite Ibitira: Precise age determination and petrogenetic implications." *Geochimica et Cosmochimica Acta* **132** (1 May): 259-273.
- Iizuka, T., A. Kaltenbach, Y. Amelin, C. H. Stirling, & A. Yamaguchi**. 2013. "U-Pb isotope systematics of eucrites in relation to their thermal history." *Proceedings of the Lunar and Planetary Science Conferences* **44**: abstract 1907.
- Iizuka, Tsuyoshi, Takao Yamaguchi, Yuki Hibiya, & Yuri Amelin**. 2015. "Meteorite zircon constraints on the bulk Lu-Hf isotope composition and early differentiation of the Earth." *Proceedings of the National Academy of Sciences* **112** (28 April): 5331-5336.
- IJdo, J. W., A. Baldini, D. C. Ward, S. T. Reeders, & R. A. Wells**. 1991. "Origin of human

- chromosome 2: an ancestral telomere-telomere fusion.” *Proceedings of the National Academy of Sciences* **88** (15 October): 9051-9055.
- Ijjas, Anna, Paul J. Steinhardt, & Abraham Loeb.** 2017. “Cosmic Inflation Theory Faces Challenges.” *Scientific American* posting 1 February (online text at *scientificamerican.com* accessed 5/18/2017).
- Ikeda, Terumasa, Khaled Hussein Abd El Galil, Kenzo Tokunaga, Kazuhiko Maeda, Tetsutaro Sata, Nobuo Sakaguchi, Thierry Heidmann, & Atsushi Koito.** 2011. “Intrinsic restriction activity by apolipoprotein B mRNA editing enzyme APOBEC1 against the mobility of autonomous retrotransposons.” *Nucleic Acids Research* **39** (July #13): 5538-5554.
- Ikehara, Kenji.** 2002. “Origins of gene, genetic code, protein and life: comprehensive view of life systems from a GNC-SNS primitive genetic code hypothesis.” *Indian Academy of Sciences Journal of Biosciences* **27** (March): 165-186.
- . 2005. “Mechanisms for Creation of ‘Original Ancestor Genes’.” *Japan Science Society of Biological Macromolecules Journal of Biological Macromolecules* **5** (2): 21-30.
- . 2009. “Pseudo-Replication of [GADV]-Proteins and Origin of Life.” *International Journal of Molecular Sciences* **10** (April): 1525-1537.
- . 2014. “[GADV]-Protein World Hypothesis on the Origin of Life.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **44** (December): 299-302.
- Ikenga, L. E.** 2009. “Obama, the African Colonial.” *American Thinker* posting 25 June (online text at *americanthinker.com* accessed 9/14/2010).
- Ikuta, Tetsuro, Yi-Chih Chen, Rossella Annunziata, Hsiu-Chi Ting, Che-huang Tung, Ryo Koyanagi, Kunifumi Tagawa, Tom Humphreys, Asao Fujiyama, Hidetoshi Saiga, Nori Satoh, Jr-Kai Yu, Maria Ina Arnone, & Yi-Hsien Su.** 2013. “Identification of an intact ParaHox cluster with temporal colinearity but altered spatial colinearity in the hemichordate *Ptychodera flava*.” *BMC Evolutionary Biology* (online @ *biomedcentral.com*) **13** (27 June): 129.
- Ikuta, Tetsuro, Nori Satoh, & Hidetoshi Saiga.** 2010. “Limited functions of Hox genes in the larval development of the ascidian *Ciona intestinalis*.” *Development (AKA Journal of Embryology and Experimental Morphology)* **137** (May): 1505-1513.
- Ilardo, Melissa, Markus Meringer, Stephen Freeland, Bakhtiyor Rasulev, & H. James Cleaves II.** 2015. “Extraordinarily Adaptive Properties of the Genetically Encoded Amino Acids.” *Scientific Reports* (online @ *www.nature.com/srep/*) **5** (24 March): 9414.
- Ildefonse, Benoît, Peter A. Rona, & Donna Blackman.** 2007. “Drilling the Crust at Mid-Ocean Ridges: An ‘In Depth’ Perspective.” *Oceanography* **20** (March): 66-77.
- Ilg, Bradley R., Karl E. Karlstrom, David P. Hawkins, & Michael L. Williams.** 1996. “Tectonic evolution of Paleoproterozoic rocks in the Grand Canyon: Insights into middle-crustal processes.” *The Geological Society of America GSA Bulletin* **108** (September): 1149-1166.
- Illangasekare, Mali, Giselle Sanchez, Tim Nickles, & Michael Yarus.** 1995. “Aminoacyl-RNA Synthesis Catalyzed by an RNA.” *Science* **267** (3 February): 643-647.
- Illangasekare, Mali, Rebecca Turk, G. Colin Peterson, Manuel Lladser, & Michael Yarus.** 2010. “Chiral histidine selection by D-ribose RNA.” *RNA* **16** (December): 2370-2383.
- Illangasekare, Mali, & Michael Yarus.** 1999. “Specific, rapid synthesis of Phe-RNA by RNA.” *Proceedings of the National Academy of Sciences* **96** (11 May): 5470-5475.
- Illing, Sean D.** 2015. “New Atheism’s fatal arrogance: The glating intellectual laziness of Bill Maher & Richard Dawkins.” *Salon.com* 9 May (online text at *salon.com* accessed 5/10/2015).
- . 2016. “Teaching evolution in the South: an educator on the ‘war for science literacy’.” *Vox* 25 October posting (online text at *www.vox.com* accessed 11/7/2016).
- Illos, Roni A., Gilles Clodic, Gerard Bolbach, Isabelle Weissbuch, & Meir Lahav.** 2010. “Dual Role of Hydrophobic Racemic Thioesters of α -Amino Acids in the Generation of Isotactic Peptides and Co-Peptides in Water; implications for the Origin of Homochirality.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **40** (February):

51-63.

- Iltan, Cigdem.** 2008. "Unused embryos spawn dilemma." *Vancouver Sun* (British Columbia) posting 30 December: online text accessed 2/17/2009 (www.vancouver.sun.com).
- Im, Gene Y., Rani J. Modayil, Cheng T. Lin, Steven J. Geier, Douglas S. Katz, Martin Feuerman, & James H. Grendell.** 2011. "The Appendix May Protect Against *Clostridium difficile* Recurrence." *Clinical Gastroenterology and Hepatology* **9** (December): 1072-1077.
- Imada, Katsumi, Tohru Minimino, Miki Kinoshita, Yukio Furukawa, & Keiichi Namba.** 2010. "Structural insight into the regulatory mechanisms of interactions of the flagellar type III chaperone FlIT with its binding partners." *Proceedings of the National Academy of Sciences* **107** (11 May): 8812-8817.
- Imada, Katsumi, Tohru Minimino, Yumiko Uchida, Miki Kinoshita, & Keiichi Namba.** 2016. "Insight into the flagella type III export revealed by the complex structure of the type III ATPase and its regulator." *Proceedings of the National Academy of Sciences* **113** (29 March): 3633-3638.
- Imai, Ei-ichi, Hajime Honda, Kuniyuki Hatori, André Brack, & Koichiro Matsuno.** 1999. "Elongation of Oligopeptides in a Simulated Submarine Hydrothermal System." *Science* **283** (5 February): 831-833.
- Imai, Hiroo, Nami Suzuki, Yoshiro Ishimaru, Takanobu Sakurai, Lijie Yin, Wenshi Pan, Keiko Abe, Takumi Misaka, & Hirohisa Hirai.** 2012. "Functional diversity of bitter taste receptor TAS2R16 in primates." *Royal Society Biology Letters* **8** (August): 652-656.
- Imai, Kaoru S., Michael Levine, Nori Satoh, & Yutaka Satou.** 2006. "Regulatory Blueprint for a Chordate Embryo." *Science* **312** (26 May): 1183-1187.
- Imai, Kiyohiro.** 1999. "The haemoglobin enzyme." *Nature* **401** (30 September): 437, 439.
- Imamizu, Hiroshi, Tomoe Kuroda, Satoru Miyauchi, Toshinori Yoshioka, & Mitsuo Kawato.** 2003. "Modular organization of internal models of tools in the human cerebellum." *Proceedings of the National Academy of Sciences* **100** (29 April): 5461-5466.
- Imanian, Behzad, & Patrick J. Keeling.** 2014. "Horizontal Gene Transfer and Redundancy of Tryptophan Biosynthetic Enzymes in Dinotoms." *Genome Biology and Evolution* **6** (February): 333-343.
- Imbeault, Michaël, Pierre-Yves Helleboid, & Didier Trono.** 2017. "KRAB zinc-finger proteins contribute to the evolution of gene regulatory networks." *Nature* **543** (23 March): 550-554.
- Imbrie, John** 1982. "Astronomical theory of the Pleistocene ice ages: A brief historical review." *Icarus* **50** (May-June): 408-422.
- Imhof, Lorens A., Drew Fudenberg, & Martin A. Nowak.** 2005. "Evolutionary cycles of cooperation and defection." *Proceedings of the National Academy of Sciences* **102** (2 August): 10797-10800.
- Imhof, Lorens A., & Martin A. Nowak.** 2010. "Stochastic evolutionary dynamics of direct reciprocity." *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (7 February): 463-468.
- Imhof, Marianne, & Christian Schlötterer.** 2001. "Fitness effects of advantageous mutations in evolving *Escherichia coli* populations." *Proceedings of the National Academy of Sciences* **98** (30 January): 1113-1117.
- Immler, Simone, Scott Pitnick, Geoff A. Parker, Kate L. Durrant, Stefan Lüpold, Sara Calhim, & Tim R. Birkhead.** 2011. "Resolving variation in the reproductive tradeoff between sperm size and number." *Proceedings of the National Academy of Sciences* **108** (29 March): 5325-5330.
- Immordino-Yang, Mary Helen, Andrea McColl, Hanna Damasio, & Antonio Damasio.** 2009. "Neural correlates of admiration and compassion." *Proceedings of the National Academy of Sciences* **106** (12 May): 8021-8026.
- Improbable Research.* 2013. "Winners of the IG® Nobel Prize." *Improbable Research* posting (online text at www.improbable.com accessed 9/1/2013).
- Ims, Rolf A., Nigel G. Yoccoz, & Siw T. Killengreen.** 2011. "Determinants of lemming

- outbreaks.” *Proceedings of the National Academy of Sciences* **108** (1 February): 1970-1974.
- Ina, Yasuo** 1995. “New Methods for Estimating the Numbers of Synonymous and Nonsynonymous Substitutions.” *Journal of Molecular Evolution* **40** (February): 190-226.
- Inagaki, F., K.-U. Hinrichs, Y. Kubo, M. W. Bowles, V. B. Heuer, W.-L. Hong, T. Hoshino, A. Ijiri, H. Imachi, M. Ito, M. Kaneko, M. A. Lever, Y.-S. Lin, B. A. Methé, S. Morita, Y. Morono, W. Tanikawa, M. Bihan, S. A. Bowden, M. Elvert, C. Glombitza, D. Gross, G. J. Harrington, T. Hori, K. Li, D. Limmer, C.-H. Liu, M. Murayama, N. Ohkouchi, S. Ono, Y.-S. Park, S. C. Phillips, X. Prieto-Mollar, M. Purkey, N. Riedinger, Y. Sanada, J. Sauvage, G. Snyder, R. Susilawati, Y. Takano, E. Tasumi, T. Terada, H. Tomaru, E. Trembath-Reichert, D. T. Wang, & Y. Yamada.** 2015. “Exploring deep microbial life in coal-bearing sediment down to ~2.5 km below the ocean floor.” *Science* **349** (24 July): 420-424.
- Inagaki, Fumio, Takuro Nunoura, Satoshi Nakagawa, Andreas Teske, Mark Lever, Antje Lauer, Masae Suzuki, Ken Takai, Mark Delwiche, Frederick S. Colwell, Kenneth H. Nealson, Koki Horikoshi, Steven D’Hondt, & Bo B. Jørgensen.** 2006. “Biogeographical distribution and diversity of microbes in methane hydrate-bearing deep marine sediments on the Pacific Ocean Margin.” *Proceedings of the National Academy of Sciences* **103** (21 February): 2815-2820.
- Inagaki, Kayoko, & Giyoo Hatano.** 2004. “Vitalistic causality in young children’s naive biology.” *Trends in Cognitive Sciences* **8** (August): 356-362.
- Inagaki, Yuji, Christian Blouin, W. Ford Doolittle, & Andrew J. Roger.** 2002. “Convergence and constraint in eukaryotic release factor 1 (eRF1) domain 1: the evolution of stop codon specificity.” *Nucleic Acids Research* **30** (15 January): 532-544.
- Inagaki, Yuji, W. Ford Doolittle, Sandra L. Baldauf, & Andrew J. Roger.** 2002. “Lateral Transfer of an *EF-1 α* Gene: Origin and Evolution of the Large Subunit of ATP Sulfurylase in Eubacteria.” *Current Biology* **12** (30 April): 772-776.
- Inai, Y., Y. Oto, N. Nishikimi Baldauf, & Andger.** 2003. “The whole structure of the human nonfunctional L-gulonono-gamma-lactose oxidase gene—the gene responsible for scurvy—and the evolution of repetitive sequences thereon.” *Journal of Nutritional Science and Vitaminology* (Tokyo) **49** (October): 315-319.
- Inbody, Kristen.** 2016. “Dinosaurs, the Bible and a Glendive museum.” *Great Falls Tribune* (Great Falls, Montana) posting 29 April: online text accessed 4/29/2016 (www.greatfallstribune.com).
- Inda, Maria Carmen, Javier DeFelipe, & Alberto Muñoz.** 2006. “Voltage-gated ion channels in the axon initial segment of human cortical pyramidal cells and their relationship with chandelier cells.” *Proceedings of the National Academy of Sciences* **103** (21 February): 2920-2925.
- Indebetouw, R., T. P. Robitaille, B. A. Whitney, E. Churchwell, B. Babler, M. Meade, C. Watson, & M. Wolfire.** 2007. “Embedded Star Formation in the Eagle Nebula with *Spitzer* Glimpse.” *The Astrophysical Journal Letters* **666** (1 September): 321-338.
- Independent Conservative.** 2007. “Evil Effort to Scrub Messianic Judaism From Wikipedia.” *Independent Conservative* Blog Archive 6 September (online text at www.independentconservative.com accessed 1/7/2011).
- Independent Thinker.* 2001. *The Independent Thinker* (March) newsletter (online text at untoldtruth.org accessed 4/4/2014).
- Indian Express.* 2008. “Bush greets Indian-Americans on Diwali.” *The Indian Express* 25 October posting (online text at www.indianexpress.com accessed 11/6/2013).
- Indurkha, Bipin.** 2003. “Word-sentences and an interaction-based account of language evolution.” *Behavioral and Brain Sciences* **26** (3): 293-294.
- Inesi, M. Ena, Simona Botti, David Dubois, Derek D. Rucker, & Adam D. Galinsky.** 2011. “Power and Choice: Their Dynamic Interplay in Quenching the Thirst for Personal Control.” *Psychological Science* **22** (August): 1042-1048.
- Infantine, Katherine.** 2012. “Bill Nye: ‘Creationism Is Not Appropriate for Children.’” First

- Things *First Thoughts* posting 29 August (online text at *firstthings.com* accessed 10/16/2012).
- InfoQuest**. 2002a. “InfoQuest* for Truth.” *InfoQuest** undated posting page (online text at *users.netreach.net/infoquest/* accessed 1/10/2002, not available as of 1/4/2014).
- . 2002b. “Creation.” *InfoQuest** undated posting page (online text at *users.netreach.net/infoquest/creation.htm* accessed 1/10/2002, not available as of 1/4/2014).
- Infranco, Joseph**. 2011. “ADF allied attorney calls out Colorado professor for feeble ‘apology’ to student.” *Speak Up University* 8 August posting (online text at *blog.speakupmovement.org/university/tag/speak-up-university* accessed 10/6/2013).
- Ingalkar, Madhura, Alex Smith, Drew Parker, Theodore D. Satterthwaite, Mark A. Elliott, Kosha Ruparel, Hakon Hakonarson, Raquel E. Gur, Ruben C. Gur, & Ragini Verma**. 2014a. “Sex differences in the structural connectome of the human brain.” *Proceedings of the National Academy of Sciences* **111** (14 January): 823-828.
- . 2014b. “Reply to Joel and Tarrasch: On misreading and shooting the messenger.” *Proceedings of the National Academy of Sciences* **111** (11 February): E638.
- Ingalls, Albert G.** 1940. “The Carboniferous Mystery.” *Scientific American* **162** (January): 14.
- Ingber, Donald E.** 1998. “The Architecture of Life.” *Scientific American* **278** (January): 48-57.
- Ingber, Donald E., Steven R. Heidemann, Phillip Lamoureux, & Robert E. Buxbaum**. 2000. “Opposing views on tensegrity as a structural framework for understanding cell mechanics.” *Journal of Applied Physiology* **89** (October): 1663-1678.
- Inger, Aron, Ariel Solomon, Barak Shenhav, Tsviya Olender, & Doron Lancet**. 2009. “Mutations and Lethality in Simulated Prebiotic Networks.” *Journal of Molecular Evolution* **69** (November): 568-578.
- Ingermanson, Randall**. 2004. “A Review of The Bible Code II by Michael Drosnin.” *Talk Reason* 6 December posting (online text at *talkreason.org* accessed 12/6/2004).
- Ingersoll, Julie**. 2010a. “DeMint Uses Christian Reconstructionist Mailing List To Raise Money For Angle.” *Religion Dispatches* 16 June posting (online text at *religiondispatches.org* accessed 10/11/2010).
- . 2010b. “Tea Partiers Say Slavery Not Race-Related.” *Religion Dispatches* 22 June posting (online text at *religiondispatches.org* accessed 8/25/2010).
- . 2010c. “Candidate Sharron Angle Accuses Opponent of Idolatry.” *Religion Dispatches* 5 August posting (online text at *religiondispatches.org* accessed 8/30/2010).
- . 2010d. “Beck’s ‘Dream,’ Our Nightmare.” *Religion Dispatches* 25 August posting (online text at *religiondispatches.org* accessed 8/25/2010).
- . 2010e. “The Power of (Glenn Beck’s) Myth.” *Religion Dispatches* 30 August posting (online text at *religiondispatches.org* accessed 8/31/2010).
- . 2010f. “Kirk Cameron Joins the Anti-Mormon Chorus (Sort Of).” *Religion Dispatches* 2 September posting (online text at *religiondispatches.org* accessed 9/3/2010).
- . 2010g. “In Qur-an Burning We’re All Losers.” *Religion Dispatches* 8 September posting (online text at *religiondispatches.org* accessed 9/9/2010).
- . 2010h. “Palin Goes ‘Hopey-Changey,’ But Don’t Call It *Political*.” *Religion Dispatches* 13 September posting (online text at *religiondispatches.org* accessed 9/14/2010).
- . 2010i. “Marco Rubio’s ‘Constitutional Scholar’.” *Religion Dispatches* 16 September posting (online text at *religiondispatches.org* accessed 9/19/2010).
- . 2010j. “The Tea Party, the Blind Man, and the Elephant: Part 1.” *Religion Dispatches* 23 September posting (online text at *religiondispatches.org* accessed 9/27/2010).
- . 2010k. “The Tea Party, the Blind Man, and the Elephant: Part 2.” *Religion Dispatches* 24 September posting (online text at *religiondispatches.org* accessed 9/27/2010).
- . 2010l. “Biblical Law in Central Florida House Race.” *Religion Dispatches* 27 September posting (online text at *religiondispatches.org* accessed 9/28/2010).
- . 2010m. “The Real Context Of The ‘Taliban Dan’ Ad.” *Religion Dispatches* 30 September posting (online text at *religiondispatches.org* accessed 12/6/2010).
- . 2010n. “Tea Party Bullies on Homosexuality: ‘No Punishment Too Severe?’” *Religion*

- Dispatches* 8 October posting (online text at *religiondispatches.org* accessed 10/11/2010).
- . 2010o. “Replacing Godless Hollywood with Bible-Based ‘Cultural Dominion’” *Religion Dispatches* 25 October posting (online text at *religiondispatches.org* accessed 10/25/2010).
- . 2010p. “Muslims Need Not Apply—To The White House Or Congress.” *Religion Dispatches* 26 October posting (online text at *religiondispatches.org* accessed 10/27/2010).
- . 2010q. “Texas Congressional Candidate Clayton Trotter and the Principles in His ‘Hispanic Heart.’” *Religion Dispatches* 28 October posting (online text at *religiondispatches.org* accessed 10/29/2010).
- . 2010r. “Rehabilitating McCarthy: Doug Phillips’ Festival Award.” *Religion Dispatches* 7 November posting (online text at *religiondispatches.org* accessed 11/9/2010).
- . 2010s. “Sarah Palin Calls Biblical Patriarchs ‘Neanderthals.’” *Religion Dispatches* 12 November posting (online text at *religiondispatches.org* accessed 11/15/2010).
- . 2010t. “Better Dead Than ‘Fed’: Behind Palin’s Dig at ‘Unbiblical’ Fed.” *Religion Dispatches* 14 November posting (online text at *religiondispatches.org* accessed 11/15/2010).
- . 2010u. “Did Religion Matter in the Election? (Part I).” *Religion Dispatches* 20 November posting (online text at *religiondispatches.org* accessed 11/22/2010).
- . 2010v. “The Limits Of Polling To Understand The Influence Of Religion: Religion and the Election, Part II.” *Religion Dispatches* 24 November posting (online text at *religiondispatches.org* accessed 11/26/2010).
- . 2010w. “Homeschooling and American Exceptionalism.” *Religion Dispatches* 6 December posting (online text at *religiondispatches.org* accessed 12/6/2010).
- . 2010x. “Will Answers in Genesis’ New ‘Ark Park’ Comply with Anti-discrimination Laws?” *Religion Dispatches* 10 December posting (online text at *religiondispatches.org* accessed 12/13/2010).
- . 2010y. “Fla. Gov’s Plan Would Aid Those Who Seek Biblical Law.” *Religion Dispatches* 17 December posting (online text at *religiondispatches.org* accessed 12/20/2010).
- . 2010z. “New Twist on the War on Christmas: Maybe They’re Right.” *Religion Dispatches* 21 December posting (online text at *religiondispatches.org* accessed 12/22/2010).
- . 2010aa. “A Banner Year for Biblical Patriarchy.” *Religion Dispatches* 29 December posting (online text at *religiondispatches.org* accessed 1/3/2011).
- . 2011a. “The Constitution, the Bible and the Fundamentalist-Modernist Divide.” *Religion Dispatches* 7 January posting (online text at *religiondispatches.org* accessed 1/10/2011).
- . 2011b. “Religious Right Dream of Privatized Public Education Gets Boost.” *Religion Dispatches* 14 January posting (online text at *religiondispatches.org* accessed 1/17/2011).
- . 2011c. “Theocracy: ‘What Would Be So Bad About It?’” *Religion Dispatches* 21 January posting (online text at *religiondispatches.org* accessed 1/25/2011).
- . 2011d. “Michele Bachmann Launches Constitutional Fundamentalist Seminars.” *Religion Dispatches* 28 January posting (online text at *religiondispatches.org* accessed 1/31/2011).
- . 2011e. “Beck’s Historian Bringing Seminar to Congressional Tea Partiers.” *Religion Dispatches* 2 February posting (online text at *religiondispatches.org* accessed 2/3/2011).
- . 2011f. “Barton: Founders Intended to Ban Abortion.” *Religion Dispatches* 5 February posting (online text at *religiondispatches.org* accessed 2/7/2011).
- . 2011g. “Rushdoony’s Philosophy of Law on Wall of Ohio Courtroom.” *Religion Dispatches* 8 February posting (online text at *religiondispatches.org* accessed 2/9/2011).
- . 2011h. “Florida Gov Cozies to Local Tea Party Xenophobes.” *Religion Dispatches* 10 February posting (online text at *religiondispatches.org* accessed 2/11/2011).
- . 2011i. “Will Proposed ‘Ark Park’ Discriminate in Hiring?” *Religion Dispatches* 13 February posting (online text at *religiondispatches.org* accessed 2/15/2011).
- . 2011j. “Creeping Shari’ah... Ahem, Excuse Me... Biblical Law.” *Religion Dispatches* 18 February posting (online text at *religiondispatches.org* accessed 2/21/2011).
- . 2011k. “Is Wisconsin Union-Busting Religiously Sanctioned?” *Religion Dispatches* 21

- February posting (online text at *religiondispatches.org* accessed 2/25/2011).
- . 2011l. “Georgia Legislator Behind Bill Criminalizing Miscarriage is Christian Reconstructionist.” *Religion Dispatches* 28 February posting (online text at *religiondispatches.org* accessed 3/1/2011).
- . 2011m. “In ‘God Hates Fags’ Case, Free Speech Trumps Free Exercise.” *Religion Dispatches* 2 March posting (online text at *religiondispatches.org* accessed 3/3/2011).
- . 2011n. “Islamophobia by PowerPoint.” *Religion Dispatches* 14 March posting (online text at *religiondispatches.org* accessed 3/15/2011).
- . 2011o. “Radicalization Not Linked to Religion.” *Religion Dispatches* 18 March posting (online text at *religiondispatches.org* accessed 3/22/2011).
- . 2011p. “Republicans Tell Iowa Homeschoolers Education Not Government’s Role.” *Religion Dispatches* 24 March posting (online text at *religiondispatches.org* accessed 3/25/2011).
- . 2011q. “Ken Ham Uninvited for Mocking Fellow Speaker’s Version of Creationism.” *Religion Dispatches* 29 March posting (online text at *religiondispatches.org* accessed 4/2/2011).
- . 2011r. “Huckabee Channels Rushdoony.” *Religion Dispatches* 8 April posting (online text at *religiondispatches.org* accessed 4/15/2011).
- . 2011s. “Religious Right Historian: Net Neutrality is ‘Unbiblical Socialism’.” *Religion Dispatches* 20 April posting (online text at *religiondispatches.org* accessed 4/21/2011).
- . 2011t. “Reconstructionists Celebrate ‘Ruling Over the Earth’ Day.” *Religion Dispatches* 22 April posting (online text at *religiondispatches.org* accessed 4/25/2011).
- . 2011u. “The Return of Government as ‘Idolatry’ and the ‘Second Amendment Remedies’.” *Religion Dispatches* 29 April posting (online text at *religiondispatches.org* accessed 5/2/2011).
- . 2011v. “Things the GOP Won’t Like about Ron Paul.” *Religion Dispatches* 3 May posting (online text at *religiondispatches.org* accessed 5/5/2011).
- . 2011w. “Pseudo-Historian David Barton in the *Times* and on *The Daily Show*.” *Religion Dispatches* 5 May posting (online text at *religiondispatches.org* accessed 5/13/2011).
- . 2011x. “Christian Reconstructionist Legislator Slams Tornado Victims for Praying to ‘Their God FEMA’.” *Religion Dispatches* 10 May posting (online text at *religiondispatches.org* accessed 5/13/2011).
- . 2011y. “A Tea Party Case Study: Jacksonville’s Divisive Mayoral Race.” *Religion Dispatches* 24 May posting (online text at *religiondispatches.org* accessed 5/26/2011).
- . 2011z. “‘We (some of) the People’ Florida Governor Rick Scott and the Tea Party.” *Religion Dispatches* 26 May posting (online text at *religiondispatches.org* accessed 5/27/2011).
- . 2011aa. “Roy Moore’s Presidential Ambitions and ‘Biblical Law’.” *Religion Dispatches* 31 May posting (online text at *religiondispatches.org* accessed 6/10/2011).
- . 2011ab. “Rapture Fraud?” *Religion Dispatches* 2 June posting (online text at *religiondispatches.org* accessed 6/11/2011).
- . 2011ac. “The Limits of David Barton’s ‘Freedom of Religion’ Argument.” *Religion Dispatches* 7 June posting (online text at *religiondispatches.org* accessed 6/11/2011).
- . 2011ad. “Gingrich’s Stealth Islamophobia and the Christian Double Standard.” *Religion Dispatches* 16 June posting (online text at *religiondispatches.org* accessed 6/17/2011).
- . 2011ae. “‘The Left’ and Islamists to Bring Down Judeo-Christian America.” *Religion Dispatches* 27 June posting (online text at *religiondispatches.org* accessed 6/29/2011).
- . 2011af. “The Religious Right and the Tea Party on ‘Education Choice’.” *Religion Dispatches* 30 June posting (online text at *religiondispatches.org* accessed 7/1/2011).
- . 2011ag. “Who Would Jesus Starve?” *Religion Dispatches* 8 July posting (online text at *religiondispatches.org* accessed 7/11/2011).
- . 2011ah. “Tea Party Rhetoric: Literal Slavery Not So Bad.” *Religion Dispatches* 18 July posting (online text at *religiondispatches.org* accessed 7/20/2011).
- . 2011ai. “Breivik’s Christianity About Culture Not Piety.” *Religion Dispatches* 25 July posting (online text at *religiondispatches.org* accessed 7/27/2011).

- . 2011aj. “What’s Actually in Breivik’s ‘Declaration of Independence’.” *Religion Dispatches* 8 July posting (online text at religiondispatches.org accessed 7/11/2011).
- . 2011ak. “Breivik’s Emasculation Paranoia Fueled Vision for Patriarchal ‘Reforms’.” *Religion Dispatches* 29 July posting (online text at religiondispatches.org accessed 8/1/2011).
- . 2011al. “Bachmann’s Law School Mentor Asserts Biblical Roots of American Political System.” *Religion Dispatches* 10 August posting (online text at religiondispatches.org accessed 8/14/2011).
- . 2011am. “Can a Submissive Wife be President?: Michele Bachmann Says Yes.” *Religion Dispatches* 12 August posting (online text at religiondispatches.org accessed 8/15/2011).
- . 2011an. “Bob McDonnell’s Christian Reconstructionist Thesis.” *Religion Dispatches* 17 August (online text at religiondispatches.org accessed 8/20/2011).
- . 2011ao. “Belief in Evolution?: Let’s Have a Show of Hands!” *Religion Dispatches* 19 August (online text at religiondispatches.org accessed 8/20/2011).
- . 2011ap. “The Pundits and the Dominionists.” *Religion Dispatches* 26 August (online text at religiondispatches.org accessed 8/31/2011).
- . 2011aq. “Dominion Theology, Christian Reconstructionism, and the New Apostolic Reformation.” *Religion Dispatches* 30 August (online text at religiondispatches.org accessed 8/31/2011).
- . 2011ar. “It’s Unanimous: No ‘Moderates’ in GOP Field.” *Religion Dispatches* 23 September (online text at religiondispatches.org accessed 9/26/2011).
- . 2012a. “The Republican ‘No Schools Left’ Program.” *Religion Dispatches* 24 February (online text at religiondispatches.org accessed 2/27/2012).
- . 2012b. “Obama’s ‘Phony Religion’ is Environmentalism, Santorum Explains.” *Religion Dispatches* 27 February (online text at religiondispatches.org accessed 2/28/2012).
- . 2012c. “A Monumentally Different Kirk Cameron.” *Religion Dispatches* 22 March (online text at religiondispatches.org accessed 3/24/2012).
- . 2012d. “Kirk Cameron’s *Monumental* Reveals Subtle Influence of Christian Reconstructionism.” *Religion Dispatches* 9 April (online text at religiondispatches.org accessed 4/10/2012).
- . 2012e. “Biblical Patriarchy Advocates Celebrate Titanic 100th with ‘Women and Children First’ Theme.” *Religion Dispatches* 11 April (online text at religiondispatches.org accessed 4/14/2012).
- . 2013. “Howard Phillips, Founding Father of Religious Right, Has Died.” *Religion Dispatches* 21 April (online text at religiondispatches.org accessed 4/27/2013).
- . 2014a. “Sexual Abuse Lawsuit Filed Against Patriarchal Christian Group.” *Religion Dispatches* 21 April (online text at religiondispatches.org accessed 4/23/2014).
- . 2014b. “David Brat: Catholic, Calvinist, and Libertarian, Oh My!” *Religion Dispatches* 11 June (online text at religiondispatches.org accessed 6/15/2014).
- . 2015. “‘Ready To Be Arrested?’: GOP Prez Candidates Show Up For ‘Freedom2015’.” *Religion Dispatches* 6 November (online text at religiondispatches.org accessed 11/9/2015).
- . 2016. “Shades of Christian Reconstructionism In Trump Education Pick, Betsy Devos.” *Religion Dispatches* 5 December (online text at religiondispatches.org accessed 12/7/2016).
- . 2017. “Another Far Right Theocrat Shows Up On The Trump Team.” *Religion Dispatches* 12 June (online text at religiondispatches.org accessed 6/19/2017).
- Ingersoll, Robert G.** 1877a. “A Vindication of Thomas Paine.” *The Works of Robert G. Ingersoll* posting of *New York Observer* 8 October letter (online text at www.positiveatheism.org accessed 9/21/2011).
- . 1877b. “The Observer’s Second Attack.” *The Works of Robert G. Ingersoll* posting of *New York Observer* 1 November letter (online text at www.positiveatheism.org accessed 9/21/2011).
- . 1877c. “Ingersoll’s Second Reply.” *The Works of Robert G. Ingersoll* posting of *New York Observer* 2 November letter (online text at www.positiveatheism.org accessed 9/21/2011).

- 9/21/2011).
- . 1896. “Why I Am an Agnostic.” *The Works of Robert G. Ingersoll* posting (online text at www.positiveatheism.org accessed 9/21/2011).
- . 1900. “What Would You Substitute for the Bible as a Moral Guide?” *The Works of Robert G. Ingersoll* posting (online text at www.positiveatheism.org accessed 9/21/2011).
- Ingerson-Mahar, Michael, & Zemer Gitai.** 2012. “A growing family: the expanding universe of the bacterial cytoskeleton.” *Federation of European Microbiological Societies FEMS Microbiology Reviews* **36** (January): 256-266.
- Inghelbrecht, Els, Johan Bilsen, Freddy Mortier, & Luc Duliens.** 2010. “The role of nurses in physician-assisted deaths in Belgium.” *Canadian Medical Association Journal* **182** (15 June): 905-910.
- Inghelbrecht, E., K. Chambaere, J. Bilsen, F. Mortier, & L. Duliens.** 2010. “Response to Victor Cellarius.” *Canadian Medical Association Journal* (29 June): online text accessed 12/13/2012 (cmaj.ca).
- Ingle, Matthew E.** 2013. “Population genetics of raccoons and raccoon roundworm.” Cedarville University *Faculty Summer Grants Paper 16* (online pdf at digitalcommons.cedarville.edu accessed 2/5/2015). PDF
- . 2015. “Parasitology and Creation.” *Answers in Genesis Answers Research Journal* **8**: 65-75.
- Ingle, Matthew E., & M. Aaron.** 2015. “A Baraminic Study of the Blood Flukes of Family Schistosomatidae.” *Answers in Genesis Answers Research Journal* **8**: 327-337.
- Ingle, Matthew E., Stephen G. Dunbar, Mark A. Gathany, Melinda M. Vasser, Jaynee L. Bartsch, Katherine R. Guffey, Cole J. Knox, Ashlie N. Nolan, Carrie E. Rowlands, & Emily C. Trigg.** 2014. “Predicting *Baylisascaris procyonis* roundworm prevalence, presence and abundance in raccoons (*Procyon lotor*) in southwestern Ohio using landscape features.” *International Journal for Parasitology: Parasites and Wildlife* **3** (August): 113-117.
- Inglis, David Rittenhouse.** 1981. “Dynamo theory of the earth's varying magnetic field.” *Reviews of Modern Physics* **53** (July-September): 481-496.
- Inglis, R. Fredrik, Andy Gardner, Pierre Cornelis, & Angus Buckling.** 2009. “Spite and virulence in the bacterium *Pseudomonas aeruginosa*.” *Proceedings of the National Academy of Sciences* **106** (7 April): 5703-5707.
- Inglis-Arkell, Esther.** 2013. “The 9 most baffling passages in the Bible, and what they really mean.” *io9* 13 December posting (online text at www.io9.com accessed 12/14/2013).
- Ingo, Wiwjorra.** 1996. “German Archaeology and its Relation to Nationalism and Racism,” in Diaz-Andreu & Champion (1996, 164-188).
- Ingraffea, Anthony R., Martin T. Wells, Renee L. Santoro, & Seth B. C. Shonkoff.** 2014. “Assessment and risk analysis of casing and cement impairment in oil and gas wells in Pennsylvania, 2000-2012.” *Proceedings of the National Academy of Sciences* **111** (29 July): 10955-10960.
- Ingram, Jay.** 1998. *The Barmaid's Brain and other strange tales from Science*. 2000 US ed. New York: W. H. Freeman & Co.
- Ingrin, Jannick, & Henrik Skogby.** 2000. “Hydrogen in nominally anhydrous upper-mantle minerals: Concentration levels and implications.” *European Journal of Mineralogy* **12** (May-June): 543-570.
- Ingrouille, Martin J., & Bill Eddie.** 2006. *Plants: Diversity and Evolution*. Cambridge: Cambridge University Press.
- Ingstad, Helge.** 1964. “Vinland Ruins Prove Vikings Found the New World.” *National Geographic* **126** (November): 708-734.
- Ingvansson, Pär K., & Douglas R. Taylor.** 2002. “Genealogical evidence for epidemics of selfish genes.” *Proceedings of the National Academy of Sciences* **99** (20 August): 11265-11269.
- Inhofe, James.** 2012. *The Greatest Hoax: How the Global Warming Conspiracy Threatens Your Future*. New York: WND Books.

- Inlay, Matt.** 2002. “Evolving Immunity: A Response to Chapter 6 of *Darwin’s Black Box*.” *Talkdesign* updated posting 17 July (online text at *talkdesign.org* accessed 1/9/2006).
- . 2004. “Project Steve and the Appeal to Authority.” *Talk Reason* posting 8 May (online text at *talkreason.org* accessed 11/24/2013).
- . 2005. “New discovery of missing link between adaptive immune system and transposons.” *Panda’s Thumb* posting 8 January (online text at *pandasthumb.org* accessed 10/13/2013).
- Innan, Hideki, & Fyador Kondrashov.** 2010. “The evolution of gene duplications: classifying and distinguishing between models.” *Nature Reviews Genetics* **11** (February): 97-108.
- Innerarity, Thomas L., Jan Borén, Shinya Yamanaka, & Sven-Olof Olofsson.** 1996. “Biosynthesis of Apolipoprotein B48-containing Lipoproteins: REGULATION BY NOVEL POST-TRANSCRIPTIONAL MECHANISMS.” *The Journal of Biological Chemistry* **271** (2 February): 2353-2356.
- Inoue, Jun, Philip C. J. Donoghue, & Ziheng Yang.** 2010. “The Impact of the Representation of Fossil Calibrations on Bayesian Estimation of Species Divergence Times.” *Systematic Biology* **59** (January): 74-89.
- Inoue, Jun, Yukuto Sato, Robert Sinclair, Katsumi Tsukamoto, & Mutsumi Nishida.** 2015. “Rapid genome reshaping by multiple-gene loss after whole-genome duplication in teleost fish suggested by mathematical modeling.” *Proceedings of the National Academy of Sciences* **112** (1 December): 14918-14923.
- Inoue, Koji, Kiyoshi Naruse, Sayaka Yamagami, Hiroshi Mitani, Norio Suzuki, & Yoshio Takei.** 2003. “Four functionally distinct C-type natriuretic peptides found in fish reveal evolutionary history of the natriuretic peptide system.” *Proceedings of the National Academy of Sciences* **100** (19 August): 10079-10084.
- Inoue, Sana, & Tetsuro Matsuzawa.** 2007. “Working memory of numerals in chimpanzees.” *Current Biology* **17** (4 December): R1004-R1005.
- Inoue-Murayama, Miho, Shoji Kawamura, & Alexander Weiss,** eds. 2011. *From Genes to Animal Behavior*. New York: Springer.
- Inouye, Isao, & Noriko Okamoto.** 2005. “Changing concepts of a plant: current knowledge on plant diversity and evolution.” *Plant Biotechnology* **22** (5): 505-514.
- Insausti, Ricardo, Jacopo Annese, David G. Ameral, & Larry R. Squire.** 2013. “Human amnesia and the medial temporal lobe illuminated by neurophysiological and neurohistological findings for patient E.P.” *Proceedings of the National Academy of Sciences* **110** (21 May): E1953-E1962.
- Inskeep, Steve, David Greene, & Ted Cruz.** 2015. “Scientific Evidence Doesn’t Support Global Warming, Sen. Ted Cruz Says.” *NPR Morning Edition* 11 December updated interview transcript posting (online text at *www.npr.org* accessed 12/15/2015).
- Insul, Thomas R., & Lawrence E. Shapiro.** 1992. “Oxytocin receptor distribution reflects social organization in monogamous and polygamous voles.” *Proceedings of the National Academy of Sciences* **89** (1 July): 5981-5985.
- Intelligence Squared.* 2007a. “America is too damned religious.” *Intelligence Squared US* 7 February debate posting (online text at *intelligencesquaredus.org* accessed 1/30/2012).
- . 2007b. “Global warming is not a crisis.” *Intelligence Squared US* 14 March debate posting (online text at *intelligencesquaredus.org* accessed 1/30/2012).
- . 2008. “Islam is dominated by radicals.” *Intelligence Squared US* 15 April debate posting (online text at *intelligencesquaredus.org* accessed 1/30/2012).
- . 2010. “Islam is a religion of peace.” *Intelligence Squared US* 6 October debate posting (online text at *intelligencesquaredus.org* accessed 1/30/2012).
- . 2011. “The world would be better off without religion.” *Intelligence Squared US* 15 November debate posting (online pdf at *intelligencesquaredus.org* accessed 1/29/2012).
- . 2014. “Death Is Not Final.” *Intelligence Squared US* 7 May debate posting (online pdf at *intelligencesquaredus.org* accessed 5/16/2014).
- Intelligent Design Network.* 2000a. “IDnet ANNOUNCES EXPANSION OF ITS BOARD OF DIRECTORS.” *Kansas Intelligent Design Network* 10 January press release posting (online

- text at *intelligentdesignnetwork.org* accessed 1/8/2002).
- . 2000b. “Suggested Curriculum Statement Relative to Teachings About Origins in Science Classes.” Kansas *Intelligent Design Network* updated 9 June posting (online text at *intelligentdesignnetwork.org* accessed 1/8/2002).
- . 2001. “IDnet ANNOUNCES RECEIPT OF LEGAL OPINION REGARDING THE TEACHING OF ORIGINS SCIENCE IN PUBLIC SCHOOLS.” Kansas *Intelligent Design Network* press release posting (online text at *intelligentdesignnetwork.org* accessed 2/26/2002).
- . 2002a. “Fifty-two Ohio Scientists Call for Academic Freedom on Darwin’s Theory.” Kansas *Intelligent Design Network* 20 March press release (online text at *intelligentdesignnetwork.org* accessed 11/23/2013).
- . 2002b. “OBJECTIVE ORIGINS SCIENCE POLICY.” Kansas *Intelligent Design Network* posting (online text at *intelligentdesignnetwork.org* accessed 1/1/2010).
- . 2004. “RECENT POLLS, SCIENTISTS AND CONGRESS SHOW A DEMAND FOR OBJECTIVITY IN ORIGINS SCIENCE.” Kansas *Intelligent Design Network* 1 March posting (online pdf at *intelligentdesignnetwork.org* accessed 11/23/2013).
- Intelligent Design Network, New Mexico Division*. 2004. “Darwin, Design and Democracy V: Science Converges on Design – from Cosmology to Paleontology to Biology.” New Mexico *Intelligent Design Network* symposium (24-25 September) program posting (online text at *intelligentdesignnetwork.org* accessed 3/20/2014).
- . *Intelligent Design Network, New Mexico Division*. 2011. “Charles Darwin and the Integrity of Science.” *New Mexicans for Science and Reason* posting of *Albuquerque Journal* ad (online text at *www.nmsr.org/Ad021411.pdf* accessed 2/19/2011).
- . 2013. *Intelligent Design Network, New Mexico Division* homepage posting (online text at *www.nmidnet.org* accessed 9/30/2013).
- The Interactive Bible*. 1994. “Inherit the Wind: Intellectual Pornography!” *Textbook Fraud* 21 July revised posting (online text at *www.bible.ca* accessed 11/29/2009).
- . 2000a. “The Fossil Record: The Only Direct Evidence.” *Evidence for Creation: FOSSIL RECORD* posting (online text at *www.bible.ca* accessed 3/25/2009).
- . 2000b. “The Horse Series: ‘The Second Piltdown man of Paleontology’.” *Biology Textbook Fraud* posting (online text at *www.bible.ca* accessed 1/20/2013).
- International Center for Scientific Integrity*. 2013a. “In science, motives don’t matter—only the evidence matters.” *International Center for Scientific Integrity* undated “Atheism/Creationism” posting (online text at *www.icsintegrity.org* accessed 6/29/2014).
- . 2013b. “Fossil Data.” *International Center for Scientific Integrity* undated “Areas of Controversy” posting (online text at *www.icsintegrity.org* accessed 6/29/2014).
- . 2013c. “Resources.” *International Center for Scientific Integrity* undated posting (online text at *www.icsintegrity.org* accessed 6/29/2014).
- International Human Genome Mapping Consortium, John D. McPherson, Marco Marra, LaDeana Hillier, Robert H. Waterston, Asif Chinwalla, John Wallis, Mandeep Sekhon, Kristine Wylie, Elaine R. Mardis, Richard K. Wilson, Robert Fulton, Tamara A. Kucaba, Caryn Wagner-McPherson, William B. Barbazuk, Simon G. Gregory, Sean J. Humphray, Lisa French, Richard S. Evans, Graeme Bethel, Adam Whittaker, Jane L. Holden, Owen T. McCann, Andrew Dunham, Carol Soderlund, Carol E. Scott, David R. Bentley, Gregory Schuler, Hsiu-Chuan Chen, Wonhee Jang, Eric D. Green, Jacquelyn R. Idol, Valerie V. Braden Maduro, Kate T. Montgomery, Eunice Lee, Ashley Miller, Suzanne Emerling, Raju Kucherlapati, Richard Gibbs, Steven Scherer, J. Harley Gorrell, Erica Sodergren, Kirstin Clerc-Blankenburg, Paul Tabor, Susan Naylor, Dawn Garcia, Pieter J. de Jong, Joseph J. Catanese, Norma Nowak, Kazutoyo Osoegawa, Shizhen Qin, Lee Rowen, Anuradha Madan, Monica Dors, Leroy Hood, Barbara Trask, Cynthia Friedman, Hillary Massa, Vivian G. Cheung, Ilan R. Kirsch, Thomas Reid, Raluca Yonescu, Jean Weissenbach, Thomas Bruls, Roland Heilig, Elbert Branscomb, Anne Olsen, Norman Doggett, Jan-Fang Cheng, Trevor Hawkins, Richard M. Myers, Jin Shang, Lucia Ramirez, Jeremy Schmutz, Olivia Velasquez, Kami Dixon, Nancy E. Stone, David R. Cox, David Haussler, W.**

James Kent, Terrence Furey, Sanja Rogic, Scot Kennedy, Steven Jones, André Rosenthal, Gaiping Wen, Markus Schilhabel, Gernot Gloeckner, Gerald Nyakatura, Reiner Siebert, Brigitte Schlegelberger, Julie Korenberg, Xiao-Ning Chen, Asao Fujiyama, Masahira Hattori, Atsushi Toyoda, Tetsushi Yada, Hong-Seok Park, Yoshiyuki Sakaki, Nobuyoshi Shimizu, Shuichi Asakawa, Kazuhiko Kawasaki, Takashi Sasaki, Ai Shintani, Atsushi Shimizu, Kazunori Shibuya, Jun Kudoh, Shinsei Minoshima, Juliane Ramser, Peter Seranski, Celine Hoff, Annemarie Poustka, Richard Reinhardt, & Hans Lehrach. 2001. "A physical map of the human genome." *Nature* 409 (15 February): 934-941.

International Human Genome Sequencing Consortium, Eric S. Lander, Lauren M. Linton, Bruce Birren, Chad Nusbaum, Michael C. Zody, Jennifer Baldwin, Keri Devon, Ken Dewar, Michael Doyle, William FitzHugh, Roel Funke, Diane Gage, Katrina Harris, Andrew Heaford, John Howland, Lisa Kann Jessica Lehoczy, Rosie LeVine, Paul McEwan, Kevin McKernan, James Meldrim, Jill P. Mesirov, Cher Miranda, William Morris, Jerome Naylor, Christina Raymond, Mark Rosetti, Ralph Santos, Andrew Sheridan, Carrie Sougnez, Nicole Stange-Thomann, Nikola Stojanovic, Aravind Subramanian, Dudley Wyman, Jane Rogers, John Sulston, Rachael Ainscough, Stephan Beck, David Bentley, John Burton, Christopher Clee, Nigel Carter, Alan Coulson, Rebecca Deadman, Panos Deloukas, Andrew Dunham, Ian Dunham, Richard Durbin, Lisa French, Darren Grafham, Simon Gregory, Tim Hubbard, Sean Humphray, Adrienne Hunt, Matthew Jones, Christine Lloyd, Amanda McMurray, Lucy Matthews, Simon Mercer, Sarah Milne, James C. Mullikin, Andrew Mungall, Robert Plumb, Mark Ross, Ratna Shownkeen, Sarah Sims, Robert H. Waterston, Richard K. Wilson, LaDeana W. Hillier, John D. McPherson, Marco A. Marra, Elaine R. Mardis, Lucinda A. Fulton, Asif T. Chinwalla, Kymberlie H. Pepin, Warren R. Gish, Stephanie L. Chissoe, Michael C. Wendl, Kim D. Delehaunty, Tracie L. Miner, Andrew Delehaunty, Jason B. Kramer, Lisa L. Cook, Robert S. Fulton, Douglas L. Johnson, Patrick J. Minx, Sandra W. Clifton, Trevor Hawkins, Elbert Branscomb, Paul Predki, Paul Richardson, Sarah Wenning, Tom Slezak, Norman Doggett, Jan-Fang Cheng, Anne Olsen, Susan Lucas, Christopher Elkin, Edward Uberbacher, Marvin Frazier, Richard A. Gibbs, Donna M. Muzny, Steven E. Scherer, John B. Bouck, Erica J. Sodergren, Kim C. Worley, Catherine M. Rives, James H. Gorrell, Michael L. Metzker, Susan L. Naylor, Raju S. Kucherlapati, David L. Nelson, George M. Weinstock, Yoshiyuki Sakaki, Asao Fujiyama, Masahira Hattori, Tetsushi Yada, Atsushi Toyoda, Takehiko Itoh, Chiharu Kawagoe, Hidemi Watanabe, Yasushi Totoki, Todd Taylor, Jean Weissenbach, Roland Heilig, William Saurin, Francois Artiguenave, Philippe Brottier, Thomas Bruls, Eric Pelletier, Catherine Robert, Patrick Wincker, André Rosenthal, Matthias Platzer, Gerald Nyakatura, Stefan Taudien, Andreas Rump, Douglas R. Smith, Lynn Doucette-Stamm, Marc Rubenfield, Keith Weinstock, Hong Mei Lee, JoAnn Dubois, Huanming Yang, Jun Yu, Jian Wang, Guyang Huang, Jun Gu, Leroy Hood, Lee Rowen, Anup Madan, Shizen Qin, Ronald W. Davis, Nancy A. Federspiel, A. Pia Abola, Michael J. Proctor, Bruce A. Roe, Feng Chen, Huaqin Pan, Juliane Ramser, Hans Lehrach, Richard Reinhardt, W. Richard McCombie, Melissa de la Bastide, Neilay Dedhia, Helmut Blöcker, Klaus Hornischer, Gabriele Nordsiek, Richa Agarwala, L. Aravind, Jeffrey A. Bailey, Alex Bateman, Serafim Batzoglou, Ewan Birney, Peer Bork, Daniel G. Brown, Christopher B. Burge, Lorenzo Cerutti, Hsiu-Chuan Chen, Deanna Church, Michele Clamp, Richard R. Copley, Tobias Doerks, Sean R. Eddy, Evan E. Eichler, Terrence S. Furey, James Galagan, James G. R. Gilbert, Cyrus Harmon, Yoshihide Hayashizaki, David Haussler, Henning Hermjakob, Karsten Hokamp, Wonhee Jang, L. Steven Johnson, Thomas A. Jones, Simon Kasif, Arek Kasprzyk, Scot Kennedy, W. James Kent, Paul Kitts, Eugene V. Koonin, Ian Korf, David Kulp, Doron Lancet, Todd M. Lowe, Aoife McLysaght, Tarjei Mikkelsen, John V. Moran, Nicola Mulder, Victor J. Pollara, Chris P. Ponting, Greg Schuler, Jörg Schultz, Guy Slater, Arian F. A. Smit, Elia Stupka, Joseph Szustakowki, Danielle Thierry-Mieg, Jean Thierry-Mieg, Lukas

- Wagner, John Wallis, Raymond Wheeler, Alan Williams, Yuri I. Wolf, Kenneth H. Wolfe, Shiaw-Pyng Yang, Ru-Fang Yeh, Francis Collins, Mark S. Guyer, Jane Peterson, Adam Felsenfeld, Kris A. Wetterstrand, Richard M. Myers, Jeremy Schmutz, Mark Dickson, Jane Grimwood, David R. Cox, Maynard V. Olson, Rajinder Kaul, Christopher Raymond, Nobuyoshi Shimizu, Kazuhiko Kawasaki, Shinsei Minoshima, Glen A. Evans, Maria Athanasiou, Roger Schultz, Aristides Patrinos, & Michael J. Morgan.** 2001. "Initial sequencing and analysis of the human genome." *Nature* **409** (15 February): 860-921.
- International Religious Freedom.* 2014. "Executive Summary." U.S. State Department *International Religious Freedom Report 2013* July posting (online pdf at www.state.gov accessed 8/4/2014).
- The International Schizophrenia Consortium.** 2009. "Common polygenic variation contributes to risk of schizophrenia and bipolar disorder." *Nature* **460** (6 August): 748-752.
- International SNP Map Working Group, Ravi Sachidanandam, David Weissman, Steven C. Schmidt, Jerzy M. Kakol, Lincoln D. Stein, Gabor Marth, Steve Sherry, James C. Mullikin, Beverley J. Mortimore, David L. Willey, Sarah E. Hunt, Charlotte G. Cole, Penny C. Coggill, Catherine M. Rice, Zemin Ning, Jane Rogers, David R. Bentley, Pui-Yan Kwok, Elaine R. Mardis, Raymond T. Yeh, Brian Schultz, Lisa Cook, Ruth Davenport, Michael Dante, Lucinda Fulton, LaDeana Hillier, Robert H. Waterston, John D. McPherson, Brian Gilman, Stephen Schaffner, William J. Van Etten, David Reich, John Higgins, Mark J. Daly, Brendan Blumenstiel, Jennifer Baldwin, Nicole Stange-Thomann, Michael C. Zody, Lauren Linton, Eric S. Lander, & David Altshuler.** 2001. "A map of human genome sequence variation containing 1.42 million single nucleotide polymorphisms." *Nature* **409** (15 February): 928-933.
- The Interpreter's One-Volume Commentary on the Bible.* 1971. Ed. by Charles M. Layman. Nashville, TN: Abingdon Press.
- Introvigne, Massimo.** 1994. "The Devil Makers: Contemporary Evangelical Fundamentalist Anti-Mormonism." *Dialogue: A Journal of Mormon Thought* **27** (Spring): 153-168.
- Inzlicht, Michael, Ian McGregor, Jacob B. Hirsh, & Kyle Nash.** 2009. "Neural Markers of Religious Conviction." *Psychological Science* **20** (March): 385-392.
- Inzlicht, Michael, & Alexa M. Tullett.** 2010. "Reflecting on God: Religious Primes Can Reduce Neurophysiological Responses to Errors." *Psychological Science* **21** (August): 1184-1190.
- Inzlicht, Michael, Alexa M. Tullett, & Marie Good.** 2011a. "The need to believe: A neuroscience account of religion as a motivated process." *Religion, Brain & Behavior* **1** (October): 192-212.
- . 2011b. "Existential neuroscience: a proximate explanation of religion as flexible meaning and palliative." *Religion, Brain & Behavior* **1** (October): 244-251.
- Ioannidis, John P. A.** 2005. "Why Most Published Research Findings Are False." *PLoS Medicine* (online @ plosmedicine.org) **2** (August): e124.
- . 2012. "Why Science Is Not Necessarily Self-Correcting." *Perspectives on Psychological Science* **7** (November): 645-654.
- Iordansky, N. N.** 2010. "Pterygoideus Muscles and Other Jaw Adductors in Amphibians and Reptiles." *Biology Bulletin* (Russia) **37** (December): 905-914.
- Iovita, Radu.** 2011. "Shape Variation in Aterian Tanged Tools and the Origins of Projectile Technology: A Morphometric Perspective on Stone Tool Function." *PLoS ONE* (online @ plosone.org) **6** (December): e29029.
- IPCC.** 2011. "IPCC Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation." *Intergovernmental Panel on Climate Change* 28 November Fact Sheet posting (online pdf at ipcc-wg2.gov accessed 5/1/2015).
- Ipetitions.* 2016. "A nationwide moratorium on the teaching of evolution." December petition posting (online text at www.ipetitions.com accessed 12/22/2016).
- Ipsos Global @dvisory.* 2011. "Supreme Being(s), the Afterlife and Evolution," 25 April release (online text at www.ipsos-na.com accessed 4/29/2011).

- Ipsos MORI*. 2011. “Religious and Social Attitudes of UK Christians in 2011,” 14 February release of poll conducted for the *Richard Dawkins Foundation for Reason and Science* (online pdf at www.ipsos-mori.com accessed 2/23/2012).
- Ipsos Public Affairs*. 2012. “International monitor on climate risks.” August release of poll conducted for AXA insurance group (online pdf at www.ipsos.fr accessed 10/8/2012).
- Iqbal, Muzaffar**. 1999a. “The Geese are Flying South: Problems with Darwinian Gradualism.” *Metanexus* 14 October posting (online text at www.metanexus.net accessed 2/9/2017).
- . 1999b. “What Makes Islamic Science Islamic?” *Reports of the National Center for Science Education* **19** (November-December): 38-39.
- Iranzo, Jaime, José A. Cuesta, Susanna Manrubia, Mikhail I. Katsnelson, & Eugene V. Koonin**. 2017. “Disentangling the effects of selection and loss bias on gene dynamics.” *Proceedings of the National Academy of Sciences* **114** (11 July): E5616-E5624.
- Ireland, Corydon**. 2011. “On Darwin and gender.” *Harvard Gazette* 7 July posting (online text at news.harvard.edu/gazette/ accessed 2/23/2017).
- Irestedt, Martin, Knud A. Jønsson, Jon Fjeldså, Les Christidis, & Per G. P. Ericson**. 2009. “An unexpectedly long history of sexual selection in birds-of-paradise.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **9** (16 September): 235.
- Irie, Naoki, & Shigeru Kuratani**. 2011. “Comparative transcriptome analysis reveals vertebrate phylotypic period during organogenesis.” *Nature Communications* (online @ nature.com) **2** (22 March): 248.
- . 2014. “The development hourglass model: a predictor of basic body plan?” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **141** (15 December): 4649-4655.
- Irie, Naoki, & Atsuko Sehara-Fujisawa**. 2007. “The vertebrate phylotypic stage and an early bilterian-related stage in mouse embryogenesis defined by genomic information.” *BMC Biology* (online @ biomedcentral.com) **5** (12 January): 1.
- Irigonegaray, Pedro**. 2005. “Kansas Evolution Hearings: Pre-Hearings Statements by Pedro Irigonegaray.” *The TalkOrigins Archive* 1 July posting of 19 April statement (online text at talkorigins.org accessed 7/7/2005).
- Irimia, Manuel, Amanda Denuc, Demián Burguera, Ildiko Somorjai, Jose M. Martín-Durán, Grigory Genikhovich, Senda Jimenez-Delgado, Ulrich Technau, Scott W. Roy, Gemma Marfany, & Jordi Garcia-Fernández**. 2011. “Stepwise assembly of the *Nova*-regulated alternative splicing network in the vertebrate brain.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5319-5324.
- Irimia, Manuel, & Scott William Roy**. 2014. “Origin of Spliceosomal Introns and Alternative Splicing.” *Cold Spring Harbor Perspectives in Biology* **6** (June): a016071.
- Irimia, Manuel, Jakob L. Rukov, David Penny, Jordi Garcia-Fernandez, Jeppe Vinther, & Scott W. Roy**. 2008. “Widespread Evolutionary Conservation of Alternatively Spliced Exons in *Caenorhabditis*.” *Molecular Biology and Evolution* **25** (February): 375-382.
- Irion, Robert**. 1998a. “RNA Can’t Take the Heat.” *Science* **279** (27 February): 1303.
- . 1998b. “Did Twisty Starlight Set Stage for Life?” *Science* **281** (31 July): 626-627.
- . 2002. “Astrobiologists Try to ‘Follow the Water to Life.’” *Science* **296** (26 April): 647-648.
- . 2003a. “Do Some Galaxies Lack Shrouds of Dark Matter?” *Science* **300** (11 April): 233.
- . 2003b. “The Warped Side of Dark Matter.” *Science* **300** (20 June): 1894-1896.
- . 2004. “Are Most Life-Friendly Stars Older Than the Sun?” *Science* **303** (2 January): 27.
- Irish, Joel D., Debbie Guatelli-Sternberg, Scott S. Legge, Darryl J. de Ruiter, & Lee R. Berger**. 2013. “Dental Morphology and the Phylogenetic ‘Place’ of *Australopithecus sediba*.” *Science* **340** (12 April): 1233062 (online at sciencemag.org).
- Irmis, Randall B.** 2004. “First report of *Megapnosaurus* (Theropoda: Coelophysoidea) from China.” *PaleoBios* (University of California Museum of Paleontology) **24** (22 December): 11-18.
- . 2005a. “The vertebrate fauna of the Upper Triassic Chinle Formation in northern Arizona.” *Mesa Southwest Museum Bulletin* **9**: 63-88.

- . 2005b. “A review of the vertebrate fauna of the Lower Jurassic Navajo Sandstone in Arizona.” *Mesa Southwest Museum Bulletin* 11: 55-71.
- Irmis, Randall B., & David K. Elliott.** 2006. “Taphonomy of a Middle Pennsylvanian Marine Vertebrate Assemblage and an Actualistic Model for Marine Abrasion of Teeth.” *Palaios* 21 (October): 466-479.
- Irmis, Randall B., & Fabien Knoll.** 2008. “New ornithischian dinosaur material from the Lower Jurassic Lufeng Formation of China.” *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 247 (January): 117-128.
- Irmis, Randall B., Sterling J. Nesbitt, Kevin Padian, Nathan D. Smith, Alan H. Turner, Daniel Woody, & Alex Downs.** 2007. “A Late Triassic Dinosauriform Assemblage from New Mexico and the Rise of Dinosaurs.” *Science* 317 (20 July): 358-361.
- Irmis, Randall B., & Fabien Knoll.** 2008. “New ornithischian dinosaur material from the Lower Jurassic Lufeng Formation of China.” *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen* 247 (January): 117-128.
- Irmis, Randall B., Sterling J. Nesbitt, & Hans-Dieter Sues.** 2013. “Early Crocodylomorpha.” *Geological Society, London, Special Publications* 379: 257-302.
- Irmis, Randall B., & William G. Parker.** 2005. “Unusual tetrapod teeth from the Upper Triassic Chinle Formation, Arizona, USA.” *Canadian Journal of Earth Sciences* 42 (July): 1339-1345.
- Irmis, Randall B., William G. Parker, Sterling J. Nesbitt, & Jun Liu.** 2007. “Early ornithischian dinosaurs: the Triassic record.” *Historical Biology* 19 (March): 3-22.
- Irmis, Randall B., & Jessica H. Whiteside.** 2012. “Delayed recovery of non-marine tetrapods after the end-Permian mass extinction tracks global carbon cycle.” *Proceedings of the Royal Society of London B (Biological Sciences)* 279 (7 April): 1310-1318.
- Irmischler, Christoph.** 2013. *Louis Agassiz: Creator of American Science*. Boston: Houghton Mifflin Harcourt.
- Irons, Peter.** 2007. *God on Trial: Dispatches from America's Religious Battlefields*. New York: Viking Press.
- Irschick, Duncan J., & Bruce C. Jayne.** 1999. “Comparative three-dimensional kinematics of the hindlimb for high-speed bipedal and quadrupedal locomotion of lizards.” *The Journal of Experimental Biology* 202 (1 May): 1047-1065.
- Irvine, Don.** 2010. “N.Y. Times Public Editor Admits Paper Is Liberal.” *Accuracy in Media* 14 June posting (online text at www.aim.org accessed 11/26/2013).
- Irvine, Janice M.** 2002. *Talk About Sex: The Battles over Sex Education in the United States*. Berkeley, CA: University of California Press.
- Irvine, Reed.** 2000. “A Burning Book Issue.” *Accuracy in Media* 12 April posting (online text at www.aim.org accessed 3/1/2002, not available as of 10/17/2014).
- Irvine, Reed, & Cliff Kincaid.** 2000. “Academic Book Burning.” *Accuracy in Media* 25 April posting (online text at www.aim.org accessed 3/1/2002, not available as of 10/17/2014).
- Irvine, Steven Q., Janet L. Carr, Wendy J. Bailey, Kazuhiko Kawasaki, Nobuyoshi Sjimizu, Chris T. Amemiya, & Frank H. Ruddle.** 2002. “Genomic Analysis of Hox Clusters in the Sea Lamprey *Petromyzon marinus*.” *Journal of Experimental Zoology* 294 (15 April): 47-62.
- Irvine, Steven Q., Vera C. Fonseca, Michael A. Zompa, & Rajee Antony.** 2008. “Cis-regulatory organization of the *Pax6* gene in the ascidian *Ciona intestinalis*.” *Developmental Biology* 317 (15 May): 649-659.
- Irvine, Steven Q., & Mark Q. Martindale.** 2001. “Comparative analysis of Hox gene expression in the polychaete *Chaetopterus*: Implications for the evolution of body plan regionalization.” *Integrative and Comparative Biology (AKA American Zoologist)* 41 (June): 640-651.
- Irvine, William M., Per Bergman, Thomas B. Lowe, Henry Matthews, Douglas McGonagle, Albert Nummelin, & Toby Owen.** 2003. “Hcn and Hnc in Comets C/2000 Wm1 (Linear) and C/2002 C1 (Ikeya-Zhang).” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* 33 (December): 609-619.

- Irving, Dianne N.** 1996. “Scientific and Philosophical Expertise on evaluation of the arguments on ‘Personhood’.” *Lifeissues* posting of 20 September revised version of February 1993 *Linacre Quarterly* article (online text at www.lifeissues.net accessed 11/1/2011).
- . 2009. “Scientific References for the Colorado Personhood Constitutional Amendment.” *Personhood Education* posting (online pdf at personhoodeducation.org accessed 11/1/2011).
- Irving, E.** 2008. “Why Earth became so hot 50 million years ago and why it then cooled.” *Proceedings of the National Academy of Sciences* **105** (21 October): 16061-16062.
- Irving, Tyler.** 2013. “In the skin of a ... hadrosaur?” *Scientific Canadian* 6 May posting (online text at tylerirving.ca accessed 8/21/2013).
- Irwin, Brian.** 2012. “More ‘dino’ sightings in Papua New Guinea.” *Creation Ministries International* posting 23 August (online text at creation.com accessed 12/21/2012).
- Irwin, Darren E.** 2012. “A novel approach for finding ring species: look for barriers rather than rings.” *BMC Biology* (online @ biomedcentral.com) **10** (12 March): 21.
- Irwin, Darren E., Staffan Bensch, Jessica H. Irwin, & Trevor D. Price.** 2005. “Speciation by Distance in a Ring Species.” *Science* **307** (21 January): 414-416.
- Irwin, Darren E., Staffan Bensch, & Trevor D. Price.** 2001. “Speciation in a ring.” *Nature* **409** (18 January): 333-337.
- Irwin, Robert.** 1995. “Islam and the Crusades, 1096-1699,” in *Oxford Illustrated History of the Crusades* (1995, 217-259).
- Irwin, William P.** 1990. “3. Geology and Plate-Tectonic Development.” U.S. Department of the Interior *Geological Survey Professional Paper 1515*: 60-80.
- Isaac, Alison, Michael G. Sargent, & Jonathan Cooke.** 1997. “Control of Vertebrate Left-Right Asymmetry by a *Snail*-Related Zinc Finger Gene.” *Science* **275** (28 February): 1301-1304.
- Isaac, Randy.** 2007. “Assessing the RATE Project.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **59** (June): 143-146.
- . 2008. “Isaac Replies.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **60** (March): 36-38.
- . 2010a. “Historical causal analysis.” *American Scientific Affiliation ASA Book Discussion* 13 January posting (online text at asa3online.org accessed 4/25/2010).
- . 2010b. “Validity of Historical Sciences.” *American Scientific Affiliation ASA Book Discussion* 24 February posting (online text at asa3online.org accessed 4/25/2010).
- . 2010c. “ID Prediction Summary.” *American Scientific Affiliation ASA Book Discussion* 13 April posting (online text at asa3online.org accessed 4/25/2010).
- . 2011. “Information, Intelligence, and the Origins of Life.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **63** (December): 219-230.
- Isaacs, Darek.** 2009. *The Extinction of Evolution*. Alachua, FL: Bridge-Logos.
- . 2010. *Dragons or Dinosaurs? Creation or Evolution?* Alachua, FL: Bridge-Logos.
- . 2013. “Is There a Dominion Mandate?” *Answers in Genesis Research Journal* **6**: 1-16.
- Isaak, Mark.** 1998. “Problems with a Global Flood.” *The TalkOrigins Archive* posting revised 16 November (online text at talkorigins.org accessed 1/23/2014).
- . 2002. “Flood Stories from Around the World.” *The TalkOrigins Archive* posting revised 2 September (online text at talkorigins.org accessed 8/6/2010).
- . 2003. “What Design Looks Like.” *Reports of the National Center for Science Education* **23** (September-December): online text accessed 6/29/2009 (ncse.com).
- . 2005a. *The Counter-Creationism Handbook*. 2007 pb ed. Berkeley, CA: University of California Press.
- . 2005b. “Claim CG202.2: Chinese Hihking flood story.” *The TalkOrigins Archive* “Index to Creationist Claims” posting (online text at talkorigins.org accessed 2/23/2014).
- Isalan, Mark, Caroline Lemerich, Konstantinos Michalodimitrakis, Carsten Horn, Pedro Beltrao, Emanuele Raineri, Mireia Garriga-Canut, & Luis Serrano.** 2008. “Evolvability and hierarchy in rewired bacterial gene networks.” *Nature* **452** (17 April):

840-845.

- Isambert, Hervé, & Richard R. Stein.** 2009. "On the need for widespread horizontal gene transfers under genome size constraint." *Biology Direct* (online @ biomedcentral.com) **4** (25 August): 28.
- Isbouts, Jean-Pierre.** 2007. *The Biblical World: An Illustrated Atlas*. Washington, DC: National Geographic.
- ISCID.** 2002a. "Organisms using GAs vs. Organisms being built by GAs." *Forum* posting (online text at *iscid.org* accessed 5/21/2011).
- . 2002b. "The Three Domains of Life: A Challenge to the Concept of the Universal Cellular Ancestor?" *Forum* 26 July posting (online text at *iscid.org* accessed 8/9/2002).
- . 2002c. "ISCID's First Year Reflections." *ISCID* 11 December email (online text via *iscid.org* accessed 12/11/2002).
- . 2002d. "ISCID Contact Information." *ISCID* undated posting (online text via *iscid.org* accessed 9/13/2002).
- . 2003a. "Article in Commentary critiques eye evolution." *Forum* 10 June posting (online text at *iscid.org* accessed 6/23/2003).
- . 2003b. "Evolutionary Potential of (beta/alpha)₈ Barrels: Functional Promiscuity Produced by Single Substitutions in the Enolase Superfamily." *News & Features* discussion board 12 July posting (online text at *iscid.org* accessed 10/10/2011).
- ISCID Encyclopedia of Science and Philosophy.* 2005. BETA version (online text at *iscid.org* accessed 4/10/2010).
- Isecke, Yvonne.** 2017. Collier County, Florida 153 February affidavit. 2017. *Florida Citizens Alliance* posting (online pdf at *floridacitizensalliance.com* accessed 4/27/2017).
- Isfort, Robert, Dan Jones, Rhonda Kost, Richard Witter, & Hsing-Jien Kung.** 1992. "Retrovirus insertion into herpesvirus *in vitro* and *in vivo*." *Proceedings of the National Academy of Sciences* **89** (1 February): 991-995.
- Ishibashi, Kazuhiro, Yuichiro Kezuka, Chihoko Kobayashi, Masahiko Kato, Tsuyoshi Inoue, Takamasa Nonaka, Masayuki Ishikawa, Hiroyoshi Matsumura, & Etsuko Katoh.** 2014. "Structural basis for the recognition-evasion arms race between *Tomato mosaic virus* and the resistance gen *Tm-1*." *Proceedings of the National Academy of Sciences* **111** (19 August): E3486-E3495.
- Ishihara, Shunso, Hiroshi Ohmoto, Carl R. Anhaeusser, Akira Imai, & Laurence J. Robb.** 2006. "Discovery of the oldest oxitic granitoids in the Kaapvall Craton and its implications for the redox evolution of early Earth." *The Geological Society of America Memoirs* **198**: 67-80.
- Ishii, Yumiko, & Masakazu Shimada.** 2012. "Learning predator promotes coexistence of prey species in host-parasitoid systems." *Proceedings of the National Academy of Sciences* **109** (27 March): 5116-5120.
- Ishikawa, Masayuki, Makoto Fujiwara, Kintake Sonoike, & Naoki Sato.** 2009. "Orthogenomics of Photosynthetic Organisms: Bioinformatic and Experimental Analysis of Chloroplast Proteins of Endosymbiont Origin in Arabidopsis and Their Counterparts in *Synechocystis*." *Plant & Cell Physiology* **50** (April): 773-788.
- Ishimaru, Yoshiyasu, Sayuri Tomonari, Tuji Matsuoka, Takahito Watanabe, Katsuyuki Miyawaki, Tetsuya Bando, Kenji Tomioka, Hideyo Ohuchi, Sumihare Noji, & Taro Mito.** 2016. "TGF- β signaling in insects regulates metamorphosis via juvenile hormone biosynthesis." *Proceedings of the National Academy of Sciences* **113** (17 May): 5634-5639.
- Ishitani, Yoshiyuki, Ryoma Kamikawa, Akinori Yabuki, Masashi Tsuchiya, Yuji Inagaki, & Kiyotaka Takishita.** 2012. "Evolution of Elongation Factor-Like (EFL) Protein in Rhizaria is Revised by Radiolarian EFL Gene Sequences." *The Journal of Eukaryotic Microbiology* **59** (July/August): 367-373.
- Ishiyama, S., & M. Brecht.** 2016. "Neural correlates of ticklishness in the rat somatosensory cortex." *Science* **354** (11 November): 757-760.
- Ishizaki, Akihito, & Graham R. Fleming.** 2009. "Theoretical examination of quantum

- coherence in a photosynthetic system at physiological temperature.” *Proceedings of the National Academy of Sciences* **106** (13 October): 17255-17260.
- Ishizu, Tomohiro, & Semir Zeki.** 2011. “Toward A Brain-Based Theory of Beauty.” *PLoS ONE* (online @ plosone.org) **6** (July): e21852.
- Isikoff, Michael.** 2011. “Bachmann’s husband got \$137,000 in Medicaid funds.” *MSNBC* posting 28 June (online text at www.msnbc.msn.com accessed 7/5/2011).
- IslamiCity.* 2001. “Qur’an Search.” *IslamiCity – Islam & The Global Muslim eCommunity* (online text at www.islam.org/ accessed 12/18/2001).
- Islamic Life.* 2010. “Refutation on evolution.” *Islamic Life Forum* 2 October posting (online text at www.islamic-life.com accessed 2/24/2013).
- Islamic Pamphlets.* 2015. “Science in Islam.” *Learn the basics* undated pamphlet (islamicpamphlets.com).
- The Islamic Standard.* 2011. “Usama Hasan and his call to Kufr.” *The Islamic Standard* posting 25 January (online text at theislamicstandard.wordpress.com accessed 3/13/2011).
- Islas, Sara, Arturo Becerra, P. Luigi Luisi, & Antonio Lazcano.** 2004. “Comparative Genomics and the Gene Complement of a Minimal Cell.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **34** (February): 243-256.
- Isogai, Sumio, Nathan D. Lawson, Saioa Torrealday, Masaharu Horiguchi, & Brant M. Weinstein.** 2003. “Angiogenic network formation in the developing vertebrate trunk.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **130** (November): 5281-5290.
- Isom, Daniel G., Carlos A. Castañeda, Brian K. Cannon, & Bertrand García-Moreno E.** 2011. “Large shifts in pK_a values of lysine residues buried inside a protein.” *Proceedings of the National Academy of Sciences* **108** (29 March): 5260-5265.
- Ispolatov, Iaroslav, Martin Ackermann, & Michael Doebeli.** 2012. “Division of labour and the evolution of multicellularity.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 May): 1768-1776.
- Israde-Alcántara, Isabel, James L. Bischoff, Gabriela Dominguez-Vázquez, Hong-Chun Li, Paul S. DeCarli, Ted E. Bunch, James H. Wittke, James C. Weaver, Richard B. Firestone, Allen West, James P. Kennett, Chris Mercer, Sujing Xie, Eric K. Richman, Charles R. Kinzie, & Wendy S. Wolbach.** 2012. “Evidence from central Mexico supporting the Younger Dryas extraterrestrial impact hypothesis.” *Proceedings of the National Academy of Sciences* **109** (27 March): E738-E747.
- Israde-Alcántara, Isabel, James L. Bischoff, Paul S. DeCarli, Gabriela Dominguez-Vázquez, Ted E. Bunch, Richard B. Firestone, James P. Kennett, & Allen West.** 2012. “Reply to Blaauw et al., Boslough, Daulton, Gill et al., and Hardiman et al.: Younger Dryas impact proxies in Lake Cuitzeo, Mexico.” *Proceedings of the National Academy of Sciences* **109** (21 August): E2245-E2247.
- Israel, Josh.** 2013. “New California House Candidate Funded By Advocate For ‘Total Integration Of Biblical Law’.” *Think Progress* 3 July posting (online text at thinkprogress.org accessed 1/10/2014).
- . 2014. “Virginia Legislator Proposes Letting Schools Teach Kids That Climate Change And Evolution May Not Exist.” *Climate Progress* 6 January posting (online text at thinkprogress.org accessed 2/13/2014).
- Israeli, Garik.** 2012. “The lithium problem.” *Nature* **489** (6 September): 37-38.
- Issa, John B., & Keechen Zhang.** 2012. “Universal conditions for exact path integration in neural systems.” *Proceedings of the National Academy of Sciences* **109** (24 April): 6716-6720.
- Isshiki, Takako, Bret Pearson, Scott Holbrook, & Chris Q. Doe.** 2001. “*Drosophila* Neuroblasts Sequentially Express Transcription Factors which Specify the Temporal Identity of Their Neuronal Progeny.” *Cell* **106** (24 August): 511-521.
- Issues 2000.* 2000a. “Gary Bauer on Education.” *Issues 2000* posting (online text at www.issues2000.org accessed 2/7/2002).
- . 2000b. “Harry Browne on Education.” *Issues 2000* posting (online text at

- www.issues2000.org accessed 2/7/2002).
- . 2000c. “George W. Bush on Education.” *Issues 2000* posting (online text at www.issues2000.org accessed 2/7/2002).
- . 2000d. “Steve Forbes on Education.” *Issues 2000* posting (online text at www.issues2000.org accessed 2/7/2002).
- . 2000e. “John McCain on Education.” *Issues 2000* posting (online text at www.issues2000.org accessed 2/7/2002).
- . 2000f. “Howard Phillips on Education.” *Issues 2000* posting (online text at www.issues2000.org accessed 2/7/2002).
- Italiano, Philip A.** 2006. “*Kitzmiller v. Dover Area School District*: The First Judicial Test for Intelligent Design.” *Rutgers Journal of Law and Religion* **8** (Fall): online text at lawandreligion.com accessed 2/26/2014.
- Itan, Yuval, & Jean-Laurent Casanova.** 2015. “Can the impact of human genetic variations be predicted?” *Proceedings of the National Academy of Sciences* **112** (15 September): 11426-11427.
- Ito, Hisashi, & Ayumi Tanaka.** 2011. “Evolution of a divinyl chlorophyll-based photosystem in *Prochlorococcus*.” *Proceedings of the National Academy of Sciences* **108** (1 November): 18014-18019.
- . 2014. “Evolution of a New Chlorophyll Metabolic Pathway Driven by the Dynamic Changes in Enzyme Promiscuous Activity.” *Plant Cell Physiology* **55** (March): 593-603.
- Ito, Katsuhiko, Kurako Kidekoro, Hideki Sezutsu, Junko Nohata, Kimiko Yamamoto, Isao Kobayashi, Keiro Uchino, Andrew Kalyebi, Ryokitsu Eguchi, Wajiro Hara, Toshiki Tamura, Susumu Katsuma, Toru Shimada, Kazuei Mita, & Keiko Kadono-Okuda.** 2008. “Deletion of a gene encoding an amino acid transporter in the midgut membrane causes resistance to a *Bombyx* parvo-like virus.” *Proceedings of the National Academy of Sciences* **105** (27 May): 7523-7527.
- Ito, Koichi, Ludmila Frolova, Alim Seit-Nebi, Andrey Karamyshev, Lev Kisselev, & Yoshikazu Nakamura.** 2002. “Omnipotent decoding potential resides in eukaryotic translation termination factor eRF1 of variant-code organisms and is modulated by the interactions of amino acid sequences within domain 1.” *Proceedings of the National Academy of Sciences* **99** (25 June): 8494-8499.
- Ito, Masahiro, David B. Hicks, Tina M. Henkin, Arthur A. Guffanti, Benjamin D. Powers, Lior Zvi, Katsuyuki Uematsu, & Terry A. Krulwich.** 2004. “MotPS is the stator-force generator for motility of alkaliphilic *Bacillus*, and its homologue is a second functional Mot in *Bacillus subtilis*.” *Molecular Microbiology* **53** (August): 1035-1049.
- Itoh, Hiroyasu, Akira Takahashi, Kengo Adachi, Hiroyuki Noji, Ryohei Yasuda, Masasuke Yoshida, & Kazuhiko Kinoshita Jr.** 2004. “Mechanically driven ATP synthesis by F₁-ATPase.” *Nature* **427** (29 January): 465-468.
- Itoh, Shoichi, & Hisayoshi Yurimoto.** 2003. “Contemporaneous formation of chondrules and refractory inclusions in the early Solar System.” *Nature* **423** (12 June): 728-731.
- Itoh, Takehiko, Atsushi Toyoda, Todd D. Taylor, Yoshiyuki Sakaki, & Masahira Hattori.** 2005. “Identification of large ancient duplications associated with human gene deserts.” *Nature Genetics* **37** (October): 1041-1043.
- Itoh, Takeshi, William Martin, & Masatoshi Nei.** 2002. “Acceleration of genomic evolution caused by enhanced mutation rate in endocellular symbionts.” *Proceedings of the National Academy of Sciences* **99** (1 October): 12944-12948.
- Ittner, Doug.** 2009. “How Many Hospitals Have Christians Built?” *Life Without a Net* 13 February posting of *American Atheists* article (online text at livinglifewithoutanet.com accessed 10/26/2014).
- Itzkovitz, Shalev, & Uri Alon.** 2007. “The genetic code is nearly optimal for allowing additional information within protein-coding sequences.” *Genome Research* **17** (April): 405-412.
- Ivanov, A. V., A. A. Boven, S. B. Brandt, I. S. Brandt, & S. V. Rasskazov.** 2003. “Achievements and Limitations of the K-Ar and ⁴⁰Ar/³⁹Ar Methods: What’s in It for Dating the Quaternary Sedimentary Deposits?” *International Symposium—Speciation in Ancient*

- Lakes, SIAL III—Irkutsk, September 2-7, 2002*, 4:65-76. Berlin: Berliner Paläobiologische Abhandlungen (online pdf at hbar.phys.msu.ru accessed 5/7/2011).
- Ivanov, Martin.** 2002. "The oldest known Miocene snake fauna from Central Europe: Merkur-North locality, Czech Republic." *Acta Palaeontologica Polonica* **47** (3): 513-534.
- Ivanova, Natalia N., Patrick Schwientek, H. James Tripp, Christian Rinke, Amrita Pati, Marcel Huntemann, Axel Visel, Tanja Woyke, Nikos C. Kyrpides, & Edward M. Rubin.** 2014. "Stop codon reassingments in the wild." *Science* **344** (23 May): 909-913.
- Ivantsov, Andrey Yu.** 1999a. "A New Dickinsonid from the Upper Vendian of the White Sea Winter Coast (Russia, Arkhangelsk Region)." *Paleontological Journal* **33** (May-June): 211-221.
- . 1999b. "Trilobite-like arthropod from the Lower Cambrian of the Siberian Platform." *Acta Palaeontologica Polonica* **44** (4): 455-466.
- . 2001. "Vendian and Other Precambrian 'Arthropods'." *Paleontological Journal* **35** (July-August): 335-343.
- . 2004. "New Proarticulata from the Vendian of the Arkhangel'sk Region." *Paleontological Journal* **38** (May): 247-253.
- . 2009. "A New Reconstruction of *Kimberella*, Problematic Vendian Metazoan." *Paleontological Journal* **43** (October): 601-611.
- Ivantsov, A. Yu., & D. V. Grazhdankin.** 1997. "A New Representative of the Petalonamae from the Upper Vendian of the Arkhangelsk Region." *Paleontological Journal* **31** (January): 1-16.
- Ivantsov, Andrey Yu., Guy M. Narbonne, Peter W. Trusler, Carolyn Greentree, & Patricia Vickers-Rich.** 2016. "Elucidating *Ernieetta*: new insights from exceptional specimens in the Ediacaran of Namibia." *Lethaia* **49** (October): 540-554.
- Ivantsov, Andrey Yu., Andrey Yu. Zhuralev, Anton V. Leguta, Valentin A. Krassilov, Lyudmila M. Melnikova, & Galina T. Ushatinskaya.** 2005. "Palaeoecology of the Early Cambrian Sinsk biota from the Siberian Platform." *Palaeogeography, Palaeoclimatology, Palaeoecology* **220** (2 May): 97-107.
- Ivashkin, Evgeniy, & Igor Ademeyko.** 2013. "Progenitors of the protochordate ocellus as an evolutionary origin of the neural crest." *EvoDevo* (online @ evodevojournal.com) **4** (April): 12.
- Iverson, Vaughn, Robert M. Morris, Christian D. Frazar, Chris T. Berthiaume, Rhonda L. Morales, & E. Virginia Armbrust.** 2012. "Untangling Genomes from Metagenomes: Revealing an Uncultured Class of Marine Euryarchaeota." *Science* **335** (3 February): 587-590.
- Ives, John W., & Duane Froese.** 2013. "The Chobot (Alberta, Canada) cannot provide evidence of a cosmic impact 12,800 y ago." *Proceedings of the National Academy of Sciences* **110** (8 October): E3899.
- Ivics, Zoltán, Christopher D. Kaufman, Hatem Zayed, Csaba Miskey, Oliver Walisko, & Zsuzsanna Izsvák.** 2004. "The *Sleeping Beauty* Transposable Element: Evolution, Regulation and Genetic Applications." *Current Issues in Molecular Biology* **6** (January): 43-56.
- Ivins, Erik R.** 2009. "Ice Sheet Stability and Sea Level." *Science* **324** (15 May): 888-889.
- Ivory, Sarah J., Margaret W. Blome, John W. King, Michael M. McGlue, Julia E. Cole, & Andrew S. Cohen.** 2016. "Environmental change explains cichlid adaptive radiation at Lake Malawi over the past 1.2 million years." *Proceedings of the National Academy of Sciences* **113** (18 October): 11895-11900.
- Ivry, Benjamin.** 1996. *Francis Poulenc*. London: Phaidon Press Limited.
- Ivy-Ochs, S., H. Heuberger, P. W. Kubik, H. Kerschner, G. Bonani, M. Frank, & Ch. Schlüchter.** 1998. "The Age of the Köfels Event: Relative, ¹⁴C and Cosmogenic Isotope Dating of an Early Holocene Landslide in the Central Alps (Tyrol, Austria)." *Zeitschrift für Gletscherkunde und Glazialgeologie* **34** (1): 57-68.
- Iwai, Masakazu, Kenji Takizama, Ryutaro Tokutsu, Akira Okamuro, Yuichiro Takahashi, & Jun Minagawa.** 2010. "Isolation of the elusive supercomplex that drives cyclic electron

- flow in photosynthesis.” *Nature* **464** (22 April): 1210-1213.
- Iwama, Hisakazu, Kiyohito Kato, Hitomi Imachi, Koji Murao, & Tsutomu Masaki.** 2013. “Human MicroRNAs Originated from Two Periods at Accelerated Rates in Mammalian Evolution.” *Molecular Biology and Evolution* **30** (March): 613-626.
- Iwamoto, H., & N. Yagi.** 2013. “The Molecular Trigger for High-Speed Wing Beats in a Bee.” *Science* **341** (13 September): 1243-1246.
- Iwasaki, Shintaro, & Nicholas T. Ingolia.** 2016. “Seeing translation.” *Science* **352** (17 June): 1391-1392.
- Iwase, Mineyo, Yoko Satta, Yuriko Hirai, Hirohisa Hirai, Hirotami Imai, & Naoyuki Takahata.** 2003. “The amelogenin loci span an ancient pseudoautosomal boundary in diverse mammalian species.” *Proceedings of the National Academy of Sciences* **100** (29 April): 5258-5263.
- Iwashita, Shintaro, Sadao Ueno, Kentaro Nakashima, Si-Young Song, Kenshiro Ohshima, Kazuaki Tanaka, Hideki Endo, Junpei Kimura, Masamichi Kurohmaru, Katsuhiko Fukuta, Lior David, & Naoki Osada.** 2006. “A Tandem Gene Duplication Followed by Recruitment of a Retrotransposon Created the Paralogous Bucentaur Gene (*bcnt⁹⁷*) in the Ancestral Ruminant.” *Molecular Biology and Evolution* **23** (April): 798-806.
- Iyer, Harini, Melanie Issignois, Prashant P. Sharma, Cassandra G. Extavour, & Phillip A. Newmark.** 2016. “A premeiotic function for *boule* in the planarian *Schmidtea mediterranea*.” *Proceedings of the National Academy of Sciences* **113** (21 June): E3509-E3518.
- Iyer, Lakshminarayan M., Eugene V. Koonin, & L. Aravind.** 2002. “Classification and evolutionary history of the single-strand annealing proteins, RecT, Red β , ERF and RAD52.” *BMC Genomics* (online @ biomedcentral.com) **3** (21 March): 8.
- Iyer, Lakshminarayan M., Eugene V. Koonin, Detlef D. Leipe, & L. Aravind.** 2005. “Origin and evolution of the archaeo-eukaryotic primase superfamily and related palm-domain proteins: structural insights and new members.” *Nucleic Acids Research* **33** (July): 3875-3896.
- Iyer, Lakshminarayan M., Dapeng Zhang, Robson F. de Souza, Patricia J. Pukkila, Anjana Rao, & L. Aravind.** 2014. “Lineage-specific expansions of TET/JBP genes and a new class of DNA transposons shape fungal genomic and epigenetic landscapes.” *Proceedings of the National Academy of Sciences* **111** (4 February): 1676-1683.
- Iyer, Matthew K., Yashar S. Niknafs, Rohit Malik, Udit Singhal, Anirban Sahu, Yasuyuki Hosono, Terrence R. Barrette, John R. Prensner, Joseph R. Evans, Shuang Zhao, Anton Poliakov, Xuhong Cao, Saravana M. Dhanasekaran, Yi-Mi Wu, Dan R. Robinson, David G. Beer, Felix Y. Feng, Hanjharan K. Iyer, & Arul M. Chinnaiyan.** 2015. “The Landscape of Long Noncoding RNAs in the Human Transcriptome.” *Nature Genetics* **47** (March): 199-208.
- Iyer, Ravi, Spassena Koleva, Jesse Graham, Peter H. Ditto, & Jonathan Haidt.** 2010. “Understanding Libertarian Morality: The Psychological Roots of an Individualist Ideology.” *Social Science Research Network* posting revised 5 November (online pdf at papers.ssrn.com accessed 2/18/2011).
- Iyobe, Shizuko, Haruko Kusadokoro, Junko Ozaki, Naoki Matsumura, Shinzaburo Minami, Shin Haruta, Tetsuo Sawai, & Koji O’Hara.** 2000. “Amino Acid Substitutions in a Variant of IMP-1 Metallo- β -Lactamase.” *Antimicrobial Agents and Chemotherapy* **44** (August): 2023-2027.
- Izadi, Elahe, & Sarah Kaplan.** 2015. “Muslims protect Christians from extremists in Kenya bus attack.” *The Washington Post* “Acts of Faith” posting 22 December: online text accessed 12/22/2015 (www.washingtonpost.com).
- Izard, Véronique, Pierre Pica, Elizabeth S. Spelke, & Stanislas Dehaene.** 2011. “Flexible intuitions of Euclidean geometry in an Amazonian indigene group.” *Proceedings of the National Academy of Sciences* **108** (14 June): 9782-9787.
- Izard, Véronique, Coralie Sann, Elizabeth S. Spelke, & Arlette Streri.** 2009. “Newborn infants perceive abstract numbers.” *Proceedings of the National Academy of Sciences* **106**

- (23 June): 10382-10385.
- Izhar, Lior, Omer Ziv, Isadora S. Cohen, Nicholas E. Geacintov, & Zvi Livneh.** 2013. "Genomic assay reveals tolerance of DNA damage by both translesion DNA synthesis and homology-dependent repair in mammalian cells." *Proceedings of the National Academy of Sciences* **110** (16 April): E1462-E1469.
- Izon, Gareth, Aubrey L. Zerkle, Kenneth H. Williford, James Farquhar, Simon W. Poulton, & Mark W. Claire.** 2017. "Biological regulation of atmospheric chemistry en route to planetary oxygenation." *Proceedings of the National Academy of Sciences* **114** (28 March): E2571-E2579.
- Izquierdo, Alicia, Robin K. Suda, & Elisabeth A. Murray.** 2004. "Bilateral Orbital Prefrontal Cortex Lesions in Rhesus Monkeys Disrupt Choices Guided by Both Reward Value and Reward Contingency." *The Journal of Neuroscience* **24** (25 August): 7540-7548.
- Izquierdo, José-María, & Juan Valcárcel.** 2006. "A simple principle to explain the evolution of pre-mRNA splicing." *Genes & Development* **20** (1 July): 1679-1684.
- Izuma, Keise, Kenji Matsumoto, Colin F. Camerer, & Ralph Adolphs.** 2011. "Insensitivity to social reputation in autism." *Proceedings of the National Academy of Sciences* **108** (18 October): 17302-17307.
- Izuma, Keise, Madoka Matsumoto, Kou Murayama, Kazuyuki Samejima, Norihiro Sadato, & Kenji Matsumoto.** 2010. "Neural correlates of cognitive dissonance and choice-induced preference change." *Proceedings of the National Academy of Sciences* **107** (21 December): 22014-22019.
- Izuma, Keise, Daisuke N. Saito, & Norihiro Sadato.** 2008. "Processing of Social and Monetary Rewards in the Human Striatum." *Neuron* **58** (24 April): 284-294.
- Izumi, Kentaro, Tsuzumi Miyaji, & Kazushige Tanabe.** 2012. "Early Toarcian (Early Jurassic) oceanic anoxic event recorded in the shelf deposits in the northwestern Panthalassa: Evidence from the Nishinakayama Formation in the Toyota area, west Japan." *Palaeogeography, Palaeoclimatology, Palaeoecology* **315-316** (15 January): 100-108.

- Ja, William W., Gil B. Carvalho, Brian M. Zid, Elizabeth M. Mak, Ted Brummel, & Seymour Benzer.** 2009. "Water- and nutrient-dependent effects of dietary restriction on *Drosophila* lifespan." *Proceedings of the National Academy of Sciences* **106** (3 November): 18633-18637.
- Jaakkola, Kelly, Emily Guarino, Mandy Rodriguez, Linda Erb, & Marie Trone.** 2010. "What do dolphins (*Tursiops truncatus*) understand about hidden objects?" *Animal Cognition* **13** (January): 103-120.
- Jaakkola, Salla T., Janne J. Ravantti, Hanna M. Oksanen, & Dennis H. Bamford.** 2016. "Buried Alive: Microbes from Ancient Halite." *Trends in Microbiology* **24** (February): 148-160.
- Jabbari, Kamel, Edda Rayko, & Giorgio Bernardi.** 2003. "The major shifts of human duplicated genes." *Gene* **317** (October): 203-208.
- Jabbi, Mbemba, J. Shane Kippenhan, Philip Kohn, Stefano Marengo, Carolyn B. Mervis, Colleen A. Morris, Andreas Meyer-Lindenberg, & Karen Faith Berman.** 2012. "The Williams syndrome chromosome 7q11.23 hemideletion confers hypersocial, anxious personality coupled with altered insula structure and function." *Proceedings of the National Academy of Sciences* **109** (3 April): E860-E866.
- Jabbour, Florian, Catherine Damerval, & Sophie Nadot.** 2008. "Evolutionary Trends in the Flowers of Asteridae: Is Polyandry an Alternative to Zygomorphy?" *Annals of Botany* **102** (August): 153-165.
- Jablonska, Eva, & Gal Raz.** 2009. "Transgenerational Epigenetic Inheritance: Prevalence, Mechanisms, and Implications for the Study of Heredity and Evolution." *The Quarterly Review of Biology* **84** (June): 131-176.
- Jablonski, David.** 1998. "Geographic Variation in the Molluscan Recovery from the End-Cretaceous Extinction." *Science* **279** (27 February): 1327-1330.
- . 1999. "The Future of the Fossil Record." *Science* **284** (25 June): 2114-2116.
- . 2000. "Micro- and macroevolution: scale and hierarchy in evolutionary biology and paleobiology." *Paleobiology* **26** (Autumn Supplement): 15-52.
- . 2001. "Lessons from the past: Evolutionary impacts of mass extinctions." *Proceedings of the National Academy of Sciences* **98** (8 May): 5393-5398.
- . 2002. "Survival without recovery after mass extinctions." *Proceedings of the National Academy of Sciences* **99** (11 June): 8139-8144.
- . 2005. "Mass extinctions and macroevolution." *Paleobiology* **31** (June): 192-210.
- Jablonski, David, & John A. Finarelli.** 2009. "Congruence of morphologically-defined genera with molecular phylogenies." *Proceedings of the National Academy of Sciences* **106** (19 May): 8262-8266.
- Jablonski, David, Kaustuv Roy, James W. Valentine, Rebecca M. Price, & Philip S. Anderson.** 2003. "The Impact of the Pull of the Recent on the History of Marine Diversity." *Science* **300** (16 May): 1133-1135.
- Jablonski, David, & Neil H. Shubin.** 2015. "The future of the fossil record: Paleontology in the 21st century." *Proceedings of the National Academy of Sciences* **112** (21 April): 4852-4858.
- Jablonski, Nina G.** 2010a. "The Naked Truth." *Scientific American* **302** (February): 42-49.
- . 2010b. "Why the Aquatic Ape Theory Doesn't Hold Water." *Scientific American* **302** (February): 45.
- Jablonski, Nina G., & George Chaplin.** 2000. "The evolution of human skin coloration." *Journal of Human Evolution* **39** (July): 57-106.
- . 2010. "Human skin pigmentation as an adaptation to UV radiation." *Proceedings of the National Academy of Sciences* **107** (11 May): 8962-8968.
- . 2017. "The colours of humanity: the evolution of pigmentation in the human lineage." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **372** (5 July): 20160349.
- Jabr, Ferris.** 2012. "How Did Insect Metamorphosis Evolve?" *Scientific American* posting 10 August (online text at scientificamerican.com accessed 7/29/2017).

- Jachimowicz, Jon M., Salah Chafik, Sabeth Munrat, Jaideep C. Prabhu, & Elke U. Weber.** 2017. "Community trust reduces myopic decisions of low-income individuals." *Proceedings of the National Academy of Sciences* **114** (23 May): 5104-5106.
- Jack, Carmen V., Cristina Cruz, Ryan M. Hull, Markus A. Keller, Markus Ralser, & Jonathan Houseley.** 2015. Regulation of ribosomal DNA amplification by the TOR pathway." *Proceedings of the National Academy of Sciences* **112** (4 August): 9674-9679.
- Jack, Rachael E., Oliver G. B. Garrod, & Philippe G. Schyns.** 2014. "Dynamic Facial Expressions of Emotion Transmit an Evolving Hierarchy of Signals over Time." *Current Biology* **24** (2 January): 187-192.
- Jackman, Jane E., & Eric M. Phizicky.** 2006. "tRNA^{His} guanylyltransferase adds G₋₁ to the 5' end of tRNA^{His} by recognition of the anticodon, one of several features unexpectedly shared with tRNA synthetases." *RNA* **12** (June): 1007-1014.
- Jackson, Andrew P., Andrew Berry, Martin Aslett, Harriet C. Allison, Peter Burton, Jana Vavrova-Anderson, Robert Brown, Hilary Browne, Nicola Corton, Heidi Hauser, John Gamble, Ruth Gilderthorp, Lucio Marcello, Jacqueline McQuillan, Thomas D. Otto, Michael A. Quail, Mandy J. Sanders, Andries van Tonder, Michael L. Ginger, Mark C. Field, J. David Barry, Christiane Hertz-Fowler, & Matthew Berriman.** 2012. "Antigenic diversity is generated by distinct evolutionary mechanisms in African trypanosome species." *Proceedings of the National Academy of Sciences* **109** (28 February): 3416-3421.
- Jackson, Brittany, & Mark Rose.** 2009. "Walam Olum Hokum." *Archaeology* (4 December): online text accessed 8/17/2014 (archive.archaeology.org).
- Jackson, Colin R. M., Stephen W. Parman, Simon P. Kelley, & Reid F. Cooper.** 2013. "Noble gas transport into the mantle facilitated by high solubility in amphibole." *Nature Geoscience* **6** (July): 562-565.
- Jackson, Daniel.** 2016. "Atheists are embracing Gods and creationism." *The Spectator* (8 June): online text accessed 6/23/2016 (blogs.spectator.co.uk).
- Jackson, Daniel J., Luciana Macis, Joachim Reitner, Bernard M. Degnan, & Gert Wörheide.** 2007. "Sponge Paleogenomics Reveals an Ancient Role for Carbonic Anhydrase in Skeletogenesis." *Science* **316** (29 June): 1893-1895.
- Jackson, Gary.** 2011. "Video & Transcript: Sarah Palin on Fox News Sunday." *A Time For Choosing* posting 5 June (online text at thespeechatimeforchoosing.wordpress.com accessed 6/7/2011).
- Jackson, Glenn Charles.** 2001. "Fossils of a Feather." East Tennessee Creation Science Association *POINTS OF ORIGINS* 3 February posting (online text at etcsa.org accessed 9/29/2003).
- . 2009. "Horsing Around with Evolution." American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 12 December of "Creation Truth" article (online text at afa.net accessed 9/3/2010).
- . 2010. "Top Ten Reasons Why Darwin is Wrong." American Family Association *Rightly Concerned: Cautiously Observing the Left, from the Right* posting 25 August of "Creation Truth" article (online text at afa.net accessed 9/3/2010).
- Jackson, Henry, & Joe Taylor.** 2002a. "GLEN 'KUBANISM' FALSIFIED BY EMPIRICAL MAN TRACK EVIDENCE." *Omniology* undated posting (online text at www.omniology.com accessed 1/24/2003).
- . 2002b. "TIME-LIFE BOOKS CONFIRMS 'JACKALOPIAN RECONSTRUCTED NEANDERHALS'." *Omniology* undated posting (online text at www.omniology.com accessed 1/24/2003).
- . 2002c. "SECONDARY MAN TRACKS WITHIN DINOSAUR TRACKS." *Omniology* undated posting (online text at www.omniology.com accessed 1/24/2003, not available as of 1/17/2014).
- . 2002d. "THE BURDICK TRACK." *Omniology* undated posting (online text at www.omniology.com accessed 1/24/2003, not available as of 1/17/2014).
- . 2002e. "TAYLOR TRAIL 1969-1999." *Omniology* undated posting (online text at

- www.omniology.com accessed 1/24/2003, not available as of 1/17/2014).
- . 2007. “ARE THESE LIVING TRILOBITES?” *Omniology* undated posting (online text at www.omniology.com accessed 1/17/2014).
- Jackson, Herbert G. Jr.** 1972. *The Spirit Rappers*. Garden City, NY: Doubleday.
- Jackson, J. A., C. S. Baker, M. Vant, D. J. Steel, L. Medrano-González, & S. R. Palumbi.** 2009. “Big and Slow: Phylogenetic Estimates of Molecular Evolution in Baleen Whales (Suborder Mysticeti).” *Molecular Biology and Evolution* **26** (November): 2427-2440.
- Jackson, Jeremy B. C., & Alan H. Cheetham.** 1990. “Evolutionary Significance of Morphospecies: A Test with Cheilostome Bryozoa.” *Science* **248** (4 May): 579-582.
- . 1999. “Tempo and mode of speciation in the sea.” *Trends in Ecology & Evolution* **14** (February): 72-77.
- Jackson, Joe.** 2005. *A World on Fire: A Heretic, an Aristocrat, And the Race to Discover Oxygen*. New York: Viking Press.
- Jackson, Lionel E., Laurence D. Andriashek, & Fred M. Phillips.** 2011. “Limits of Successive Middle and Late Pleistocene Continental Ice Sheets, Interior Plains of Southern and Central Alberta and Adjacent Areas,” in Ehlers *et al.* (2011, 575-589).
- Jackson, Matthew G., & Richard W. Carlson.** 2011. “An ancient recipe for flood-basalt genesis.” *Nature* **476** (18 August): 316-319.
- Jackson, M. G., J. G. Konter, & T. W. Becker.** 2017. “Primordial helium entrained by the hottest mantle plumes.” *Nature* **542** (16 February): 340-343.
- Jackson, Nicholas J., Joshua D. Isen, Rubin Khoddam, Daniel Irons, Catherine Tuvblad, William G. Iacono, Matt McGue, Adrian Raine, & Laura A. Baker.** 2016. “Impact of adolescent marijuana use on intelligence: Results from two longitudinal twin studies.” *Proceedings of the National Academy of Sciences* **113** (2 February): E500-E508.
- Jackson, Robert B.** 2014. “The integrity of oil and gas wells.” *Proceedings of the National Academy of Sciences* **111** (29 July): 10902-10903.
- Jackson, Roger Scott.** 2008. *Sam Singleton Atheist Evangelist: Patriarchs and Penises*. New York: Flag Knob Publishers.
- Jackson, Stephen T., & Jessica L. Blois.** 2015. “Community ecology in a changing environment: Perspectives from the Quaternary.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4915-4921.
- Jackson, Terry.** 1997. The Devolution of Evolution.” *Society of St. Pius* posting of *The Angelus* magazine article (online text at spx.org accessed 4/25/2011).
- Jackson, Thomas.** 2011. “The Decline of the West.” *American Renaissance* 29 December posting (online text at www.amren.com accessed 7/3/2015).
- Jackson, Timothy N. W., Bruce Young, Garth Underwood, Colin J. McCarthy, Elazar Kochva, Nicolas Vidal, Louise van der Weerd, Rob Nabuurs, James Dobson, Daryl Whitehead, Freek J. Vonk, Iwan Hendriks, Chris Hay, & Bryan G. Fry.** 2017. “Endless forms most beautiful: the evolution of ophidian oral glands, including the venom system, and the use of appropriate terminology for homologous structures.” *Zoomorphology* **136** (March): 107-130.
- Jackson, Wayne.** 1994. “The Scientific Credibility of Charles Darwin.” *Reason & Revelation* **14** (November): 88.
- . 2002. “Incest and the Bible.” *Apologetics Press* posting (online text at www.apologeticspress.org accessed 9/24/2002).
- Jacob, Chaim O.** 2011. “Reflections on Darwinian Evolution – Is there a Jewish Perspective?” *Rambam Maimonides Medical Journal* (online @ rmmj.org.il) **2** (April): e0044.
- Jacob, François.** 1977. “Evolution and Tinkering.” *Science* **196** (10 June): 1161-1166.
- Jacob, K., Chinna Jacob, & R. N. Shrivastava.** 1953. “Spores and Tracheids of Vascular Plants from the Vindhyan System, India: the Advent of Vascular Plants.” *Nature* **172** (25 July): 166-167.
- Jacob, Margaret C.** 2013. “The Left, Right and Science: Relativists and Materialists.” *Logos* **12** (Spring): online text accessed 6/16/2013 (logosjournal.com).
- Jacobovici, Simcha.** 2014. “Jesus’ Biological Father.” *Simcha Jacobovici Television* posting 18

- May (online text at www.simchajtv.com accessed 12/18/2014).
- Jacobs, A. J.** 2007. *The Year of Living Biblically: One Man's Humble Quest to Follow the Bible as Literally as Possible*. New York: Simon & Schuster.
- Jacobs, Adam L., Gene Fridman, Robert M. Douglas, Nazia M. Alam, Peter E. Latham, Glen T. Prusky, & Sheila Nirenberg.** 2009. "Ruling out and ruling in neural codes." *Proceedings of the National Academy of Sciences* **106** (7 April): 5936-5941.
- Jacobs, Andrew.** 2004. "Georgia Takes on 'Evolution'." *The New York Times* posting 30 January; online text accessed 5/15/2014 (www.nytimes.com).
- Jacobs, Ben.** 2015. "Meet the nutters on Team Trump—the people behind the candidate's quest for the White House." *The Raw Story* 12 December reposting of *The Guardian* article (online text at www.rawstory.com accessed 12/12/2015).
- Jacobs, Christine, & Lucy Shapiro.** 1999. "Bacterial cell division: A moveable feast." *Proceedings of the National Academy of Sciences* **96** (25 May): 5891-5893.
- Jacobs, David K., & Ruth D. Gates.** 2003. "Developmental Genes and the Reconstruction of Metazoan Evolution—Implications of Evolutionary Loss, Limits on Inference of Ancestry and Type 2 Errors." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 11-18.
- Jacobs, David K., Nigel C. Hughes, Sorel T. Fitz-Gibbon, & Christopher J. Winchell.** 2005. "Terminal addition, the Cambrian radiation and the Phanerozoic evolution of bilaterian form." *Evolution & Development* **7** (November-December): 498-514.
- Jacobs, Dave K., Nagayasu Nakanishi, David Yuan, Anthony Camara, Scott A. Nichols, & Volker Hartenstein.** 2007. "Evolution of sensory structures in basal metazoa." *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 712-723.
- Jacobs, Frank M. J., David Greenberg, Ngan Nguyen, Maximilian Haessler, Adam D. Ewing, Sol Katzman, Benedict Paten, Sofie R. Salama, & David Haessler.** 2014. "An evolutionary arms race between KRAB zinc-finger genes *ZNF91/93* and *SVA/L1* retrotransposons." *Nature* **516** (11 December): 242-245.
- Jacobs, Gerald H.** 2009. "Evolution of colour vision in mammals." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2957-2967.
- Jacobs, Gerald H., & Jeremy Nathans.** 2007. "Response to Comment on 'Emergence of Color Vision in Mice Engineered to Express a Human Cone Photopigment'." *Science* **318** (12 October): 196.
- Jacobs, Gerald H., & Mickey P. Rowe.** 2004. "Evolution of vertebrate colour vision." *Clinical and Experimental Optometry* **87** (July): 206-216.
- Jacobs, Gerald H., Gary A. Williams, Hugh Cahill, & Jeremy Nathans.** 2007. "Emergence of Color Vision in Mice Engineered to Express a Human Cone Photopigment." *Science* **315** (23 March): 1723-1725.
- Jacobs, Jake Z., Jesus D. Rosado-Lugo, Susanne Cranz-Mileva, Keith M. Ciccaglione, Vincent Tournier, & Mikel Zaratigui.** 2015. "Arrested replication forks guide retrotransposon integration." *Science* **349** (25 September): 1549-1553.
- Jacobs, Jennifer, Wayne B. Jonas, Margarita Jiménez-Pérez, & Dean Crothers.** 2003. "Homeopathy for childhood diarrhea: combined results and meta-analysis from three randomized, controlled clinical trials." *The Pediatric Infectious Disease Journal* **22** (March): 229-234.
- Jacobs, Jill.** 2011. "Goldstone 2.0: God Plays No Favorites." *Religion Dispatches* 16 April posting (online text at religiondispatches.org accessed 4/20/2011).
- Jacobs, Lucia F.** 1996. "Sexual selection and the brain." *Trends in Ecology & Evolution* **11** (February): 82-86.
- . 2012. "From chemotaxis to the cognitive map: The function of olfaction." *Proceedings of the National Academy of Sciences* **109** (26 June): 10693-10700.
- Jacobs, Tom.** 2012. "Do Atheists Have Deathbed Conversions?" *Pacific Standard* 10 July posting (online text at www.psmag.com accessed 7/14/2012).
- . 2013. "Who Is More Likely to Lie for Financial Gain?" *Pacific Standard* 21 October posting (online text at www.psmag.com accessed 10/31/2013).

- Jacobs, Zenobia, Richard G. Roberts, Rex F. Galbraith, Hilary J. Deacon, Rainer Grün, Alex Mackay, Peter Mitchell, Ralf Vogelsang, & Lyn Wadley.** 2008. "Ages for the Middle Stone Age of Southern Africa: Implications for Human Behavior and Dispersal." *Science* **322** (31 October): 733-735.
- Jacobsen, Benjamin, Qing-zhu. Yin, Frederic Moynier, Yuri Amelin, Alexander N. Krot, Kazuhide Nagashima, Ian. D. Hutcheon, & Herbert Palme.** 2008. "²⁶Al-²⁶Mg and ²⁰⁷Pb-²⁰⁶Pb systematics of Allende CAIs: Canonical solar initial ²⁶Al/²⁷Al ratio reinstated." *Earth and Planetary Science Letters* **272** (30 July): 353-364.
- Jacobsen, Nicole M.** 2013. "A. Roe: 12 years later." *Freethought Today* **30** (April): 3.
- Jacobsohn, Triston.** 2002. "Evolution Illusion: Fossils." *Evolution Illusion* website posting (online pdf at *ZhenAiShenghuo.org* accessed 12/3/2009).
- Jacobson, Dean.** 1999. "Stephen Meyer and Creation Week." *Reports of the National Center for Science Education* **19** (January-February): 4-6.
- Jacobson, Louis.** 2016. "Donald Trump cites dubious legend about Gen. Pershing, pig's blood and Muslim." *PolitiFact* 23 February posting (online text at *www.politifact.com* accessed 2/23/2016).
- Jacobson, S. B., & G. J. Wasserburg.** 1984. "Sm-Nd isotopic evolution of chondrites and achondrites, II." *Earth and Planetary Science Letters* **67** (February): 137-150.
- Jacobson, Seth A., Alessandro Morbidelli, Sean N. Raymond, David P. O'Brien, Kevin J. Walsh, & David C. Rubie.** 2014. "Highly siderophile elements in Earth's mantle as a clock for the Moon-forming impact." *Nature* **508** (3 April): 84-87.
- Jacoby, Jeff.** 2005. "The Timeless Truth of Creation." *Boston Globe* (2 October) Discovery Institute Center for Science & Culture posting (online text at *discovery.org* accessed 5/26/2014).
- . 2006. "Kids take back seat to gay agenda." *The Boston Globe* posting 15 March: online text accessed 5/26/2014 (*www.boston.com*).
- . 2007. "A call for separation of school and state." *The Boston Globe* posting 4 March: online text accessed 5/26/2014 (*www.boston.com*).
- . 2010. "Keep government out of the schools." *The Boston Globe* posting 30 May: online text accessed 5/26/2014 (*www.boston.com*).
- . 2011a. "Cooler heads prevail against climate panic." *The Boston Globe* posting 1 June: online text accessed 5/26/2014 (*www.boston.com*).
- . 2011b. "Climate skeptics don't 'deny science'." *The Boston Globe* posting 24 September: online text accessed 5/26/2014 (*www.boston.com*).
- . 2013a. "Darwin's Conundrum: Where Does Compassion Come From?" *The Boston Globe* posting 4 September: online text accessed 5/26/2014 (*www.boston.com*).
- . 2013b. "Majority rules on climate science?" *The Boston Globe* posting 4 December: online text accessed 5/26/2014 (*www.boston.com*).
- Jacoby, Susan.** 2004. *Freethinkers: A History of American Secularism*. New York: Metropolitan Books (Henry Holt & Co.).
- . 2008. *The Age of American Unreason*. New York: Pantheon Books.
- . 2011a. "How the religious right distorts history." *The Spirited Atheist* 6 July posting (online text via *www.washingtonpost.com* accessed 8/4/2011).
- . 2011b. "Media know-nothings first declare Norwegian terrorist Muslim, then Christian." *The Spirited Atheist* 27 July posting (online text via *www.washingtonpost.com* accessed 8/4/2011).
- . 2011c. "Atheist group's frivolous lawsuit aims to bar 'cross' from 9/11 museum." *The Spirited Atheist* 1 August posting (online text via *www.washingtonpost.com* accessed 8/4/2011).
- . 2013. *The Great Agnostic: Robert Ingersoll and American Freethought*. New Haven, CT: Yale University Press.
- Jacques, Pierre-Étienne, Justin Jeyakani, & Guillaume Bourque.** 2013. "The Majority of Primate-Specific Regulatory Sequences Are Derived from Transposable Elements." *PLoS Genetics* (online @ *plosgenetics.org*) **9** (May): e1003504.

- Jacquet, Pierre O., Nicolas Baumard, & Coralie Chevallier.** 2016. “Does culture get embained?” *Proceedings of the National Academy of Sciences* **113** (24 May): E2873.
- Jadwiszczak, Piotr, & Thomas Mörs.** 2011. “Aspects of diversity in early Antarctic penguins.” *Acta Palaeontologica Polonica* **56** (2): 269-277.
- Jaeger, Jean-Jacques.** 2008. “Why do mammals rule the world?” in Benton (2008a, 46-49).
- Jaeger, Jean-Jacques, K. Christopher Beard, Yaowalak Chaimanee, Mustafa Salem, Mouloud Benammi, Osama Hlal, Pauline Coster, Awad A. Bilal, Philippe Durringer, Mathieu Schuster, Xavier Valentin, Bernard Marandat, Laurent Marivaux, Eddy Métais, Omar Hammuda, & Michel Brunet.** 2010. “Late middle Eocene epoch of Libya yields earliest known radiation of African anthropoids.” *Nature* **467** (28 October): 1095-1098.
- Jaeger, T. Florian, Daniel Pontillo, & Peter Graff.** 2012. “Comment on ‘Phenomic Diversity Supports a Serial Founder Effect Model of Language Expansion from Africa’.” *Science* **335** (2 March): 1042.
- Jaeggi, Susanne M., Martin Buschkuhl, John Jonides, & Walter J. Perrig.** 2008. “Improving fluid intelligence with training on working memory.” *Proceedings of the National Academy of Sciences* **105** (13 May): 6829-6833.
- Jaenike, John, Robert Unckless, Sarah N. Cockburn, Lisa M. Boelio, & Steve J. Perlman.** 2010. “Adaptation via Symbiosis: Recent Spread of a *Drosophila* Defensive Symbiont.” *Science* **329** (9 July): 212-215.
- Jafari, S. M., A. Shemirani, & B. Hamdi.** 2007. “Microstratigraphy of the Late Ediacaran to the Ordovician in NW Iran (Takab area).” *Geological Society, London, Special Publications* **286**: 433-437.
- Jaffe, Eileen K.** 2007. “Alternate Folds with Alternate Functions—The Silent but Not Invisible SNPs.” *Science* 10 April letter posting (online text at sciencemag.org accessed 8/27/2014)
- Jaffe, Klaus.** 1991. “Genetic similarity, human altruism and group selection: A study of the open peer commentaries.” *Behavioral and Brain Sciences* **14** (3): 525-526.
- Jaffe, Sarah.** 2011. “Can a Progressive Atheist Defeat the Democrats’ ‘Family’ Man in NC?” *Religion Dispatches* 6 July posting (online text at religiondispatches.org accessed 7/9/2011).
- Jagannathan, Aparna, Chrystala Constantinidou, & Charles W. Penn.** 2001. “Roles of *rpoN*, *fliA*, and *flgR* in Expression of Flagella in *Campylobacter jejuni*.” *Journal of Bacteriology* **183** (May, No. 9): 2937-2942.
- Jäger, Gerhard.** 2015. “Support for linguistic macrofamilies from weighted sequence alignment.” *Proceedings of the National Academy of Sciences* **112** (13 October): 12752-12757.
- Jager, Muriel, Jérôme Murienne, Céline Clabaut, Jean Deutsch, Hervé Le Guyader, & Michaël Manuel.** 2006. “Homology of arthropod anterior appendages revealed by Hox gene expression in a sea spider.” *Nature* **441** (25 May): 506-508.
- Jager, M., E. Quéinnec, E. Houlston, & M. Manuel.** 2006. “Expansion of the SOX gene family predated the emergence of the Bilateria.” *Molecular Phylogenetics and Evolution* **39** (May): 468-477.
- Jaggard, Victoria.** 2009. “Could Jupiter Moon Harbor Fish-Size Life?” *National Geographic News* (16 November): online text accessed 11/2/2011 (news.nationalgeographic.com).
- Jagger, B. W., H. M. Wise, J. C. Kash, K.-A. Walters, N. M. Wills, Y.-L. Xiao, R. L. Dunfee, L. M. Schwartzman, A. Ozinsky, G. L. Bell, R. M. Dalton, A. Lo, S. Efstathiou, J. F. Atkins, A. E. Firth, J. K. Taubenberger, & P. Digard.** 2012. “An Overlapping Protein-Coding Region in Influenza A Virus Segment 3 Modulates the Host Response.” *Science* **337** (13 July): 199-204.
- Jagger, W. S., & P. J. Sands.** 1996. “A Wide-angle Gradient Index Optical Model of the Crystalline Lens and Eye of the Rainbow Trout.” *Vision Research* **36** (September): 2623-2639.
- Jagnow, David H., Carol A. Hill, Donald G. Davis, Harvey R. DuChene, Kimberley I. Cunningham, Diana E. Northup, & J. Michael Queen.** 2000. “History of the sulfuric

- acid theory of speleogenesis in the Guadalupe Mountains, New Mexico.” *Journal of Cave and Karst Studies* (AKA *Bulletin of the National Speleological Society*) **62** (August): 54-59.
- Jago, James B., & Roger A. Cooper.** 2005. “A *Glyptagnostus stolidotus* trilobite fauna from the Cambrian of northern Victoria Land, Antarctica.” *New Zealand Journal of Geology & Geophysics* **48** (4): 661-681.
- Jago, J. B., & A. W. McNeil.** 1997. “A late Middle Cambrian shallow-water trilobite fauna from the Mt Read Volcanics, northwestern Tasmania.” *Papers and Proceedings of the Royal Society of Tasmania* **131**: 85-90.
- Jagoutz, Oliver, Francis A. Macdonald, & Leigh Royden.** 2016. “Low-latitude arc-continent collision as a driver for global cooling.” *Proceedings of the National Academy of Sciences* **113** (3 May): 4935-4940.
- Jahanshad, Neda, Omid Kohannim, Derrek P. Hibar, Jason L. Stein, Katie L. McMahon, Greig I. de Zubicaray, Sarah E. Medland, Grant W. Montgomery, John B. Whitfield, Nicholas G. Martin, Margaret J. Wright, Arthur W. Toga, & Paul M. Thompson.** 2012. “Brain structure in healthy adults is related to serum transferrin and the H63D polymorphism in the *HFE* gene.” *Proceedings of the National Academy of Sciences* **109** (3 April): E851-E859.
- Jahme, Carole.** 2000. *Beauty and the Beasts: Woman, Ape and Evolution*. New York: Soho Press.
- Jahnert, Ricardo J., & Lindsay B. Collins.** 2012. “Characteristics, distribution and morphogenesis of subtidal microbial systems in Shark Bay, Australia.” *Marine Geology* **303-306** (15 March): 115-136.
- Jahoda, Gustav.** 1968. “Scientific training and the persistence of traditional beliefs among West African university students.” *Nature* **216** (28 December): 1356.
- . 1969. *The Psychology of Superstition*. London: Allen Lane The Penguin Press.
- Jahren, A. Hope, Steven Porter, & Jeffrey J. Kuglitsch.** 2003. “Lichen metabolism identified in Early Devonian terrestrial organisms.” *Geology* **31** (February): 99-103.
- Jaillon, Olivier, Jean-Marc Aury, Frédéric Brunet, Jean-Louis Petit, Nicole Stange-Thomann, Evan Mauceli, Laurence Bouneau, Cécile Fischer, Catherine Ozouf-Costaz, Alain Bernot, Sophie Nicaud, David Jaffe, Sheila Fisher, Georges Lutfalla, Carole Dossat, Béatrice Segurens, Corinne Dasilva, Marcel Salanoubat, Michael Levy, Nathalie Boudet, Sergi Castellano, Véronique Anthouard, Claire Jubin, Vanina Castelli, Michael Katinka, Benoit Vacherie, Christian Biéumont, Zineb Skalli, Laurence Cattolico, Julie Poulain, Véronique de Berardinis, Corinne Cruaud, Simone Duprat, Philippe Brottier, Jean-Pierre Coutanceau, Jérôme Gouzy, Genis Parra, Guillaume Lardier, Charles Chapple, Kevin J. McKernan, Paul McEwan, Stephanie Bosak, Manolis Kellis, Jean-Nicolas Volff, Roderic Guigó, Michael C. Zody, Jill Mesirov, Kerstin Lindblad-Toh, Bruce Birren, Chad Nusbaum, Daniel Kahn, Marc Robinson-Rechavi, Vincent Laudet, Vincent Schächter, Francis Quétier, William Saurin, Claude Scarpelli, Patrick Wincker, Eric S. Lander, Jean Weissenbach, & Hugues Roest Crollius.** 2004. “Genome duplication in the teleost fish *Tetraodon nigroviridis* reveals the early vertebrate proto-karyotype.” *Nature* **431** (21 October): 946-957.
- Jaillon, Olivier, Khaled Bouhouche, Jean-François Gout, Jean-Marc Aury, Benjamin Noel, Baptiste Saudemont, Mariusz Nowacki, Vincent Serrano, Betina M. Porcel, Béatrice Séguens, Anne Le Mouël, Gersende Lepère, Vincent Schächter, Mireille Bétermier, Jean Cohen, Patrick Wincker, Lina Sperling, Laurent Duret, & Eric Meyer.** 2008. “Translational control of intron splicing in eukaryotes.” *Nature* **451** (17 January): 359-362.
- Jain, Andrea.** 2016. “Trump And Hindu Nationalism: A Match Made In Bollywood.” *Religion Dispatches* 17 October posting (online text at religiondispatches.org accessed 11/7/2016).
- Jain, Andrea, & Michael Schulson.** 2016. “The World’s Most Influential Yoga Teacher Is A Homophobic Right-Wing Activist.” *Religion Dispatches* 4 October posting (online text at religiondispatches.org accessed 10/5/2016).
- Jain, Ashok, & R. Evans.** 1972. “Calculation of the Electrical Resistivity of Liquid Iron in the Earth’s Core.” *Nature Physical Science* **235** (28 February): 165-167.
- Jain, Rakesh K.** 2003. “Molecular regulation of vessel maturation.” *Nature Medicine* **9** (June):

685-693.

- Jain, Ravi, Maria C. Rivera, & James A. Lake.** 1999. "Horizontal gene transfer among genomes: The complexity hypothesis." *Proceedings of the National Academy of Sciences* **96** (30 March): 3801-3806.
- Jain, Sanjay, & Sandeep Krishna.** 2001. "A model for the emergence of cooperation, interdependence, and structure in evolving networks." *Proceedings of the National Academy of Sciences* **98** (16 January): 543-547.
- Jakob, Wolfgang, & Bernd Schierwater.** 2007. "Changing Hydrozoan Bauplans by Silencing Hox-Like Genes." *PLoS ONE* (online @ plosone.org) **2** (August): e694.
- Jakobi, Steven R.** 2010. "'Little Monkeys on the Grass...' How People for and Against Evolution Fail to Understand the Theory of Evolution." *Evolution: Education & Outreach* **3** (September): 416-419.
- Jakosky, B. M., M. Slipski, M. Benna, P. Mahaffy, M. Elrod, R. Yelle, S. Stone, & N. Alsaed.** 2017. "Mars' atmospheric history derived from upper-atmosphere measurements of $^{38}\text{Ar}/^{36}\text{Ar}$." *Science* **355** (31 March): 1408-1410.
- Jakovcevski, Igor, Nicole Mayer, & Nada Zecevic.** 2011. "Multiple Origins of Human Neocortical Interneurons Are Supported by Distinct Expression of Transcription Factors." *Cerebral Cortex* **21** (August): 1771-1782.
- Jamaladdin, Shereen, Richard D. W. Kelly, Laura O'Regnan, Oliver M. Dovey, Grace E. Hodson, Christopher J. Millard, Nicola Portolano, Andrew M. Fry, John W. R. Schwabe, & Shaun M. Cowley.** 2014. "Histone deacetylase (HDAC) 1 and 2 are essential for accurate cell division and the pluripotency of embryonic stem cells." *Proceedings of the National Academy of Sciences* **111** (8 July): 9840-9845.
- James, Aaron.** 2012. *Assholes: A Theory*. New York: Doubleday.
- James, Alex, Ken Morrison, & Simon Todd.** 2012. "A mathematical model of the defence mechanism of a bombardier beetle." *Journal of the Royal Society Interface* **10** (February): 20120801.
- James, Christine.** 2008. "Evolution and Conservative Christianity: How Philosophy of Science Pedagogy Can Begin the Conversation." University of Toronto *Spontaneous Generations* **2** (1): 185-212.
- James, Craig A.** 2010. *The Religion Virus—Why You Believe in God: An Evolutionist Explains Religion's Incredible Hold on Humanity*. Hants, UK: O Books.
- James, Frances C., & John A. Pourtless IV.** 2009. "Cladistics and the Origin of Birds: A Review and Two New Analyses." *Ornithological Monographs* **66** (April): 1-78.
- James, Frank.** 2011. "Perry To Boy: Evolution 'A Theory' With 'Gaps'; Equates It To Creationism." NPR *It's All Politics* blog 18 August (online text at www.npr.org accessed 8/20/2011).
- James, Hector E., & Timothy G. Canty.** 1995. "Human tails and associated spinal anomalies." *Clinical Pediatrics* **34** (May): 286-288.
- James, Leo C., & Dan S. Tawfik.** 2001. "Catalytic and binding poly-reactivities shared by two unrelated proteins: The potential role of promiscuity in enzyme evolution." *Protein Science* **10** (December): 2600-2607.
- . 2003. "The specificity of cross-reactivity: Promiscuous antibody binding involves specific hydrogen bonds rather than nonspecific hydrophobic stickiness." *Protein Science* **12** (October): 2183-2193.
- James, Nathan R., Alan Brown, Yuliya Gordiyenko, & V. Ramakrishnan.** 2016. "Translational termination without a stop codon." *Science* **354** (16 December): 1437-1440.
- James, Noel P., & Philip W. Choquette,** eds. 1988. *Paleokarst*. New York: Springer.
- James, P., & E. Peebles.** 2011. "How galaxies got their black holes." *Nature* **469** (20 January): 305-306.
- James, R.W., P. H. Roberts, & D. E. Winch.** 1980. "The Cowling anti-dynamo theorem." *Geophysical and Astrophysical Fluid Dynamics* **15**: 149-160.
- James, Susan Donaldson.** 2014. "Advocates Fight for Justina Pelletier, Teen Held by State in Psych Ward." *ABC News* 10 February posting (online text at abcnews.go.com accessed

5/22/2014).

- James, Timothy Y., Frank Kauff, Conrad L. Schoch, P. Brandon Matheny, Valérie Hofstetter, Cyron J. Cox, Gail Celio, Cécile Gueidan, Emily Fraker, Jolanta Miadlikowska, H. Thorsten Lumbsch, Alexandra Rauhut, Valérie Reeb, A. Elizabeth Arnold, Anja Amtoft, Jason E. Stajich, Kentaro Hosaka, G-Ho Sung, Desiree Johnson, Ben O'Rourke, Michael Crockett, Manfred Binder, Judd M. Curtis, Jason C. Slot, Zheng Wang, Andrew W. Wilson, Arthur Schüßler, Joyce E. Longcore, Kerry O'Donnell, Sharon Mozley-Standridge, David Porter, Peter M. Letcher, Martha J. Powell, John W. Taylor, Merlin M. White, Gareth W. Griffith, David R. Davies, Richard A. Humber, Joseph B. Morton, Junta Sugiyama, Amy Y. Rossman, Jack D. Rogers, Don H. Pfister, David Hewitt, Karen Hansen, Sarah Hambleton, Robert A. Shoemaker, Jan Kohlmeyer, Brigitte Volkmann-Kohlmeyer, Robert A. Spotts, Maryna Serdani, Pedro W. Crous, Karen W. Hughes, Kenji Matsuura, Ewald Langer, Gitta Langer, Wendy A. Untereiner, Robert Lücking, Burkhard Büdel, David M. Geiser, André Aptroot, Paul Diederich, Imke Schmitt, Matthias Schultz, Rebecca Yahr, David S. Hibbett, François Lutzoni, David J. McLaughlin, Joseph W. Spatafora, & Rytas Vilgalys.** 2006. "Reconstructing the early evolution of Fungi using a six-gene phylogeny." *Nature* **443** (19 October): 818-822.
- James, Timothy Y., Peter M. Letcher, Joyce E. Longcore, Sharon E. Mozley-Standridge, David Porter, Martha J. Powell, Gareth W. Griffith, & Rytas Vilgalys.** 2006. "A molecular phylogeny of the flagellated fungi (Chytridiomycota) and description of a new phylum (Blastocladiomycota)." *Mycologia* **98** (November/December): 860-871.
- James, William.** 1896. "The Will to Believe." *The New World* (June) printing of address to the Philosophical Clubs of Yale and Brown University (online text at educ.jmu.edu accessed 5/21/2011).
- , ed. Gardner Murphy and Robert O. Ballou. 1960. *William James on Psychological Research*. New York: Viking Press.
- , ed. Bruce Kuklick. 1987. *William James: Writings 1902-1910*. New York: The Library of America.
- , ed. Gerald E. Myers. 1992. *William James: Writings 1878-1899*. New York: The Library of America.
- Jamieson, Graham,** ed. 2007. *Hypnosis and Conscious States*. Oxford: Oxford University Press.
- Jamieson, Robert.** 1871. "The Second Book of Moses, Called Exodus." *Blue Letter Bible* posting of Robert Jamieson, A. R. Fausset & David Brown *Commentary Critical and Explanatory on the Whole Bible* (online text at www.blueletterbible.org accessed 7/31/2002).
- Jammer, Max.** 1999. *Einstein and Religion: Physics and Theology*. Princeton, NJ: Princeton University Press.
- Jan, Calvin H., Robin C. Friedman, J. Graham Ruby, & David P. Bartel.** 2011. "Formation, regulation and evolution of *Caenorhabditis elegans* 3'UTRs." *Nature* **469** (6 January): 97-101.
- Jan, Eric.** 2015. "Signals across domains of life." *Nature* **519** (5 March): 40-41.
- Jan, Eric, Terri Goss Kinzy, & Peter Sarnow.** 2003. "Divergent tRNA-like element supports initiation, elongation, and termination of protein biosynthesis." *Proceedings of the National Academy of Sciences* **100** (23 December): 15410-15415.
- Janak, Patricia H., & Kay M. Tye.** 2015. "From circuits to behavior in the amygdala." *Nature* **517** (15 January): 284-292.
- Janas, Tadeusz, Teresa Janas, & Michael Yarus.** 2006. "Specific RNA binding to ordered phospholipid bilayers." *Nucleic Acids Research* **34** (May #7): 2128-2136.
- Janas, Tadeusz, & Michael Yarus.** 2003. "Visualization of membrane RNAs." *RNA* **9** (November): 1353-1361.
- Janas, Teresa, Tadeusz Janas, & Michael Yarus.** 2004. "A membrane transporter for tryptophan composed of RNA." *RNA* **10** (October): 1541-1549.
- Janas, Teresa, Jeremy Joseph Widmann, Rob Knight, & Michael Yarus.** 2010. "Simple,

- recurring RNA binding sites for L-arginine.” *RNA* **16** (April): 805-816.
- Janata, Petr, Jeffrey L. Birk, John D. Van Horn, Marc Leman, Barbara Tillmann, & Jamshed J. Bharucha.** 2002. “The Cortical Topography of Tonal Structures Underlying Western Music.” *Science* **298** (13 December): 2167-2170.
- Janda, Richard J., Arturo S. Daag, Perla J. Delos Reyes, Christopher G. Newhall, Thomas C. Pierson, Raymundo S. Punongbayan, Kelvin S. Rodolfo, Renato U. Solidum, & Jesse V. Umbal.** 1996. “Assessment and Response to Lahar Hazard around Mount Pinatubo, 1991 to 1993,” in Newhall & Punongbayan (1996, 61-106).
- Jander, Georg.** 2012. “Timely plant defenses protect against caterpillar herbivory.” *Proceedings of the National Academy of Sciences* **109** (20 March): 4343-4344.
- Jandzik, David, Aaron T. Garnett, Tyler A. Square, Maria V. Cattell, Jr-Kai Yu, & Daniel M. Medeiros.** 2015. “Evolution of the new vertebrate head by cp-option of an ancient chordate skeletal tissue.” *Nature* **518** (26 February): 534-537.
- Janes, D. E., C. Chapus, Y. Gondo, D. F. Clayton, S. Sinha, C. A. Blatti, C. L. Organ, M. K. Fujita, C. N. Balakrishnan, & S. V. Edwards.** 2011. “Reptiles and Mammals Have Differentially Retained Long Conserved Noncoding Sequences from the Amniote Ancestor.” *Genome Biology and Evolution* **3**: 102-113.
- Janes, Daniel E., Christopher L. Organ, Matthew K. Fujita, Andrew M. Shedlock, & Scott V. Edwards.** 2010. “Genome Evolution in Reptilia, the Sister Group of Mammals.” *Annual Review of Genomics and Human Genetics* **11**: 239-264.
- Janga, Sarath Chandra, Julio Collado-Vides, & M. Madan Babu.** 2008. “Transcriptional regulation constrains the organization of genes on eukaryotic chromosomes.” *Proceedings of the National Academy of Sciences* **105** (14 October): 15761-15766.
- Janicke, Tim, Ines K. Häderer, Marc J. Lajeunesse, & Nils Anthes.** 2016. “Darwinian sex roles confirmed across the animal kingdom.” *Science Advances* **2** (12 February): e1500983 (online at sciencemag.org).
- Janik, V. M., L. S. Sayigh, & R. S. Wells.** 2006. “Signature whistle shape conveys identity information to bottlenose dolphins.” *Proceedings of the National Academy of Sciences* **103** (23 May): 8293-8297.
- Janin, Hunt, & Scott A. Mandia.** 2012. *Rising Sea Levels: An Introduction to Cause and Impact*. Jefferson, NC: McFarland & Company.
- Janis, Christine.** 1993. “Victors By Default,” in Gould (1993, 171-172).
- . 1994. “The Sabertooth’s Repeat Performances.” *Natural History* **103** (April): 78-83.
- . 2008. “The Horse Series,” in Regal (2008, 251-280).
- Janis, Christine M., John Damuth, & Jessica M. Theodor.** 2000. “Miocene ungulates and terrestrial primary productivity: Where have all the browsers gone?” *Proceedings of the National Academy of Sciences* **97** (5 July): 7899-7904.
- Janis, Christine M., Kelly Devlin, Daniel E. Warren, & Florian Witzmann.** 2012. “Dermal bone in early tetrapods: a palaeophysiological hypothesis of adaptation for terrestrial acidosis.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 August): 3035-3040.
- Janis, Christine M., & Julia C. Keller.** 2001. “Modes of ventilation in early tetrapods: Costal aspiration as a key feature of amniotes.” *Acta Palaeontologica Polonica* **46** (2): 137-170.
- Janis, Christine M., Kathleen M. Scott, & Louis L. Jacobs,** eds. 1998. *Evolution of Tertiary Mammals of North America Vol. 1: Terrestrial Carnivores, Ungulates, and Ungulatelike Mammals*. Cambridge: Cambridge University Press.
- Janke, Axel, & Ulfur Arnason.** 1997. “The Complete Mitochondrial Genome of *Alligator mississippiensis* and the Separation Between Recent Archosauria (Birds and Crocodiles).” *Molecular Biology and Evolution* **14** (December): 1266-1272.
- Jankowski, Roger.** 2013. *The Evo-Devo Origin of the Nose, Anterior Skull Base and Midface*. New York: Springer.
- Janofsky, Michael.** 1999. “New Mexico Bars Creationism From State Curriculum.” *The New York Times* posting 9 October: online text accessed 2/14/2002 (www.nytimes.com).
- Janosik, Daniel.** 2012. “Can a Christian believe in Evolution?” *Reach Out Columbia* 12 May

- posting (online pdf at www.reachoutcolumbia.com accessed 12/28/2014).
- Janouškovec, Jan, Gregory S. Gavelis, Fabien Burki, Donna Dinh, Tsvetan R. Backvaroff, Sebastian G. Gornik, Kelley J. Bright, Behzad Imanian, Suzanne L. Strom, Charles F. Delwiche, Ross F. Waller, Robert A. Fensome, Brian S. Leander, Forest L. Rohwer, & Juan F. Saldarriaga.** 2017. “Major transitions in dinoflagellate evolution unveiled by phylotranscriptomics.” *Proceedings of the National Academy of Sciences* **114** (10 January): E171-E180.
- Janouškovec, Jan, Aleš Horák, Miroslav Obornik, Julius Lukeš, & Patrick J. Keeling.** 2010. “A common red algal origin of the apicomplexan, dinoflagellate, and heterokont plastids.” *Proceedings of the National Academy of Sciences* **107** (15 June): 10949-10954.
- Janouškovec, Jan, Denis V. Tikhonenkov, Fabien Burki, Alexis T. Howe, Martin Kolisko, Alexander P. Mylnikov, & Patrick J. Keeling.** 2015. “Factors mediating plastid dependency and the origins of parasitism in apicomplexans and their close relatives.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10200-10207.
- Jansen, David A. W. A. M., Michael A. Cant, & Marta B. Manser.** 2012. “Segmental concatenation of individual signatures and context clues in banded mongoose (*Mungos mungo*) close calls.” *BMC Biology* (online @ biomedcentral.com) **10** (3 December): 97.
- Jansen, Lars E. T.** 2012. “Sowing the Seeds of Centromeres.” *Science* **335** (20 January): 299-300.
- Jansen, Robert K., Zhengqiu Cai, Linda A. Raubeson, Henry Daniell, Claude W. dePamphilis, James Leebens-Mack, Kai F. Müller, Mary Guisinger-Bellian, Rosemarie C. Haberle, Anne K. Hansen, Timothy W. Chumley, Seung-Bum Lee, Rhiannon Peery, Joel R. McNeal, Jennifer V. Kuehl, & Jeffrey L. Boore.** 2007. “Analysis of 81 genes from 64 plastid genomes resolves relationships in angiosperms and identifies genome-scale evolutionary patterns.” *Proceedings of the National Academy of Sciences* **104** (4 December): 19369-19374.
- Jansen, Robert K., Christopher Sasaki, Seung-Bum Lee, Anne K. Hansen, & Henry Daniell.** 2011. “Complete Plastid Genome Sequences of Three Rosids (*Castanea*, *Prunus*, *Theobroma*): Evidence for At Least Two Independent Transfers of *rpl22* to the Nucleus.” *Molecular Biology and Evolution* **28** (January): 835-847.
- Janssen, Marco A., Robert Holahan, Allen Lee, & Elinor Ostrom.** 2010. “Lab Experiments for the Study of Social-Ecological Systems.” *Science* **328** (30 April): 613-617.
- Janssen, Michel, & Jürgen Renn.** 2015. “Einstein was no lone genius.” *Nature* **527** (19 November): 298-300.
- Janssen, Ralf, Graham E. Budd, & Wim G. M. Damen.** 2011. “Gene expression suggests conserved mechanisms patterning the heads of insects and myriapods.” *Developmental Biology* **357** (1 September): 64-72.
- Jantzen, McNeal G., Edward W. Large, & Cyrille Magne.** 2016. “Editorial: Overlap of Neural Systems for Processing Language and Music.” *Frontiers in Psychology* (online @ frontiersin.org) **7** (14 June): 876.
- Janvier, Philippe.** 1995. “Conodonts join the club.” *Nature* **374** (27 April): 761-762.
- . 1996. “Fishy fragments tip the scales.” *Nature* **383** (31 October): 757-758.
- . 1999. “Catching the first fish.” *Nature* **402** (4 November): 21-22.
- . 2006. “Modern look for ancient lamprey.” *Nature* **443** (26 October): 921-924.
- . 2010. “microRNAs revive old views about jawless vertebrate divergence and evolution.” *Proceedings of the National Academy of Sciences* **104** (9 November): 19137-19138.
- . 2013a. “Led by the nose.” *Nature* **493** (10 January): 169-170.
- . 2013b. “Inside-out turned upside-down.” *Nature* **502** (24 October): 457-458.
- . 2015. “Facts and fancies about early fossil chordates.” *Nature* **520** (23 April): 483-489.
- Janvier, Philippe, & Gaël Clément.** 2010. “Muddy tetrapod origins.” *Nature* **463** (7 January): 40.
- Jaquiss, Nigel.** 2015. “Sweet Cakes by Melissa Owners Defying Order to Pay \$135,000 to Lesbian Couple Who Wanted a Wedding Cake.” *Willamette Week* (Oregon) posting 29 September: online text accessed 10/5/2015 (www.wweek.com).

- Jaramillo, Carlos, Diana Ochoa, Lineth Contreras, Mark Pagani, Humberto Carvajal-Ortiz, Lisa M. Pratt, Srinath Krishnan, Agustin Cardona, Millerlandy Romero, Luis Quiroz, Guillermo Rodriguez, Milton J. Rueda, Felipe de la Parra, Sara Morón, Walton Green, German Bayona, Camilo Montes, Oscar Quintero, Rafael Ramirez, Germán Mora, Stefan Schouten, Hermann Bermudez, Rosa Navarrete, Francisco Parra, Mauricio Alvarán, Jose Osorno, James L. Crowley, Victor Valencia, & Jeff Vervoort.** 2010. “Effects of Rapid Global Warming at the Paleocene-Eocene Boundary on Neotropical Vegetation.” *Science* **330** (12 November): 957-961.
- Jaramillo, Carlos, Ingrid Romero, Carlos D’Apolito, German Bayona, Edward Duarte, Stephen Louwye, Jaime Escobar, Javier Luque, Jorge D. Carrillo-Briceño, Vladimir Zapata, Alejandro Mora, Stefan Schouten, Michael Zavada, Guy Harrington, John Ortiz, & Frank P. Wesselingh.** 2017. “Miocene flooding events of western Amazonia.” *Science Advances* **3** (3 May): e1601693 (online at sciencemag.org).
- Jarboe, Nicholas A., Robert S. Coe, & Jonathan M. G. Glen.** 2011. “Evidence from lava flows for complex polarity transitions: The new composite Steens Mountain reversal record.” *Geophysical Journal International* (AKA *Geophysics Journal of the Royal Astronomical Society*) **186** (August): 580-602.
- Jarcho, Johanna M., Elliot T. Berkman, & Matthew D. Lieberman.** 2011. “The neural basis of rationalization: cognitive dissonance reduction during decision-making.” *Social Cognitive & Affective Neuroscience* **6** (September): 460-467.
- Jardine, Moira.** 2010. “Sunscreen for the Young Earth.” *Science* **327** (5 March): 1206-1207.
- Jarmuszkiewicz, Wiesława, Karolina Matkovic, & Izabela Koszela-Piotrowska.** 2010. “Potassium channels in the mitochondria of unicellular eukaryotes and plants.” *Federation of European Biochemical Societies FEBS Letters* **584** (17 May): 2057-2062.
- Jarmy, Rachel.** 2012. “Algal Ancestor Shows How Deadly Pathogens Proliferate.” *PLOS BIOLOGUE* 14 December posting (online text at blogs.plos.org accessed 8/14/2014).
- Järnefelt, Elisa, Caitlin F. Canfield, & Deborah Kelemen.** 2015. “The divided mind of a disbeliever: Intuitive beliefs about nature as purposefully created among different groups of non-religious adults.” *Cognition* **140** (July): 72-88.
- Jarosch, Antje, Eckart Stolle, Robin M. Crewe, & Robin F. A. Moritz.** 2011. “Alternative splicing transcription factor drives selfish reproductive behavior in honeybee workers (*Apis mellifera*.)” *Proceedings of the National Academy of Sciences* **108** (13 September): 15282-15287.
- Jaroszewski, Lukasz, Zhanwen Li, S. Sri Krishna, Constantina Bakolitsa, John Wooley, Ashley M. Deacon, Ian A. Wilson, & Adam Godzik.** 2009. “Exploration of Uncharted Regions of the Protein Universe.” *PLoS Biology* (online @ plosbiology.org) **7** (September): e1000205.
- Jarrell, Ken F., Douglas P. Bayley, & Alla S. Kostyukova.** 1996. “The Archaeal Flagellum: a Unique Motility Structure.” *Journal of Bacteriology* **178** (September, No. 17): 5057-5064.
- Jarrell, Travis A., Yi Wang, Adam E. Bloniarz, Christopher A. Brittin, Meng Xu, J. Nichol Thomson, Donna G. Albertson, David H. Hall, & Scott W. Emmons.** 2012. “The Connectome of a Decision-Making Neural Network.” *Science* **337** (27 July): 437-444.
- Jarrett, Joseph T.** 2005. “Biotin Synthase: Enzyme or Reactant?” *Chemistry & Biology* **12** (April): 409-410.
- Jarrett, Robert D., & Harold E. Malde.** 1987. “Paleodischarge of the late Pleistocene Bonneville Flood, Snake River, Idaho, computed from new evidence.” *The Geological Society of America GSA Bulletin* **99** (January): 127-134.
- Jarrold, Christopher, & David A. Routh.** 1998. “Is There Really a Link Between Engineering and Autism?” *Autism* **2** (September): 281-289.
- Jarvela, Alys M. Cheatle, & Veronica Hinman.** 2015. “Evolution of transcription factor function as a mechanism for changing metazoan developmental gene regulatory networks.” *EvoDevo* (online @ evodevojournal.com) **6** (29 January): 3.
- Jarvis, Erich D.** 2004. “Learned Birdsong and the Neurobiology of Human Language.” *Annals of the New York Academy of Sciences* **1016** (June): 749-777.

- . 2005. “Avian brains and a new understanding of vertebrate brain evolution.” *Nature Reviews Neuroscience* **6** (February): 151-159.
- . 2006. “Evolution of brain structures for vocal learning in birds: a synopsis.” *Current Zoology (AKA Acta Zoologica Sinica)* **52** (Supplement): 85-89.
- . 2009. “Bird Brain: Evolution,” in Squire (2009, 209-215).
- Jarvis, Erich D., Siavash Mirarab, Andre J. Aberer, Bo Li, Peter Houde, Cai Li, Simon Y. W. Ho, Brant C. Faircloth, Benoit Nabholz, Jason T. Howard, Alexander Suh, Claudia C. Weber, Rute R. da Fonseca, Jianwen Li, Fang Zhang, Hui Li, Long Zhou, Nitish Narula, Liang Liu, Ganesh Ganapathy, Bastien Boussau, Md. Shamsuzzoha Bayzid, Volodymyr Zavidovych, Sankar Subramanian, Toni Gabaldón, Salvador Capella-Gutiérrez, Jaime Huerta-Cepas, Bhanu Rekepalli, Kasper Munch, Mikkel Schierup, Bent Lindow, Wesley C. Warren, David Ray, Richard E. Green, Michael W. Bruford, Xiangjiang Zhan, Andrew Dixon, Shengbin Li, Ning Li, Yinhua Huang, Elizabeth P. Derryberry, Mads Frost Bertelsen, Frederick H. Sheldon, Robb T. Brumfield, Claudio V. Mello, Peter V. Lovell, Morgan Wirthlin, Maria Paula Cruz Schneider, Francisco Prosdocimi, José Alfredo Samaniego, Amhed Missael Vargas Velazquez, Alonzo Alfaro-Núñez, Paula F. Campos, Bent Petersen, Thomas Sicheritz-Ponten, An Pas, Tom Bailey, Paul Scofield, Michael Bunce, David M. Lambert, Qi Zhou, Polina Perelman, Amy C. Driskell, Beth Shapiro, Zijun Xiong, Yongli Zeng, Shiping Liu, Zhenyu Li, Binghang Liu, Kui Wu, Jin Xiao, Xiong Yinqi, Qiemei Zheng, Yong Zhang, Huanming Yang, Jian Wang, Linnea Smeds, Frank E. Rheindt, Michael Braun, Jon Fjeldsa, Ludovic Orlando, F. Keith Barker, Knud Andreas Jönsson, Warren Johnson, Klaus-Peter Koepfli, Stephen O’Brien, David Haussler, Oliver A. Ryder, Carsten Rahbek, Eske Willerslev, Gary R. Graves, Travis C. Glenn, John McCormack, Dave Burt, Hans Ellegren, Per Alström, Scott V. Edwards, Alexandros Stamatakis, David P. Mindell, Joel Cracraft, Edward L. Braun, Tandy Warnow, Wang Jun, M. Thomas P. Gilbert, & Guojie Zhang.** 2014. “Whole-genome analyses resolve early branches in the tree of life of modern birds.” *Science* **346** (12 December): 1320-1331.
- Jarvis, Erich D., & Fernando Nottebohm.** 1997. “Motor-driven gene expression.” *Proceedings of the National Academy of Sciences* **94** (15 April): 4097-4102.
- Jarvis, Erich D., Sidarta Ribeiro, Maria Luisa da Silva, Dora Ventura, Jacques Vieliard, & Claudio V. Mello.** 2000. “Behaviourally driven gene expression reveals song nuclei in hummingbird brain.” *Nature* **406** (10 August): 628-632.
- Jarvis, Erin, Heather S. Bruce, & Nipam H. Patel.** 2012. “Evolving specialization of the arthropod nervous system.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10634-10639.
- Jarvis, Kester, & Miranda Robertson.** 2011. “The noncoding universe.” *BMC Biology* (online @ biomedcentral.com) **9** (28 July): 52.
- Jarvis, Michaela.** 2016. “AAAS reaches out to theology students.” *Science* **354** (23 December): 1544-1545.
- Jarzewowski, E. A., Derk J. Siveter, D. Palmer, & P. A. Seldon,** eds. 2010. *Fossil Arthropods of Great Britain*. Geological Conservation Review Series No. 35. Peterborough, UK: Joint Nature Conservation Committee.
- Jaschik, Scott.** 2013. “Science or Religion?” *Inside Higher Ed* 17 May posting (online text at www.insidehighered.com accessed 5/25/2013).
- . 2014. “Fired Over a Beer Can?” *Inside Higher Ed* 2 June posting (online text at www.insidehighered.com accessed 6/10/2014).
- Jasinowski, Sandra C., Fernando Abdala, & Vincent Fernandez.** 2015. “Ontogeny of the Early Triassic Cynodont *Thrinaxodon liorhinus* (Therapsida): Cranial Morphology.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **298** (August): 1440-1464.
- Jasny, Barbara R., Katrina L. Kelner, & Elizabeth Pennisi.** 2008. “From Genes to Social Behavior.” *Science* **322** (7 November): 891.
- Jasny, Barbara R., Elizabeth Pennisi, & John Travis.** 2006. “Genomic Tales.” *Science* **313**

- (29 September): 1907.
- Jasper, John D., & Daniel Ansted.** 2008. "Liberal-conservative differences in inclusion-exclusion strategy choice." *Judgment and Decision Making* **3** (June): 417-424.
- Jastrow, Robert.** 1998. "Robert Jastrow: 'A Curiously Theological Result to Come out of Science'." Excerpt of interview by Fred Heeren. *Cosmic Pursuit* **1** (Spring): 47-48.
- Jaubert, Jacques, Sophie Verheyden, Dominique Genty, Michel Soulier, Hai Cheng, Dominique Blamart, Christian Burette, Hubert Camus, Serge Delaby, Damien Deldicque, R. Lawrence Edwards, Catherine Ferrier, François Lacrampe-Cuyaubère, François Lévêque, Frédéric Maksud, Pascal Mora, Xavier Muth, Édouard Régnier, Jean-Noël Rouzaud, & Frédéric Santos.** 2016. "Early Neanderthal constructions deep in Bruniquel Cave in southwestern France." *Nature* **534** (2 June): 111-114.
- Jaumé, Steven C., & Robert J. Lillie.** 1988. "Mechanics of the Salt Range-Potwar Plateau, Pakistan: A fold-and-thrust belt underlain by evaporites." *Tectonics* **7** (February): 57-71.
- Javaux, Emmanuelle J.** 2007. "The Early Eukaryotic Fossil Record," in Jékely (2007a, 1-19).
 ———. 2011. "Microfossils from early Earth." *Nature Geoscience* **4** (October): 663-665.
- Javaux, Emmanuelle J., Andrew H. Knoll, & Malcolm R. Walter.** 2003. "Recognizing and Interpreting the Fossils of Early Eukaryotes." *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **33** (February): 75-94.
 ———. 2004. "TEM evidence for eukaryotic diversity in mid-Proterozoic oceans." *Geobiology* **2** (July): 121-132.
- Jaworski, Alexander, Irene Tom, Raymond K. Tong, Holly K. Gildea, Alexander W. Koch, Lino C. Gonzalez, & Marc Tessier-Lavigne.** 2015. "Operational redundancy in axon guidance through the multifunctional receptor Robo3 and its ligand NELL2." *Science* **350** (20 November): 961-965.
- Jayawardhana, Ray.** 2011. *Strange New Worlds: The Search for Alien Planets and Life Beyond Our Solar System*. Princeton, NJ: Princeton University Press.
- Jaynes, Julian.** 1976. *The Origin of Consciousness in the Breakdown of the Bicameral Mind*. 1982 pb ed. Boston: Houghton Mifflin Company.
- JCSM.** 2003. "Sound Teachers." *Jesus Christ Saves Ministries* undated posting (online text at www.jcsm.org accessed 6/10/2003, not available as of 1/6/2014).
- Jeannot, Katy, Laurent Poirel, Marjorie Robert-Nicoud, Pascal Cholley, Patrice Nordmann, & Patrick Plésiat.** 2012. "IMP-29, a Novel IMP-Type Metallo-β-Lactamase in *Pseudomonas aeruginosa*." *Antimicrobial Agents and Chemotherapy* **56** (April): 2187-2190.
- Jears, C. V.** 1989. "Clay diagenesis in sandstones and shales: An introduction." *Clay Minerals* **24** (June): 127-136.
- Jeanson, Nathaniel T.** 2010a. "New Frontiers in Animal Classification." Institute for Creation Research *Acts & Facts* (May): 6.
 ———. 2010b. "Common Ancestry and the Bible—Discerning Where to Draw the Line." Institute for Creation Research *Acts & Facts* (June): 6.
 ———. 2010c. "The Limit to Biological Change." Institute for Creation Research *Acts & Facts* (July): 6.
 ———. 2010d. "Literature Review: Simplifying the Research Process." Institute for Creation Research *Acts & Facts* (November): 6.
 ———. 2010e. "Literature Review: Molecular Data and the Tree of Life." Institute for Creation Research *Acts & Facts* (December): 6.
 ———. 2011. "Looking for Molecular Discontinuity: The Use of Sequence Alignments." Institute for Creation Research *Acts & Facts* (January): 6.
 ———. 2013a. "Does Natural Selection Exist? A Critique of Randy Guliuzza's Claims." *Answers in Genesis Research Journal* **66**: 285-292.
 ———. 2013b. "Recent, Functionally Diverse Origin for Mitochondrial Genes from ~2700 Metazoan Species." *Answers in Genesis Research Journal* **6**: 467-501.
 ———. 2014a. "New Genetic-Clock Research Challenges Millions of Years." Institute for Creation Research *Acts & Facts* (April): 5-8.

- . 2014b. “BioOrigins Project Update: New Findings Presented at Creation Research Society Conference.” Institute for Creation Research *Acts & Facts* (August): 12.
- . 2015a. “Mitochondrial DNA Clocks Imply Linear Speciation Rates Within ‘Kinds’.” *Answers in Genesis Research Journal* **8**: 273-304.
- . 2015b. “A Young-Earth Creation Human Mitochondrial DNA ‘Clock’: Whole Mitochondrial Genome Mutation Rate Confirms D-Loop Results.” *Answers in Genesis Research Journal* **8**: 375-378.
- . 2016. “On the Origin of Human Mitochondrial DNA Differences, New Generation Time Data Both Suggest a Unified Young-Earth Creation Model and Challenge the Evolutionary Out-of-Africa Model.” *Answers in Genesis Research Journal* **9**: 123-130.
- Jeanson, Nathaniel T., & Jason Lisle.** 2016. “On the Origin of Eukaryotic Species’ Genotype and Phenotypic Diversity: Genetic Clocks, Population Growth Curves, and Comparative Nuclear Genome Analyses Suggest Created Heterozygosity in Combination with Natural Processes as a Major Mechanism.” *Answers in Genesis Research Journal* **9**: 81-122.
- Jee, Justin, Andrew Sundstrom, Steven E. Massey, & Bud Mishra.** 2013. “What can information-asymmetric games tell us about the content of Crick’s ‘frozen accident’?” *Journal of the Royal Society Interface* **10** (November): 20130614.
- Jeffares, Daniel C., & Anthony M. Poole.** 2000. “Were Bacteria the First Forms of Life on Earth?” *ActionBioscience* December posting (online text at actionbioscience.org accessed 1/11/2006).
- Jeffares, Daniel C., Anthony M. Poole, & David Penny.** 1998. “Relics from the RNA World.” *Journal of Molecular Evolution* **46** (January): 18-36.
- Jefferson, G. T., & L. Lindsey,** eds. 2001. *Fossil Treasures of the Anza-Borrego Desert: the Last Seven Million Years*. San Diego, CA: Sunbelt Publications.
- Jefferson, Thomas.** 1823. 11 April Letter to John Adams. *American History From Revolution to Reconstruction and beyond* posting (online text at www.rug.nl accessed 1/2/2016).
- Jeffery, Duane E.** 1973. “Seers, Savants and Evolution: The Uncomfortable Interface.” *Dialogue: A Journal of Mormon Thought* **8** (Autumn-Winter): 41-75.
- . 2002. “Thoughts on Mormonism, Evolution, and Bridham Young University.” Interview by Keith E. Norman. *Dialogue: A Journal of Mormon Thought* **35** (Winter): 1-18.
- . 2004. “Noah’s Flood: Modern Scholarship and Mormon Traditions.” *Sunstone* (October): 27-39, 42-45.
- Jeffery, Glen, & Adrian Williams.** 1994. “Is abnormal retinal development in albinism only a mammalian problem? Normality of a hypopigmented avian retina.” *Experimental Brain Research* **100** (July): 47-57.
- Jeffery, Jonathan E., Olaf R. P. Bininda-Emonds, Michael I. Coates, & Michael K. Richardson.** 2002. “Analyzing evolutionary patterns in amniote embryonic development.” *Evolution & Development* **4** (July-August): 292-302.
- Jeffery, Jonathan E., Michael K. Richardson, Michael I. Coates, & Olaf R. P. Bininda-Emonds.** 2002. “Analyzing Developmental Sequences Within a Phylogenetic Framework.” *Systematic Biology* **51** (May): 478-491.
- Jeffery, Kodi R., & Linda E. Roach.** 1994. “A Study of the Presence of Evolutionary Protoconcepts in Pre-High School Textbooks.” *Journal of Research in Science Teaching* **31** (May): 507-518.
- Jeffery, William R.,** ed. 2009. *Current Topics in Developmental Biology: Evolution and Development*. Vol. 86. New York: Elsevier.
- Jefferys, William H.** 1987. “‘Sun, Stand Thou Still’: An Astronomical Critique of a Creationist Biblical Chronology.” *Creation/Evolution* **7** (Summer): 18-29.
- . 2005. “Review: The Privileged Planet.” *Reports of the National Center for Science Education* **25** (January-April): 47-49.
- Jeffress, Robert.** 2004. *Hell? Yes! ... and Other OUTRAGEOUS Truths You Can STILL Believe*. Colorado Springs, CO: WaterBrook Press.
- Jeffrey, Grant R.** 2003. *Creation: Remarkable Evidence of God’s Design*. Colorado Springs,

- CO: WaterBrook Press.
- . 2012. *One Nation Under Attack*. Colorado Springs, CO: WaterBrook Press.
- Jeffrey, Terence P.** 2009. “How DNA Proves God Made All Creatures Great and Small.” Cybercast (formerly Conservative) New Service *CNSnews* 9 July posting (online text at *cnsnews.com* accessed 12/3/2012).
- Jegalian, Karin, & Bruce T. Lahn.** 2001. “Why the Y Is So Weird.” *Scientific American* **284** (February): 56-61.
- Jeha, Shafik,** trans. Sally Kaye. 2004. *Darwin and the Crisis of 1882 in the Medical Department*. Beirut, Lebanon: University of Beirut Press.
- Jehovahs-Witness.* 2005. “Genetics and neuroanatomy of religious belief.” 2 October forum posting (online text at *www.jehovahs-witness.net* accessed 8/15/2011).
- Jékely, Gáspár,** ed. 2007a. *Eukaryotic Membranes and Cytoskeleton: Origins and Evolution*. Austin, TX: Landes Bioscience.
- . 2007b. “Origin of Eukaryotic Endomembranes: A Critical Evaluation of Different Model Scenarios,” in Jékely (2007a, 38-51).
- . 2009. “Evolution of phototaxis.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2795-2808.
- . 2013. “Global view of the evolution and diversity of metazoan neuropeptide signaling.” *Proceedings of the National Academy of Sciences* **110** (21 May): 8702-8707.
- . 2014. “Origin and Evolution of the Self-Organizing Cytoskeleton in the Network of Eukaryotic Organelles.” *Cold Spring Harbor Perspectives in Biology* **6** (September): a0016030.
- Jelbert, Sarah A., Alex H. Taylor, Lucy G. Cheke, Nicola S. Clayton, & Russell D. Gray.** 2014. “Using the Aesop’s Fable Paradigm to Investigate Causal Understanding of Water Displacement by New Caledonian Crows.” *PLoS ONE* (online @ *plosone.org*) **9** (March): e92895.
- Jelesko, John G., Ryan Harper, Masaki Furuya, & Wilhelm Gruissem.** 1999. “Rare germinal unequal crossing-over leading to recombinant gene formation and gene duplication in *Arabidopsis*.” *Proceedings of the National Academy of Sciences* **96** (31 August): 10302-10307.
- Jelsbak, Lars, Michael Givskov, & Dale Kaiser.** 2005. “Enhancer-binding proteins with a forkhead-associated domain and the σ^{54} regulon in *Myxococcus xanthus* fruiting body development.” *Proceedings of the National Academy of Sciences* **102** (22 February): 3010-3015.
- Jeltsch, Albert.** 2010. “Phylogeny of Methylomes.” *Science* **328** (14 May): 837-838.
- Jemas, Bill.** 2008. “Genesis Rejuvenated: An Interview with Bill Jemas.” The Rutherford Institute *Oldspeak* 21 January John Whitehead interview posting (online text at *www.rutherford.org* accessed 1/9/2014).
- Jencks, William P.** 1992. “Evolution in fast-forward.” *Nature* **358** (13 August): 543-544.
- Jendrzewski, Jaroslaw, Huiling He, Hanna S. Radomska, Wei Li, Jerneja Tomsic, Sandya Liyanarachchi, Ramana V. Davuluri, Rebecca Nagy, & Albert de la Chapelle.** 2012. “The polymorphism rs944289 predisposes to papillary thyroid carcinoma through a large intergenic noncoding RNA gene of tumor suppressor type.” *Proceedings of the National Academy of Sciences* **109** (29 May): 8646-8651.
- Jeng, Monwhea.** 2006. “Error in statistical tests of error in statistical tests.” *BMC Medical Research Methodology* (online @ *biomedcentral.com*) **6** (13 September): 45.
- Jenkins, Cheryl, Vishram Kedar, & John A. Fuerst.** 2002. “Gene discovery within the planctomycete division of the domain Bacteria using sequence tags from genomic DNA libraries.” *Genome Biology* (online @ *genomebiology.com*) **3** (30 May): R31.
- Jenkins, Cheryl, Ram Samudrala, Iain Anderson, Brian P. Hedlund, Giulio Petroni, Natasha Michailova, Nicolas Pinel, Ross Overbeek, Giovanna Rosati, & James T. Staley.** 2002. “Genes for the cytoskeletal protein tubulin in the bacterial genus *Prostheco bacter*.” *Proceedings of the National Academy of Sciences* **99** (24 December): 17049-17054.
- Jenkins, Dennis L., Loren G. Davis, Thomas W. Stafford Jr., Paula F. Campos, Bryan**

- Hockett, George T. Jones, Linda Scott Cummings, Chad Yost, Thomas J. Connolly, Robert M. Yohe II, Summer C. Gibbons, Maanasa Raghavan, Morten Rasmussen, Johanna L. A. Paijmans, Michael Hofreiter, Brian M. Kemp, Jodi Lynn Barta, Cara Monroe, M. Thomas P. Gilbert, & Eske Willerslev.** 2012. "Clovis Age Western Stemmed Projectile Points and Human Coprolites at the Paisley Caves." *Science* **337** (13 July): 223-228.
- Jenkins, Farish A. Jr., Stephen M. Gatesy, Neil H. Shubin, & William W. Amaral.** 1997. "Haramiyids and Triassic mammalian evolution." *Nature* **385** (20 February): 715-718.
- Jenkins, F. A. Jr., & F. R. Parrington.** 1976. "The postcranial skeletons of the Triassic mammals *Eozostrodon*, *Megazostrodon* and *Erythrotherium*." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **273** (26 February): 387-431.
- Jenkins, Farish A. Jr., & Denis M. Walsh.** 1993. "An Early Jurassic caecilian with limbs." *Nature* **365** (16 September): 246-250.
- Jenkins, Gregory J., Mark A. S. McMenamin, Christopher P. McKay, & Linda Sohl,** eds. 2004. *The Extreme Proterozoic: Geology, Geochemistry, and Climate*. Geophysical Monograph Series 146. Washington, DC: American Geophysical Union.
- Jenkins, Jere H., & Ephraim Fischbach.** 2009. "Perturbation of Nuclear Decay Rates During the Solar Flare of 13 December 2006." *Astroparticle Physics* **31** (July): 407-411.
- Jenkins, Jere H., Ephraim Fischbach, John B. Buncher, John T. Gruenwald, Dennis E. Krause, & Joshua J. Mattes.** 2009. "Evidence of correlations between nuclear decay rates and Earth-Sun distances." *Astroparticle Physics* **31** (February): 42-46.
- Jenkins, Kristin P.** 2006. "Macroevolution: Change above the species level." *National Evolutionary Synthesis Center National Association of Biology Teachers 2006 Evolution Symposium* posting (online pdf at www.nescent.org accessed 2/24/2013).
- . 2008. "Through a Glass Darkly: Dava Sobel's *Galileo's Daughter: A Historical Memoir of Science, Faith and Love*." *Evolution: Education & Outreach* **1** (July): 338-339.
- Jenkins, Kristin P., & Michael F. Antolin.** 2011. "Evolution and Medicine." *Evolution: Education & Outreach* **4** (December): 556-558.
- Jenkins, Paul M., Namsoo Kim, Steven L. Jones, Wei Chou Tseng, Tatyana M. Svitkina, Henry H. Yin, & Vann Bennett.** 2015. "Giant ankyrin-G: A critical innovation in vertebrate evolution of fast and integrated neuronal signaling." *Proceedings of the National Academy of Sciences* **112** (27 January): 957-964.
- Jenkins, Paul S.** 2011. "Unfounded moral absolutes." *Notes from an Evil Burnee* 19 August posting (online text at www.evilburnee.co.uk accessed 8/15/2013).
- . 2012. "A creationist talk in Portsmouth." *Notes from an Evil Burnee* 7 August posting (online text at www.evilburnee.co.uk accessed 8/15/2013).
- Jenkins, R. J. F., & C. Nedin.** 2007. "The provenance and palaeobiology of a new multi-vened, chambered frondose organism from the Ediacaran (later Neoproterozoic) of South Australia." *Geological Society, London, Special Publications* **286**: 195-222.
- Jenkins, Stephen H.** 2015. *Tools for Critical Thinking in Biology*. Oxford: Oxford University Press.
- Jenner, Ronald A.** 2003. "Unleashing the Force of Cladistics? Metazoan Phylogenetics and Hypothesis Testing." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 207-218.
- . 2006. "Challenging received wisdoms: Some contributions of the new microscopy to the new animal phylogeny." *Integrative and Comparative Biology* (AKA *American Zoologist*) **46** (April): 93-103.
- Jenner, Ronald A., & D. Timothy J. Littlewood.** 2008. "Problematica old and new." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 April): 1503-1512.
- Jenney, J. P., & S. J. Reynolds,** eds. 1989. *Geologic Evolution of Arizona*. Digest 17. Tucson, AZ: Arizona Geological Society.
- Jennings, Joshua H., Dennis R. Sparta, Alice M. Stamatakis, Randall L. Ung, Kristen E. Pleil, Thomas L. Kash, & Garret D. Stuber.** 2013. "Distinct extended amygdala circuits

- for divergent motivational states.” *Nature* **496** (11 April): 224-228.
- Jennings, Marianne M.** 2000. “Pluralism Lost by Court’s View of First Amendment.” *Accuracy in Media* 3 July posting (online text at www.aim.org accessed 11/26/13).
- Jensen, Bjarke, Gert van den Berg, Rick van den Doel, Roelof-Jan Oostra, Tobias Wang, & Antoon F. M. Moorman.** 2013. “Development of the Hearts of Lizards and Snakes and Perspectives to Cardiac Evolution.” *PLoS ONE* (online @ plosone.org) **8** (June): e63651.
- Jensen, Bjarke, Tobias Wang, Vincent M. Christoffels, & Antoon F. M. Moorman.** 2013. “Evolution and development of the building plan of the vertebrate heart.” *Biochimica et Biophysica Acta* (Molecular Cell Research) **1833** (April): 783-794.
- Jensen, H. T.** 1904. “The geology of the Glass House Mountains and district.” *Proceedings of the Linnean Society of New South Wales* **28**: 842-875.
- Jensen, Karin B., Ted J. Kaptchuk, Irving Kirsch, Jacqueline Raiceck, Kara M. Lindstrom, Chantal Berna, Randy L. Gollub, Martin Ingvar, & Jian Kong.** 2012. “Nonconscious activation of placebo and nocebo pain responses.” *Proceedings of the National Academy of Sciences* **109** (25 September): 15959-15964.
- Jensen, Keith, Josep Call, & Michael Tomasello.** 2013. “Chimpanzee responders still behave like rational maximizers.” *Proceedings of the National Academy of Sciences* **110** (14 May): E1837.
- Jensen, Murray S., & Fred N. Finley.** 1996. “Changes in Students’ Understanding of Evolution Resulting from Different Curricular and Instructional Strategies.” *Journal of Research in Science Teaching* **33** (October): 879-900.
- Jensen, P. A., & E. Wulff-Pedersen.** 1996. “Glacial or non-glacial origin for the Bigganjargga tillite, Finnmark, Northern Norway.” *Geological Magazine* **133** (March): 137-145.
- Jensen, Roy A.** 1976. “Enzyme recruitment in evolution of new function.” *Annual Review of Microbiology* **30**: 409-425.
- Jensen, Ryan B., Aura Carreira, & Stephen C. Kowalczyowski.** 2010. “Purified human BRCA2 stimulates RAD51-mediated recombination.” *Nature* **467** (7 October): 678-683.
- Jensen, Sören.** 2003. “The Proterozoic and Earliest Cambrian Trace Fossil Record; Patterns, Problems and Perspectives.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (February): 219-228.
- Jensen, Sören, Luis A. Buatois, & Gabriela Mángano.** 2013. “Chapter 5 Testing for palaeogeographical patterns in the distribution of Cambrian trace fossils.” *Geological Society of London Memoirs* **38**: 45-58.
- Jensen, Sören, Mary L. Droser, & James G. Gehling.** 2005. “Trace fossil preservation and the early evolution of animals.” *Palaeogeography, Palaeoclimatology, Palaeoecology* **230** (2 May): 19-29.
- Jensen, Sören, James G. Gehling, & Mary L. Droser.** 1998. “Ediacara-type fossils in Cambrian sediments.” *Nature* **393** (11 June): 567-569.
- Jensen, S., T. Palacios, & M. Marti Mus.** 2007. “A brief review of the fossil record of the Ediacaran-Cambrian transition in the area of Montes de Toledo-Guadalupe, Spain.” *Geological Society, London, Special Publications* **286**: 223-235.
- Jensen, S., & B. N. Runnegar.** 2005. “A complex trace fossil from the Spitskop Member (Terminal Ediacaran--? Lower Cambrian) of southern Namibia.” *Geological Magazine* **142** (September): 561-569.
- Jensen, Sören, Beverly Z. Saylor, James G. Gehling, & Gerard J. B. Germs.** 2000. “Complex trace fossils from the terminal Proterozoic of Namibia.” *Geology* **28** (February): 143-146.
- Jensen-Seaman, M. T., A. S. Deinard, & K. K. Kidd.** 2001. “Modern African Ape Populations as Genetic and Demographic Models of the Last Common Ancestor of Humans, Chimpanzees, and Gorillas.” *Journal of Heredity* **92** (June): 475-480.
- Jentsch, J. David, D. Eugene Redmond Jr., John D. Elsworth, Jane R. Taylor, Kenneth D. Youngren, & Robert H. Roth.** 1997. “Enduring Cognitive Deficits and Cortical Dopamine Dysfunction in Monkeys After Long-Term Administration of Phencyclidine.” *Science* **277** (15 August): 953-955.
- Jeon, ChoonJu, & Kan Agarwal.** 1996. “Fidelity of RNA polymerase II transcription controlled

- by elongation factor TFIIIS.” *Proceedings of the National Academy of Sciences* **93** (26 November): 13677-13682.
- Jeon, Kwang W.** 1983. “Integration of Bacterial Endosymbionts in Amoebae.” *International Review of Cytology* **14**: 29-47.
- . 1995. “Bacterial endosymbiosis in amoebae.” *Trends in Cell Biology* **5** (March): 137-140.
- . 2006. “Prokaryotic Symbionts of Amoebae and Flagellates,” in Dworkin et al. (2006, 1028-1037).
- Jeon, K. W., & M. S. Jeon.** 1976. “Endosymbiosis in amoebae: Recently established endosymbionts have become required cytoplasmic components.” *Journal of Cellular Physiology* **89** (October): 337-344.
- Jeon, Taeck J., & Kwang W. Jeon.** 2004. “Gene switching in *Amoeba proteus* caused by endosymbiotic bacteria.” *Journal of Cell Science* **117** (1 February): 535-543.
- Jeon, Yongmoon, Daehyung Kim, Juana V. Martin-López, Ryanggeun Lee, Jungsic Oh, Jeungphill Hanne, Richard Fishel, & Jong-Bong Lee.** 2016. “Dynamic control of strand excision during human DNA mismatch repair.” *Proceedings of the National Academy of Sciences* **113** (22 March): 3281-3286.
- Jeong, H., B. Tombor, R. Albert, Z. N. Oltval, & A.-L. Barabási.** 2000. “The large-scale organization of metabolic networks.” *Nature* **407** (5 October): 651-654.
- Jeppsen, Catherine.** 2012. “Dear Mitt, Young Mormon Families Need Medicaid Too.” *Religion Dispatches* 24 September (online text at religiondispatches.org accessed 9/29/2012).
- Jeram, Andrew J.** 1998. “Phylogeny, classification and evolution of Silurian and Devonian scorpions,” in Seldon (1998, 17-31).
- Jeremiah, David.** 1982. “Is War Ever in the Will of God?” *Fundamentalist Journal* **1** (November): 18-23.
- . 2008. *What in the World Is Going On? 10 Prophetic Clues You Cannot Afford to Ignore*. Nashville, TN: Thomas Nelson.
- . 2014. *Agents of the Apocalypse: A Riveting Look at the Key Players of the End Times*. Carol Stream, IL: Tyndale House Publishers.
- Jerison, Harry J.** 2001. “Adaptation and Preadaptation in Hominid Evolution,” in Tobias *et al.* (2001, 373-378).
- Jerlström, Pierre, & Bev Elliott.** 1999. “Letting rotting sharks lie: Further evidence that the Zuiyo-maru carcass was a basking shark, not a plesiosaur.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **13** (2): 83-87.
- Jermann, Thomas M., Jochen G. Opitz, Joseph Stackhouse, & Steven A. Benner.** 1995. “Reconstructing the evolutionary history of the artiodactyl ribonuclease superfamily.” *Nature* **374** (2 March): 57-59.
- Jermiin, Lars S., Leon Poladian, & Michael A. Charleston.** 2005. “Is the ‘Big Bang’ in Animal Evolution Real?” *Science* **310** (23 December): 1910-1911.
- Jern, Alan, Kai-min Chang, & Charles Kemp.** 2009. “Bayesian Belief Polarization.” *Advances in Neural Information Processing Systems* **22** (NIPS 2009) presentation (online pdf at www.psy.cmu.edu accessed 4/26/2015).
- Jernvall, Jukka.** 2000. “Linking development with generation of novelty in mammalian teeth.” *Proceedings of the National Academy of Sciences* **97** (14 March): 2641-2645.
- Jernvall, Jukka, Soile V. E. Keränen, & Irma Thesleff.** 2000. “Evolutionary modification of development in mammalian teeth: Quantifying gene expression patterns and topography.” *Proceedings of the National Academy of Sciences* **97** (19 December): 14444-14448.
- Jerram, Douglas A., & Mike Widdowson.** 2005. “The anatomy of Continental Flood Basalt Provinces: geological constraints on the processes and products of flood volcanism.” *Lithos* **79** (February): 385-405.
- Jerryson, Michael.** 2013. “Navy Yard Shooting: Why It’s Not a Religion Story.” *Religion Dispatches* 23 September (online text at religiondispatches.org accessed 10/29/2013).
- Jersild, Paul.** 2001. “Response to the accusation that Planned Parenthood is a racist organization.” *Planned Parenthood* undated posting (online pdf at www.ppsev.org accessed

- 2/25/2014).
- Jeso, Valer, & Glenn C. Micalizio.** 2013. “Relay catalysis at a boron centre.” *Nature* **494** (14 February): 179-181.
- Jess, David B., Mihalis Mathioudakis, Robert Erdélyi, Philip J. Crockett, Francis P. Keenen, & Damian J. Christian.** 2009. “Alfvén Waves in the Lower Solar Atmosphere.” *Science* **323** (20 March): 1582-1585.
- Jessberger, Elmar K., & Bogna Dominik.** 1979. “Gerontology of the Allende meteorite.” *Nature* **277** (15 February): 554-556.
- Jessberger, Elmar K., Bogna Dominik, Thomas Staudacher, & Gregory F. Herzog.** 1980. “⁴⁰Ar/³⁹Ar ages of Allende.” *Icarus* **42** (June): 380-405.
- Jester, Brian C., Jeffrey D. Levengood, Hervé Roy, Michael Ibba, & Kevin M. Devine.** 2003. “Nonorthologous replacement of lysyl-tRNA synthetase prevents addition of lysine analogues to the genetic code.” *Proceedings of the National Academy of Sciences* **100** (25 November): 14351-14356.
- Jestin, J. L., & A. Kempf.** 2009. “Optimization Models and the Structure of the Genetic Code.” *Journal of Molecular Evolution* **69** (November): 452-457.
- Jesus Is Savior.* 2003. “Zondervan and Satan Share Parents.” *Jesus is Savior* 14 November posting (online text at www.jesus-is-savior.com accessed 4/20/2006).
- . 2006a. “NIV – Homosexual on Translation Committee!” *Jesus is Savior* undated posting (online text at www.jesus-is-savior.com accessed 4/20/2006).
- . 2006b. “Why isn’t the word ‘sodomite’ in the NIV?” *Jesus is Savior* undated posting (online text at www.jesus-is-savior.com accessed 4/20/2006).
- Jeurissen, Danique, Alexander T. Sack, Alard Roebroek, Brian E. Russ, & Alvaro Pascual-Leone.** 2014. “TMS affects moral judgment, showing the role of DLPFC and TPJ in cognitive and emotional processing.” *Frontiers in Neuroscience* (online @ frontiersin.org) **8** (13 February): 18.
- The Jewish Theological Seminary.* 2005. “Evolution vs. Intelligent Design Survey Results.” *JTS Louis Finkelstein Institute for Religious and Social Studies* poll (online text at www.jtsa.edu accessed 3/13/2007).
- Jewitt, David, Scott S. Sheppard, & Jan Kleyna.** 2006. “The Strangest Satellites in the Solar System.” *Scientific American* **295** (August): 40-47.
- Jews On First.* 2005. “Professor Paul Mirecki at Vortex of Kansas Storm Over Teaching ‘Intelligent Design’.” *Jews On First!* December posting (online text at www.jewsonfirst.org accessed 4/8/2014).
- Jez, Joseph M., Michael B. Austin, Jean-Luc Ferrer, Marianne E. Bowman, Joachim Schröder, & Joseph P. Noel.** 2000. “Structural control of polyketide formation in plant-specific polyketide synthases.” *Chemistry & Biology* **7** (December): 919-930.
- Jezzini, Ahmad, Fausto Caruana, Ivilin Stoianov, Vittorio Gallese, & Giacomo Rizzolatti.** 2012. “Functional organization of the insula and inner perisylvian regions.” *Proceedings of the National Academy of Sciences* **109** (19 June): 10077-10082.
- Jha, Sujata, Madeline G. Rollins, Gabriele Fuchs, Dean J. Procter, Elizabeth A. Hall, Kira Cozzolino, Peter Sarnow, Jeffrey N. Savas, & Derek Walsh.** 2017. “Trans-kingdom mimicry underlies ribosome customization by a poxvirus kinase.” *Nature* **546** (29 June): 651-655.
- Jheeta, Sohan.** 2015. “The Routes of Emergence of Life from LUCA during the RNA and Viral World: A Conspectus.” *Life* (online @ www.mdpi.com) **5** (June): 1445-1453.
- Jheeta, Sohan, & Prakash C. Joshi.** 2014. “Prebiotic RNA Synthesis by Montorillonite Catalysis.” *Life* (online @ www.mdpi.com) **4** (September): 318-330.
- Ji, Alexander P., Anna Frebel, Anirudh Chiti, & Joshua D. Simon.** 2016. “R-process enrichment from a single event in an ancient dwarf galaxy.” *Nature* **531** (31 March): 610-613.
- Ji, Peng, Maki Murata-Hori, & Harvey F. Lodish.** 2011. “Formation of mammalian erythrocytes: Chromatin condensation and enucleation.” *Trends in Cell Biology* **21** (July): 409-415.

- Ji, Qiang, Philip J. Currie, Mark A. Norell, & Shu-An Ji.** 1998. “Two feathered dinosaurs from northeastern China.” *Nature* **393** (25 June): 753-761.
- Ji, Qiang, & Shu-An Ji,** trans. Will Downs September 2001. 1996. “On the Discovery of the earliest fossil bird in China (*Sinosauropteryx* gen. nov.) and the origin of birds.” *Chinese Geology* **233**: 30-33.
- Ji, Qiang, Shu-An Ji, Yen-Nien Cheng, Hai-Lu You, Jun-Chang Lü, Yong-Qing Liu, & Chong-Xi Yuan.** 2004. “Pterosaur egg with a leathery shell.” *Nature* **432** (2 December): 572.
- Ji, Qiang, Zhe-Xi Luo, & Shu-an Ji.** 1999. “A Chinese triconodont mammal and mosaic evolution of the mammalian skeleton.” *Nature* **398** (25 March): 326-330.
- Ji, Qiang, Zhe-Xi Luo, Chong-Xi Yuan, & Alan R. Tabrum.** 2006. “A Swimming Mammaliaform from the Middle Jurassic and Ecomorphological Diversification of Early Mammals.” *Science* **311** (24 February): 1123-1127.
- Ji, Qiang, Zhe-Xi Luo, Chong-Xi Yuan, John R. Wible, Jian-Ping Zhang, & Justin A. Georgi.** 2002. “The earliest known eutherian mammal.” *Nature* **416** (25 April): 816-822.
- Ji, Qiang, Zhe-Xi Luo, Xingliao Zhang, Chong-Xi Yuan, & Li Xu.** 2009. “Evolutionary Development of the Middle Ear in Mesozoic Therian Mammals.” *Science* **326** (9 October): 278-281.
- Ji, Qiang, Mark A. Norell, Ke-Qin Gao, Shu-An Ji, & Dong Ren.** 2001. “The distribution of integumentary structures in a feathered dinosaur.” *Nature* **410** (26 April): 1084-1088.
- Ji, Qiang, Xiaochun Wu, Yennien Cheng, Fangfang Ten, Xuri Wang, & Yannan Ji.** 2016. “Fish Hunting Ankylosaurs (Dinosauria, Ornithischia) from the Cretaceous of China.” *Journal of Geology (China)* **40** (June): 183-190.
- Ji, S.-A., Q. Ji, & K. Padian.** 1999. “Biostratigraphy of new pterosaurs from China.” *Nature* **398** (15 April): 573-574.
- Ji, Xiangdong.** 2017. “Dark matter remains elusive.” *Nature* **542** (9 February): 172-173.
- Ji, Xin, Kaoru Azumi, Makoto Sasaki, & Masaru Nonaka.** 1997. “Ancient origin of the complement lectin pathway revealed by molecular cloning of mannan binding protein-associated serine protease from a urochordate, the Japanese ascidian, *Halocynthia roretzi*.” *Proceedings of the National Academy of Sciences* **94** (10 June): 6340-6345.
- Ji, Xiong, Daniel B. Dadon, Brian J. Abraham, Tong Ihn Lee, Rudolf Jaenisch, James E. Bradner, & Richard A. Young.** 2015. “Chromatin proteomic profiling reveals novel proteins associated with histone-marked genomic regions.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3841-3846.
- Jiang, H., D. A. Joy, T. Furuya, & X.-z. Su.** 2006. “Current understanding of the molecular basis of chloroquine-resistance in *Plasmodium falciparum*.” *Journal of Postgraduate Medicine* **52** (October-December): 271-276.
- Jiang, Hongying, Na Li, Vivek Gopalan, Martine M. Zilversmit, Sudhir Varma, Vijayaraj Nagarajan, Jian Li, Jianbing Mu, Karen Hayton, Bruce Henschen, Ming Yi, Robert Stephens, Gilean McVean, Philip Awadalla, Thomas E. Wellems, & Xin-zhuan Su.** 2011. “High recombination rates and hotspots in a *Plasmodium falciparum* genetic cross.” *Genome Biology* (online @ genomebiology.com) **12** (4 April): R33.
- Jiang, Hongying, Jigar J. Patel, Ming Yi, Jianbing Mu, Jinhui Ding, Robert Stephens, Roland A. Cooper, Michael T. Ferdig, & Xin-zhuan Su.** 2008. “Genome-Wide Compensatory Changes Accompany Drug-Selected Mutations in the *Plasmodium falciparum crt* Gene.” *PLoS ONE* (online @ plosone.org) **3** (June): e2484.
- Jiang, Jiansen, Henry Chan, Darian D. Cash, Edward J. Miracco, Rachel R. Ogorzalek Loo, Heather E. Upton, Duilio Cascio, Reid O’Brien Johnson, Kathleen Collins, Joseph A. Lou, Z. Hong Zhou, & Juli Feigon.** 2015. “Structure of *Tetrahymena* telomerase reveals previously unknown subunits, functions, and interactions.” *Science* **350** (30 October): aab4070.
- Jiang, Jiansen, Edward J. Miracco, Kyungah Hong, Barbara Eckert, Henry Chan, Darian D. Cash, Bosun Min, Z. Hong Zhou, Kathleen Collins, & Juli Feigon.** 2013. “The architecture of *Tetrahymena* telomerase holoenzyme.” *Nature* **496** (11 April): 187-192.

- Jiang, Jing, Chuansheng Chen, Bohan Dai, Guang Shi, Guosheng Ding, Li Liu, & Chunming Lu.** 2015. "Leader emergence through interpersonal neural synchronization." *Proceedings of the National Academy of Sciences* **112** (7 April): 4274-4279.
- Jiang, Ning, Zhirong Bao, Xiaoyu Zhang, Sean R. Eddy, & Susan R. Wessler.** 2004. "Pack-MULE transposable elements mediate gene evolution in plants." *Nature* **431** (30 September): 569-573.
- Jiang, Peihua, & Gary K. Beauchamp.** 2014. "Sensing nectar's sweetness." *Science* **345** (22 August): 878-879.
- Jiang, Peihua, Jesusa Josue, Xia Li, Dieter Glaser, Weihua Li, Joseph G. Brand, Robert F. Margolskee, Danielle R. Reed, & Gary K. Beauchamp.** 2012a. "Major taste loss in carnivorous mammals." *Proceedings of the National Academy of Sciences* **109** (27 March): 4956-4961.
- . 2012b. "Reply to Zhao and Zhang: Loss of taste receptor function in mammals is directly related to feeding specializations." *Proceedings of the National Academy of Sciences* **109** (5 June): E1465.
- Jiang, Shengjuan, Shicui Zhang, Verapong Vuthiphandchai, & Subuntith Nimrat.** 2007. "Human TRP14 gene homologue from amphioxus *Branchiostoma belcheri*: identification, evolution, expression and functional characterization." *Journal of Anatomy* **210** (May): 555-564.
- Jiang, Shimin, Akihiro Narita, David Popp, Umesh Ghoshdastider, Lin Jie Lee, Ramanujam Srinivasan, Mohan K. Balasubramanian, Toshiro Oda, Fujiet Koh, Mårten Larsson, & Robert C. Robinson.** 2016. "Novel actin filaments from *Bacillus thuringiensis* form nanotubules for plasmic DNA segregation." *Proceedings of the National Academy of Sciences* **113** (1 March): E1200-E1205.
- Jiang, Su, Jihong Cole-Dai, Yuansheng Li, Dave G. Ferris, Hongmei Ma, Chunlei An, Guitao Shi, & Bo Sun.** 2012. "A detailed 2840 year record of explosive volcanism in a shallow ice core from Dome A, East Antarctica." *Journal of Glaciology* **58** (207): 65-75.
- Jiang, Ting-Xin, Han-Sung Jung, Randall B. Widelitz, & Cheng-Ming Chuong.** 1999. "Self-organization of periodic patterns by dissociated feather mesenchymal cells and the regulation of size, number and spacing of primordia." *Development (AKA Journal of Embryology and Experimental Morphology)* **126** (15 November): 4997-5009.
- Jiang, Yi, Patricia Costello, Fang Fang, Miner Huang, & Sheng He.** 2006. "A gender- and sexual orientation-dependent spatial attentional effect of invisible images." *Proceedings of the National Academy of Sciences* **103** (7 November): 17048-17052.
- Jiang, Yong, & Russell F. Doolittle.** 2003. "The evolution of vertebrate blood coagulation as viewed from a comparison of puffer fish and sea squirt genomes." *Proceedings of the National Academy of Sciences* **100** (24 June): 7527-7532.
- Jiang, Yuexin, Louisa Torrance, Catherine L. Peichel, & Daniel I. Bolnick.** 2015. "Differences in rheotactic responses contribute to divergent habitat use between parapatric lake and stream threespine stickleback." *Evolution* **69** (September): 2517-2524.
- Jiang, Ze Yu, Lee R. Swem, Brenda G. Rushing, Savitha Devanathan, Gordon Tollin, & Carl E. Bauer.** 1999. "Bacterial Photoreceptor with Similarity to Photoactive Yellow Protein and Plant Phytochromes." *Science* **285** (16 July): 406-409.
- Jiang, Zhaoshi, Haixu Tang, Mario Ventura, Maria Francesca Cardone, Tomas Marques-Bonet, Xinwei She, Pavel A. Pevzner, & Evan E. Eichler.** 2007. "Ancestral reconstruction of segmental duplications reveals punctuated cores of human genome evolution." *Nature Genetics* **39** (November): 1361-1368.
- Jiang, Zhibo, Motohide Tamura, Misato Fukagawa, Jim Hough, Phil Lucas, Hiroshi Suto, Miki Ishii, & Ji Yang.** 2005. "A circumstellar disk associated with a massive protostellar object." *Nature* **437** (1 September): 112-115.
- Jiao, Yan, Xinmin Li, Wesley G. Beamer, Jian Yan, Yiai Tong, Daniel Goldowitz, Bruce Roe, & Weikuan Gu.** 2005. "A deletion causing spontaneous fracture identified from a candidate region of mouse Chromosome 14." *Mammalian Genome* **16** (January): 20-31.
- Jiao, Yan, Jifei Zhang, Jian Yan, John Stuart, Griffin Gibson, Lu Lu, Robert Williams,**

- Yong Jun Wang, & Weikuan Gu.** 2011. “Differential gene expression between wild-type and *Gulo*-deficient mice supplied with vitamin C.” *Genetics and Molecular Biology* (AKA *Brazilian Journal of Genetics*, online @ scielo.br) **34** (July-September): 386-395.
- Jiao, Yuannian, Norman J. Wickett, Saravanaraj Ayyampalayam, André S. Chanderbali, Lena Landherr, Paula E. Ralph, Lynn P. Tomsho, Yi Hu, Halying Liang, Pamela S. Soltis, Douglas E. Soltis, Sandra W. Clifton, Scott E. Schlarbaum, Stephan C. Schuster, Hong Ma, Jim Leebens-Mack, & Claude W. dePamphilis.** 2011. “Ancestral polyploidy in seed plants and angiosperms.” *Nature* **473** (5 May): 97-100.
- Jiggins, Chris D.** 2008. “Ecological Speciation in Mimetic Butterflies.” *BioScience* **58** (June): 541-548.
- . 2014. “Radiating genomes.” *Nature* **513** (18 September): 318-319.
- Jiggins, Chris D., Igor Emelianov, & James Mallet.** 2005. “Assortive Mating and Speciation as Pleiotropic Effects of Ecological Adaptation: Examples in Moths and Butterflies,” in Fellowes *et al.* (2005, 451-473).
- Jiggins, Francis M.** 2016. “Open questions: how does *Wolbachia* do what it does?” *BMC Biology* (online @ biomedcentral.com) **14** (19 October): 92.
- Jiggins, Francis M., & Gregory D. D. Hurst.** 2011. “Rapid Insect Evolution by Symbiont Transfer.” *Science* **332** (8 April): 185-186.
- Jihad Watch.* 2010. “Hamis-linked CAIR complains about instructor for class on Islam, Oregon college drops class.” “Marisol” posting 4 December (online text at jihadwatch.org accessed 12/9/2010).
- Jiménez, Alba, Andreea Munteanu, & James Sharpe.** 2015. “Dynamics of gene circuits shapes evolvability.” *Proceedings of the National Academy of Sciences* **112** (17 February): 2103-2108.
- Jiménez, José I., Ramon Xulvi-Brunet, Gregory W. Campbell, Rebecca Turk-MacLeod, & Irene A. Chen.** 2013. “Comprehensive experimental fitness landscape and evolutionary network for small RNA.” *Proceedings of the National Academy of Sciences* **110** (10 September): 14984-14989.
- Jiménez-Delgado, Senda, Miguel Crespo, Jon Permanyer, Jordi Garcia-Fernàndez, & Miguel Manzanares.** 2006. “Evolutionary genomics of the recently duplicated amphioxus Hairy genes.” *International Journal of Biological Sciences* **2** (2): 66-72.
- Jiménez-Delgado, Senda, Juan Pascual-Anaya, & Jordi Garcia-Fernàndez.** 2009. “Implications of duplicated cis-regulatory elements in the evolution of metazoans: the DDI model or how simplicity begets novelty.” *Briefings in Functional Genomics and Proteomics* **8** (July): 266-275.
- Jiménez-Guri, Eva, Beth Okamura, & Peter W. H. Holland.** 2007. “Origin and evolution of a myxozoan worm.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **47** (November): 752-758.
- Jiménez-Guri, Eva, Hervé Philippe, Beth Okamura, & Peter W. H. Holland.** 2007. “*Buddenbrockia* Is a Cnidarian Worm.” *Science* **317** (6 July): 116-118.
- Jimura, Koji, Hannah S. Locke, & Todd S. Braver.** 2010. “Prefrontal cortex mediation of cognitive enhancement in rewarding motivational contexts.” *Proceedings of the National Academy of Sciences* **107** (11 May): 8871-8876.
- Jin, Kyong-sun, & Renée Baillargeon.** 2017. “Infants possess an abstract expectation of ingroup support.” *Proceedings of the National Academy of Sciences* **114** (1 August): 8199-8204.
- Jin, Qiaoling, & Sheng-Yang He.** 2001. “Role of the Hrp Pilus in Type III Protein Secretion in *Pseudomonas syringae*.” *Science* **294** (21 December): 2556-2558.
- Jin, Wei, Dong-Dong Wu, Xin Zhang, David M. Irwin, & Ya-Ping Zhang.** 2012. “Positive Selection on the Gene *RNASEL*: Correlation between Patterns of Evolution and Function.” *Molecular Biology and Evolution* **29** (October): 3161-3168.
- Jin, Xin, & Rui M. Costa.** 2010. “Start/stop signals emerge in nigrostriatal circuits during sequence learning.” *Nature* **466** (22 July): 457-462.
- Jin, Y. G., Y. Wang, W. Wang, Q. H. Shang, C. Q. Cao, & D. H. Erwin.** 2000. “Pattern of

- Marine Mass Extinction Near the Permian-Triassic Boundary in South China.” *Science* **289** (21 July): 432-436.
- Jin, Zi-Bing, Jinyu Wu, Xiu-Feng Huang, Chun-Yun Feng, Xue-Bi Cai, Jian-Yang Mao, Lue Xiang, Kun-Chao Wu, Xueshan Xiao, Bethany A. Kloss, Zhongshan Li, Zhenwei Li, Shenghai Huang, Meixiao Shen, Fei-Fei Cheng, Xue-Wen Cheng, Zhi-Li Zheng, Xuejiao Chen, Wenjuan Zhuang, Qingjiong Zhang, Terri L. Young, Ting Xie, Fan Lu, & Jia Qu.** 2017. “Trio-based exome sequencing arrests de novo mutations in early-onset high myopia.” *Proceedings of the National Academy of Sciences* **114** (18 April): 4219-4224.
- Jindal, Bobby.** 2013. “One on One with Governor Bobby Jindal (VIDEO).” *NBC News* posting 12 April (online text at nbcnews.com accessed 5/5/2013).
- Jindal, Vishal, Sorab Gupta, & Ritwik Das.** 2013. “Molecular mechanisms of meditation.” *Molecular Neurobiology* **48** (December): 808-811.
- Jinks, Robert N., Tara L. Markley, Elizabeth E. Taylor, Gina Perovich, Ana I. Dittel, Charles E. Epifanio, & Thomas W. Cronin.** 2002. “Adaptive visual metamorphosis in a deep-sea hydrothermal vent crab.” *Nature* **420** (7 November): 68-70.
- Jirschitzka, Jan, Gregor W. Schmidt, Michael Reichelt, Bernd Schneider, Jonathan Gershenzon, & John Charles D’Auria.** 2012. “Plant tropazone alkaloid biosynthesis evolved independently in the Solanaceae and Erythroxylaceae.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10304-10309.
- Joachim, Klaus Peter, Xiaohong Wang, Torsten W. Vennemann, Bärbel Sinha, & Werner E. G. Müller.** 2012. “Siliceous deep-sea sponge *Monorhaphis chuni*: A potential paleoclimate archive in ancient animals.” *Chemical Geology* **300-301** (18 March): 143-151.
- Jockusch, Elizabeth L., Candice Nulsen, Stuart J. Newfeld, & Lisa M. Nagy.** 2000. “Leg development in flies versus grasshoppers: differences in *dpp* expression do not lead to differences in the expression of downstream components of the leg patterning pathway.” *Development* (AKA *Journal of Embryology and Experimental Morphology*) **127** (15 April): 1617-1626.
- Jockusch, E. L., & K. A. Ober.** 2004. “Hypothesis Testing in Evolutionary Development Biology: A Case Study from Insect Wings.” *Journal of Heredity* **95** (May): 382-396.
- Joe, Thomas K., & Sandeep Chamling Rai.** 2005. “An Overview of Glaciers, Glacier Retreat, and Subsequent Impacts in Nepal, India and China.” *World Wildlife Federation* “WWF Nepal Program” posting (online pdf at www.wwf.org accessed 7/3/2012).
- Joel, Daphna, Zohar Berman, Ido Tavor, Nadav Wexler, Olga Gaber, Yaniv Stein, Nisan Shefi, Jared Pool, Sebastian Urchs, Daniel S. Margulies, Franziskus Liem, Jürgen Hänggi, Lutz Jäncke, & Yaniv Assaf.** 2015. “Sex beyond the genitalia: The human brain mosaic.” *Proceedings of the National Academy of Sciences* **112** (15 December): 15468-15473.
- Joel, Daphna, Jürgen Hänggi, & Jared Pool.** 2016. “Reply to Glezerman: Why differences between brains of females and brains of males do not ‘add up’ to create two types of brains.” *Proceedings of the National Academy of Sciences* **113** (5 April): E1972.
- Joel, Daphna, Ariel Persico, Jürgen Hänggi, Jared Pool, & Zohar Berman.** 2016. “Reply to Del Giudice et al., Ckeroud et al., and Rosenblatt: Do brains of females and males belong to two distinct populations?” *Proceedings of the National Academy of Sciences* **113** (5 April): E1969-E1970.
- Joel, Daphna, & Riccardo Tarrasch.** 2014. “On the mis-presentation and misinterpretation of gender-related data: The case of Ingahalikar’s human connectome study.” *Proceedings of the National Academy of Sciences* **111** (11 February): E637.
- Joel, Lucas.** 2016. “How Earth’s oldest animals were fossilized.” *Science* posting 19 October (online text at sciencemag.org accessed 11/16/2016).
- Joel, Lucas V., Mary L. Droser, & James G. Gehling.** 2014. “A New Enigmatic, Tabular Organism from the Ediacara Member, Rawnsley Quartzite, South Australia.” *Journal of Paleontology* **88** (March): 253-262.

- Joel, Yale.** 1974. "Uri Through the Lens Cap." *Popular Photography* (June): 75, 77, 135.
- Joe. My. God.** 2010. "The American Family Association Radio Host: It's Time To Imprison All Gays." *Joe. My. God.* 31 January posting by **Joe** (online text at joemygod.blogspot.com accessed 7/27/2011).
- Joerger, Andreas C., Sebastian Mayer, & Alan R. Fersht.** 2003. "Mimicking natural evolution *in vitro*: An *N*-acetylneuraminidase mutant with an increased dihydrodipicolinate synthase activity." *Proceedings of the National Academy of Sciences* **100** (13 May): 5694-5699.
- Joerger, Andreas C., Sridharan Rajagopalan, Eviatar Natan, Dmitry B. Veprintsev, Carol V. Robinson, & Alan R. Fersht.** 2009. "Structural evolution of p53, p63, and p73: Implication for heterotetramer formation." *Proceedings of the National Academy of Sciences* **106** (20 October): 17705-17710.
- Joesch, Maximilian, Bettina Schnell, Shamprasad Varija Raghunath, Dierk F. Reiff, & Alexander Borst.** 2010. "ON and OFF pathways in *Drosophila* motion vision." *Nature* **468** (11 November): 300-304.
- Jog, Maithili, & Milind Watve.** 2005. "Role of parasites and commensals in shaping host behaviour." *Current Science* **89** (10 October): 1184-1191.
- Jogler, Christian, Jost Waldman, Xiaolu Huang, Mareike Jogler, Frank Oliver Glöckner, Thorsten Mascher, & Robert Kolter.** 2012. "Identification of Proteins Likely To Be Involved in Morphogenesis, Cell Division, and Signal Transduction in *Planctomycetes* by Comparative Genomics." *Journal of Bacteriology* **194** (December, No. 23): 6419-6430.
- Jogler, Christian, Gerhard Wanner, Sebastian Kolinko, Martina Niebler, Rudolf Amann, Nikolai Petersen, Michael Kube, Richard Reinhardt, & Dirk Schüler.** 2011. "Conservation of proteobacterial magnetosome genes and structures in an uncultivated member of the deep-branching *Nitrospira* phylum." *Proceedings of the National Academy of Sciences* **108** (18 January): 1134-1139.
- Joh, Nathan H., Tuo Wang, Manasi P. Bhate, Rudresh Acharya, Yibing Wu, Michael Grabe, Mei Hong, Gevorg Grigoryan, & William F. DeGrado.** 2014. "De novo design of a transmembrane Zn²⁺-transporting four-helix bundle." *Science* **346** (19 December): 1520-1524.
- Johanning, Karla, Claudina Alemán Stevenson, Oluwatosin O. Oyeyiran, Yair M. Gozal, Astrid M. Roy-Engel, Jerzy Jurka, & Prescott L. Deininger.** 2003. "Potential for Retroposition by Old Alu Subfamilies." *Journal of Molecular Evolution* **56** (June): 658-664.
- Johannesen, Jes, Yael Lubin, Deborah R. Smith, Trine Bilde, & Jutta M. Schneider.** 2007. "The age and evolution of sociality in *Stegodyphus* spiders: a molecular phylogenetic perspective." *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 January): 231-237.
- Johansen, Anders, Mordecai-Mark Mac Low, Pedro Lacerda, & Martin Bizzarro.** 2015. "Growth of Asteroids, Planetary Embryos and Kuiper Belt Objects to Chondrule Accretion." *Science Advances* **1** (1 April): e1500109 (online at sciencemag.org).
- Johansen, Joshua P.** 2013. "Anxiety is the sum of its parts." *Nature* **496** (11 April): 174-175.
- Johansen, Joshua P., Lorenzo Diaz-Mataix, Hiroki Hamanaka, Takaaki Ozawa, Edgar Ycu, Jenny Koivumaa, Ashwani Kumar, Mian Hou, Karl Deisseroth, Edward S. Boyden, & Joseph E. LeDoux.** 2014. "Hebbian and neuromodulatory mechanisms interact to trigger associative memory formation." *Proceedings of the National Academy of Sciences* **111** (23 December): E5584-E5592.
- Johansen, Mark.** 2007. "Is evolution pseudoscience?" *Answers in Genesis Creation* **29** (September): 25-27.
- Johanson, Donald C.** 1993. "A Skull to Chew On." *Natural History* **102** (May): 52-53.
 ———. 1996. "Face-to-Face with Lucy's Family." *National Geographic* **189** (March): 96-117.
- Johanson, Donald C., & Maitland A. Edey.** 1981. *Lucy: The Beginnings of Humankind*. New York: Simon & Schuster.
- Johanson, Donald, & Blake Edgar.** 1996. *From Lucy to Language*. New York: Simon &

- Schuster Editions (Peter N. Névraumont).
- Johanson, D. C., & T. D. White.** 1979. "A Systematic Assessment of Early African Hominids." *Science* **203** (26 January): 321-330.
- Johansson, Åke.** 2014. "From Rodinia to Gondwana with the 'SAMBA' model—A distant view from Baltica towards Amazonia and beyond." *Precambrian Research* **244** (May): 226-235.
- Johansson, Magnus, Jingji Zhang, & Måns Ehrenberg.** 2012. "Genetic code translation displays a linear trade-off between efficiency and accuracy of tRNA selection." *Proceedings of the National Academy of Sciences* **109** (3 January): 131-136.
- Johansson, Malin E. V., & Gunnar C. Hansson.** 2011. "Keeping Bacteria at a Distance." *Science* **334** (14 October): 182-183.
- Johansson, Petter, Lars Hall, & Peter Gärdenfors.** 2011. "Choice of blindness and the non-unitary nature of the human mind." *Behavioral and Brain Sciences* **34** (1): 28-29.
- John, Liza B., Simon Yoong, & Alister C. Ward.** 2009. "Evolution of the Ikaros Gene Family: Implications for the Origins of Adaptive Immunity." *The Journal of Immunology* **182** (15 April): 4792-4799.
- John, Rosalind M., & M. Azim Surani.** 2000. "Genomic Imprinting, Mammalian Evolution, and the Mystery of Egg-Laying Mammals." *Cell* **101** (9 June): 585-588.
- John Day Fossil Beds.** 2014a. "Clarno Assemblage." *John Day Fossil Beds National Monument* 23 June updated posting (online text at www.nps.gov accessed 6/25/2014).
- . 2014b. "Mascall Assemblage." *John Day Fossil Beds National Monument* 23 June updated posting (online text at www.nps.gov accessed 6/25/2014).
- . 2014c. "Rattlesnake Assemblage." *John Day Fossil Beds National Monument* 25 June updated posting (online text at www.nps.gov accessed 6/25/2014).
- Johns, Philip M., Kenneth J. Howard, Nancy L. Breisch, Anahi Rivera, & Barbara L. Thorne.** 2009. "Nonrelatives inherit colony resources in a primitive termite." *Proceedings of the National Academy of Sciences* **106** (13 October): 17452-17456.
- Johns, Warren L.** 2014. "Stubborn Stasis." *Genesis File* excerpt from "Three Days Before the Sun" posting (online text at genesisfile.com accessed 11/4/2014).
- Johnsen, Sönke.** 2017. "Open Questions: We don't really know anything, do we? Open questions in sensory biology." *BMC Biology* (online @ biomedcentral.com) **15** (17 May): 43.
- Johnson, Aaron, & Mike O'Donnell.** 2005. "CELLULAR DNA REPLICASES: Components and Dynamics at the Replication Fork." *Annual Review of Biochemistry* **74**: 283-315.
- Johnson, Adam P., H. James Cleaves, Jason P. Dworkin, Daniel P. Glavin, Antonio Lazcano, & Jeffrey L. Bada.** 2008. "The Miller Volcano Spark Discharge Experiment." *Science* **322** (17 October): 404.
- Johnson, Alan.** 2013. "Does mock-up at statehouse mock Holocaust memorial?" *The Columbus Dispatch* (Ohio) posting 17 July: online text accessed 7/25/2013 (www.dispatch.com).
- Johnson, Alex.** 2005a. "To the church, he's public enemy No. 1: Researcher of religion's link to social ills comes under withering attack." *MSNBC* posting 15 December (online text at www.msnbc.msn.com accessed 6/10/2011).
- . 2005b. "Experts say religion study is sound, but ... Statisticians, approving paper, raise questions of methodology, data." *MSNBC* posting 15 December (online text at www.msnbc.msn.com accessed 6/10/2011).
- Johnson, Alice.** 1893. "On the Development of the Pelvic Girdle and Skeleton of the Hind Limb in the Chick." *Quarterly Journal of Microscopical Science* (AKA *Journal of Cell Science*) **23**: 399-411.
- Johnson, Andrew L., & Nancy C. Lovell.** 1995. "Dental Morphological Evidence for Biological Continuity Between the A-Group and C-Group Periods in Lower Nubia." *International Journal of Osteoarchaeology* **5**: 368-376.
- Johnson, B. C., & H. J. Melosh.** 2012. "Impact spherules as a record of an ancient heavy bombardment of Earth." *Nature* **485** (3 May): 78-81.
- Johnson, Bill.** 2013. "German imperialism and the African Holocaust." *Creation Ministries International* posting 28 November (online text at creation.com accessed 7/19/2015).

- Johnson, Brad.** 2011a. “Norway Terrorist Is A Global Warming Denier.” *Green* 25 July posting (online text at *thinkprogress.org* accessed 8/18/2011).
- . 2011b. “Rick Perry: ‘Substantial Number’ Of Climate Scientists Have ‘Manipulated Data’ For Money.” *Green* 17 August posting (online text at *thinkprogress.org* accessed 8/18/2011).
- Johnson, Brian R., Marek L. Borowiec, Joanna C. Chiu, Ernest K. Lee, Joel Atallah, & Philip S. Ward.** 2013. “Phylogenomics Resolves Evolutionary Relationships among Ants, Bees, and Wasps.” *Current Biology* **23** (21 October): 2058-2062.
- Johnson, Brian R., & Neil D. Tsutsui.** 2011. “Taxonomically restricted genes are associated with the evolution of sociality in the honey bee.” *BMC Genomics* (online @ biomedcentral.com) **12** (29 March): 164.
- Johnson, Byron, Douglas Allen, Peter Arcidiacono, John Bartowski, David Eggebeen, Michael Emerson, Ana Cecilia Fieler, Alan Hawkins, William Jeynes, Loren Marks, Margarita Mooney, Stephen Robinson, Christian Smith, Rodney Stark, James Stoner, Pter Uhlenberg, W. Bradford Wilcox, & Bradley Wright.** 2012. “A Social Scientific Response to the Regnerus Controversy.” Baylor University *Baylor Institute for Studies of Religion* 20 June posting (online text at *www.baylorisr.org* accessed 7/30/2012).
- Johnson, Carolyn Y.** 2010. “Author on leave after Harvard inquiry.” *The Boston Globe* posting 10 August: online text accessed 9/2/2010 (*www.boston.com*).
- Johnson, Charles.** 2012. “Libertarian Kook Wayne Allyn Root Floats Another Wingnut Conspiracy Theory.” *Little Green Footballs* 7 August posting (online text at *littlegreenfootballs.com* accessed 4/15/2013).
- . 2015. “Catholic League’s Bill Donohue Sympathizes With Paris Terrorists.” *Little Green Footballs* 7 January posting (online text at *littlegreenfootballs.com* accessed 1/7/2015).
- Johnson, Christopher J. E.** 2011a. “Evolution: A New-Age Religion.” *Creation Liberty Evangelism* 4 April posting (online text at *www.creationliberty.com* accessed 1/19/2014).
- . 2011b. “Is Laminin a Christian Symbol.” *Creation Liberty Evangelism* 19 August posting (online pdf at *www.creationliberty.com* accessed 6/4/2015).
- . 2011c. “Creationist Answer to La Brea Tar Pits.” *Creation Liberty Evangelism* September posting (online pdf at *www.creationliberty.com* accessed 8/2/2014).
- . 2012. “Are There Dinosaur Carvings in Bernifal?” *Creation Liberty Evangelism* 2 March posting (online text at *www.creationliberty.com* accessed 10/20/2014).
- . 2013a. “Are the Ica Stones fake or real?” *Creation Liberty Evangelism* 16 December updated posting (online text at *www.creationliberty.com* accessed 1/19/2014).
- . 2013b. “What is a Biblical Kind?” *Creation Liberty Evangelism* 17 December updated posting (online text at *www.creationliberty.com* accessed 1/19/2014).
- Johnson, Christopher N.** 2005. “The Remaking of Australia’s Ecology.” *Science* **309** (8 July): 255-256.
- . 2009a. “Ecological consequences of Late Quaternary extinctions of megafauna.” *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (22 July): 2509-2519.
- . 2009b. “Megafaunal Decline and Fall.” *Science* **326** (20 November): 1072-1073.
- Johnson, Clark M., Scott M. McLennan, Harry Y. McSween, & Roger E. Summons.** 2013. “Smaller, better, more: Five decades of advances in geochemistry.” *The Geological Society of America Special Papers* **500**: 1-44.
- Johnson, Cory, Tiffanie Moss, Christopher Cullis.** 2011. “Environmentally Induced Heritable Changes in Flax.” *Journal of Visualized Experiments* **47** (26 January): 2332.
- Johnson, David B. F., & Lei Wang.** 2010. “Imprints of the genetic code in the ribosome.” *Proceedings of the National Academy of Sciences* **107** (4 May): 8298-8303.
- Johnson, Dominic D. P.** 2009. “God would be a costly accident: Supernatural beliefs as positive.” *Behavioral and Brain Sciences* **32** (6): 523-524.
- . 2016. “Hand of the gods in human civilization.” *Nature* **530** (18 February): 285-287.
- Johnson, Dominic D. P., & James H. Fowler.** 2011. “The evolution of overconfidence.” *Nature* **477** (15 September): 317-320.

- Johnson, Donald.** 2013. “Biocybernetics and Biosemiosis,” in Marks *et al.* (2013a, 402-413).
- Johnson, E. W., D. E.G. Briggs, R. J. Suthren, J. L. Wright, & S. P. Tunnicliff.** 1994. “Non-marine arthropod traces from the subaerial Ordovician Borrowdale Volcanic Group, English Lake District.” *Geological Magazine* **131** (May): 395-406.
- Johnson, Eric Michael.** 2009. “Darwin’s Connection to Nazi Eugenics Exposed.” *The Primate Diaries* posting 14 July (online text at scienceblogs.com/primatediaries accessed 2/23/2012).
- . 2010. “Intelligent Design Creationists Abuse Science and Victims of the Holocaust.” *Huffington Post* posting 6 July (online text at huffingtonpost.com accessed 7/18/2010).
- Johnson, G. David, & Ralf Britz.** 2010. “Occipito-vertebral fusion in actinopterygians: conjecture, myth and reality. Part 2: Teleosts,” in J. Nelson *et al.* (2010, 95-110).
- Johnson, G. David, Hitoshi Ida, Jiro Sakaue, Tetsuya Sado, Takashi Asahida, & Masaki Miya.** 2012. “A ‘living fossil’ eel (Anguilliformes: Protanguillidae, fam. Nov.) from an undersea cave in Palau.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 March): 934-943.
- Johnson, G. David, John R. Paxton, Tracey T. Sutton, Takashi P. Satoh, Tetsuya Sado, Mutsumi Nishida, & Masaki Miya.** 2009. “Deep-sea mystery solved: astonishing larval transformations and extreme sexual dimorphism unite three families.” *Royal Society Biology Letters* **5** (23 April): 235-239.
- Johnson, George.** 1999. “It’s a Fact: Faith and Theory Collide Over Evolution.” *New York Times Sunday Week in Review* (15 August) posting at *Access Research Network* (online text at www.arn.org accessed 6/18/2001).
- . 2014. “Seeking Stars, Finding Creationism.” *The New York Times* posting 20 October: online text accessed 10/20/2014 (www.nytimes.com).
- Johnson, George, & Don Tanner.** 1976. *The Bible and the Bermuda Triangle*. Plainfield, NJ: Logos International.
- Johnson, H. E., & W. I. Axford.** 1969. “Production and Loss of He³ in the Earth’s Atmosphere.” *Journal of Geophysical Research* **74** (1 May): 2433-2438.
- Johnson, H. Paul, Dennis V. Kent, Maurice A. Tivey, Jeffrey S. Gee, Roger L. Largon, & Robert W. Embley.** 1997. “Conference on the Magnetization of the Oceanic Crust Steers Future Research.” *Eos Transactions American Geophysical Union* **78** (19): 199-200, 202.
- Johnson, Jake.** 2017. “Interfaith event sparks misunderstanding, goes viral.” *Portland State University Vanguard* posting 1 May (online text at psuvanguard.com accessed 5/14/2017).
- Johnson, James J. S.** 2010a. “The Intelligent Designer Movement.” *Institute for Creation Research Acts & Facts* (February): 19.
- . 2010b. “Fighting Over Furniture and Faith.” *Institute for Creation Research Acts & Facts* (December): 8-9.
- . 2011a. “Buyer Beware! Don’t Swallow Evolutionist Sophistry.” *Institute for Creation Research Acts & Facts* (January): 8-9.
- . 2011b. “Slow Death for a Tarantula: A Lesson in Arachnid Apologetics.” *Institute for Creation Research Acts & Facts* (October): 10-11.
- . 2012a. “Staying on Track Despite Deceptive Distractions.” *Institute for Creation Research Acts & Facts* (May): 9-11.
- . 2012b. “Tonsils, Forensic Science, and the Recent Fabrication Rule.” *Institute for Creation Research Acts & Facts* (June): 8-9.
- . 2013. “Is Biblical Creation a Distraction to Evangelism?” *Institute for Creation Research Acts & Facts* (August): 18-19.
- . 2014. “Is the Present the ‘Key’ to Our Past?” *Institute for Creation Research Acts & Facts* (June): 19.
- Johnson, James Wallace Godschall.** 2001. “Where Fossils Form.” *OOPARTS* undated posting (online text at www.s8int.com accessed 10/18/2014).
- Johnson, Jena E., Samuel M. Webb, Katherine Thomas, Shuhei Ono, Joseph L. Kirschvink, & Woodward W. Fischer.** 2013a. “Manganese-oxidizing photosynthesis before the rise of cyanobacteria.” *Proceedings of the National Academy of Sciences* **110** (9 July): 11238-

- 11243.
- . 2013b. “Reply to Jones and Crowe: Correcting mistaken views of sedimentary geology, Mn-oxidation rates, and molecular clocks.” *Proceedings of the National Academy of Sciences* **110** (29 October): E4119-E4120.
- Johnson, Jerald B., Marta Adair, Byron J. Adams, Daniel J. Fairbanks, Velma Itamura, Duane E. Jeffrey, Duane Merrell, Scott M. Ritter, & Richard R. Tolman.** 2009. “Evolution Education in Utah: A State Office of Education-University Partnership Focuses on Why Evolution Matters.” *Evolution: Education & Outreach* **2** (September): 349-358.
- Johnson, Jessica.** 2014. “‘Muscular Christianity’ Not to Blame for Driscoll: A Response.” *Religion Dispatches* 28 August posting (online text at religiondispatches.org accessed 8/29/2014).
- Johnson, Jessica P.** 2011. “Q@A: Debate Over Climate Panel Bias.” *The Scientist* posting 18 July (online text at the-scientist.com accessed 7/20/2011).
- Johnson, K. C.** 2010. “A Hard Case—Are FIRE and NAS Wrong about Jennifer Keeton?” *Minding the Campus* posting 3 December (online text at mindingthecampus.com accessed 12/8/2010).
- Johnson, Kathryn A., B. Hunter Ball, Gene A. Brewer, & Adam B. Cohen.** 2011. “Motivational and neural systems of religion.” *Religion, Brain & Behavior* **1** (October): 227-231.
- Johnson, Kyle D., Hengyi Rao, Nancy Wintering, Namisha Dhillon, Siyuan Hu, Senhua Zhu, Marc Korczyowski, Katrina Johnson, & Andrew B. Newberg.** 2014. “Pilot study of the effect of religious symbols on brain function: Association with measures of religiosity.” *Spirituality in Clinical Practice* **1** (June): 82-98.
- Johnson, L. J.** 2010. “Pseudogene rescue: an adaptive mechanism of codon reassignment.” *Journal of Evolutionary Biology* **23** (August): 1623-1630.
- Johnson, Lanny.** 1995. “Lanny Johnson’s Testimony.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **12** (September/October): 1.
- Johnson, Marc T. J., Stacey D. Smith, & Mark D. Rausher.** 2009. “Plant sex and the evolution of plant defenses against herbivores.” *Proceedings of the National Academy of Sciences* **106** (27 October): 18079-18084.
- Johnson, Matt.** 2010. “Observing the Multiverse.” *Preposterous Universe* 22 December guest posting by Sean Carroll (online text at www.preposterousuniverse.com accessed 7/24/2014).
- Johnson, Matthew D., Erica Lasek-Nesselquist, Holly V. Moeller, Andreas Altenburger, Nina Lundholm, Miran Kim, Kirstine Drumm, Øjvind Moestrup, & Per Juel Hansen.** 2017. “*Mesodinium rubrum*: The symbiosis that wasn’t.” *Proceedings of the National Academy of Sciences* **114** (14 February): E1040-E1042.
- Johnson, Matthew E., NISC Comparative Sequencing Program, Ze Cheng, V. Anne Morrison, Steven Scherer, Mario Ventura, Richard A. Gibbs, Eric D. Green, & Evan E. Eichler.** 2006. “Recurrent duplication-driven transposition of DNA during hominoid evolution.” *Proceedings of the National Academy of Sciences* **103** (21 November): 17626-17631.
- Johnson, Matthew E., Luigi Viggiano, Jeffrey A. Bailey, Munah Abdul-Rauf, Graham Goodwin, Mariano Rocchi, & Evan E. Eichler.** 2001. “Positive selection of a gene family during the emergence of humans and African apes.” *Nature* **413** (4 October): 514-519.
- Johnson, Megan K., Wade C. Rowan, & Jordan LaBouff.** 2010. “Priming Christian Religious Concepts Increases Racial Prejudice.” *Social Psychological and Personality Science* **1** (April): 119-126.
- Johnson, Ned K.** 2001. “The role of pigments and structural colors in the evolutionary origin of feathers.” *Evolutionary Theory* **12** (November): 91-97.
- Johnson, Ned K., & Carla Cicero.** 2004. “New Mitochondrial DNA Data Affirm the Importance of Pleistocene Speciation in North American Birds.” *Evolution* **58** (May): 1122-1130.
- Johnson, Norman A.** 2007. “Is Evolution ‘Only a Theory’? Scientific Methodologies and

- Evolutionary Biology,” in Petto & Godfrey (2007, 339-360).
- Johnson, Norman A., David C. Lahti, & Daniel T. Blumstein.** 2011. “Combating the Assumption of Evolutionary Progress: Lessons from the Decay and Loss of Traits.” *Evolution: Education & Outreach* **5** (March): 128-138.
- Johnson, Paul.** 1977. *A History of Christianity*. New York: Atheneum.
- . 2001. “‘Relentlessly and Thoroughly’ The only way to respond.” *National Review* (15 October): online text accessed 10/18/2002 (www.nationalreview.com).
- . 2005a. “Thoughts on the Existence of God.” *Forbes Magazine* (20 June): online text accessed 10/19/2015 (forbes.com).
- . 2005b. “The Ayatollah of Atheism and Darwin’s Altars.” *The Spectator* (31 August) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 12/12/2012).
- . 2012. *Darwin: Portrait of a Genius*. New York: Viking Press.
- Johnson, Phillip E.** 1990. “Darwinism as Dogma: The Establishment of Naturalism,” reprint of *First Things* (October) article “Evolution as Dogma: The Establishment of Naturalism” in Dembski (2004d, 23-41).
- . 1991. *Darwin on Trial*. Washington, D.C.: Regnery Gateway.
- . 1992a. “The Creationist and the Sociobiologist: Two Stories About Illiberal Education.” *California Law Review* **80** (July) posting at *Access Research Network* (online text at www.arn.org accessed 9/8/2011).
- . 1992b. “WHAT IS DARWINISM? Why Science Clings to a Fractured Paradigm.” *Christian Research Institute* Statement DE-382 posting of November Hillsdale College speech (online pdf at equip.org accessed 9/31/2001).
- . 1993a. “The Religion of the Blind Watchmaker.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **45** (March): 46-48.
- . 1993b. *Darwin on Trial*. 2nd ed. Downers Grove, IL: InterVarsity Press.
- . 1993c. “God and Evolution: An Exchange (II).” *First Things* (June/July): 38-41.
- . 1995a. *Reason in the Balance: The Case Against NATURALISM in Science, Law & Education*. Downers Grove, IL: InterVarsity Press.
- . 1995b. “What (If Anything) Hath God Wrought? Academic Freedom and the Religious Professor.” American Association of University Professors *Academe* (September/October) article posting at *Access Research Network* (online text at www.arn.org accessed 9/6/2002).
- . 1995c. “Teaching the Public to Believe in Evolution: The National Park Service Experience.” *Creation/Evolution* **15** (Winter): 19-25.
- . 1996a. “How to Sink a Battleship: A call to separate materialist philosophy from empirical science.” Leadership U. *Origins* posting of edited version of *Mere Creation Conference* address (online text at origins.org accessed 10/7/2001, not available as of 10/14/2014).
- . 1996b. “The Storyteller and the Scientist.” *First Things* (October): 46-51.
- . 1997a. “Dogmatic Materialism.” *Boston Review* **22** (February/March): online text accessed 5/16/2009 (bostonreview.net).
- . 1997b. *Defeating Darwinism by Opening Minds*. Downers Grove, IL: InterVarsity Press.
- . 1998a. *Objections Sustained: Subversive Essays on Evolution, Law & Culture*. Downers Grove, IL: InterVarsity Press.
- . 1998b. “Professor Phillip Johnson’s Reply.” *University of Tennessee* (Knoxville) posting (online text at fp.bio.utk.edu/darwin/Open%20letter/replyletter.html accessed 6/30/2003, not available as of 10/14/2014).
- . 1998c. “What Would Newton Do?” *First Things* (November): 25-31.
- . 1999a. “(Phillip Johnson’s) Response to Edward Davis.” *Reports of the National Center for Science Education* **19** (July-August): 25.
- . 1999b. “The Church of Darwin.” *Wall Street Journal* (16 August): A14.
- . 2000a. *The Wedge of Truth: Splitting the Foundations of Naturalism*. Downers Grove, IL: InterVarsity Press.
- . 2000b. “Bible Answer Man.” *Christian Research Institute* radio broadcast (19-20 December) personal transcription.

- . 2001a. “Inherit the Wind: The Play’s the Thing.” *Regent University Law Review* **13** (Spring): 279-288.
- . 2001b. “Icons of Evolution exposed on CNN.” Access Research Network *Weekly Wedge Update* 7 May posting (online text at www.arn.org accessed 1/4/2014).
- . 2001c. “Lectures Far and Wide.” Access Research Network *Weekly Wedge Update* 21 May posting (online text at www.arn.org accessed 1/4/2014).
- . 2001d. “The Pennsylvania Controversy.” Access Research Network *Weekly Wedge Update* 11 June posting (online text at www.arn.org accessed 1/4/2014).
- . 2001e. “Errors and Alarms.” Access Research Network *Weekly Wedge Update* 18 June posting (online text at www.arn.org accessed 3/14/2002).
- . 2001f. “No Free Lunch.” Access Research Network *Weekly Wedge Update* 30 October posting (online text at www.arn.org accessed 9/12/2002).
- . 2002a. “Curriculum Controversy in Ohio.” Access Research Network *Weekly Wedge Update* 17 January posting (online text at www.arn.org accessed 3/7/2002).
- . 2002b. “More from Ohio.” Access Research Network *Weekly Wedge Update* 31 January posting (online text at www.arn.org accessed 3/7/2002).
- . 2002c. “A Book on the Way, and the Latest from Ohio.” Access Research Network *Weekly Wedge Update* 14 March posting (online text at www.arn.org accessed 3/14/2002).
- . 2002d. *The Right Questions: Truth, Meaning & Public Debate*. Downers Grove, IL: InterVarsity Press.
- . 2003. “Intelligent Design, Freedom, and Education.” *BreakPoint* (9 May) posting at *Access Research Network* (online text at www.arn.org accessed 6/23/2003).
- . 2004a. “The demise of naturalism.” *World Magazine* posting 3 April (online text at www.worldmag.com accessed 3/31/2004).
- . 2004b. “Taking the Cake.” *Touchstone* (July/August): online text accessed 11/5/2010 (www.touchstonemag.com).
- . 2005. “Darwin’s Battleship: Status Report on the Leaks This Ship Has Sprung.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at www.4truth.net accessed 11/25/2013).
- . 2008. “Bringing Balance to a Fiery Debate,” in House (2008a, 23-40).
- Johnson, Phillip E., & William B. Provine.** 1994. “Darwinism: Science or Naturalistic Philosophy?” Excerpts of 30 April Stanford University debate posted 2 June 1995 (online text at www.arn.org accessed 1/16/2010).
- Johnson, Reed M., Jay D. Evans, Gene E. Robinson, & May R. Berenbaum.** 2009. “Changes in transcript abundance relating to colony collapse disorder in honey bees (*Apis mellifera*).” *Proceedings of the National Academy of Sciences* **106** (1 September): 14790-14795.
- Johnson, Robert Bowie Jr.** 2002. *Athena and Eden: The Hidden Meaning of the Parthenon’s East Facade*. Annapolis, MD: Solving Light Books.
- . 2003a. *Athena and Kain: The True Meaning of Greek Myth*. Annapolis, MD: Solving Light Books.
- . 2003b. “Athena and Eve.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **17** (3): 85-92.
- . 2004. *The Parthenon Code: Mankind’s History in Marble*. Annapolis, MD: Solving Light Books.
- . 2007. *Noah in Ancient Greek Art*. Annapolis, MD: Solving Light Books.
- . 2008a. “‘National Review’s’ Disgraceful Capitulation To Atheistic Evolution.” *The American View* posting (online text at www.theamericanreview.com accessed 3/23/2009).
- . 2008b. *Sowing Atheism: The National Academy of Sciences’ Sinister Scheme to Teach Our Children They’re Descended from Reptiles*. Annapolis, MD: Solving Light Books.
- . 2012. “Excerpts from CHAPTER 3: THE NATIONAL ACADEMY OF SCIENCES: A HIERARCHY OF MORONS.” *Outing the Moronocracy* posting (online text at outingthemoronocracy.com accessed 6/8/2014).
- . 2013. “The Ubiquitous Lie of Chance, Human Reptile Descent.” *Everest John Alexander* 22 September posting of article as “A New Stunning Fact About Human Evolution” (online text at everestalexander.wordpress.com accessed 6/8/2014).

- Johnson, Robert E., Louise Prakash, & Satya Prakash.** 2005. "Biochemical evidence for the requirement of Hoogsteen base pairing for replication by human DNA polymerase." *Proceedings of the National Academy of Sciences* **102** (26 July): 10466-10471.
- Johnson, Roberta, & Margaret Holzer.** 2011. "Executive Summary: National Earth Science Teachers Association K-12 Climate Change Education Survey." *NESTA* 2 December posting (online pdf at www.nestanet.org accessed 1/18/2012).
- Johnson, Ronald C.** 1985. "Early Cenozoic History of the Uinta and Piceance Creek Basins, Utah and Colorado, with Special Reference to the Development of Eocene Lake Uinta," in Flores & Kaplan (1985, 247-276).
- Johnson, Ryan T., & S. Marc Breedlove.** 2010. "Human trust: Testosterone raises suspicion." *Proceedings of the National Academy of Sciences* **107** (22 June): 11149-11150.
- Johnson, Sarah Stewart, Martin B. Hebsgaard, Torben R. Christensen, Mikhail Mastepanov, Rasmus Nielsen, Kasper Munch, Tina Brand, M. Thomas P. Gilbert, Maria T. Zuber, Michael Bunce, Regine Rønn, David Gilichinsky, Duane Froese, & Eske Willerslev.** 2007. "Ancient bacteria show evidence of DNA repair." *Proceedings of the National Academy of Sciences* **104** (4 September): 14401-14405.
- Johnson, Scott K.** 2012. "A pair of geologic clocks get updates." *Ars Technica* posting 9 April (online text at arstechnica.com accessed 5/3/2012).
- . 2014. "Creationism comes to the county fair." *Earth* (July): online text accessed 7/4/2014 (www.earthmagazine.org).
- . 2015. "Growing mystery—getting to the bottom of the highest peak in the Lower 48." *Ars Technica* posting 7 May (online text at arstechnica.com accessed 6/15/2017).
- Johnson, Shannon B., Curtis R. Young, William J. Jones, Anders Warén, & Robert C. Vrijenhoek.** 2006. "Migration, Isolation, and Speciation of Hydrothermal Vent Limpets (Gastropoda; Lepetodrilidae) Across the Blanco Transform Fault." *The Biological Bulletin* **210** (April): 140-157.
- Johnson, Steven D., & Bruce Anderson.** 2010. "Coevolution Between Food-Rewarding Flowers and Their Pollinators." *Evolution: Education & Outreach* **3** (March): 32-39.
- Johnson, Thomas.** 2013. "Book Review: James A. Shapiro's *Evolution: A View from the 21st Century*." *Journal of Evolution & Technology* **23** (December): 61-64.
- Johnson, Tim E., Michael Brown, Nicholas J. Gardiner, Christopher L. Kirkland, & Hugh Smithies.** 2017. "Earth's first stable continents did not form by subduction." *Nature* **543** (9 March): 239-242.
- Johnson, Vicki D.** 2006. "A Contemporary Controversy in American Education: Including Intelligent Design in the Science Curriculum." *The Educational Forum* **70** (Spring): 222-236.
- Johnson, Warren E., Eduardo Eizirik, Jill Pecon-Slattery, William J. Murphy, Agostinho Antunes, Emma Teeling, & Stephen J. O'Brien.** 2006. "The Late Miocene Radiation of Modern Felidae: A Genetic Assessment." *Science* **311** (6 January): 73-77.
- Johnson-Frey, Scott H.** 2003. "What's So Special about Human Tool Use?" *Neuron* **39** (17 July): 201-204.
- . 2004. "The neural bases of complex tool use in humans." *Trends in Cognitive Sciences* **8** (February): 71-78.
- . 2008. "Tool use, communicative gesture and cerebral asymmetries in the modern human brain." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (12 June): 1951-1957.
- Johnson-Laird, Philip N.** 2010. "Mental models and human reasoning." *Proceedings of the National Academy of Sciences* **107** (26 October): 18243-18250.
- Johnsson, Per, Amanda Ackley, Linda Vidarsdottir, Weng-Onn Lui, Martin Corcoran, Dan Grandér, & Kevin V. Morris.** 2013. "A pseudogene long-noncoding-RNA network regulates *PTEN* transcription and translation in human cells." *Nature Structural & Molecular Biology* **20** (April): 440-446.
- Johnston, Chris.** 2014. "Biological warfare flares up again between EO Wilson and Richard Dawkins." *The Guardian* 6 November posting (online text at theguardian.com accessed

11/7/2014).

- Johnston, Christopher A., Dustin S. Whitney, Brian F. Volkman, Chris Q. Doe, & Kenneth E. Prehoda.** 2011. “Conversion of the enzyme guanylate kinase into a mitotic-spindle orienting protein by a single mutation that inhibits GMP-induced closing.” *Proceedings of the National Academy of Sciences* **108** (1 November): 17863-17864.
- Johnston, D. T., F. A. Macdonald, B. C. Gill, P. F. Hoffman, & D. P. Schrag.** 2012. “Uncovering the Neoproterozoic carbon cycle.” *Nature* **483** (15 March): 320-323.
- Johnston, David T., Boswell A. Wing, James Farquhar, Alan J. Kaufman, Harald Strauss, Timothy W. Lyons, Linda C. Kah, & Donald E. Canfield.** 2005. “Active Microbial Sulfur Disproportionation in the Mesoproterozoic.” *Science* **310** (2 December): 1477-1479.
- Johnston, D. T., F. Wolfe-Simon, A. Pearson, & A. H. Knoll.** 2009. “Anoxygenic photosynthesis modulated Proterozoic oxygen and sustained Earth’s middle age.” *Proceedings of the National Academy of Sciences* **106** (6 October): 16925-16929.
- Johnston, George Sim.** 1993. “The Galileo Affair.” *Scepter Publishers* posting of *Lay Witness* (April) article (online pdf at www.sceptorpublishers.org accessed 11/25/2013).
- . 1995. “The Death of Darwinism.” *Catholic Educator’s Resource Center* posting of *Lay Witness* (June) article (online text at www.catholiceducation.org accessed 8/19/2002).
- . 1996. “Why Catholics Like Einstein.” *Crisis* **17** (October): online text posted 26 January 2012 accessed 8/14/2012 (crisismagazine.com).
- . 1997. “‘Apes ‘R’ Not Us’: Catholics & the Debate Over Evolution.” *Envoy* (March/April): online text accessed 8/19/2002 (envoymagazine.com).
- . 1999. “Monkey Business in Kansas.” *Crisis* **17** (October): 29-31.
- Johnston, Iain G., & Ben P. Williams.** 2016. “Evolutionary Inference across Eukaryotes Identifies Specific Pressures Favoring Mitochondrial Gene Retention.” *Cell Systems* **2** (24 February): 101-111.
- Johnston, Mark, & Gary D. Stormo.** 2003. “Heirlooms in the Attic.” *Science* **302** (7 November): 997, 999.
- Johnston, Peter.** 2014. “Homology of the Jaw Muscles in Lizards and Snakes—A Solution from a Comparative Gnathostome Approach.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **297** (March): 574-585.
- Johnston, Susan E., Jacob Gratten, Camillo Berenos, Jill G. Pilkington, Tim H. Clutton-Brock, Josephine M. Pemberton, & Jon Slate.** 2013. “Life history trade-offs at a single locus maintain sexually selected genetic variation.” *Nature* **502** (3 October): 93-95.
- Johnston, Wendy K., Aldis Krizus, Arun K. Ramani, Wade Dunham, Ji Young Youn, Andrew G. Fraser, Anne-Claude Gingras, & James W. Dennis.** 2017. “*C. elegans* SUP-46, an HNRNPM family RNA-binding protein that prevents paternally-mediated epigenetic sterility.” *BMC Biology* (online @ biomedcentral.com) **15** (17 July): 61.
- Johnston, Wendy K., Peter J. Unrau, Michael S. Lawrence, Margaret E. Glasner, & David P. Bartel.** 2001. “RNA-Catalyzed RNA Polymerization: Accurate and General RNA-Templated Primer Extension.” *Science* **292** (18 May): 1319-1325.
- Johnstone, James A., & Todd E. Dawson.** 2010. “Climatic context and ecological implications of summer fog decline in the coast redwood region.” *Proceedings of the National Academy of Sciences* **107** (9 March): 4533-4538.
- Johnstone, Paul.** 1980. *The Sea-craft of Prehistory*. Cambridge, MA: Harvard University Press.
- Johnstone, Rufus A., & Michael A. Cant.** 2010. “The evolution of menopause in cetaceans and humans: the role of demography.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 December): 3765-3771.
- Johnstone, Rufus A., Michael A. Cant, & Jeremy Field.** 2012. “Sex-biased dispersal, haplodiploidy and the evolution of helping in social insects.” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 February): 787-793.
- Johnstone, Rufus A., & Andrea Manica.** 2011. “Evolution of personality differences in leadership.” *Proceedings of the National Academy of Sciences* **108** (17 May): 8373-8378.
- Joint Genome Institute.* 2008. “Genome of Simplest Animal Reveals Ancient Lineage, Confounding Array of Complex Capabilities.” Department of Energy *Joint Genome*

- Institute* 21 August press release (online text at jgi.doe.gov accessed 7/17/2014).
- Jokela, Jukka, Mark F. Dybdahl, & Curtis M. Lively.** 2009. "The Maintenance of Sex, Clonal Dynamics, and Host-Parasite Coevolution in a Mixed Population of Sexual and Asexual Snails." *The American Naturalist* **174** (July Supplement): S44-S53.
- Joksimovic, Milan, Angela Andereg, Anil Roy, Laura Campochiaro, Beth Yun, Raja Kittappa, Ronald McKay, & Rajeshwar Awatramani.** 2009. "Spatiotemporally separable *Shh* domains in the midbrain define distinct dopaminergic progenitor pools." *Proceedings of the National Academy of Sciences* **106** (10 November): 19185-19190.
- Jola, Corinne, Ali Abedian-Amiri, Annapoorna Kuppaswamy, Frank E. Pollick, & Marie-Hélène Grosbras.** 2012. "Motor Simulation without Motor Expertise: Enhanced Corticospinal Excitability in Visually Experienced Dance Spectators." *PLoS ONE* (online @ plosone.org) **7** (March): e33343.
- Jolij, Jacob, & Victor A. F. Lamme.** 2005. "Repression of unconscious information by conscious processing: Evidence from affective blindsight induced by transcranial magnetic stimulation." *Proceedings of the National Academy of Sciences* **102** (26 July): 10747-10751.
- Jolly, Alison.** 1988. "Madagascar's Lemurs: On the Edge of Survival." *National Geographic* **174** (August): 132-161.
- . 1999. *Lucy's Legacy: Sex and Intelligence in Human Evolution*. Cambridge, MA: Harvard University Press.
- Jolma, Arttu, Yimeng Yin, Kazuhiro R. Nitta, Kashyap Dave, Alexander Popov, Minna Taipale, Martin Enge, Teemu Kivioja, Ekaterina Morgunova, & Jussi Taipale.** 2015. "DNA-dependent formation of transcription factor pairs alters their binding specificity." *Nature* **527** (19 November): 384-388.
- Joly, J.** 1928. "Pleochroic Haloes and the Age of the Earth." *Nature* **121** (11 February): 207-208.
- Joly-Lopez, Zoé, Ewa Forczek, Douglas R. Hoen, Nikoleta Juretic, & Thomas E. Bureau.** 2012. "A Gene Family Derived from Transposable Elements during Early Angiosperm Evolution Has Reproductive Fitness Benefits in *Arabidopsis thaliana*." *PLoS Genetics* (online @ plosgenetics.org) **8** (September): e1002931.
- Jomelli, V., V. Favier, M. Vuille, R. Braucher, L. Martin, P.-H. Blard, C. Colose, D. Brunstein, F. He, M. Khodri, D. L. Bourlès, L. Leanni, V. Rinterknecht, D. Grancher, B. Fancou, J. L. Ceballos, H. Fonseca, Z. Liu, & B. L. Otto-Bliesner.** 2014. "A major advance of tropical Andean glaciers during the Antarctic cold reversal." *Nature* **513** (11 September): 224-228.
- Jonas, Jacques, Corentin Jacques, Joan Liu-Shuang, Hélène Brissart, Sophie Colnat-Coulbois, Louis Maillard, & Bruno Rössion.** 2016. "A face-selective ventral occipito-temporal map of the human brain with intracerebral potentials." *Proceedings of the National Academy of Sciences* **113** (12 July): E4088-E4097.
- Jonason, Peter K., Amy Jones, & Minna Lyons.** 2013. "Creatures of the night: Chronotypes and the Dark Triad traits." *Personality and Individual Differences* **55** (September): 538-541.
- Jondelius, Ulf, Andreas Wallberg, Matthew Hooge, & Olga I. Raikova.** 2011. "How the Worm Got its Pharynx: Phylogeny, Classification and Bayesian Assessment of Character Evolution in Acoela." *Systematic Biology* **60** (December): 845-871.
- Jones, Adam.** 2005. "Iris Garden, Salem, Oregon, USA." *ALLPosters* undated #3741179 product posting (online text at www.allposters.com accessed 5/10/2012).
- Jones, Adam G., & Nicholas L. Ratterman.** 2009. "Mate choice and sexual selection: What have we learned since Darwin?" *Proceedings of the National Academy of Sciences* **106** (16 June): 10001-10008.
- Jones, Andy.** 2013. "Function, the evolution-free gospel of ENCODE." *Uncommon Descent* posting 22 February (online text at www.uncommondescent.com accessed 2/24/2013).
- Jones, Anquinette.** 2014. "Evolution." *Henry W. Grady High School* (Atlanta, Georgia) lecture posting (online ppt at docs.google.com accessed 7/5/2014).

- Jones, Arthur.** 1970. "The Dogma of Evolution." *Faith and Thought* (AKA *Journal of the Transactions of the Victoria Institute*) **98** (2-3): 25-41.
- . 2012. "Secular Indoctrination in Society and Education." *Sheffield Christian Freeschool* 2 January posting (online pdf at www.sheffieldchristianfreeschool.org accessed 2/16/2013).
- Jones, Arthur, & David Tyler.** 2005. "Engaging with Intelligent Design? Reflections on the Rhetoric of Howard Van Till." *Templeton Foundation Science & Christian Belief* **17** (2): 223-232.
- Jones, Benjamin F., & Bruce A. Weinberg.** 2011. "Age dynamics in scientific creativity." *Proceedings of the National Academy of Sciences* **108** (22 November): 18910-18914.
- Jones, Brant M., Fangtong Zhang, Ralf I. Kaiser, Adeel Jamal, Alexander M. Mebel, Martin A. Cordiner, & Steven B. Charnley.** 2011. "Formation of benzene in the interstellar medium." *Proceedings of the National Academy of Sciences* **108** (11 January): 452-457.
- Jones, Brian.** 2000. "A Review Article: *Darwin's Black Box*." *Detroit Baptist Seminary Journal* **5** (Fall): 125-134.
- . 2013a. "Do People Become Christians Because They Grow Up In Christian Countries?" *Brian Jones* March posting (online text at brianjones.com accessed 2/18/2014).
- . 2013b. "Do I Have To Believe In Creationism To Become a Christian?" *Brian Jones* May posting (online text at brianjones.com accessed 2/18/2014).
- . 2013c. "Do Contradictions In The Gospels Make Them Untrustworthy?" *Brian Jones* June posting (online text at brianjones.com accessed 2/18/2014).
- Jones, Brian W.** 1992. *The Emperor Domitian*. London: Routledge.
- Jones, Brice C.** 2014. "The 'First Century' Gospel of Mark, Josh McDowell, and Mummy Masks: What They All Have in Common." *Brice C. Jones (/)* 4 May posting (online text at bricecjones.weebly.com accessed 7/15/2014).
- Jones, Bryony.** 2014. "Evidence of group selection shown in social spiders." *Nature Reviews Genetics* **15** (December): 778-779.
- Jones, CarriAyne, & Sean Andrew Crowe.** 2013. "No evidence for manganese-oxidizing photosynthesis." *Proceedings of the National Academy of Sciences* **110** (29 October): E4118.
- Jones, Christopher M., Milindu Liyanapathirana, Fiacre R. Agossa, David Weetman, Hilary Ranson, Martin James Donnelly, & Craig S. Wilding.** 2012. "Footprints of positive selection associated with a mutation (N1575Y) in the voltage-gated sodium channel of *Anopheles gambiae*." *Proceedings of the National Academy of Sciences* **109** (24 April): 6614-6619.
- Jones, Christopher M., Blaž Stres, Magnus Rosenquist, & Sara Hallin.** 2008. "Phylogenetic Analysis of Nitrite, Nitric Oxide, and Nitrous Oxide Respiratory Enzymes Reveal a Complex Evolutionary History for Denitrification." *Molecular Biology and Evolution* **25** (September): 1955-1966.
- Jones, Corbin D.** 1998. "The Genetic Basis of *Drosophila sechellia*'s Resistance to a Host Plant Toxin." *Genetics* **149** (August): 1899-1908.
- Jones, Corbin D., & David J. Begun.** 2005. "Parallel evolution of chimeric fusion genes." *Proceedings of the National Academy of Sciences* **102** (9 August): 11373-11378.
- Jones, Dan.** 2008. "Uncovering the evolution of the bacterial flagellum." *New Scientist* (16 February): online text accessed 12/20/2010 (newscientist.com).
- . 2010. "A WEIRD View of Human Nature Skews Psychologists' Studies." *Science* **328** (25 June): 1627.
- . 2012a. "Are some of us hybrids?" *New Scientist* (26 March): online text accessed 5/23/2012 (newscientist.com).
- . 2012b. "Why aren't we more like chimps?" *New Scientist* (2 April): online text accessed 5/23/2012 (newscientist.com).
- . 2013. "The ritual animal." *Nature* **493** (24 January): 470-472.
- Jones, David.** 2002. "Evolution & Creation." Grove City College (Pennsylvania) *Center for Vision & Values* 24 October posting (online text at www.visionandvalues.org accessed 7/7/2013).

- . 2005. “Response to the Dover, PA Trial Concerning Intelligent Design.” Grove City College (Pennsylvania) *Center for Vision & Values* 25 October posting (online text at www.visionandvalues.org accessed 7/7/2013).
- Jones, David S.** 2016. “Cracking the Neoproterozoic atmosphere?” *Geology* **44** (August): 687-688.
- Jones, Dennis D.** 2011a. “Eodromaeus Dinosaur.” *Intelligent Design* 7 May posting (online text at dennisdjones.wordpress.com accessed 12/4/2013).
- . 2011b. “TRANSITIONAL LIFE FORMS.” *Intelligent Design* 7 May posting (online text at dennisdjones.wordpress.com accessed 12/4/2013).
- . 2011c. “How Sodium Channels Support Intelligent Design Theory.” *Intelligent Design* 27 September posting (online text at dennisdjones.wordpress.com accessed 12/4/2013).
- . 2013a. “Response to the Mark Perakh Critique, ‘There Is A Free Lunch After All: William Dembski’s Wrong Answer to Irrelevant Questions.’” *Intelligent Design* 5 January posting (online text at dennisdjones.wordpress.com accessed 1/9/2014).
- . 2013b. “Response to Claim That ID Theory Is An Argument from Incredulity.” *Intelligent Design* 7 April posting (online text at dennisdjones.wordpress.com accessed 1/9/2014).
- . 2013c. “Michael Behe on the Witness Stand.” *Intelligent Design* 16 April posting (online text at dennisdjones.wordpress.com accessed 1/9/2014).
- . 2013d. “Does Evolution Alone Increase Information in A Genome?” *Intelligent Design* 18 April posting (online text at dennisdjones.wordpress.com accessed 1/9/2014).
- . 2013e. “The Wedge Document.” *Intelligent Design* 28 April posting (online text at dennisdjones.wordpress.com accessed 1/9/2014).
- Jones, Edward G.** 2009. “The Origins of Cortical Interneurons: Mouse versus Monkey and Human.” *Cerebral Cortex* **19** (September): 1953-1956.
- Jones, Edward G., & Pasko Rakic.** 2010. “Radial Columns in Cortical Architecture: It Is the Composition That Counts.” *Cerebral Cortex* **20** (October): 2261-2264.
- Jones, Emily I., Scott L. Nuismer, & Richard Gomulkiewicz.** 2013. “Revisiting Darwin’s conundrum reveals a twist on the relationship between phylogenetic distance and invasibility.” *Proceedings of the National Academy of Sciences* **110** (17 December): 20627-20632.
- Jones, Felicity C., Manfred G. Grabherr, Yingguang Frank Chan, Pamela Russell, Evan Mauceli, Jeremy Johnson, Ross Swofford, Mono Pirun, Michael C. Zody, Simon White, Ewan Birney, Stephen Searle, Jeremy Schmutz, Jane Grimwood, Mark C. Dickson, Richard M. Myers, Craig T. Miller, Brian R. Summers, Anne K. Knecht, Shannon D. Brady, Haili Zhang, Alex A. Pollen, Timothy Howes, Chris A. Amemiya, Broad Institute Genome Sequencing Platform & Whole Genome Assembly Team, Eric S. Lander, Federica DiPalma, Kerstin Lindblad-Toh, & David M. Kingsley.** 2012. “The genomic basis of adaptive evolution in threespine sticklebacks.” *Nature* **484** (5 April): 55-61.
- Jones, Floyd Nolen.** 2002. *Chronology of the Old Testament: A Return to the Basics*. Rev. ed. of 1993 work. The Woodlands, TX: KingsWord Press.
- Jones, Gareth.** 2010. “Molecular Evolution: Gene Convergence in Echolocating Mammals.” *Current Biology* **20** (26 January): R62-R64.
- Jones, Gareth, & Emma C. Teeling.** 2006. “The evolution of echolocation in bats.” *Trends in Ecology & Evolution* **21** (March): 149-156.
- Jones, Gareth, & Sofie M. Van Parijs.** 1993. “Bimodal echolocation in pipistrelle bats: are cryptic species present?” *Proceedings of the Royal Society of London B* (Biological Sciences) **251** (22 February): 119-125.
- Jones, Gregory V.** 2003. “Predicates as cantilevers for the bridge between perception and language.” *Behavioral and Brain Sciences* **26** (3): 294.
- Jones, Helen E., Ian M. Andolina, Stewart D. Shipp, Daniel L. Adams, Javier Cudeiro, Thomas E. Salt, & Adam M. Sillito.** 2015. “Figure-ground modulation in awake primate thalamus.” *Proceedings of the National Academy of Sciences* **112** (2 June): 7085-7090.

- Jones, James V. III, James N. Connelly, Karl E. Karlstrom, Michael L. Williams, & Michael F. Doe.** 2009. "Age, provenance, and tectonic setting of Paleoproterozoic quartzite successions in southwestern United States." *The Geological Society of America GSA Bulletin* **121** (January): 247-264.
- Jones, Jeff R., Thomas G. Ranney, Nathan P. Lynch, & Stephen L. Krebs.** 2007. "Ploidy Levels and Relative Genome Sizes of Diverse Species, Hybrids, and Cultivars of *Rhododendron*." *Journal American Rhododendron Society* **61** (Fall): 220-227.
- Jones, John E.** 2005. Memorandum Opinion (20 December) Case 4:04-CV-02688-JEJ U.S. District Court for the Middle District of Pennsylvania re: *Tammy Kitzmiller, et al. v. Dover Area School District, et al.* (online text at creationismstrojanhorse.com accessed 4/10/2014).
- . 2006a. "SPEECH BY U.S. DISTRICT JUDGE JOHN E. JONES III TO THE ANTI-DEFAMATION LEAGUE National Executive Committee Meeting Palm Beach, FL, February 10, 2006." *Talk Reason* posting (online text at talkreason.org accessed 6/6/2006).
- . 2006b. "The opinion speaks for itself." Philadelphia Inquirer *Verbatim Verbatim* 26 February interview posting (online text at www.philly.com accessed 6/6/2006).
- Jones, Leigh.** 2013. "Banned in Nashville." *World Magazine* "Troubling Trends" posting 23 August (online text at www.worldmag.com accessed 10/13/2013).
- Jones, Marc E. H., Cajsja Lisa Anderson, Christy A. Hipsley, Johannes Müller, Susan E. Evans, & Rainer R. Schoch.** 2013. "Integration of molecules and new fossils supports a Triassic origin for Lepidosauria (lizards, snakes, and tuatara)." *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (25 September): 208.
- Jones, Marc E. H., Alan J. D. Tennyson, Jennifer P. Worthy, Susan E. Evans, & Trevor H. Worthy.** 2009. "A sphenodontine (Rhynchocephalia) from the Miocene of New Zealand and palaeobiogeography of the tuatara (*Sphenodon*)." *Proceedings of the Royal Society of London B* (Biological Sciences) **276** (7 April): 1385-1390.
- Jones, Martin.** 2001. *The Molecule Hunt: Archaeology and the Search for Ancient DNA*. New York: Arcade Publishing.
- Jones, Meredith D. M., Irene Forn, Catarina Gadelha, Martin J. Egan, David Bass, Ramon Massana, & Thomas A. Richards.** 2011. "Discovery of novel intermediate forms redefines the fungal tree of life." *Nature* **474** (9 June): 200-203.
- Jones, Nicola.** 2013. "Changing winds dampen Antarctic sea-level rise." *Nature News* (15 November) posting (online text at nature.com accessed 11/16/2013).
- Jones, Owen D.** 2012. "The End of (Discussing) Free Will." *The Chronicle of Higher Education* posting 18 March: online text accessed 6/8/2014 (chronicle.com).
- Jones, Owen R., Alexander Scheuerlein, Roberto Salguero-Gómez, Carlo Giovanni Camarda, Ralf Schaible, Brenda B. Casper, Johan P. Dahlgren, Johan Erlén, María B. García, Eric S. Menges, Pedro F. Quintana-Ascencio, Hal Caswell, Annette Baudisch, & James W. Vaupel.** 2014. "Diversity of ageing across the tree of life." *Nature* **505** (9 January): 169-173.
- Jones, P. D., & M. E. Mann.** 2004. "Climate Over Past Millennia." *Reviews of Geophysics* (AKA *Reviews of Geophysics and Space Physics*) **42**: RG2002.
- Jones, P. D., T. J. Osborn, & K. R. Briffa.** 2001. "The Evolution of Climate Over the Last Millennium." *Science* **292** (27 April): 662-667.
- Jones, Robert P., Daniel Cox, & Thomas Banchoff.** 2012. "A Generation in Transition: Religion, Values, and Politics among College-Age Millennials." *Public Religion Research Institute* release (online pdf at www.publicreligion.org accessed 10/16/2012).
- Jones, Robert P., Daniel Cox, & Elizabeth Cook.** 2011. "Generations at Odds: The Millennial Generation and the Future of Gay and Lesbian Rights." *Public Religion Research Institute* 29 August release (online text at www.publicreligion.org accessed 9/1/2011).
- Jones, Robert P., Daniel Cox, & Juhem Navarro-Rivera.** 2012. "Diverse, Disillusioned, and Divided: Millennial Values and Voter Engagement in the 2012 Election." *Public Religion Research Institute* 4 October release (online pdf at www.publicreligion.org accessed

- 10/16/2012).
- . 2014. “Believers, Sympathizers, & Skeptics: Why Americans are Conflicted About Climate Change, Environmental Policy, and Science.” *Public Religion Research Institute* 22 November release (online pdf at www.publicreligion.org accessed 11/22/2014).
- Jones, Robert P., Daniel Cox, Juhem Navarro-Rivera, E. J. Dionne Jr., & William A. Galston.** 2013. “Do Americans Believe Capitalism & Government Are Working? Religious Left, Religious Right & the Future of the Economic Debate.” *Public Religion Research Institute* 18 July release (online pdf at www.publicreligion.org accessed 8/4/2013).
- Jones, Russ.** 2013. “Christian Leaders Back New Controversial Evolution Movie.” *Christian News Service* 1 July posting (online text at christiannewservice.com accessed 8/12/2013).
- Jones, Sarah.** 2017. “Trump Has Turned the GOP Into the Party of Eugenics.” *The New Republic* 15 February posting: online text accessed 2/16/2017 (newrepublic.com).
- Jones, Stanton L., & Mark A. Yarhouse.** 2009. “Ex Gays? An Extended Longitudinal Study of Attempted Religiously Mediated Change in Sexual Orientation.” American Psychological Association Sexual Orientation and Faith Tradition Symposium presentation (online pdf at wthrockmorton.com accessed 10/3/2011).
- . 2011. “A Longitudinal Study of Attempted Religiously Mediated Sexual Orientation Change.” *Journal of Sex & Marital Therapy* **37** (5): 404-427.
- Jones, Stephen E.** 2006. “The Reason Eyes are Transparent Finally Becomes Clear.” *CreationEvolutionDesign* posting 24 July (online text at creationevolutiondesign.blogspot.com accessed 5/17/2013).
- . 2009. “I am training to be a high school biology teacher, so less blogging!” *CreationEvolutionDesign* posting 12 March (online text at creationevolutiondesign.blogspot.com accessed 7/27/2011).
- . 2010. “Why I (a Creationist) Accept Common Ancestry (Not *Evolution*).” *Inet* 15 July 2005 posting revised 16 March (online text at members.iinet.au accessed 7/27/2011).
- Jones, Steve.** 2011a. *The Darwin Archipelago*. New Haven, CT: Yale University Press.
- . 2011b. “Islam, Charles Darwin and the denial of science.” *London Telegraph* posting 3 December: online text accessed 12/17/2011 (www.telegraph.co.uk).
- Jones, Susan S.** 2009. “The development of imitation in infancy.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (27 August): 2325-2335.
- Jones, Terry, & Alan Ereira.** 1995. *Crusades*. New York: Facts On File, Inc.
- Jones, Terry D., James O. Farlow, John H. Ruben, Donald M. Henderson, & Willem J. Hillenius.** 2000. “Cursoriality in bipedal archosaurs.” *Nature* **406** (17 August): 716-718.
- Jones, Terry D., John A. Ruben, Larry D. Martin, Evgeny N. Kurochkin, Alan Feduccia, Paul F. A. Maderson, Willem J. Hillenius, Nicholas R. Geist, & Vladimir Alifanov.** 2000. “Nonavian Feathers in a Late Triassic Archosaur.” *Science* **288** (23 June): 2202-2205.
- Jones, Terry J., Charles E. Woodward, Martha L. Boyer, Robert D. Dehrz, & Elisha Polomski.** 2005. “Spitzer IRAC Observations of Star Formation in N159 in the Large Magellanic Cloud.” *The Astrophysical Journal* **620** (20 February): 731-743.
- Jones, Terry L.** 2008. “California archaeological record consistent with Younger Dryas disruptive event.” *Proceedings of the National Academy of Sciences* **105** (16 December): E109.
- Jones, T. L., J. F. Porcasi, J. M. Erlandson, H. Dallas Jr., T. A. Wake, & R. Schwaderer.** 2008. “The protracted Holocene extinction of California’s flightless sea duck (*Chendytes lawi*) and its implications for the Pleistocene overkill hypothesis.” *Proceedings of the National Academy of Sciences* **105** (18 March): 4105-4108.
- Jones, Tom B.** 1962. *The Silver-Plated Age*. Lawrence, KS: Coronado Press.
- Jones, Zinna.** 2012. “Dan Savage is right about the Bible.” *Why Evolution Is True* posting 30 April (online text at whyevolutionistrue.wordpress.com accessed 9/21/2012).
- Jong, Jonathan, Jamin Halberstadt, & Matthias Bluemke.** 2012. “Foxhole atheism, revisited: The effects of mortality salience on explicit and implicit religious belief.” *Journal of*

- Experimental Social Psychology* **48** (September): 983-989.
- Jonna, Venkateswara Rao, Mikael Crona, Reza Rofougaran, Daniel Lundin, Samuel Johansson, Kristoffer Brännström, Britt-Marie Sjöberg, & Anders Hofer.** 2015. "Diversity in Overall Activity Regulation of Ribonucleotide Reductase." *The Journal of Biological Chemistry* **290** (10 July): 17339-17348.
- Jónsson, Hákon, Mikkel Schubert, Andaine Seguin-Orlando, Aurélien Ginolhac, Lillian Petersen, Matteo Fumagalli, Anders Albrechtsen, Bent Petersen, Thorfinn S. Korneliussen, Julia T. Vilstrup, Teri Lear, Jennifer Leigh-Myka, Judith Ludquist, Donald C. Miller, Amhed M. V. Alfarhan, Saleh A. Alquraishi, Khaled A. S. Al-Rasheid, Julia Stagegaard, Günter Strauss, Mads Frost Bertelsen, Thomas Sicheritz-Ponten, Douglas F. Antczak, Ernst Bailey, Rasmus Nielsen, Eske Willerslev, & Ludovic Orlando.** 2014. "Speciation with gene flow in equids despite extensive chromosomal plasticity." *Proceedings of the National Academy of Sciences* **111** (30 December): 18655-18660.
- Jönsson, Henrik, Marcus G. Heisler, Bruce E. Shapiro, Elliot M. Meyerowitz, & Eric Mjolsness.** 2006. "An auxin-driven polarized transport model for phyllotaxis." *Proceedings of the National Academy of Sciences* **103** (31 January): 1633-1638.
- Jonsson, Knud A., Pierre-Henri Fabre, Susanne A. Fritz, Rampal S. Etienne, Robert E. Ricklefs, Tobias B. Jorgensen, Jon Fjeldså, Carsten Rahbek, Per G. P. Ericson, Friederike Woog, Eric Pasquet, & Martin Irestedt.** 2012. "Ecological and evolutionary determinants for the adaptive radiation of the Madagascan vangas." *Proceedings of the National Academy of Sciences* **109** (24 April): 6620-6625.
- Jønsson, Knud A., Pierre-Henri Fabre, & Martin Irestedt.** 2012. "Brains, tools, innovation and biogeography in crows and ravens." *BMC Evolutionary Biology* (online @ biomedcentral.com) **12** (29 May): 72.
- Jonsson, Knud A., Pierre-Henri Fabre, Robert E. Ricklefs, & Jon Fjeldså.** 2011. "Major global radiation of corvid birds originated in the proto-Papuan archipelago." *Proceedings of the National Academy of Sciences* **108** (8 February): 2328-2333.
- Jontof-Hutter, Daniel, Jason F. Rowe, Jack J. Lissauer, Daniel C. Fabrycky, & Eric B. Ford.** 2015. "The mass of the Mars-sized exoplanet Kepler-138 b from transit timing." *Nature* **522** (18 June): 321-323.
- Joordens, Josephine C. A., Francesco d'Errico, Frank P. Wesselingh, Stephen Munro, John de Vos, Jakob Wallinga, Christina Ankjærgaard, Tony Reimann, Jan R. Wijbrans, Klaudia F. Kuiper, Herman J. Mûcher, H el ene Coqueugniot, Vincent Pri e, Ineke Joosten, Bertil van Os, Anne S. Schulp, Michel Paniel, Victoria van der Haas, Wim Lustenhouwer, John J. G. Reijmer, & Wil Roebroeks.** 2015. "*Homo erectus* at Trinil on Java used shells for tool production and engraving." *Nature* **518** (12 February): 228-231.
- Jopson, Barney.** 2013. "The ark builders." *Financial Review* (5 April): online text accessed 4/6/2013 (www.ft.com).
- Jordan, Albert, Eduard Torrents, Christian Jeanthon, Rolf Eliasson, Ulf Hellman, Christer Wernstedt, Jordi Barb e, Isidre Gibert, & Peter Reichard.** 1997. "B12-dependent ribonucleotide reductases from deeply rooted eubacteria are structurally related to the aerobic enzyme from *Escherichia coli*." *Proceedings of the National Academy of Sciences* **94** (9 December): 13487-13492.
- Jordan, Albert, Eduard Torrents, Irma Sala, Ulf Hellman, Isidre Gibert, & Peter Reichard.** 1999. "Ribonucleotide Reduction in *Pseudomonas* Species: Simultaneous Presence of Active Enzymes from Different Classes." *Journal of Bacteriology* **181** (July, No. 13): 3974-3980.
- Jordan, Douglas.** 2008. "'Flexibility' sought in teaching evolution." *The St. Augustine Record* (16 January): online text accessed 1/16/2008 (staugustine.com).
- Jordan, Eason.** 2012. "43%: God helps Tebow win." *Poll Position* 12 January posting (online text at pollposition.com accessed 1/21/2012).
- Jordan, I. King.** 2006. "Evolutionary tinkering with transposable elements." *Proceedings of the*

- National Academy of Sciences* **103** (23 May): 7941-7942.
- Jordan, I. King, Fyodor A. Kondrashov, Ivan A. Adzhubei, Yuri I. Wolf, Eugene V. Koonin, Alexey S. Kondrashov, & Shamil Sunyaev.** 2005. "A universal trend of amino acid gain and loss in protein evolution." *Nature* **433** (10 February): 633-638.
- . 2006. "Protein evolution: Causes of trends in amino-acid gain and loss (Reply)." *Nature* **442** (24 August): E12.
- Jordan, I. King, Leonardo Mariño-Ramirez, & Eugene V. Koonin.** 2005. "Evolutionary significance of gene expression divergence." *Gene* **345** (January): 119-126.
- Jordan, I. King, Lilya V. Matyunina, & John F. McDonald.** 1999. "Evidence for the recent horizontal transfer of long terminal repeat retrotransposon." *Proceedings of the National Academy of Sciences* **96** (26 October): 12621-12625.
- Jordan, I. King, & John F. McDonald.** 1999. "The Role of Interelement Selection in *Saccharomyces cerevisiae* Ty Element Evolution." *Journal of Molecular Evolution* **49** (September): 352-357.
- Jordan, I. King, & Wolfgang J. Miller.** 2009. "Genome Defense Against Transposable Elements and the Origins of Regulatory RNA," in Lankenau & Volff (2009, 77-94).
- Jordan, I. King, Igor B. Rogozin, Galina V. Glazko, & Eugene V. Koonin.** 2003. "Origin of a substantial fraction of human regulatory sequences from transposable elements." *Trends in Genetics* **19** (February): 68-72.
- Jordan, Jillian J., Moshe Hoffman, Paul Bloom, & David G. Rand.** 2016. "Third-party punishment as a costly signal of trustworthiness." *Nature* **530** (25 February): 473-476.
- Jordan, Jillian J., Moshe Hoffman, Martin A. Nowak, & David G. Rand.** 2016. "Uncalculating cooperation is used to signal trustworthiness." *Proceedings of the National Academy of Sciences* **113** (2 August): 8658-8663.
- Jordan, Jillian J., Katherine McAuliffe, & Felix Warneken.** 2014. "Development of in-group favoritism in children's third-party punishment of selfishness." *Proceedings of the National Academy of Sciences* **111** (2 September): 12710-12715.
- Jordan, Paul.** 1999. *Neanderthal: Neanderthal Man and the Story of Human Evolution*. Thrupp, UK: Sutton Publishing.
- Jørdan, Thomas H.** 1978. "Composition and development of the continental tectosphere." *Nature* **274** (10 August): 544-548.
- Jordana, Xavier, Nekane Marín-Moratalla, Daniel DeMiguel, Thomas M. Kaiser, & Meike Köhler.** 2012. "Evidence of correlated evolution of hypsodonty and exceptional longevity in endemic insular mammals." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 August): 3339-3346.
- Jordano, Pedro.** 2010a. "Coevolution in Multispecific Interactions among Free-Living Species." *Evolution: Education & Outreach* **3** (March): 40-46.
- . 2010b. "Pollen, seeds and genes: the movement ecology of plants." *Heredity* **105** (October): 329-330.
- Jorde, Lynn B., & Stephen P. Wooding.** 2004. "Genetic variation, classification and 'race'." *Nature Genetics* **36** (November Supplement): S28-S33.
- Jörg, Thomas, Olivier Martin, & Andreas Wagner.** 2008. "Neutral network sizes of biological RNA molecules can be computed and are not atypically small." *BMC Bioinformatics* (online @ biomedcentral.com) **9** (30 October): 464.
- Jørgensen, Bo Barker.** 2001. "Space for hydrogen." *Nature* **412** (19 July): 286, 288.
- . 2011. "Deep seafloor microbial cells on physiological standby." *Proceedings of the National Academy of Sciences* **108** (8 November): 18193-18194.
- Jørgensen, Eric M. .** 2014. "Animal evolution: Looking for the First Nervous System." *Current Biology* **24** (21 July): R655-R658.
- Jørgensen, Jes K., Cécile Favre, Suzanne E. Bisschop, Tyler L. Bourke, Ewine F. van Dishoeck, & Markus Schmalzl.** 2012. "Detection of the Simplest Sugar, Glycolaldehyde in a Solar-Type Protostar with Alma." *The Astrophysical Journal Letters* **757** (20 September): L4.
- Jörger, Katherina M., Isabella Stöger, Yasunori Kano, Hiroshi Fukuda, Thomas**

- Knebelberger, & Michael Schrödl.** 2010. “On the origin of Acochlidia and other enigmatic euthyneuran gastropods, with implications for the systematics of Heterobranchia.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **10** (25 October): 323.
- Jöris, Olaf, & Daniel S. Adler.** 2008. “Setting the record straight: Toward a systematic chronological understanding of the Middle to Upper Paleolithic boundary in Eurasia.” *Journal of Human Evolution* **55** (November): 761-763.
- Joris, Philip X., Christopher Bergevin, Radha Kalluri, Myles Mc Laughlin, Pascal Michelet, Marcel van der Heijden, & Christopher A. Shera.** 2011. “Frequency selectivity in Old-World monkeys corroborates sharp cochlear tuning in humans.” *Proceedings of the National Academy of Sciences* **108** (18 October): 17516-17520.
- Jorissen, Alain, & Corinne Cerf.** 2002. “Asymmetric Photoreactions as the Origin of Biomolecular Homochirality: A Critical Review.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **32** (April): 129-142.
- Joron, Mathieu, Lise Frezal, Robert T. Jones, Nicola L. Chamberlain, Siu F. Lee, Christoph R. Haag, Annabel Whibley, Michel Becuwe, Simon W. Baxter, Laura Ferguson, Paul A. Wilkinson, Camilo Salazar, Claire Davidson, Richard Clark, Michael A. Quail, Helen Beasley, Rebecca Glithero, Christine Lloyd, Sarah Sims, Matthew C. Jones, Jane Rogers, Chris D. Jiggins, & Richard H. ffrench-Constant.** 2011. “Chromosomal rearrangements maintain a polymorphic supergene controlling butterfly mimicry.” *Nature* **477** (8 September): 203-206.
- Jortner, Joshua.** 2006. “Conditions for the emergence of life on the early Earth: summary and reflections.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1877-1891.
- Joscelyn, Thomas.** 2011a. “Terror Strikes Norway (Updated).” *The Weekly Standard The Blog* 22 July posting (online text at www.weeklystandard.com accessed 8/2/2011).
- . 2011b. “Who Done It?” *The Weekly Standard The Blog* 22 July posting (online text at www.weeklystandard.com accessed 8/2/2011).
- . 2011c. “A ‘Lone Wolf’ Terrorist?” *The Weekly Standard The Blog* 24 July posting (online text at www.weeklystandard.com accessed 8/2/2011).
- Joscelyn, Thomas, & Bill Roggio.** 2011. “Norwegian police dismiss jihadist role in Oslo attacks.” *The Long War Journal* 22 July posting (online text at www.longwarjournal.org accessed 8/2/2011).
- José, Marco V., Tzipe Govezensky, José García, & Juan R. Bobadilla.** 2009. “On the Evolution of the Standard Genetic Code: Vestiges of Critical Scale Invariance from the RNA World in Current Prokaryote Genomes.” *PLoS ONE* (online @ plosone.org) **4** (February): e4340.
- José, Marco V., Eberto R. Morgado, Romeu Cardoso Guimarães, Gabriel S. Zamudio, Sávio Torres de Fariás, Juan R. Bobadilla, & Daniela Sosa.** 2014. “Three-Dimensional Algebraic Models of the tRNA Code and 12 Graphs for Representing the Amino Acids.” *Life* (Basel) **4** (11 August): 341-373.
- Josenhans, Christine, Kathryn A. Eaton, Tracy Thevenot, & Sebastian Suerbaum.** 2000. “Switching of Flagellar Motility in *Helicobacter pylori* by Reversible Length Variation of a Short Homopolymeric Sequence Repeat in *fljP*, a Gene Encoding a Basal Body Protein.” *Infection and Immunity* **68** (August): 4598-4603.
- Joseph, Frank.** 2011. “Armenian Stonehenge Confounds Scholars.” *Barnes Review* (July/August): 4-11.
- Joseph, Lawrence E.** 2012. *Solar Cataclysm: How the Sun Shaped the Past and What We Can Do to Save Our Future*. New York: HarperOne (HarperCollins).
- Joseph, R.** 2001. “The Limbic System and the Soul: Evolution and the Neuroanatomy of Religious Experience.” *Zygon* **36** (March): 105-136.
- Joseph, Rhawn, & N. Chandra Wickramasinghe.** 2011. “Genetics Indicates Extra-terrestrial Origins for Life: The First Gene.” *Journal of Cosmology* (November) posting (online text at journalofcosmology.com accessed 9/30/2013).
- Josephides, Christos, & Alan M. Moses.** 2011. “Modeling the evolution of a classic genetic

- switch.” *BMC Systems Biology* (online @ biomedcentral.com) **5** (5 February): 24.
- Josephs, Emily B., Young Wha Lee, John R. Stinchcombe, & Stephen I. Wright.** 2015. “Association mapping reveals the role of purifying selection of genomic variation in gene expression.” *Proceedings of the National Academy of Sciences* **112** (15 December): 15390-15395.
- Joshi, Prakash C., Michael F. Aldersley, & James P. Ferris.** 2013. “Prebiotic RNA synthesis: significance of mineral salts in montmorillonite-catalyzed reactions.” *Journal of Biomolecular Structure & Dynamics Book of Abstracts Albany 2013: The 18th Conversation* (11-15 June): 5-6.
- Joshi, Prakash C., Stefan Pitsch, & James P. Ferris.** 2007. “Selectivity of montmorillonite catalyzed prebiotic reactions of D, L-nucleotides.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (February): 3-26.
- Joshua-Tor, Leemor, & Gregory J. Hannon.** 2011. “Ancestral Roles of Small RNAs: An Ago-Centric Perspective.” *Cold Spring Harbor Perspectives in Biology* **3** (October): a003772.
- Jost, John J., Jack Glaser, Arie Kruglanski, & Frank J. Sulloway.** 2003. “Political Conservatism as Motivated Social Cognition.” *Psychological Bulletin* **129** (May): 339-375.
- Jost, Manda Clair, David M. Hillis, Ying Lu, John W. Kyle, Harry A. Fozzard, & Harold H. Zakon.** 2008. “Toxin-Resistant Sodium Channels: Parallel Adaptive Evolution across a Complete Gene Family.” *Molecular Biology and Evolution* **25** (June): 1016-1024.
- Jost, Timothy Stoltzfus.** 2013. “Religious Freedom and Women’s Health—The Litigation on Contraception.” *The New England Journal of Medicine* **368** (3 January): 4-6.
- Jostins, Luke, Joseph K. Pickrell, Daniel G. MacArthur, & Jeffrey C. Barrett.** 2012. “Misuse of hierarchical linear models overstates the significance of a reported association between OXTR and prosociality.” *Proceedings of the National Academy of Sciences* **109** (1 May): E1048.
- Joubert, Callie.** 2011a. “Created Kinds and Essential Natures: A Biblical and Philosophical Response to Evolutionists.” *Answers in Genesis Answers Research Journal* **4**: 103-112.
- . 2011b. “Emergentism and the Rejection of Spirit Entities: A Response to Christian Physicalists.” *Answers in Genesis Answers Research Journal* **4**: 113-125.
- . 2011c. “Adam, Free Choice, and the Cause of Sin: A Creationist Response to a Christian Evolutionist.” *Answers in Genesis Answers Research Journal* **4**: 185-194.
- . 2011d. “What Makes Us Human, and Why It Is Not the Brain: A Creationist Defense of the Soul.” *Answers in Genesis Answers Research Journal* **4**: 217-232.
- . 2012. “Can Theistic Evolutionism Explain the Origin of Morality? A Young-Earth Creationist Response.” *Answers in Genesis Answers Research Journal* **5**: 25-32.
- . 2014a. “A Christian Response to the Crisis in Psychiatry.” *Answers in Genesis Answers Research Journal* **7**: 173-187.
- . 2014b. “Christians, the Brain, and Person: Conceptual Confusion, Unintelligibility, and Implications.” *Answers in Genesis Answers Research Journal* **7**: 189-204.
- . 2014c. “Scientific Evidence Indicates Natural Selection and Brain-Based Education Conflict with Human Nature.” *Answers in Genesis Answers Research Journal* **7**: 387-402.
- Joughin, Ian, Richard P. Alley, & David M. Holland.** 2012. “Ice-Sheet Responses to Oceanic Forcing.” *Science* **338** (30 November): 1172-1176.
- Joughin, Ian, Benjamin E. Smith, & Brooke Medley.** 2014. “Marine Ice Sheet Collapse Potentially Under Way for the Thwaites Glacier Basin, West Antarctica.” *Science* **344** (16 May): 735-738.
- Jourdan, Fred, Darren F. Mark, & Chrystele Verati.** 2014. “Advances in ⁴⁰Ar/³⁹Ar dating: from archaeology to planetary sciences—introduction.” *Geological Society, London, Special Publications* **378**: 1-8.
- Journo, Elan.** 2014. “The Ayn Rand Factor: Who is David Brat?” *Ayn Rand Institute Voices for Reason* 12 June (online text at ari.aynrand.org accessed 6/15/2014).
- Jousimo, Jussi, Ayco J. M. Tack, Otso Ovaskainen, Tommi Mononen, Hanna Susi, Charlotte Tollenaere, & Anna-Liisa Laine.** 2014. “Ecological and evolutionary effects of fragmentation on infectious disease dynamics.” *Science* **344** (13 June): 1289-1293.

- Jovanovic, Dragana.** 2012. "Vampire Threat Terrorizes Serbian Village." *ABC News* 29 November posting (online text at abcnews.go.com accessed 12/1/2012).
- Jovanovic, Marko, Michael S. Rooney, Philipp Mertins, Dariusz Przybylski, Nicolas Chevrier, Rahul Satija, Edwin H. Rodriguez, Alexander P. Fields, Schraga Schwartz, Raktima Raychowdhury, Maxwell R. Mumbach, Thomas Eisenhaure, Michal Rabani, Dave Gennert, Diana Lu, Toni Delorey, Jonathan S. Weissman, Steven A. Carr, Nir Hacohen, & Aviv Regev.** 2015. "Dynamic profiling of the protein life cycle in response to pathogens." *Science* **347**: 1259038 (online at sciencemag.org).
- Jowett, Benjamin.** 1860. "On the Interpretation of Scripture," in Parker (1860, 330-433).
- Joy, Deirdre A., Xiaorong Feng, Jianbing Mu, Tetsuya Furuya, Kesinee Chotivanich, Antoniana U. Krettli, May Ho, Alex Wang, Nicholas J. White, Edward Suh, Peter Beerli, & Xin-zhuan Su.** 2003. "Early Origin and Recent Expansion of *Plasmodium falciparum*." *Science* **300** (11 April): 318-321.
- Joyce, Bradley R., Sherry F. Queener, Ronald C. Wek, & William J. Sullivan Jr.** 2010. "Phosphorylation of eukaryotic initiation factor-2 α promotes the extracellular survival of obligate intracellular parasite *Toxoplasma gondii*." *Proceedings of the National Academy of Sciences* **107** (5 October): 17200-17205.
- Joyce, Gerald F.** 1997. "Evolutionary Chemistry: Getting There from Here." *Science* **276** (13 June): 1658-1659.
- . 1998. "Nucleic acid enzymes: Playing with a fuller deck." *Proceedings of the National Academy of Sciences* **95** (26 May): 5845-5847.
- . 2000. "Ribozyme Evolution at the Crossroads." *Science* **289** (21 July): 401-402.
- . 2002. "The antiquity of RNA-based evolution." *Nature* **418** (11 July): 214-221.
- . 2007. "A Glimpse of Biology's First Enzyme." *Science* **315** (16 March): 1507-1508.
- . 2009. "Evolution in an RNA World." *Cold Spring Harbor Symposia on Quantitative Biology* **74**: 17-23.
- . 2012. "Toward an Alternative Biology." *Science* **336** (20 April): 307-308.
- Joyce, G. F., G. M. Visser, C. A. van Boeckel, J. H. van Boom, L. E. Orgel, & J. Westrenen.** 1984. "Chiral selection in poly(C)-directed synthesis of oligo(G)." *Nature* **310** (16 August): 602-604.
- Joyce, Kathryn.** 2010a. "Can Mormon Glenn Beck Unite the Christian Right?" *Religion Dispatches* 20 September posting (online text at religiondispatches.org accessed 9/20/2010).
- . 2010b. "At Claremont Institute, Christine O'Donnell Was Taught ABCs of Homophobia." *The Nation* (12 October): online text accessed 4/13/2014 (thenation.com).
- Joyce, Rosemary.** 2012. "Neanderthal Art?" *What Makes Us Human* posting 7 February (online text at psychologytoday.com accessed 7/24/2014).
- Joyce, Walter G., Spencer G. Lucas, Torsten M. Scheyer, Andrew B. Heckert, & Adrian P. Hunt.** 2009. "A thin-shelled reptile from the Late Triassic of North America and the origin of the turtle shell." *Proceedings of the Royal Society of London B (Biological Sciences)* **276** (7 February): 507-513.
- Joyce, Walter G., Márton Rabi, James M. Clark, & Xing Xu.** 2016. "A toothed turtle from the Late Jurassic of China and the global biogeographic history of turtles." *BMC Evolutionary Biology* (online @ biomedcentral.com) **16** (December): 236.
- Joyce, Walter G., Rainer R. Schoch, & Tyler R. Lyson.** 2013. "The girdles of the oldest fossil turtle, *Proterochersis robusta*, and the age of the turtle crown." *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (6 December): 266.
- Joyner, Alexander H., J. Roddey Cooper, Cinnamon S. Boss, Trygve E. Bakken, Lars M. Rimol, Ingrid Melle, Ingrid Agartz, Srdjan Djurovic, Eric J. Topol, Nicholas J. Schork, Ole A. Andreassen, & Anders M. Dale.** 2009. "A common MECP2 haplotype associates with reduced cortical surface area in humans in two independent populations." *Proceedings of the National Academy of Sciences* **106** (8 September): 15483-15488.
- Joyner, James.** 2010. "John Patrick Bedell: RIGHT Wing Extremist?!" *Outside the Beltway* 6 March posting (online text at www.outsidethebeltway.com accessed 8/11/2011).

- Joysey, Kenneth Alan, & A. E. Friday**, eds. 1982. *Problems of Phylogenetic Reconstruction*. The Systematics Association Special Volume 21. London: Academic Press.
- Joysey, K. A., & T. S. Kemp**. 1972. *Studies in Vertebrate Evolution: Essays Presented to F. R. Parrington*. Edinburgh: Oliver & Boyd.
- Jozwiakowski, Stanislaw K., Fatimah Borazjani Gholami, & Aidan J. Doherty**. 2015. "Archaeal replicative primases can perform translesion DNA synthesis." *Proceedings of the National Academy of Sciences* **112** (17 February): E633-E638.
- Juan, David, Florencio Pazos, & Alfonso Valencia**. 2008. "High-confidence prediction of global interactomes based on genome-wide coevolutionary networks." *Proceedings of the National Academy of Sciences* **105** (22 January): 934-939.
- Juárez, Katy, Humberto Flores, Sonia Dávila, Leticia Olvera, Víctor González, & Enrique Morett**. 2000. "Reciprocal domain evolution within a transactivator in a restricted sequence space." *Proceedings of the National Academy of Sciences* **97** (28 March): 3314-3318.
- Juarez Rivera, Marisol, & Dawn Y. Sumner**. 2014. "Unraveling the three-dimensional morphology of Archean microbialites." *Journal of Paleontology* **88** (July): 719-726.
- Juby, Ian**. 2008. "Responding to the skeptics, part I." *Ian Juby's Home Page* posting for 30 August (online text via ianjuby.org accessed 7/29/2010).
- . 2013. "May 1, 2013 CrEvo Newsletter with Ian Juby and CORE Ottawa." *Ian Juby's Home Page* newsletter posting (online text via ianjuby.org accessed 7/28/2014).
- Juckel, Georg, Florian Schlagenhaut, Michael Koslowski, Torsten Wüstenberg, Arno Villringer, Brian Knutson, Jana Wrase, & Andreas Heinz**. 2006. "Dysfunction of ventral striatal reward prediction in schizophrenia." *NeuroImage* **29** (15 January): 409-416.
- Jucker, Mathias, & Lary C. Walker**. 2013. "Self-propagation of pathogenic protein aggregates in neurodegenerative diseases." *Nature* **501** (5 September): 45-51.
- Jud, Nathan A.** 2015. "Fossil evidence for a herbaceous diversification of early eudicot angiosperms during the Early Cretaceous." *Proceedings of the Royal Society of London B (Biological Sciences)* **282** (7 September): 20151045.
- Judah, J. Stillson**. 1974. *Hare Krishna and the Counterculture*. New York: Wiley-Interscience.
- Judd, Walter S., & Kathleen A. Kron**. 1993. "Circumspection of Ericaceae (Ericales) as determined by preliminary cladistic analyses based on morphological, anatomical, and embryological features." *Brittonia* **45** (April-June): 99-114.
- Judge, Debra S., & James R. Carey**. 2000. "Postreproductive Life Predicted by Primate Patterns." *The Journals of Gerontology Series A (Biological Sciences and Medical Sciences)* **55** (April): B201-B209.
- Judicial Watch*. 2013. "Defense Department Teaching Documents Suggest Mainstream Conservative Views 'Extremist'." *Judicial Watch* 22 August posting (online text at www.judicialwatch.org accessed 8/28/2013).
- Judson, Olivia**. 2002. *Dr. Tatiana's Sex Advice to All Creation*. New York: Metropolitan Books (Henry Holt & Co.).
- . 2017. "The energy expansions of evolution." *Nature Ecology & Evolution* (online @ www.nature.com/natecolevol) **1** (28 April): 0138.
- Judson, Olivia P., & Daniel Haydon**. 1999. "The Genetic Code: What Is It Good For? An Analysis of the Effects of Selection Pressures on Genetic Codes." *Journal of Molecular Evolution* **49** (November): 539-550.
- Judson, Olivia P., & Benjamin B. Normark**. 1996. "Ancient asexual scandals." *Trends in Ecology & Evolution* **11** (February): 41-46.
- Juergensmeyer, Mark**. 2011. "Is Norway's Suspected Murderer Anders Breivik a Christian Terrorist?" *Religion Dispatches* 24 July posting (online text at religiondispatches.org accessed 7/25/2011).
- . 2012. "Christian Terrorism Comes to Milwaukee." *Religion Dispatches* 6 August posting (online text at religiondispatches.org accessed 8/6/2012).
- . 2013. "Don't Blame Religion for Boston Bombings." *Religion Dispatches* 22 April (online text at religiondispatches.org accessed 4/29/2013).

- . 2015a. “Religion Was Not the Reason For the Paris Attacks.” *Religion Dispatches* 9 January (online text at religiondispatches.org accessed 1/14/2015).
- . 2015b. “Why I Boycotted A Conference At Brigham Young University.” *Religion Dispatches* 7 October (online text at religiondispatches.org accessed 10/10/2015).
- . 2016. “What Did ISIS Have To Do With Nice?” *Religion Dispatches* 15 July (online text at religiondispatches.org accessed 7/20/2016).
- Juge, Narinobu, Sawako Moriyama, Takaaki Miyaji, Mamiyo Kawakami, Haruka Iwai, Tomoya Fukui, Nathan Nelson, Hiroshi Omote, & Yoshinori Moriyama.** 2015. “*Plasmodium falciparum* chloroquine resistance transporter is a H⁺-coupled polyspecific nutrient and drug exporter.” *Proceedings of the National Academy of Sciences* **112** (17 March): 3356-3361.
- Juhayman, Abu.** 2010. “Evolution—Fact or Fiction?” *Supporters of Sunnah* posting (online text at supportersofsunnah.com accessed 4/25/2010).
- Jukes, Thomas H.** 1986. “Inadvertent Support of Evolution by Its Opponents.” *Creation/Evolution* **6** (Summer): 42-43.
- Julian, Glennis E., Jennifer H. Fewell, Jürgen Gadau, Robert A. Johnson, & Debbie Larrabee.** 2002. “Genetic determination of the queen caste in an ant hybrid zone.” *Proceedings of the National Academy of Sciences* **99** (11 June): 8157-8160.
- Juliano, Nick.** 2008. “Senior McCain advisor helped arrange Rev. Moon coronation.” *The Raw Story* 9 May posting (online text at www.rawstory.com accessed 9/17/2012).
- Julias, Margaret, Helen M. Buettner, & David I. Shreiber.** 2011. “Varying Assay Geometry to Emulate Connective Tissue Planes in an *In Vitro* Model of Acupuncture Needling.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **294** (February): 243-252.
- Julio, Eric, Priyamvada Natarajan, Jean-Paul Kneib, Anson D’Aloisio, Marceau Limousin, Johan Richard, & Carlo Schmid.** 2010. “Cosmological Constraints from Strong Gravitational Lensing in Clusters of Galaxies.” *Science* **329** (20 August): 924-927.
- Jull, A. J. Timothy.** 2006. “Terrestrial Ages of Meteorites,” in Laurretta & McSween (2006, 889-905). pdf
- Jull, A. J. T., D. L. Barker, & D. L. Donahue.** 1987. “On the ¹⁴C content in radioactive ores.” *Chemical Geology (Isotope Geoscience section)* **66** (25 November): 35-40.
- Jull, A. J. T., C. Courtney, D. A. Jeffrey, & J. W. Beck.** 1998. “Isotopic Evidence for a Terrestrial Source of Organic Compounds Found in Martian Meteorites Allan Hills 84001 and Elephant Moraine 79001.” *Science* **279** (16 January): 366-369.
- Jun, Jin, Paul Ryvkin, Edward Hemphill, Ion Măndoiu, & Craig Nelson.** 2008. “Estimating the Relative Contributions of New Genes from Retrotransposition and Segmental Duplication Events During Mammalian Evolution.” *Proceedings of the International Workshop on Comparative Genomics* **5267** (Lecture Notes in Bioinformatics): 40-54.
- Jun, Youjung, Rachel Meng, & Gita Venkataramani Johar.** 2017. “Perceived social pressure reduces fact-checking.” *Proceedings of the National Academy of Sciences* **114** (6 June): 5976-5981.
- Jung, Han-Sung, Philippa H. Francis-West, Randall B. Widelitz, Ting-Xin Jiang, Sheree Ting-Berreth, Cheryll Tickle, Lewis Wolpert, & Cheng-Ming Chuong.** 1998. “Local Inhibitory Action of BMPs and Their Relationships with Activators in Feather Formation: Implications for Periodic Patterning.” *Developmental Biology* **196** (1 April): 11-23.
- Jung, Kiju, Sharon Shavitt, Madhu Viswanathan, & Joseph M. Hilbe.** 2014a. “Female hurricanes are deadlier than male hurricanes.” *Proceedings of the National Academy of Sciences* **111** (17 June): 8782-8787.
- . 2014b. “Reply to Christensen and Christensen and to Malter: Pitfalls of erroneous analyses of hurricanes names.” *Proceedings of the National Academy of Sciences* **111** (26 August): E3499-E3500.
- . 2014c. “Reply to Maley: Yes, appropriate modeling of fatality counts confirms female hurricanes are deadlier.” *Proceedings of the National Academy of Sciences* **111** (16 September): E3835.

- . 2014d. “Reply to Bakkensen and Larson: Population may matter but does not alter conclusions.” *Proceedings of the National Academy of Sciences* **111** (16 December): E5333.
- Jung, Un Sung, & David E. Levin.** 1999. “Genome-wide analysis of gene expression regulated by the yeast cell wall integrity signalling pathway.” *Molecular Microbiology* **34** (December): 1049-1057.
- Jung, Yi-Deum, Kung Ahn, Yun-Ji Kim, Jin-Han Bae, Ja-Rang Lee, & Heui-Soo Kim.** 2013. “Retroelements: molecular features and implications for disease.” *Genes & Genetic Systems (AKA Japanese Journal of Genetics)* **88**: 31-43.
- Junge, Wolfgang, & Daniel J. Müller.** 2011. “Seeing a Molecular Motor at Work.” *Science* **333** (5 August): 704-705.
- Jungers, W. L., W. E. H. Harcourt-Smith, R. E. Wunderlich, M. W. Tocheri, S. G. Larson, T. Sutikna, Rhokus Awe Due, & M. J. Morwood.** 2009. “The foot of *Homo floresiensis*.” *Nature* **459** (7 May): 81-84.
- Jungers, W. L., S. G. Larson, W. Harcourt-Smith, M. J. Morwood, T. Sutikna, Rhokus Due Awe, & T. Djubiantono.** 2009. “Descriptions of the lower limb skeleton of *Homo floresiensis*.” *Journal of Human Evolution* **57** (November): 538-554.
- Junk, Sarah.** 2008. “Religious Leaders Defend Moon’s Capitol Hill Coronation.” Cybercast (formerly Conservative) New Service *CNSnews* 7 July posting (online text at *cnsnews.com* accessed 9/17/2012).
- Junker, Thomas, & Uwe Hofffeld.** 2002. “The Architects of the Evolutionary Synthesis in National Socialist Germany: Science and Politics.” *Biology and Philosophy* **17** (March): 223-249.
- Juodaitis, Thomas W.** 2008. “Antichrist Is Coming, April 15, 2008.” *The Trinity Review* (March-April): 1-12.
- Jurand, A., & Louise B. Preer.** 1969. “Ultrastructure of Flagellated Lambda Symbionts in *Paramecium aurelia*.” *Journal of General Microbiology* **54** (December): 359-364.
- Jürgens, Catharina, Alexander Strom, Dennis Wegener, Stefan Hettwer, Matthias Wilmanns, & Reinhard Sterner.** 2000. “Directed evolution of a ($\beta\alpha$)₈-barrel enzyme to catalyze related reactions in two different metabolic pathways.” *Proceedings of the National Academy of Sciences* **97** (29 August): 9925-9930.
- Jurica, Melissa S., & Melissa J. Moore.** 2003. “Pre-mRNA Splicing: Awash in a Sea of Proteins.” *Molecular Cell* **12** (July): 5-14.
- Jurka, Jerzy, Oleksiy Kohany, Adam Pavlicek, Vladimir V. Kapitonov, & Michael V. Jurka.** 2004. “Duplication, coclustering, and selection of human Alu retrotransposons.” *Proceedings of the National Academy of Sciences* **101** (3 February): 1268-1272.
- Just, Jean, Reinhardt Møbjerg Kristensen, & Jørgen Olesen.** 2014. “*Dendrogramma*, New Genus, with Two New Non-Bilaterian Species from the Marine Bathyal of Southeastern Australia (Animalia, Metazoa *incertae sedis*)—with Similarities to Some Medusoids from the Precambrian Ediacara.” *PLoS ONE* (online @ *plosone.org*) **9** (September): e102976.
- Just, Rebecca S., Jodi A. Irwin, & Walther Parson.** 2014. “Questioning the prevalence and reliability of human mitochondrial DNA heteroplasmy from massively parallel sequencing data.” *Proceedings of the National Academy of Sciences* **111** (28 October): E4546-E4547.
- Juste, Javier, Petr Benda, Juan Luis Garcia-Mударра, & Carlos Ibáñez.** 2013. “Phylogeny and systematics of Old World serotine bats (genus *Eptesicus*, Vespertilionidae, Chiroptera): an integrative approach.” *The Norwegian Academy of Science and Letters Zoologica Scripta* **42** (September): 441-457.
- Just For Kids.* 2012a. “The Creation Day One.” *Just For Kids Magazine* January posting (online text at *www.just4kidsmagazine.com* accessed 12/23/2013).
- . 2012b. “Creation Days Two to Four.” *Just For Kids Magazine* January posting (online text at *www.just4kidsmagazine.com* accessed 12/23/2013).
- . 2012c. “Creation Days Five to Seven.” *Just For Kids Magazine* January posting (online text at *www.just4kidsmagazine.com* accessed 12/23/2013).
- Justification by reason.** 2012. “Evolutionary stasis?—Change and abruptness.” *Justification by*

- reason* 8 December posting (online text at *justificationbyreason.wordpress.com* accessed 10/19/2013).
- Just Natural Life*. 2016. "NASA Found That Everything the Bible Says Is True!" *Just Natural Life* 27 April posting (online text at *www.justnaturallife.com* accessed 6/2/2016).
- Jusufi, Ardian, Yu Zeng, Robert J. Full, & Robert Dudley.** 2011. "Aerial Righting Reflexes in Flightless Animals." *Integrative and Comparative Biology* (AKA *American Zoologist*) **51** (December): 937-943.
- Jutras, Michael J., & Elizabeth A. Buffalo.** 2010. "Recognition memory signals in the macaque hippocampus." *Proceedings of the National Academy of Sciences* **107** (5 January): 401-406.
- Jutzi, M., & E. Asphaug.** 2011. "Forming the lunar farside highlands by accretion of a companion moon." *Nature* **476** (4 August): 69-72.
- Jwang, Biru, Phoebe Dewing, Erol Fikrig, & Richard A. Flavell.** 1995. "The Hook Protein of *Borrelia burgdorferi*, Encoded by the *flgE* Gene, Is Serologically Recognized in Lyme Disease." *Clinical and Diagnostic Laboratory Immunology* **2** (September): 609-615.

- Kääb, Andreas, Etienne Berthier, Christopher Nuth, Julie Gardelle, & Yves Arnaud.** 2012. “Contrasting patterns of early twenty-first-century glacier mass change on the Himalayas.” *Nature* **488** (23 August): 495-498.
- Kaas, Jon H.** 2004. “Evolution of Somatosensory and Motor Cortex in Primates.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1148-1156.
- . 2012. “Evolution of columns, modules, and domains in the neocortex of primates.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10655-10660.
- . 2013. “The Evolution of Brains from Early Mammals to Humans.” *Wiley Interdisciplinary Reviews: Cognitive Science* **4** (January): 35-38.
- Kaasalainen, Ulla, David P. Fewer, Jouni Jokela, Matti Wahlsten, Kaarina Sivonen, & Jouko Rikkinen.** 2012. “Cyanobacteria produce a high variety of hepatotoxic peptides in lichen symbiosis.” *Proceedings of the National Academy of Sciences* **109** (10 April): 5886-5891.
- Kabadayi, Can, & Mathias Osvath.** 2017. “Ravens parallel great apes in flexible planning for tool-use.” *Science* **357** (14 July): 202-204.
- Kabay, M. E.** 2005. “Science and Non-Science: An Epistemological Conflict.” *Talk Reason* updated November posting (online text at talkreason.org accessed 4/10/2006).
- Kabbany, Jennifer.** 2001. “‘Intelligent Design’ Theory is not Creationism.” *FrontPage Magazine* 23 August posting (online text at archive.frontpagemag.com accessed 7/28/2014).
- . 2014. “LAWSUIT: University Fired Scientist For Finding Soft Tissue on Dinosaur Horn.” *The College Fix* 25 July posting (online text at www.thecollegefix.com accessed 7/28/2014).
- Kabnick, Karen S., & Debra A. Peattie.** 1991. “*Giardia*: A Missing Link between Prokaryotes and Eukaryotes.” *American Scientist* **79** (January-February): 34-43.
- Kacelnik, Alex.** 2009. “Tools for thought or thoughts for tools?” *Proceedings of the National Academy of Sciences* **106** (23 June): 10071-10072.
- Kachel, A. Friederike, L. S. Premo, & Jean-Jacques Hublin.** 2011a. “Grandmothering and natural selection.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 February): 384-391.
- . 2011b. “Grandmothering and natural selection revisited.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 July): 1939-1941.
- Kachroo, Aashiq H., Jon M. Laurent, Christopher M. Yellman, Austin G. Meyer, Claus O. Wilke, & Edward M. Marcotte.** 2015. “Systematic humanization of yeast genes reveals conserved functions and genetic modularity.” *Science* **348** (22 May): 921-925.
- Kacprzak, Glenn G.** 2011. “The Pristine Universe.” *Science* **334** (2 December): 1216-1217.
- Kaczanowski, Szymon, Mohammed Sajid, & Sarah E. Reece.** 2017. “Evolution of apoptosis-like programmed cell death in unicellular protozoan parasites.” *Parasites & Vectors* (online @ parasitesandvectors.com) **4** (March): 44.
- Kaczmarek, Stephen E., & Duncan F. Sibley.** 2011. “On the evolution of dolomite stoichiometry and cation order during high-temperature synthesis experiments: An alternative model for the geochemical evolution of natural dolomites.” *Sedimentary Geology* **240** (15 August): 30-40.
- Kaczynski, Andrew.** 2015. “Carson On Secret Service: ‘I’m In Great Danger’ Because I Challenge ‘Secular Progressive Movement’.” *BuzzFeed News* 22 October posting (online text at www.buzzfeed.com accessed 10/23/2015).
- Kaczynski, Andrew, & Chris Massie.** 2017. “Trump Army secretary pick gave a lecture arguing against the theory of evolution.” *CNN* posting updated 2 May (online text at www.cnn.com accessed 5/3/2017).
- Kad, Neil M., & Bennett Van Houten.** 2016. “Clamping down on copy errors.” *Nature* **539** (24 November): 498-499.
- Kadanoff, Leo P.** 2003. “Intelligent Design and Complexity Research. An Essay and Book Review of the Book: *No Free Lunch: Why Specified Complexity Cannot be Purchased*

- without Intelligence, William A. Dembski, 429 pp., Roman and Littlefield, 2002.” *Journal of Statistical Physics* **110** (January): 451-455.
- . 2014. “Innovations in Statistical Physics V1.1.” *The University of Vermont* posting of 26 March lecture text (online pdf at www.uvm.edu accessed 8/22/2014).
- Kaddour, Hussein, & Nita Sahai.** 2014. “Synergism and Mutualism in Non-Enzymatic RNA Polymerization.” *Life* (online @ www.mdpi.com) **4** (November): 598-620.
- Kaddour, Hussein, Jacques Vergne, Guy Hervé, & Marie-Christine Maurel.** 2011. “High-pressure analysis of a hammerhead ribozyme from *Chrysanthemum* chlorotic mottle viroid reveals two different populations of self-cleaving molecule.” *Federation of European Biochemical Societies FEBS Journal* **278** (October): 3739-3747.
- Kadonaga, James T.** 1998. “Eukaryotic Transcription: An Interlocked Network of Transcription Factors and Chromatin-Modifying Machines.” *Cell* **92** (6 February): 307-313.
- Kadyrov, Farid A., Jochen Genschel, Yanan Fang, Elisabeth Penland, Winfried Edelmann, & Paul Modrich.** 2009. “A possible mechanism for exonuclease 1-independent eukaryotic mismatch repair.” *Proceedings of the National Academy of Sciences* **106** (26 May): 8495-8500.
- Kaelin, Christopher B., Xiao u, Lewis Z. Hong, Victor A. David, Kelly A. McGowan, Anne Schmidt-Küntzel, Melody E. Roelke, Javier Pino, Joan Pontius, Gregory M. Cooper, Hermogenes Manuel, William F. Swanson, Laurie Marker, Cindy K. Harper, Ann van Dyk, Bisong Yue, James C. Mullikin, Wesley C. Warren, Eduardo Eizirik, Lidia Kos, Stephen J. O’Brien, Gregory S. Barsh, & Marilyn Menotti-Raymond.** 2012. “Specifying Pigmentation Patterns in Domestic and Wild Cats.” *Science* **337** (21 September): 1536-1541.
- Kaessmann, Henrik.** 2009. “More Than Just a Copy.” *Science* **325** (21 August): 958-959.
- . 2010. “Origins, evolution, and phenotypic impact of new genes.” *Genome Research* **20** (October): 1313-1326.
- Kaessmann, Henrik, Nicolas Vinckenbosch, & Manyuan Long.** 2009. “RNAs-based gene duplication: mechanistic and evolutionary insights.” *Nature Reviews Genetics* **10** (January): 19-31.
- Kaestner, Anne.** 1996. “The Bible vs. Uniformitarianism.” *Christian Newsletter of Bible Believers Fellowship* posting *The Good News Letter* (February) article (online text at www.prisonministry.org accessed 1/8/2002, not available as of 11/8/2014).
- Kaeuffer, Renaud, David W. Coltman, Jean-Louis Chapuis, Dominique Pontier, & Denis Réale.** 2007. “Unexpected heterozygosity in an island mouflon population founded by a single pair of individuals.” *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (22 February): 527-533.
- Kafle, Prajwal Raj, Sanjib Sharma, Geraint F. Lewis, & Joss Bland-Hawthorn.** 2014. “On the Shoulders of Giants: Properties of the Stellar Halo and the Milk Way Mass Distribution.” *The Astrophysical Journal* **794** (10 October): 59.
- Kafri, Ran, Omer Markovitch, & Doron Lancet.** 2010. “Spontaneous chiral symmetry breaking in early molecular networks.” *Biology Direct* (online @ biomedcentral.com) **5** (27 May): 38.
- Kagan, Neil, & Stephen G. Hyslop.** 2006. *Eyewitness to the Civil War: The Complete History From Succession To Reconstruction*. Washington, DC: National Geographic.
- Kagan, Shelly.** 2011. “Unclear Implications: Commentary on Norton and Ariely (2011).” *Perspectives on Psychological Science* **6** (January): 17-18.
- Kagawa, H., Y. Sakurai, R. Horiuchi, Y. Kazeto, K. Gen, H. Imaizumi, & Y. Masuda.** 2013. “Mechanism of oocyte maturation and ovulation and its application to seed production in the Japanese eel.” *Fish Physiology and Biochemistry* **39** (February): 13-17.
- Kagaya, Katsushi, & Masakazu Takahata.** 2011. “Sequential Synaptic Excitation and Inhibition Shape Readiness Discharge for Voluntary Behavior.” *Science* **332** (15 April): 365-368.
- Kahan, Dan M.** 2011. “The Supreme Court 2010 Term—Foreward: Neutral Principles, Motivated Cognition, and Some Problems for Constitutional Law.” *Harvard Law Review*

- 125 (November): 1-78.
- . 2012. “Why we are poles apart on climate change.” *Nature* **488** (16 August): 255.
- . 2014. “What accounts for public conflict over science—religiosity or political predispositions? Here are some data: you declare the winner in this RAT vs. CAT fight.” Yale Law School *The Cultural Cognition Project* 10 November posting (online text at www.culturalcognition.net accessed 11/11/2014).
- . 2016. “The (non)relationship between ‘believing in’ evolution and being engaged in evolutionary science.” Yale Law School *The Cultural Cognition Project* 11 January posting (online text at www.culturalcognition.net accessed 1/13/2016).
- Kahan, Dan M., Donald Braman, John Monahan, Lisa Callahan, & Ellen Peters.** 2010. “Cultural Cognition and Public Policy: The Case of Outpatient Commitment Laws.” *Law and Human Behavior* **34** (April): 118-140.
- Kahan, Dan M., Hank Jenkins-Smith, & Donald Braman.** 2011. “Cultural Cognition of Scientific Consensus.” *Journal of Risk Research* **14** (2): 147-174.
- Kahan, Dan M., Ellen Peters, Maggie Wittlin, Paul Slovic, Lisa Larrimore Ouellette, Donald Braman, & Gregory Mandel.** 2012. “The polarizing impact of science literacy and numeracy on perceived climate change risks.” *Nature Climate Change* **2** (October): 732-735.
- Kahlenberg, Sonya M., & Richard W. Wrangham.** 2010. “Sex differences in chimpanzees’ use of sticks as play objects resemble those of children.” *Current Biology* **20** (21 December): R1067-R1068.
- Kahlig, Kristopher M., Sai K. Saridey, Aparna Kaja, Melissa A. Daniels, Alfred L. George Jr., & Matthew H. Wilson.** 2010. “Multiplexed transposon-mediated stable gene transfer in human cells.” *Proceedings of the National Academy of Sciences* **107** (26 January): 1343-1348.
- Kahmann, Jan D., Diana A. Wecking, Vera Putter, Ky Lowenhaupt, Yang-Gyun Kim, Peter Schmieder, Hartmut Oschkinat, Alexander Rich, & Markus Schade.** 2004. “The solution structure of the N-terminal domain of E3L shows a tyrosine conformation that may explain its reduced affinity to Z-DNA *in vitro*.” *Proceedings of the National Academy of Sciences* **101** (2 March): 2712-2717.
- Kahnt, Thorsten, Jakob Heinze, Soyounq Q Park, & John-Dylan Haynes.** 2010. “The neural code of reward anticipation in human orbitofrontal cortex.” *Proceedings of the National Academy of Sciences* **107** (30 March): 6010-6015.
- Kahnt, Thorsten, Soyounq Q Park, John-Dylan Haynes, & Philippe N. Tobler.** 2014. “Molecular dissection of the evolution of carbapenem-resistant multilocus sequence type 258 *Klebsiella pneumoniae*.” *Proceedings of the National Academy of Sciences* **111** (1 April): 4988-4993.
- Kaifu, Yousuke, Reiko T. Kono, Thomas Sutikna, Emanuel Wahyu Saptomo, Jatmiko, & Rokus Due Awe.** 2015. “Unique Dental Morphology of *Homo floresiensis* and Its Evolutionary Implications.” *PLoS ONE* (online @ plosone.org) **10** (November): e0141614.
- Kaim, Andrzej.** 2002. “Gradual evolution of the Early Cretaceous marine gastropod *Rissoina* lineage in central Poland.” *Acta Palaeontologica Polonica* **47** (4): 667-672.
- Kaimatai.** 2015. “Embryology and the Qur’an.” *Another Atheist* 4 January posting (online text at kaimatai.blogspot.co.nz accessed 1/10/2015).
- Kainz, Franz, Ben Ewen-Campen, Michael Akam, & Cassandra G. Extavour.** 2011. “Notch/Delta signalling is not required for segment generation in the basally branching insect *Gryllus bimaculatus*.” *Development (AKA Journal of Embryology and Experimental Morphology)* **138** (15 November): 5015-5026.
- Kairies, Norman, Hans-Georg Beisel, Pablo Fuentes-Prior, Ryoko Tsuda, Tatsushi Muta, Sadaaki Iwanaga, Wolfram Bode, Robert Huber, & Shun-ichiro Kawabata.** 2001. “The 2.0-Å crystal structure of tachylectin 5A provides evidence for the common origin of the innate immunity and the blood coagulation systems.” *Proceedings of the National Academy of Sciences* **98** (20 November): 13519-13524.
- Kairosfocus.** 2011a. “Background Note: On Orderly, Random and Functional Sequence

- Complexity.” *Uncommon Descent* posting 16 January (online text at *uncommondescent.com* accessed 7/4/2011).
- . 2011b. “Visualising CSI using the Trevors-Abel model.” *Uncommon Descent* posting 3 July (online text at *uncommondescent.com* accessed 7/4/2011).
- . 2013. “He said it: Nick Matzke’s complaint against design thinkers and bloggers failing to do homework before ‘declaring my entire field bogus’.” *Uncommon Descent* posting 20 February (online text at *uncommondescent.com* accessed 2/24/2013).
- . 2016. “BA77 and a vid on FOXP ‘1/2/3’ molecular trees vs Dawkins’ claim of ‘You get the same family tree’.” *Uncommon Descent* posting 23 January (online text at *uncommondescent.com* accessed 1/23/2016).
- Kaiser, Andreas, & Clemens Richert.** 2013. “Nucleotide-Based Copying of Nucleic Acid Sequences without Enzymes.” *The Journal of Organic Chemistry* **78** (1 February): 793-799.
- Kaiser, David.** 2007. “The Other Evolution Wars.” *American Scientist* **95** (November-December): 518-525.
- Kaiser, Jocelyn.** 1994. “A New Theory of Insect Wing Origins Takes Off.” *Science* **266** (21 October): 363.
- . 2009a. “Questions About the Language of God.” *Science* **325** (17 July): 250.
- . 2009b. “White House Taps Former Genome Chief Francis Collins as NIH Director.” *Science* **325** (17 July): 250-251.
- . 2010. “Free Journals Grow Amid Ongoing Debate.” *Science* **329** (20 August): 896-898.
- . 2014. “The Epigenetic Heretic.” *Science* **343** (24 January): 361-363.
- . 2015. “An end to U.S. chimp research.” *Science* **350** (27 November): 1013.
- Kaiser, Martha D., Caitlin M. Hudac, Sarah Shultz, Su Mei Lee, Celeste Cheung, Allison M. Berken, Ben Deen, Naomi B. Pitskel, Daniel R. Sugrue, Avery C. Voos, Celine A. Saulnier, Pamela Ventola, Julie M. Wolf, Ami Klin, Brent C. Vander Wyk, & Kevin A. Pelphey.** 2010. “Neural signatures of autism.” *Proceedings of the National Academy of Sciences* **107** (7 December): 21223-21228.
- Kaita, Robert.** 2005. “Creator and Sustainer: God’s Essential Role in the Universe.” North American Mission Board (Southern Baptist Convention) *4TRUTH.NET* undated posting (online text at *www.4truth.net* accessed 11/25/2013).
- Kajander, E. Olavi, & Neva Çiftçioglu.** 1998. “Nanobacteria: An alternative mechanism for pathogenic intra- and extracellular calcification and stone formation.” *Proceedings of the National Academy of Sciences* **95** (7 July): 8274-8279.
- Kaje, Johnny.** 2010. “Day One-ish of the Big Silly Jesus Circus: Lies About Dinosaurs.” *Kajed Heat* 16 March posting (online text at *johnnykaje.wordpress.com* accessed 8/4/2013).
- Kaji, Takao, James D. Reimer, Arseniy R. Morov, Shigeru Kuratani, & Kinya Yasui.** 2016. “Amphioxus mouth after dorso-central inversion.” *Zoological Letters* (online @ *zoologicalletters.biomedcentral.com*) **2** (6 February): 2.
- Kaku, Michio.** 1994. *Hyperspace: A Scientific Odyssey Through Parallel Universes, Time Warps, and the Tenth Dimension*. New York: Anchor Books.
- Kakui, Yasutaka, & Frank Uhlmann.** 2017. “Building chromosomes without bricks.” *Science* **356** (23 June): 1233-1234.
- Kakuo, Shingo, Kazuo Asaoka, & Toshinori Ide.** 1999. “Human Is a Unique Species among Primates in Terms of Telomere Length.” *Biochemical and Biophysical Research Communications* **263** (24 September): 308-314.
- Kalas, Paul, James R. Graham, Eugene Chiang, Michael P. Fitzgerald, Mark Clampin, Edwin S. Kite, Karl Stapelfeldt, Christian Marois, & John Krist.** 2008. “Optical Images of an Exosolar Planet 25 Light-Years from Earth.” *Science* **322** (28 November): 1345-1348.
- Kalas, Vasilios, Jerome S. Pinkner, Thomas J. Hannan, Michael E. Hibbing, Karen W. Dodson, Alex S. Holehouse, Hao Zhang, Niraj H. Tolia, Michael L. Gross, Rohit V. Pappu, James Janetka, & Scott J. Hultgren.** 2017. “Evolutionary fine-tuning of conformational ensembles in FimH during host-pathogen interactions.” *Science Advances* **3**

- (10 February): e1601944 (online at *sciencemag.org*).
- Kalb, Jon E., Clifford J. Jolly, Elizabeth B. Oswald, & Paul F. Whitehead.** 1984. "Early Hominid Habitation in Ethiopia." *American Scientist* **72** (March-April): 168-178.
- Kalcheim, Chaya, & Hermann Rohrer.** 2014. "Following the same nerve track toward different cell fates." *Science* **345** (4 July): 32-35.
- Kaleem, Jaweed.** 2015. "South Carolina Lutheran Pastor: Dylann Roof Was Church Member, His Family Prays For Victims." *Huffpost Religion* posting 19 June (online text at *huffingtonpost.com* accessed 6/23/2015).
- Kalinka, Alex T., Iva Kelava, & Eric Lewitus.** 2013. "Our robust intellect." *Trends in Genetics* **29** (March): 125-127.
- Kalinka, Alex T., & Pavel Tomancak.** 2012. "The evolution of early animal embryos: conservation or divergence?" *Trends in Ecology & Evolution* **11** (February): 53-58.
- Kalinka, Alex T., Karolina M. Varga, Dave T. Gerrard, Stephan Preibisch, David L. Corcoran, Julia Jarrells, Uwe Ohler, Casey M. Bergman, & Pavel Tomancak.** 2010. "Gene expression divergence recapitulates the developmental hourglass model." *Nature* **468** (9 December): 811-814.
- Kalir, S., J. McClure, K. Pabbaraju, C. Southward, M. Ronen, S. Liebler, M. G. Surette, & U. Alon.** 2001. "Ordering Genes in a Flagella Pathway by Analysis of Expression Kinetics from Living Bacteria." *Science* **292** (15 June): 2080-2083.
- Kallenbach, Neville.** 2001. "Breaking open a protein barrel." *Proceedings of the National Academy of Sciences* **98** (13 March): 2958-2960.
- Kallioma-Sanford, Anne K., Fernando A. Rodriguez-Castañeda, Brett N. McLeod, Victor Latorre-Roselló, Jasmine H. Smith, Julia Reimann, Sonja V. Albers, & Daniela Barillà.** 2012. "Chromosome segregation in Archaea mediated by a hybrid DNA partition machine." *Proceedings of the National Academy of Sciences* **109** (6 March): 3754-3759.
- Kalmus, Jonathan.** 2012. "Chief Rabbi Lord Sacks and Richard Dawkins debate deity?" *The Jewish Chronicle* 13 September posting (online text at *www.thejc.com* accessed 3/16/2013).
- Kaltenegger, Elisabeth, Eckart Eich, & Dietrich Ober.** 2013. "Evolution of Homospermidine Synthase in the Convolvulaceae: A Story of Gene Duplication, Gene Loss, and Periods of Various Selection Pressures." *The Plant Cell* **25** (April): 1213-1227.
- Kamarthapu, Venu, Vitaly Epshtein, Bradley Benjamin, Sergey Proshkin, Alexander Mironov, Michael Cashel, & Evgeny Nudler.** 2016. "ppGpp couples transcription to DNA repair in *E. coli*." *Science* **352** (20 May): 993-996.
- Kamber, Balz S., Stephen Moorbath, & Martin J. Whitehouse.** 2001. "The oldest rocks on Earth: time constraints and geological controversies." *Geological Society, London, Special Publications* **190**: 177-203.
- Kamber, Balz Samuel, Martin J. Whitehouse, Robert Bohlar, & Stephen Moorbath.** 2005. "Volcanic resurfacing and the early terrestrial crust: Zircon U-Pb and REE constraints from the Isua Greenstone Belt, southern West Greenland." *Earth and Planetary Science Letters* **240** (1 December): 276-290.
- Kamberov, Yana G., Elinor K. Karlsson, Gerda L. Kamberova, Daniel E. Lieberman, Pardis C. Sabeti, Bruce A. Morgan, & Clifford J. Tabin.** 2015. "A genetic basis of variation in eccrine sweat gland and hair follicle density." *Proceedings of the National Academy of Sciences* **112** (11 August): 9932-9937.
- Kambhampati, Srinivas, Karamjit S. Rai, & Dawn M. Verleye.** 1992. "Frequencies of Mitochondrial DNA Haplotypes in Laboratory Cage Populations of the Mosquito, *Aedes albopictus*." *Genetics* **132** (September): 205-209.
- Kambris, Zakaria, Peter E. Vook, Hoang K. Phuc, & Steven P. Sinkins.** 2009. "Immune Activation by Life-Shortening *Wolbachia* and Reduced Filarial Competence in Mosquitoes." *Science* **326** (2 October): 134-136.
- Kamen, Henry.** 1997. *The Spanish Inquisition: A Historical Revision*. 1998 US ed. New Haven, CT: Yale University Press.
- Kamenisch, York, Maria Fousteri, Jennifer Knoch, Anna-Katharina von Thaler, Birgit Fehrenbacher, Hiroki Kato, Thomas Becker, Martijn E. T. Dollé, Raoul Kuiper, Marc**

- Majora, Martin Schaller, Gijbertus T. J. van der Horst, Harry van Steeg, Martin Röcken, Doron Rapaport, Jean Krutmann, Leon H. Mullenders, & Mark Berneburg.** 2010. "Proteins of nucleotide and base excision repair pathways interact in mitochondria to protect from loss of subcutaneous fat, a hallmark of aging." *The Journal of Experimental Medicine* **207** (February): 379-390.
- Kamenos, Nicholas A.** 2010. "North Atlantic summers have warmed more than winters since 1353, and the response of marine zooplankton." *Proceedings of the National Academy of Sciences* **107** (28 December): 22442-22447.
- Kamenz, Carsten, Jason A. Dunlop, Gerhard Scholtz, Hans Kerp, & Hagen Hass.** 2008. "Microanatomy of Early Devonian book lungs." Royal Society *Biology Letters* **4** (April): 212-215.
- Kamer, Assaf.** 2016. "Did the Exodus really happen?" *Ynetnews* posting 23 April (online text at www.ynetnews.com accessed 1/11/2017).
- Kamer, Gregory, & Patrick Argos.** 1984. "Primary structural comparison of RNA-dependent polymerases from plant, animal and bacterial viruses." *Nucleic Acids Research* **12** (25 September): 7269-7282.
- Kamikawa, Ryoma, Matthew W. Brown, Yuki Nishimura, Yoshihiko Sako, Aaron A. Heiss, Naoji Yubuki, Ryan Gawryluk, Alastair G. B. Simpson, Andrew J. Roger, Tetsuo Hashimoto, & Yuji Inagaki.** 2013. "Parallel re-modeling of EF-1 α function: divergent EF-1 α genes co-occur with EFL genes in diverse distantly related eukaryotes." *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (26 June): 131.
- Kamikawa, Ryoma, Yuji Inagaki, & Yoshihiko Sako.** 2008. "Direct phylogenetic evidence for lateral transfer of elongation factor-like gene." *Proceedings of the National Academy of Sciences* **105** (13 May): 6965-6969.
- Kamikuri, Shin-Ichi, Isao Motoyama, Hiroshi Nishi, & Masao Iwai.** 2009. "Neogene radiolarian biostratigraphy and faunal evolution rates in the eastern equatorial Pacific ODP Sites 845 and 1241." *Acta Palaeontologica Polonica* **54** (4): 713-742.
- Kamil, Alan C.** 2013. "Eurasian jays predict the food preferences of their mates." *Proceedings of the National Academy of Sciences* **106** (5 March): 3719-3720.
- Kamilar, Jason M., & Quentin D. Atkinson.** 2014. "Cultural assemblages show nested structure in humans and chimpanzees but not orangutans." *Proceedings of the National Academy of Sciences* **111** (7 January): 111-115.
- Kaminaga, Yasuhisa, Jennifer Schnepf, Greg Peel, Christine M. Kish, Gili Ben-Nissan, David Weiss, Irina Orlova, Orly Lavie, David Rhodes, Karl Wood, D. Marshall Porterfield, Arthur J. L. Cooper, John V. Schloss, Eran Pichersky, Alexander Vainstein, & Natalia Dudareva.** 2006. "Plant Phenylacetaldehyde Synthase Is a Bifunctional Homotetrameric Enzyme That Catalyzes Phenylalanine Decarboxylation and Oxidation." *The Journal of Biological Chemistry* **281** (18 August): 23357-23366.
- Kaminski, Edouard, & Marc Javoy.** 2013. "A two-stage scenario for the formation of the Earth's mantle and core." *Earth and Planetary Science Letters* **385** (1 March): 97-107.
- Kaminski, Juliane, Josep Call, & Michael Tomasello.** 2008. "Chimpanzees know what others know, but not what they believe." *Cognition* **109** (November): 224-234.
- Kaminski, Juliane, Julia Fischer, & Josep Call.** 2008. "Prospective object search in dogs: mixed evidence for knowledge of *What* and *Where*." *Animal Cognition* **11** (April): 367-371.
- Kamionka, Annette, Joanna Bogdanska-Urbaniak, Oliver Scholz, & Wolfgang Hillen.** 2004. "Two mutations in the tetracycline repressor change the inducer anhydrotetracycline to a corepressor." *Nucleic Acids Research* **32** (January #2): 842-847.
- Kamionkowski, Marc.** 1998. "The Case of the Curved Universe: Open, Closed, or Flat?" *Science* **280** (29 May): 1397-1398.
- Kamisar, Ben.** 2013. "Texas schools get poor marks on teaching unbiased Bible course." *Austin American-Statesman* 16 January article: online text accessed 2/4/2014 at www.statesman.com).
- Kamm, Kai, Bernd Schierwater, Wolfgang Jakob, Stephen L. Dellaporta, & David J. Miller.**

2006. "Axial Patterning and Diversification in the Cnidaria Predate the Hox System." *Current Biology* **16** (9 May): 1-7.
- Kammerer, Christian F., Kenneth D. Angielczyk, & Jörg Fröbisch.** 2011. "A Comprehensive Taxonomic Revision of Dicynodon (Therapsida, Ammodontia) and Its Implications for Dicynodont Phylogeny." *Journal of Vertebrate Paleontology* **31** (December Supplement 1): 1-158.
- , eds. 2014. *Early Evolutionary History of the Synapsids*. New York: Springer.
- Kammerer, Christian F., John J. Flynn, Lovasoa Ranivoharimanana, & André R. Wyss.** 2012. "Ontogeny in the Malagasy Traversodontid *Dadadon isaloi* and a Reconstruction of its Phylogenetic Relationships." *Fieldiana Life and Earth Sciences* **5** (October): 112-125.
- Kamneva, Olga K., Stormy J. Knight, David A. Liberles, & Naomi L. Ward.** 2012. "Analysis of Genome Content Evolution in PVC Bacterial Super-Phylum: Assessment of Candidate Genes Associated with Cellular Organization and Lifestyle." *Genome Biology and Evolution* **4** (12): 1375-1390.
- Kampinga, Harm H.** 2014. "A cell death avenue evolved from a life-saving path." *Science* **344** (20 June): 1341-1342.
- Kampourakis, Kostas, & William F. McComas.** 2010. "Charles Darwin and Evolution: Illustrating Human Aspects of Science." *Science & Education* **19** (June): 637-654.
- Kampourakis, Kostas, Eirini Palaiokrassa, Maria Papadopoulou, Vasiliki Pavlidi, & Myrto Argyropoulou.** 2012. "Children's Intuitive Teleology: Shifting the Focus of Evolution Education Research." *Evolution: Education & Outreach* **5** (June): 279-291.
- Kamtekar, Satwik, W. Dexter Kennedy, Jimin Wang, Constantinos Stathopoulos, Dieter Söll, & Thomas A. Steitz.** 2003. "The structural basis of cysteine aminoacylation of tRNA^{Pro} by prolyl-tRNA synthetases." *Proceedings of the National Academy of Sciences* **100** (18 February): 1673-1678.
- Kan, S. B. Jennifer, Russell D. Lewis, Kai Chen, & Francis H. Arnold.** 2016. "Directed evolution of cytochrome c for carbon-silicon bond formation: Bringing silicon to life." *Science* **354** (25 November): 1048-1051.
- Kanady, Jacob S., Emily Y. Tsui, Michael W. Day, & Theodor Agapie.** 2011. "A Synthetic Model of the Mn₃Ca Subsite of the Oxygen-Evolving Complex in Photosystem II." *Science* **333** (5 August): 733-736.
- Kanai, Akio.** 2015. "Disrupted tRNA Genes and tRNA Fragments: A Perspective on tRNA Gene Evolution." *Life (Basel)* **5** (26 January): 321-331.
- Kanai, Ryota, Tom Feilden, Colin Firth, & Geraint Rees.** 2011. "Political Orientations Are Correlated with Brain Structure in Young Adults." *Current Biology* **21** (26 April): 677-680.
- Kanamaru, Shuji.** 2009. "Structural similarity of tailed phages and pathogenic bacterial secretion systems." *Proceedings of the National Academy of Sciences* **106** (17 March): 4067-4068.
- Kandel, Robert.** 2003. *Water from Heaven: The Story of Water from the Big Bang to the Rise of Civilization, and Beyond*. Rev. English trans. of 1998 French ed. New York: Columbia University Press.
- Kane, Adam.** 2012. "A suggestion on improving mathematically heavy papers." *Proceedings of the National Academy of Sciences* **109** (6 November): E3056.
- Kane, Dennis.** 2012. "Inappropriate Religious Expression in Your Classroom." *Patheos* posting of *Cheektowage Central School District Superintendent of Schools* 22 June letter (online pdf at wp.patheos.com.S3 accessed 1/24/2013).
- Kane, Gillian.** 2012a. "World Congress of Families Meets, Seeks a New Dark Ages." *Religion Dispatches* 12 June posting (online text at religiondispatches.org accessed 6/17/2012).
- . 2012b. "What Does the 'Traditional Family' Have To Do with Pussy Riot?" *Religion Dispatches* 20 August posting (online text at religiondispatches.org accessed 8/22/2012).
- Kane, Gordon L., Malcolm J. Perry, & Anna N. Żytkow.** 2002. "The Beginning of the End of the Anthropic Principle." *New Astronomy* **7** (February): 45-53.
- Kane, Jonathan, Emily Willoughby, & T. Michael Keesey,** eds. 2016. *God's Word or Human Reason?: An Inside Perspective on Creationism*. Inkwat Press.

- Kane, Kate.** 2012. "Homosexuality: It's an Orientation, Not an Action." *Queerphc* 12 December posting (online text at queerphc.wordpress.com accessed 12/13/2012).
- Kane, Melissa, Laura K. Case, Karyl Kopaskie, Alena Kozlova, Cameron MacDearmid, Alexander V. Chervonsku, & Tatyana V. Golovkina.** 2011. "Successful Transmission of a Retrovirus Depends on the Commensal Microbiota." *Science* **334** (14 October): 245-249.
- Kane, Nolan C., Matthew G. King, Michael S. Barker, Andrew Raduski, Sophie Karrenberg, Yoko Yatabe, Steven J. Knapp, & Loren H. Rieseberg.** 2009. "Comparative Genomic and Population Genetic Analyses Indicate Highly Porous Genomes and High Levels of Gene Flow Between Divergent *Helianthus* Species." *Evolution* **63** (August): 2061-2075.
- Kaneko, Kunihiko.** 2007. "Evolution of Robustness to Noise and Mutation in Gene Expression Dynamics." *PLoS ONE* (online @ plosone.org) **2** (May): e434.
- Kaneko, Takakazu, Yasukazu Nakamura, C. Peter Wolk, Tanya Kuritz, Shigemi Sasamoto, Akiko Watanabe, Mayumi Iriguchi, Atsuko Ishikawa, Kumiko Kawashima, Takaharu Kimura, Yoshie Kishida, Mitsuyo Kohara, Midori Matsumoto, Ai Matsuno, Akiko Muraki, Naomi Nakazaki, Sayaka Shimpō, Masako Sugimoto, Masaki Takazawa, Manabu Yamada, Miho Yasuda, & Satoshi Tabata.** 2001. "Complete Genomic Sequence of the Filamentous Nitrogen-fixing Cyanobacterium *Anabaena* sp. Strain PCC 7120." *DNA Research* **8** (October): 205-213.
- Kaneoka, Ichiro.** 2008. "On the degassing state and the chemical structure of the Earth's interior inferred from noble gas isotopes—Past and recent views." *Geochemical Society of Japan Geochemical Journal* **42** (1): 3-20.
- Kaner, Simon.** 2013. "A potted history of Japan." *Nature* **496** (18 April): 302-303.
- Kang, Hey-Joo, Zhaohui Feng, Yvonne Sun, Gurinder Atwal, Maureen E. Murphy, Timothy R. Rebbeck, Zev Rosenwaks, Arnold J. Levine, & Wenwei Hu.** 2009. "Single-nucleotide polymorphisms in the p53 pathway regulate fertility in humans." *Proceedings of the National Academy of Sciences* **106** (16 June): 9761-9766.
- Kang, Hyo Jung, Yuka Imamura Kawasawa, Feng Cheng, Ying Zhu, Xuming Xu, Mingfeng Li, André M. M. Sousa, Mihovil Pletikos, Kyle A. Meyer, Goran Sedmak, Tobias Guennel, Yurac Shin, Matthew B. Johnson, Željka Krsnik, Simone Mayer, Sofia Fertuzinhos, Sheila Umlauf, Steven N. Liso, Alexander Vortmeyer, Daniel R. Weinberger, Shrikant Mane, Thomas M. Hyde, Anita Huttner, Mark Reimers, Joel E. Kleinman, & Nenad Šestan.** 2011. "Spatio-temporal transcriptome of the human brain." *Nature* **478** (27 October): 483-489.
- Kang, Paul, & Oscar Lopez.** 2013. "Town of Greece v. Galloway." Cornell University Law School *Legal Information Institute* posting (online text at www.law.cornell.edu accessed 4/12/2014).
- Kang, S. M., L. N. Polvani, J. S. Fyfe, & M. Sigmond.** 2011. "Impact of Polar Ozone Depletion on Subtropical Precipitation." *Science* **332** (20 May): 951-954.
- Kang, Sebyung, & Trevor Douglas.** 2010. "Some Enzymes Just Need a Space of Their Own." *Science* **327** (1 January): 42-43.
- Kang, Shin-who.** 2008. "Yongsan International School Admits Unqualified Students." *Korea Times* 25 August posting (online text at www.koreatimes.co.kr accessed 1/24/2013).
- Kangas, Aapo T., Alistair R. Evans, Irma Thesleff, & Jukka Jernvall.** 2004. "Nonindependence of mammalian dental characters." *Nature* **432** (11 November): 211-214.
- Kaniewski, D., E. Paulissen, E. Van Campo, M. Al-Maqdissi, J. Bretschneider, & K. van Lerberghe.** 2008. "Middle East coastal ecosystem response to middle-to-late Holocene abrupt climate changes." *Proceedings of the National Academy of Sciences* **105** (16 September): 13941-13946.
- Kaniewski, David, Elise Van Campo, & Harvey Weiss.** 2012. "Drought is a recurring challenge in the Middle East." *Proceedings of the National Academy of Sciences* **109** (6 March): 3862-3867.
- Kanjlia, Shipra, Connor Lane, Lisa Feigenson, & Marina Bedny.** 2016. "Absence of visual

- experience modifies the neural basis of numerical thinking.” *Proceedings of the National Academy of Sciences* **113** (4 October): 11172-11177.
- Kann, Laura, Emily O’Malley Olsen, Tim McManus, William A. Harris, Shari L. Shanklin, Katherine H. Flint, Barbara Queen, Richard Lowry, David Chyen, Lisa Whittle, Jemekia Thornton, Connie Lim, Yoshimi Yamakawa, Nancy Brener, & Stephanie Zaza.** 2016. “Sexual Identity, Sex of Sexual Contacts, and Health-Related Behaviors Among Students in Grades 9-12—United States and Selected Sites, 2015.” Centers for Disease Control and Prevention *MMWR* (Morbidity and Mortality Weekly Report) **65** (12 August): 1-202.
- Kann, Lisa M., Erica B. Rosenblum, & David M. Rand.** 1998. “Aging, mating, and the evolution of mtDNA heteroplasmy in *Drosophila melanogaster*.” *Proceedings of the National Academy of Sciences* **95** (3 March): 2372-2377.
- Kannan, K., S. K. Pillai, J. S. Gill, K. O. Hui, & V. Swami.** 2010. “Religious beliefs, coping skills and responsibility to family as factors protecting against deliberate self-harm.” *South African Journal of Psychiatry* **16** (December): 138-146.
- Kano, K., H. Matsuura, & S. Yamauchi.** 1997. “Miocene rhyolitic welded tuff infilling a funnel-shaped eruption conduit Shiotani, southeast of Matsue, SW Japan.” *Bulletin of Volcanology* **59** (October): 125-135.
- Kansal, R., N. Agrawal, S. Khare, A. Khare, S. Jain, & B. M. Singhal.** 2010. “Newborn with tail – A genetic throwback.” *People’s Journal of Scientific Research* (India) **3** (January): 15-17.
- Kansas Citizens for Science.* 1999. “Revision Markup of the Kansas State Board of Education’s Science Education Standards: Markup Version Comparison of Draft 5 of July 1999 (prepared by the external Standards Writing Committee) and the Approved Version of 11 August 1999 (prepared by the Board’s Standards Subcommittee.” *Jack Krebs* undated posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- . 2000. “Kansas Citizens for Science UPDATE Friday.” *Kansas Citizens for Science* 14 January posting (online text at www.kcfs.org accessed 1/29/2002).
- Kansas House.* 2013. “HOUSE BILL No. 2306.” Kansas House Standing Committee on Education legislative posting (online pdf at kslegislature.org accessed 2/22/2012).
- Kansas Science Standards.* 1995. “Kansas Curricular Standards for Science.” *Jack Krebs* 14 June revised version posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- . 1999a. Abrams/Willis CDC Working Draft 4A. *Jack Krebs* 24 April version posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- . 1999b. Abrams/Willis CDC Working Draft 8A. *Jack Krebs* 26 June version posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- . 1999c. Abrams/Willis CDC Working Draft 5. *Jack Krebs* July version posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- . 1999d. “KANSAS Curricular Standards for Science Education, Kansas State Board of Education, Adopted December 7, 1999.” *Kansas Intelligent Design Network* posting (online text at intelligentdesignnetwork.org accessed 11/24/2013).
- . 2001. “Kansas Science Education Standards Sixth Working Draft (6.1).” *Jack Krebs* February version posting (online text at www.sunflower.com/~jkrebs accessed 6/13/2001).
- Kansas State Board of Education.* 2001. “Kansas State Board of Education Meeting Minutes – January 9 and 10, 2001.” *Kansas State Department of Education* posting (online text at www.ksde.org accessed 2/21/2003, not available as of 11/27/2013).
- Kantsler, Vasily, Jörn Dunkel, Marco Polin, & Raymond E. Goldstein.** 2013. “Ciliary contact interactions dominate surface scattering of swimming eukaryotes.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1187-1192.
- Kaňuch, Peter, Alena Fornůsková, Tomáš Bartonička, Josef Bryja, & Zdeněk Řehák.** 2010. “Do two cryptic pipistrelle bat species differ in their autumn and winter roosting strategies within the range of sympatry?” *Folia Zoologica* (Czech Republic) **59** (2): 102-107.
- Kanwisher, Nancy.** 2010. “Functional specificity in the human brain: A window into the

- functional architecture of the mind.” *Proceedings of the National Academy of Sciences* **107** (22 June): 11163-11170.
- Kao, Aimee W., Robin J. Eisenhut, Lauren Herl Martens, Ayumi Nakamura, Anne Huang, Josh A. Bagley, Ping Zhou, Alberto de Luis, Lukas J. Neukomm, Juan Cabello, Robert V. Farese Jr., & Cynthia Kenyon.** 2011. “A neurodegenerative disease mutation that accelerates the clearance of apoptotic cells.” *Proceedings of the National Academy of Sciences* **108** (15 March): 4441-4446.
- Kao, Kathryn.** 2017. “Science education professor receives NSF research grant.” University of Georgia *Columns* 15 May posting (online text at columns.uga.edu accessed 5/26/2017).
- Kao, Wee-Tin, Yanhong Wang, Joel E. Kleinman, Barbara K. Lipska, Thomas M. Hyde, Daniel R. Weinberger, & Amanda J. Law.** 2010. “Common genetic variation in Neuroregulin 3 (*NRG3*) influences risk for schizophrenia and impacts *NRG3* expression in human brain.” *Proceedings of the National Academy of Sciences* **107** (31 August): 15619-15624.
- Kaochar, Salma, Andrew L. Paek, & Ted Weinert.** 2010. “Replication Error Amplified.” *Science* **329** (20 August): 911-913.
- Kaoma, Kapya.** 2014. “Uganda Passes Anti-Homosexuality Bill Despite (Or Due to?) U.S. Opposition.” *Religion Dispatches* 17 February posting (online text at religiondispatches.org accessed 2/18/2014).
- Kapheim, Karen M., Hailin Pan, Cai Li, Steven L. Salzberg, Daniela Puiu, Tanja Magoc, Hugh M. Robertson, Matthew E. Hudson, Aarti Venkat, Brielle J. Fischman, Alvaro Hernandez, Mark Yandell, Daniel Ence, Carson Holt, George D. Yocum, William P. Kemp, Jordi Bosch, Robert M. Waterhouse, Evgeny M. Zdobnov, Eckart Stolle, F. Bernhard Kraus, Sophie Helbing, Robin F. A. Moritz, Karl M. Glastad, Brendan G. Hunt, Michael A. D. Goodisman, Frank Hauser, Cornelis J. P. Grimmelikhuijzen, Daniel Guariz Pinheiro, Francis Morais Franco Nunes, Michelle Prioli Miranda Soares, Érica Donato Tanaka, Zilá Luz Paulino Simões, Klaus Hartfelder, Jay D. Evans, Seth M. Barribeau, Reed M. Johnson, Jonathan H. Massey, Bruce R. Southey, Martin Hasselmann, Daniel Hamacher, Matthias Biewer, Clement F. Kent, Amro Zayed, Charles Blatti III, Saurabh Sinha, J. Spencer Johnston, Shawn J. Hanrahan, Sarah D. Kocher, Jun Wang, Gene E. Robinson, & Guojie Zhang.** 2015. “Genomic signatures of evolutionary transitions from solitary to group living.” *Science* **348** (5 June): 1139-1143.
- Kapitonov, Vladimir V., & Jerzy Jurka.** 2005. “RAG1 Core and V(D)J Recombination Signal Sequences Were Derived from *Transib* Transposons.” *PLoS Biology* (online @ plosbiology.org) **3** (May): e181.
- . 2006a. “Self-synthesizing DNA transposons in eukaryotes.” *Proceedings of the National Academy of Sciences* **103** (21 March): 4540-4545.
- . 2006b. “New Kids on the Block: Self-synthesizing DNA Transposons,” in Kolchanov & Hofestädt (2006, 167-170).
- Kapitza, Sergei.** 1999. “Science and Pseudoscience in Russia.” *Skeptical Inquirer* **23** (January/February): 34-36.
- Kaplan, Hillard S., & Arthur J. Robson.** 2002. “The emergence of humans: The coevolution of intelligence and longevity with intergenerational transfers.” *Proceedings of the National Academy of Sciences* **99** (23 July): 10221-10226.
- Kaplan, Jed O., Mirjam Pfeiffer, Jan C. A. Kolen, & Basil A. S. Davis.** 2016. “Large Scale Anthropogenic Reduction of Forest Cover in Last Glacial Maximum Europe.” *PLoS ONE* (online @ plosone.org) **11** (November): e0166726.
- Kaplan, Matt.** 2009. “The sex wars of ducks.” *Nature News* (23 December) posting (online text at nature.com accessed 2/16/2014).
- . 2011a. “Dinosaur predators hunted in the dark.” *Nature News* (14 April) posting (online text at nature.com accessed 4/16/2011).
- . 2011b. “Enigmatic fossils are neither animals nor bacteria.” *Nature News* (22 December) posting (online text at nature.com accessed 12/23/2011).
- . 2012a. “DNA has a 521-year half-life.” *Nature News* (10 October) posting (online text at

- nature.com* accessed 7/27/2014).
- . 2012b. “How to eat a *Triceratops*.” *Nature News* (24 October) posting (online text at *nature.com* accessed 10/25/2012).
- Kaplan, Michael R., Joerg M. Schaefer, George H. Denton, David J. A. Barrell, Trevor J. H. Chinn, Aaron E. Putnam, Bjørn G. Anderson, Robert C. Finkel, Roseanne Schwartz, & Alice M. Doughty.** 2010. “Glacier retreat in New Zealand during the Younger Dryas stadial.” *Nature* **467** (9 September): 194-197.
- Kaplan, Rebecca.** 2012. “Santorum: Satan Comments in 2008 ‘Not Relevant’ Today.” *Yahoo! News National Journal* blog posting 22 February (online text at *news.yahoo.com* accessed 2/22/2012).
- Kaplan, Sarah.** 2015. “Suspect in Chapel Hill killings described as troublemaker, obsessed with parking.” *The Washington Post* posting 12 February: online text accessed 2/12/2015 (*www.washingtonpost.com*).
- Kaplan, Stuart R.** 1990. *The Encyclopedia of Tarot*. Vol. 3. New York: U. S. Games Systems.
- Kapner, Nathanael.** 2007a. “Assassination Of President McKinley By Jews!” *Real Zionist News* article index (online text at *www.realzionistnews.com* accessed 6/23/2011).
- . 2007b. “Jewish Bankers & Their Agenda.” *Real Zionist News* 19 November posting (online text at *www.realzionistnews.com* accessed 6/23/2011).
- . 2008. “Why I Left Judaism.” *Real Zionist News* 30 March posting (online text at *www.realzionistnews.com* accessed 6/23/2011).
- . 2009. “*** Is Alex Jones Linked To Zionist Jew Bronfman? ***.” *Real Zionist News* article index (online text at *www.realzionistnews.com* accessed 6/23/2011).
- . 2010. “Protocols Of The Elders Of Zion Fulfilled.” *Real Zionist News* article index (online text at *www.realzionistnews.com* accessed 6/23/2011).
- Kapogiannis, Dimitrios, Aron K. Barbey, Michael Su, Giovanna Zamboni, Frank Krueger, & Jordan Grafman.** 2009a. “Cognitive and neural foundations of religious belief.” *Proceedings of the National Academy of Sciences* **106** (24 March): 4876-4881.
- . 2009b. “Neuroanatomical Variability of Religiosity.” *PLoS ONE* (online @ *plosone.org*) **4** (September): e7180.
- Kappé, Guido, Andrew G. Purkiss, Siebe T. van Genesen, Christine Slingsby, & Nicolette H. Lubsen.** 2010. “Explosive Expansion of $\beta\gamma$ -Crystallin Genes in the Ancestral Vertebrate.” *Journal of Molecular Evolution* **71** (September): 219-230.
- Käppeler, F., R. Gallino, S. Bisterzo, & Wako Aoki.** 2010. “The s process: Nuclear physics, stellar models, and observations.” *Reviews of Modern Physics* **83** (1 April): 157.
- Käppeler, Peter M.** 2000. “Lemur Origins: Rafting by Groups of Hibernators?” *Folia Primatologica* **71** (November-December): 422-425. No abstract
- . 2013. “Why Male Mammals Are Monogamous.” *Science* **341** (2 August): 469-470.
- Kappelman, John, Richard A. Ketcham, Stephen Pearce, Lawrence Todd, Wiley Akins, Matthew W. Colbert, Mulugeta Feseha, Jessica A. Maisano, & Adrienne Witzel.** 2016. “Perimortem fractures in Lucy suggest mortality from fall out of tall tree.” *Nature* **537** (22 September): 503-507.
- Kappock, T. Joseph, Steven E. Ealick, & JoAnne Stubbe.** 2000. “Modular evolution of the purine biosynthesis pathway.” *Current Opinion in Chemical Biology* **4** (October): 567-572.
- Kapranov, Philipp, Simon E. Cawley, Jorg Drenkow, Stefan Bekiranov, Robert L. Strausberg, Stephen P. A. Fodor, & Thomas R. Gingeras.** 2002. “Large-Scale Transcriptional Activity in Chromosomes 21 and 22.” *Science* **296** (3 May): 916-919.
- Kapranov, Philipp, & Georges St. Laurent.** 2012. “Dark Matter RNA: Existence, Function, and Controversy.” *Frontiers in Genetics* (online @ *frontiersin.org*) **3** (23 April): 60.
- Kapranov, Philipp, Georges St. Laurent, Tal Raz, Fatih Ozsolak, C. Patrick Reynolds, Poul H. B. Sorensen, Gregory Reaman, Patrice Milos, Robert J. Arceci, John F. Thompson, & Timothy J. Triche.** 2010. “The majority of total nuclear-encoded non-ribosomal RNA in a human cell is ‘dark matter’ un-annotated RNA.” *BMC Biology* (online @ *biomedcentral.com*) **8** (21 September): 149.
- Kapraun, Donald F.** 2005. “Nuclear DNA Content Estimates in Multicellular Green, Red and

- Brown Algae: Phylogenetic Considerations.” *Annals of Botany* **95** (January): 7-44.
- Kapur, Sahil.** 2014. “Bobby Jindal Refuses To Say If He Believes In Evolution.” *Talking Points Memo* posting 16 September (online text at talkingpointsmemo.com accessed 9/16/2014).
- Kapusta, Aurélie, Alexander Suh, & Cédric Feschotte.** 2017. “Dynamics of genome size evolution in birds and mammals.” *Proceedings of the National Academy of Sciences* **114** (21 February): E1460-E1469.
- Karabinos, Anton, Dieter Riemer, Georgia Panopoulou, Hans Lehrach, & Klaus Weber.** 2000. “Characterization and tissue-specific expression of the two keratin subfamilies of intermediate filament proteins in the cephalochordate *Branchiostoma*.” *European Journal of Cell Biology* **79** (January): 17-26.
- Karasov, Talia, Philipp W. Messer, & Dmitri A. Petrov.** 2010. “Evidence that Adaptation in *Drosophila* Is Not Limited by Mutation at Single Sites.” *PLoS Genetics* (online @ plosgenetics.org) **6** (June): e1000924.
- Karatygin, I. V., N. S. Snigirevskaya, & S. V. Vikulin.** 2009. “The Most Ancient Terrestrial Lichen *Winfrenatia reticulata*: A New Find and New Interpretation.” *Paleontological Journal* **43** (January): 107-114.
- Karban, Richard, Kaori Shiojiri, Satomi Ishizaki, William C. Wetzel, & Richard Y. Evans.** 2013. “Kin recognition affects plant communication and defence.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (13 February): 20123062.
- Karberg, Katherine A., Gary J. Olsen, & James J. Davis.** 2011. “Similarity of genes horizontally acquired by *Escherichia coli* and *Salmonella enterica* is evidence of a supraspecies pangenome.” *Proceedings of the National Academy of Sciences* **108** (13 December): 20154-20159.
- Kardel, Troels.** 2009. “Prompters of Steno’s geological principles: Generation of stones in living beings, glossopetrae and molding.” *The Geological Society of America Memoirs* **203**: 127-134.
- Kardish, Melissa R., Ulrich G. Mueller, Sabrina Amador-Vargas, Emma I. Dietrich, Rong Ma, Brian Barrett, & Chi-Chun Fang.** 2015. “Blind trust in unblinded observation in Ecology, Evolution and Behavior.” *Frontiers in Ecology and Evolution* (online @ frontiersin.org) **3** (May): 51.
- Kardong, Kenneth V.** 2005. *Vertebrates: Comparative Anatomy, Function, Evolution*. 4th ed. New York: McGraw-Hill College.
- Kargel, Jeffrey S., J. Graham Cogley, Gregory J. Leonard, Umesh Haritashya, & Alton Byers.** 2011. “Himalayan glaciers: The big picture is a montage.” *Proceedings of the National Academy of Sciences* **108** (6 September): 14709-14710.
- Karginov, Fedor V., Sihem Cheloufi, Mark M. W. Chong, Alexander Stark, Andrew D. Smith, & Gregory J. Hannon.** 2010. “Diverse Endonucleolytic Cleavage Sites in the Mammalian Transcriptome Depend upon MicroRNA’s, Drosha, and Additional Nucleases.” *Molecular Cell* **38** (June): 781-788.
- Karijolich, John, & Yi-Tao Yu.** 2011. “Converting nonsense codons into sense codons by targeted pseudouridylation.” *Nature* **474** (16 June): 395-398.
- Karim, Ahmed A., Markus Schneider, Martin Lotz, Ralf Veit, Paul Sauseng, Christoph Braun, & Niels Birbaumer.** 2010. “The Truth about Lying: Inhibition of the Anterior Prefrontal Cortex Improves Deceptive Behavior.” *Cerebral Cortex* **20** (January): 205-213.
- Karkar, Slim, Fabio Facchinelli, Dana C. Price, Andreas P. M. Weber, & Debashish Bhattacharya.** 2015. “Metabolic connectivity as a driver of host and endosymbiont integration.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10208-10215.
- Karki, Bijaya B., & Lars P. Stixrude.** 2010. “Viscosity of MgSiO₃ Liquid at Earth’s Mantel Conditions: Implications for an Early Magma Ocean.” *Science* **328** (7 May): 740-742.
- Karl, Thomas R., Anthony Arguez, Boyin Huang, Jay H. Lawrimore, James R. McMahon, Matthew J. Menne, Thomas C. Peterson, Russell S. Vose, & Huai-Min Zhang.** 2015. “Possible artifacts of data biases in the recent global surface warming hiatus.” *Science* **348** (26 June): 1469-1472.

- Karl, Thomas R., & Richard W. Katz.** 2012. "A new face for climate dice." *Proceedings of the National Academy of Sciences* **109** (11 September): 14720-14721.
- Karlebach, Guy, & Clyde Francks.** 2015. "Lateralization of gene expression in human language cortex." *Cortex* **67** (June): 30-36.
- Karlič, Rosa, Ho-Ryun Chung, Julia Lasserre, Kristian Vlahoviček, & Martin Vingron.** 2010. "Histone modification levels are predictive for gene expression." *Proceedings of the National Academy of Sciences* **107** (16 February): 2926-2931.
- Karlin, Samuel, Melanie J. Barnett, Allan M. Campbell, Robert F. Fisher, & Jan Mrázek.** 2003. "Predicting gene expression levels from codon biases in α -proteobacterial genomes." *Proceedings of the National Academy of Sciences* **100** (10 June): 7313-7318.
- Karlin, Samuel, & Jan Mrázek.** 2000. "Predicted Highly Expressed Genes of Diverse Prokaryotic Genomes." *Journal of Bacteriology* **182** (September, No. 18): 5238-5250.
- . 2001. "Predicted highly expressed and putative alien genes of *Deinococcus radiodurans* and implications for resistance to ionizing radiation damage." *Proceedings of the National Academy of Sciences* **98** (24 April): 5240-5245.
- Karlin, Samuel, Jan Mrázek, Allan Campbell, & Dale Kaiser.** 2001. "Characterizations of Highly Expressed Genes of Four Fast-Growing Bacteria." *Journal of Bacteriology* **183** (September, No. 17): 5025-5040.
- Karlinsey, Joyce E., Andrew J. Pease, Malcolm E. Winkler, Jeanne L. Bailey, & Kelly T. Hughes.** 1997. "The *flk* Gene of *Salmonella typhimurium* Couples Flagellar P- and L-Ring Assembly to Flagellar Morphogenesis." *Journal of Bacteriology* **179** (April, No. 7): 2389-2400.
- Karlinsey, Joyce E., Ho-Ching T. Tsui, Malcolm E. Winkler, & Kelly T. Hughes.** 1998. "Flk Couples *flgM* Translation to Flagellar Ring Assembly in *Salmonella typhimurium*." *Journal of Bacteriology* **180** (October, No. 20): 5384-5397.
- Karlsson, Håkan, Silke Bachmann, Johannes Schröder, Justin McArthur, E. Fuller Torrey, & Robert H. Yolken.** 2001. "Retroviral RNA identified in the cerebrospinal fluids and brains of individuals with schizophrenia." *Proceedings of the National Academy of Sciences* **98** (10 April): 4634-4639.
- Karlstrom, Karl E., Ryan Crow, L. J. Crossey, D. Coblenz, & J. W. Van Wijk.** 2008. "Model for tectonically driven incision of the younger than 6 Ma Grand Canyon." *Geology* **36** (November): 835-838.
- Karlstrom, Karl E., Ryan S. Crow, Lisa Peters, William McIntosh, Jason Raucchi, Laura J. Crossey, Paul Umhoefer, & Nelia Dunbar.** 2007. "⁴⁰Ar/³⁹Ar and field studies of Quaternary basalts in Grand Canyon and model for carving Grand Canyon: Quantifying the interaction of river incision and normal faulting across the western edge of the Colorado Plateau." *The Geological Society of America GSA Bulletin* **119** (November): 1283-1312.
- Karlstrom, Karl E., Carol M. Dehler, Zachary D. Sharp, John W. Geissman, Maya B. Elrick, J. Michael Timmons, Laura J. Crossey, Samuel A. Bowring, Kathleen L. Davidek, Andrew H. Knoll, Susannah M. Porter, David J. Des Marais, & Arlo B. Weil.** 2000. "Chuar Group of the Grand Canyon: Record of breakup of Rodinia, associated change in the global carbon cycle, and ecosystem expansion by 740 Ma." *Geology* **28** (July): 619-622.
- Karlstrom, Karl E., Stephen S. Harlan, Michael L. Williams, James McLelland, John W. Geissman, & Karl-Inge Åhäll.** 1999. "Refining Rodinia: Geological Evidence for the Australia-Western U.S. connection in the Proterozoic." *GSA Today* **9** (October): 1-7.
- Karlstrom, Karl E., Bradley R. Ilig, David Hawkins, Michael L. Williams, Gregory Dumond, Kevin Mahan, & Samuel A. Bowring.** 2012. "Vishnu basement rocks of the Upper Granite Gorge: Continent formation 1.84 to 1.66 billion years ago." *The Geological Society of America Special Papers* **489**: 7-24.
- Karlstrom, Karl E., John P. Lee, Shari A. Kelley, Ryan S. Crow, Laura J. Crossey, Richard A. Young, Greg Lazear, L. Sue Beard, Jason W. Ricketts, Matthew Fox, & David L. Shuster.** 2014. "Formation of the Grand Canyon 5 to 6 million years ago through integration of older palaeocanyons." *Nature Geoscience* **7** (March): 239-244.

- Karlstrom, Karl E., John Lee, Shari Kelley, Ryan Crow, Richard A. Young, Ivo Lucchitta, L. Sue Beard, Rebecca Dorsey, Jason W. Ricketts, William R. Dickinson, & Laura Crossey.** 2013. "Comment on 'Apatite $^4\text{He}/^3\text{He}$ and (U-Th)/He Evidence for an Ancient Grand Canyon'." *Science* **340** (12 April): 143.
- Karlstrom, Karl E., & J. Michael Timmons.** 2012a. "Many unconformities make one Great Unconformity." *The Geological Society of America Special Papers* **489**: 73-79.
- . 2012b. "Faulting and uplift in the Grand Canyon region." *The Geological Society of America Special Papers* **489**: 93-107.
- Karmiloff-Smith, Annette, & Michael Thomas.** 2003. "What can developmental disorders tell us about the neurocomputational constraints that shape development? The case of Williams syndrome." *Developmental Psychopathology* **15** (Fall): 969-990.
- Karnani, Mahesh, & Arto Annala.** 2009. "Gaia again." *BioSystems* **95** (January): 82-87.
- Karnath, Hans-Otto, Susanne Ferber, & Marc Himmelbach.** 2001. "Spatial awareness is a function of the temporal not the posterior parietal lobe." *Nature* **411** (21 June): 950-953.
- Karner, Daniel B., & Richard A. Muller.** 2000. "A Causality Problem for Milankovitch." *Science* **288** (23 June): 2143-2144.
- Karni, Avi, & Dov Sagi.** 1993. "The time course of learning a visual skill." *Nature* **365** (16 September): 250-252.
- Karni, Avi, David Tanne, Barton S. Rubenstein, Jean J. M. Askenasy, & Dov Sagi.** 1994. "Dependence of REM Sleep of Overnight Improvement of a Perceptual Skill." *Science* **265** (29 July): 679-682.
- Karnick, S. T., & Diane Carol Bast,** eds. 2013. *Climate Change Reconsidered II: Physical Science*. Chicago: The Heartland Institute.
- Karowe, Amy L., & Timothy H. Jefferson.** 1987. "Burial of trees by eruptions of Mount St. Helens, Washington: Implications for the interpretation of fossil forests." *Geological Magazine* **124** (May): 191-204.
- Kárpáti, Zsolt, Marco Tasin, Ring T. Cardé, & Teun Dekker.** 2013. "Early quality assessment lessons pheromone specificity in a moth." *Proceedings of the National Academy of Sciences* **110** (30 April): 7277-7382.
- Karsenti, Eric.** 2007. "Self-organisation processes in living matter." *Interdisciplinary Science Reviews* **32** (2): 163-175.
- . 2008. "Self-organization in cell biology: a brief history." *Nature Reviews Molecular Cell Biology* **9** (March): 255-262.
- Karsten, Kristopher B., Laza N. Andriamandimbiarisoa, Stanley F. Fox, & Christopher J. Raxworthy.** 2008. "A unique life history among tetrapods: An annual chameleon living mostly as an egg." *Proceedings of the National Academy of Sciences* **105** (1 July): 8980-8984.
- Karten, Harvey J.** 1997. "Evolutionary developmental biology meets the brain: The origins of mammalian cortex." *Proceedings of the National Academy of Sciences* **94** (1 April): 2800-2804.
- . 2015. "Vertebrate brains and evolutionary connectomics: on the origins of the mammalian 'neocortex'." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **370** (19 December): 20150060.
- Kasada, Minoru, Masato Yamamichi, Takehito Yoshida, ren, Alm, & Tal Pupko.** 2014. "Form of an evolutionary tradeoff affects eco-evolutionary dynamics in a predator-prey system." *Proceedings of the National Academy of Sciences* **111** (11 November): 16035-16040.
- Kasamatsu, Jun, Yoichi Sutoh, Kazunori Fugo, Noriyuki Otsuka, Kazuya Iwabuchi, & Masanori Kasahara.** 2010. "Identification of a third variable lymphocyte receptor in the lamprey." *Proceedings of the National Academy of Sciences* **107** (10 August): 14304-14308.
- Kaschube, Matthias, Michael Schnabel, Siegrid Löwel, David M. Coppola, Leonard E. White, & Fred Wolf.** 2010. "Universality in the Evolution of Orientation Columns in the Visual Cortex." *Science* **330** (19 November): 1113-1116.

- Kase, Tomoki, & Makiko Ishikawa.** 2003. “Mystery of naticid predation history solved: Evidence from a ‘living fossil’ species.” *Geology* **31** (May): 403-406.
- Kase, Tomoki, Paul A. Johnston, Adolf Seilacher, & Japeth B. Boyce.** 1998. “Alleged mosasaur bite marks on Late Cretaceous ammonites are limpet (patellogastropod) home scars.” *Geology* **26** (October): 947-950.
- Kasehagen, Andy.** 2013. “Lt. Col. Kenneth Reyes.” *Military Religious Freedom Foundation* 30 July posting (online text at www.militaryreligiousfreedom.org accessed 8/18/2013).
- Kashdan, Todd B.** 2010. “Why Does Religion Persist? A Look at Bizarre Ideas, Hypocrisy, and God’s Obsession with Sex.” *Curious?* posting 10 June (online text at psychologytoday.com accessed 6/14/2012).
- Kashti, Or.** 2010a. “Oust head scientist for challenging evolution.” *Haaretz* 26 February posting (online text at www.haaretz.com accessed 10/9/2010).
- . 2010b. “Head scientist vows to toe the line on Darwin and global warming.” *Haaretz* 9 March posting (online text at www.haaretz.com accessed 10/9/2010).
- . 2010c. “Sa’ar dismisses chief scientist for questioning evolution.” *Haaretz* 5 October posting (online text at www.haaretz.com accessed 10/9/2010).
- Kashti, Or, & Zafir Rinat.** 2010. “Scientists irate after top education official questions evolution.” *Haaretz* 21 February posting (online text at www.haaretz.com accessed 10/9/2010).
- Kasinsky, Harold E., John D. Lewis, Joel B. Dacks, & Juan Ausió.** 2001. “Origin of H1 linker histones.” *Federation of American Societies for Experimental Biology The FASEB Journal* **15** (January): 34-42.
- Kasowski, Maya, Sofia Kyriazopoulou-Panagiotopoulou, Fabian Grubert, Judith B. Zaugg, Anshul Kundaje, Yuling Liu, Alan P. Boyle, Qiangfeng Cliff Zhang, Fouad Zakharia, Damek V. Spacek, JingJing Li, Dan Xie, Anthony Olarerin-George, Lars M. Steinmetz, John B. Hogenesch, Manolis Kellis, Serafim Batzoglou, & Michael Snyder.** 2013. “Extensive Variation in Chromatin States Across Humans.” *Science* **342** (8 November): 750-752.
- Kaspari, Michael.** 2014. “Road salt offers insights into the connections between diet and neural development.” *Proceedings of the National Academy of Sciences* **111** (15 July): 10033-10034.
- Kasper, Andrew E., Henry N. Andrews, & William H. Forbes.** 1974. “New fertile species of Psilophyton from the Devonian of Maine.” *American Journal of Botany* **61** (April): 339-359.
- Kasprak, Alex.** 2016. “‘Monkey archaeology’ reveals macaque’s own Stone Age culture.” *New Scientist* (10 June): online text accessed 6/15/2016 (newscientist.com).
- Kassahn, Karin S., Vinh T. Dang, Simon J. Wilkins, Andrew C. Perkins, & Mark A. Ragan.** 2009. “Evolution of gene function and regulatory control after whole-genome duplication: Comparative analyses in vertebrates.” *Genome Research* **19** (August): 1404-1418.
- Kasting, James F.** 1993. “Earth’s Early Atmosphere.” *Science* **259** (12 February): 920-926.
- . 1997. “Warming Early Earth and Mars.” *Science* **276** (23 May): 1213-1215.
- . 2001. “The Rise of Atmospheric Oxygen.” *Science* **293** (3 August): 819-820.
- . 2006. “Ups and downs of ancient oxygen.” *Nature* **443** (12 October): 643-644.
- . 2010. “Faint young Sun redux.” *Nature* **464** (1 April): 687-689.
- . 2013. “How Was Early Earth Kept Warm?” *Science* **339** (4 January): 44-45.
- Kasting, James F., & David Catling.** 2003. “Evolution of a Habitable Planet.” *Annual Review of Astronomy and Astrophysics* **41**: 429-463.
- Kasting, James F., David C. Catling, & Kevin Zahnle.** 2012. “Atmospheric oxygenation and volcanism.” *Nature* **487** (26 July): E1.
- Kasting, James F., & M. Tazewell Howard.** 2006. “Atmospheric composition and climate on the early Earth.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (October): 1733-1742.
- Kasting, James F., Ravikumar Kopparapu, Ramses M. Ramirez, Chester E. Harman, Ioyd, & David F. Blair.** 2014. “Remote life-detection criteria, habitable zone boundaries, and

- the frequency of Earth-like planets around M and late K stars.” *Proceedings of the National Academy of Sciences* **111** (2 September): 12647-12654.
- Kasting, James F., & Shuhei Ono.** 2006. “Palaeoclimates: the first two billion years.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **361** (June): 917-929.
- Kasting, James F., & Janet L. Siefert.** 2002. “Life and the Evolution of Earth’s Atmosphere.” *Science* **296** (10 May): 1066-1068.
- Kasumovic, Michael M., & Maydianne C. B. Andrade.** 2006. “Male development tracks rapidly shifting sexual selection vs. natural selection pressures.” *Current Biology* **16** (4 April): R242-R243.
- Kasumovic, Michael M., Matthew J. Bruce, Maydianne C. B. Andrade, & Marie E. Herberstein.** 2008. “Spatial and Temporal Demographic Variation Drives Within-Season Fluctuations in Sexual Selection.” *Evolution* **62** (September): 2316-2325.
- Katayama, Natsu, Jessica K. Abbott, Jostein Kjærandsen, Yuma Takahashi, & Erik I. Svensson.** 2014. “Sexual selection on wing interference patterns in *Drosophila melanogaster*.” *Proceedings of the National Academy of Sciences* **111** (2 October): 15144-15148.
- Katju, Vaishali, & Michael Lynch.** 2006. “On the Formation of Novel Genes by Duplication in the *Caenorhabditis elegans* Genome.” *Molecular Biology and Evolution* **23** (May): 1056-1067.
- Kato, Ko, Kazuhito Fujiyama, Haruyo Sawai Hatanaka, Irfan Dwidya Priyambada, Seiji Negoro, Itaru Urabe, & Hirotsugu Okada.** 1991. “Amino acid alterations essential for increasing the catalytic activity of the nylon-oligomer-degradation enzyme of *Flavobacterium* sp.” Federation of European Biochemical Societies *FEBS Journal* **200** (August): 165-169.
- Kato, Ko, Kinya Ohtsuki, Yuji Koda, Tohru Maekawa, Tetsuya Yomo, Seiji Negoro, & Itaru Urabe.** 1995. “A plasmid encoding enzymes for nylon oligomer degradation: nucleotide sequence and analysis of pOAD2.” *Microbiology* **141** (October): 2585-2590.
- Kato, Mariko, Hideyuki Saio, Izumi Hachisu, & Ken’ichi Nomoto.** 2014. “Shortest recurrence periods of novae.” *The Astronomical Journal* **793** (1 October): 136.
- Kato, Mikio, Chad J. McAllister, Shingo Hokabe, Nobuyoshi Shimizu, & Yuri L. Lyubchenko.** 2002. “Structural heterogeneity of pyrimidine/purine-biased DNA sequence analyzed by atomic force microscopy.” *European Journal of Biochemistry* **269** (August, No. 15): 3632-3636.
- Kato, Yasuhiro, Kosei E. Yamaguchi, & Horoshi Ohmoto.** 2006. “Rare earth elements in Precambrian banded iron formations: Secular changes of Ce and Eu anomalies and evolution of atmospheric oxygen.” *The Geological Society of America Memoirs* **198**: 269-289.
- Katoh, Shigehiro, Yonas Beyene, Tetsumaru Itaya, Hironobu Hyodo, Masayuki Hyodo, Koshi Yagi, Chitaro Gouzu, Giday WoldeGabriel, William K. Hart, Stanley H. Ambrose, Hideo Nakaya, Raymond L. Bernor, Jean-Renaud Boisserie, Faysal Bibi, Haruo Saegusa, Tomohiko Sasaki, Katsuhiko Sano, Berhane Asfaw, & Gen Suwa.** 2016. “New geological and palaeontological age constraint for the gorilla-human lineage split.” *Nature* **530** (11 February): 215-218.
- Kato-Yamada, Yasuyuki, Dirk Bald, Mamiko Koike, Ken Motohashi, Toru Hisabori, & Masasuke Yoshida.** 1999. “ε Subunit, an Endogenous Inhibitor of Bacterial F₁-ATPase, Also Inhibits F₀ F₁-ATPase.” *The Journal of Biological Chemistry* **274** (26 November): 33991-33994.
- Katritch, Vsevolod, Vadim Cherezov, & Raymond C. Stevens.** 2012. “Diversity and modularity of G protein-coupled receptor structures.” *Trends in Pharmacological Sciences* **33** (January): 17-27.
- Katsir, Leon, Kelli A. Davies, Dominique C. Bergmann, & Thomas Laux.** 2011. “Peptide signaling in plant development.” *Current Biology* **21** (10 May): R356-R364.
- Katsnelson, Alla.** 2010a. “Odd Man Out.” *The Scientist* (March) article (online text at the-

- scientist.com* accessed 3/3/2010).
- . 2010b. “Microbe gets toxic response.” *Nature* **468** (9 December): 741.
- Katsuki, Takeo, & Ralph J. Greenspan.** 2013. “Jellyfish nervous systems.” *Current Biology* **23** (22 July): R592-R594.
- Katz, Jonathan M., & Richard Pérez-Peña.** 2015. “In Chapel Hill Shooting of 3 Muslims, a Question of Motive.” *The New York Times* posting 11 February: online text accessed 2/12/2015 (www.nytimes.com).
- Katz, Miriam E., Benjamin S. Cramer, J. R. Toggweiler, Gar Esmay, Chengjie Liu, Kenneth G. Miller, Yair Rosenthal, Bridget S. Wade, & James D. Wright.** 2011. “Impact of Antarctic Circumpolar Current Development on Late Paleogene Ocean Structure.” *Science* **332** (27 May): 1076-1079.
- Katz, Miriam E., Zoe V. Finkel, Daniel Grzebyk, Andrew H. Knoll, & Paul G. Falkowski.** 2004. “Evolutionary Trajectories and Biogeochemical Impacts of Marine Eukaryotic Phytoplankton.” *Annual Review of Ecology and Systematics* **35**: 523-556.
- Katz, Yael, Kolbjørn Tunstrøm, Christos C. Ioannou, Cristián Huepe, & Iain D. Couzin.** 2011. “Inferring the structure and dynamics of interactions in schooling fish.” *Proceedings of the National Academy of Sciences* **108** (15 November): 18720-18725.
- Katzman, Sol, Andrew D. Kern, Gill Bejerano, Ginger Fewell, Lucinda Fulton, Richard K. Wilson, Sofie R. Salama, & David Haussler.** 2007. “Human Genome Ultraconserved Elements are Ultraselected.” *Science* **317** (17 August): 915.
- Katzourakis, Aris, & Amr Aswad.** 2014. “The origins of giant viruses, virophages and their relatives in host genomes.” *BMC Biology* (online @ biomedcentral.com) **12** (30 June): 51.
- Katzourakis, Aris, Robert J. Gifford, Michael Tristem, M. Thomas P. Gilbert, & Oliver G. Pybus.** 2009. “Macroevolution of Complex Retroviruses.” *Science* **325** (18 September): 1512.
- Katzourakis, Aris, & Michael Tristem.** 2005. “Phylogeny of Human Endogenous and Exogenous Retroviruses,” in Sverdlov (2005a, 186-203).
- Katz-Sidlow, Rachel J.** 1998. “In the Darwin family tradition: another look at Charles Darwin’s ill health.” *Journal of the Royal Society of Medicine* **91** (September): 484-488.
- Kauer, John S.** 2002. “On the scents of smell in the salamander.” *Nature* **417** (16 May): 336-342.
- Kauffman, Christina.** 2005. “Witness: Science too elite.” *The York Dispatch* (Dover, Pennsylvania) posting 3 November (online text at www.yorkdispatch.com accessed 12/8/2005, not available as of 4/11/2014).
- Kauffman, Joel M.** 2008. “Heat?” *Origins* posting of *LewRockwell.com* (27 October) article (online pdf at www.alcazar.net accessed 6/15/2011).
- Kauffman, Stuart A.** 1993. *The Origins of Order: Self-Organization and Selection in Evolution*. New York: Oxford University Press.
- . 1996. “Even peptides do it.” *Nature* **382** (8 August): 496-497.
- . 2000. *Investigations*. Oxford: Oxford University Press.
- . 2009. “No, but only if...,” in *Templeton Foundation* (2009, 27-28).
- . 2011. “Approaches to the Origin of Life on Earth.” *Life* (online @ www.mdpi.com) **1** (November): 34-48.
- . 2013. “Evolution Beyond Entailing Law: The Roles of Embodied Information and Self-Organization,” in Marks *et al.* (2013a, 513-532).
- Kauffman, Stuart, Robert K. Logan, Robert Este, Randy Goebel, David Hobill, & Ilya Shmulevich.** 2008. “Propagating organization: an enquiry.” *Biology and Philosophy* **23** (January): 27-45.
- Kauffmann, Guinevere, & Frank van den Bosch.** 2002. “The Life Cycle of Galaxies.” *Scientific American* **286** (June): 46-52, 56-58.
- Kaufman, Alan J.** 1997. “An ice age in the tropics.” *Nature* **386** (20 March): 227-228.
- Kaufman, Alan J., David T. Johnston, James Farquhar, Andrew L. Masterson, Timothy W. Lyons, Steve Bates, Ariel D. Anbar, Gail L. Arnold, Jessica Garvin, & Roger Buick.** 2007. “Late Archean Biospheric Oxygenation and Atmospheric Evolution.” *Science* **317**

- (28 September): 1900-1903.
- Kaufman, Alan J., Andrew H. Knoll, & Guy M. Narbonne.** 1997. "Isotopes, ice ages, and terminal Proterozoic earth history." *Proceedings of the National Academy of Sciences* **94** (24 June): 6600-6605.
- Kaufman, Alan J., & Shuhai Xiao.** 2003. "High CO₂ levels in the Proterozoic atmosphere estimated from analyses of individual microfossils." *Nature* **425** (18 September): 279-282.
- Kaufman, Alexander C.** 2017. "Republican Running For Open Montana House Seat Doubles Down On Creationist Stance." *Huffington Post* posting 17 April (online text at huffingtonpost.com accessed 5/24/2017).
- Kaufman, Benjamin.** 2002. "Why NARTH? The American Psychiatric Association's Destructive and Blind Pursuit of Political Correctness." *Regent University Law Review* **14** (Spring): 423-442.
- Kaufman, Darrell S., Gary O'Brien, Jim I. Mead, Jordon Bright, & Paul Umhoefer.** 2002. "Late Quaternary Spring-Fed Deposits of the Grand Canyon and Their Implication for Deep Lava-Damned Lakes." *Quaternary Research* **58** (November): 329-340.
- Kaufman, Darrell S., David P. Schneider, Nicholas P. McKay, Caspar M. Ammann, Raymond S. Bradley, Keith R. Briffa, Gifford H. Miller, Bette L. Otto-Bliesner, Jonathan T. Overpeck, Bo M. Vinther, & Arctic Lakes 2k Project Members.** 2009. "Recent Warming Reverses Long-Term Arctic Cooling." *Science* **325** (4 September): 1236-1239.
- Kaufman, Matt.** 1998. "Pro-life 'Mobsters', Darwinist Censors, and Condom Study." Focus on the Family *Citizen Magazine* 11 September 2001 posting (online text at www.family.org accessed 10/16/2001).
- . 1999. "A big bang in Kansas." Focus on the Family *Citizen Magazine* 11 September 2001 posting (online text at www.family.org accessed 10/16/2001).
- Kaufman, Matthew T., & Anne K. Churchland.** 2013. "Sensory noise drives bad decisions." *Nature* **496** (11 April): 172-173.
- Kaufman, Scott.** 2014a. "Oklahoma school district OKs 'Bible curriculum' created by Hobby Lobby president." *The Raw Story* 16 April posting (online text at www.rawstory.com accessed 7/15/2014).
- . 2014b. "GOP candidate from 'Duck Dynasty' clan blames Richard Dawkins, atheists for Sandy Hook massacre." *The Raw Story* 3 October posting (online text at www.rawstory.com accessed 10/3/2014).
- . 2015a. "'Junk DNA' from million-year-old viruses actually plays vital role in human intelligence study." *The Raw Story* 12 January posting (online text at www.rawstory.com accessed 1/12/2015).
- . 2015b. "Irate Christian parent: 'I am getting sick and tired of dinosaurs being forced on our children'." *The Raw Story* 13 February posting (online text at www.rawstory.com accessed 2/13/2015).
- . 2015c. "Reagan speeches and Bible studies? Okla. Lawmakers are killing AP history—and replacing it with this." *The Raw Story* 18 February posting (online text at www.rawstory.com accessed 2/18/2015).
- Kaufman, Will.** 2016. "Woody Guthrie, 'Old Man Trump' and a real estate empire's racist foundations." *The Conversation* 21 January posting (online text at theconversation.com accessed 12/21/2016).
- Kaufmann, Michael.** 2009. "On the Free Energy That Drove Primordial Anabolism." *International Journal of Molecular Sciences* **10** (April): 1853-1871.
- Kaufmann, Robert K., Heikki Kauppi, Michael L. Mann, & James H. Stock.** 2011. "Reconciling anthropogenic climate change with observed temperature 1998-2008." *Proceedings of the National Academy of Sciences* **108** (19 July): 11790-11793.
- Kaufmann, Robert K., Michael L. Mann, Sucharita Gopal, Jackie A. Liederman, Peter D. Howe, Felix Pretis, Xiaojing Tang, & Michelle Gilmore.** 2017. "Spatial heterogeneity of climate change as an experiential basis for skepticism." *Proceedings of the National Academy of Sciences* **114** (3 January): 67-71.

- Kaushik, Susmita, Jose Antonio Rodriguez-Navarro, Esperanza Arias, Roberta Kiffin, Srabani Sahu, Gary J. Schwartz, Ana Maria Cuervo, & Rajat Singh.** 2011. "Autophagy in hypothalamic AgRP neurons regulates food intake and energy balance." *Cell Metabolism* **14** (3 August): 173-183.
- Kavanagh, Kathryn D., Alistair R. Evans, & Jukka Jernvall.** 2007. "Predicting evolutionary patterns of mammalian teeth from development." *Nature* **449** (27 September): 427-432.
- Kavanagh, Kathryn D., Oren Shoval, Benjamin B. Winslow, Uri Alon, Brian P. Leary, Akinori Kan, & Clifford J. Tabin.** 2013. "Developmental bias in the evolution of phalanges." *Proceedings of the National Academy of Sciences* **110** (5 November): 18190-18195.
- Kawaguchi, T., & A. W. Decho.** 2002. "A laboratory investigation of cyanobacterial extracellular polymeric secretions (EPS) in influencing CaCO₃ polymorphism." *Journal of Crystal Growth* **240** (April): 230-235.
- Kawaguchi, Tetsuya, Akie Tanigawa, Takao Naganuma, Yasuyuki Ohkawa, Sylvie Souquere, Gerard Pierron, & Tetsuro Hirose.** 2015. "SWI/SNF chromatin-remodeling complexes function in noncoding RNA-dependent assembly of nuclear bodies." *Proceedings of the National Academy of Sciences* **112** (7 April): 4304-4309.
- Kawahara, Akito Y.** 2009. "Phylogeny of snout butterflies (Lepidoptera: Nymphalidae: Libytheinae): combining evidence from the morphology of extant, fossil, and recently extinct taxa." *Cladistics* **25** (June): 263-278.
- Kawahara, Akito Y., & Jesse R. Barber.** 2015. "Tempo and mode of antibat ultrasound production and sonar jamming in the hawkmoth radiation." *Proceedings of the National Academy of Sciences* **112** (19 May): 6407-6412.
- Kawai, Jun.** 2017. "Comment on 'Ribose and related sugars from ultraviolet irradiation of interstellar ice analogs'." *Science* **355** (13 January): 141.
- Kawai, Jun, Seema Jagota, Takeo Kaneko, Yumiko Obayashi, Yoshitaka Yoshimura, Bishun N. Khare, David W. Deamer, Christopher P. McKay, & Kensei Kobayashi.** 2013. "Self-assembly of tholins in environments simulating Titan liquidospheres: Implications for formation of primitive coacervates on Titan." *International Journal of Astrobiology* **12** (October): 282-291.
- Kawai, Toshihide, Morimitsu Nishikimi, Takayuki Ozawa, & Kunio Yagi.** 1992. "A Missense Mutation of L-Gulonolactone Oxidase Causes the Inability of Scurvy-prone Osteogenic Disorder Rats to Synthesize L-Ascorbic Acid." *The Journal of Biological Chemistry* **267** (25 October): 973-976.
- Kawakatsu, Hitoshi, Prakash Kumar, Yasuko Takei, Masanao Shinohara, Toshihiko Kanazawa, Eiichiro Araki, & Kiyoshi Suyehiro.** 2009. "Seismic Evidence for Sharp Lithosphere-Asthenosphere Boundaries of Oceanic Plates." *Science* **324** (24 April): 499-502.
- Kawakita, Atsushi, & Makoto Kato.** 2002. "Floral Biology and Unique pollination system of root holoparasites, *Balanophor kuroiwai* and *B. tobiracola* (Balanophoraceae)." *American Journal of Botany* **89** (July): 1164-1170.
- Kawamura, Kenji, Ayako Abe-Ouchi, Hideaki Motoyama, Yutaka Ageta, Shuji Aoki, Nobuhiko Azuma, Yoshiyuki Fujii, Koji Fujita, Shuji Fujita, Kotaro Fukui, Teruo Furukawa, Atsushi Furusaki, Kumiko Goto-Azuma, Ralf Greve, Motohiro Hirabayashi, Takeo Hondoh, Akira Hori, Shinichiro Horikawa, Kazuho Horiuchi, Makoto Igarashi, Yoshinori Iizuka, Takao Kameda, Hiroshi Kanda, Mika Kohno, Takayuki Kuramoto, Yuki Matsushi, Morihiro Miyahara, Takayuki Miyake, Atsushi Miyamoto, Yasuo Nagashima, Yoshiki Nakayama, Takakiyo Nakazawa, Fumio Nakazawa, Fumihiko Nishio, Ichio Obinata, Rumi Ohgaito, Akira Oka, Jun'ichi Okuno, Junichi Okuyama, Ikumi Oyabu, Frédéric Parrenin, Frank Pattyn, Fuyuki Saito, Takashi Saito, Takeshi Saito, Toshimitsu Sakurai, Kimikazu Sasa, Hakime Seddik, Yasuyuki Shibata, Kunio Shinbori, Keisuke Suzuki, Toshitaka Suzuki, Akiyoshi Takahashi, Kunio Takahashi, Shuhei Takahashi, Morimasa Takata, Yoichi Tanaka, Ryu Uemura, Genta Watanabe, Okitsugu Watanabe, Tetsuhide Yamasaki, Kotaro Yokoyama, Masakazu Yoshimori, & Takayasu Yoshimoto.** 2017. "State

- dependence of climatic instability over the past 720,000 years from Antarctic ice cores and climate modeling.” *Science Advances* **3** (8 February): e1600446 (online at sciencemag.org).
- Kawamura, Kunio, & James P. Ferris.** 1999. “Clay Catalysis of Oligonucleotide Formation: Kinetics of the Reaction of the 5'-Phosphorimidazolides of Nucleotides with the Non-Basic Heterocycles Uracil and Hypoxanthine.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **29** (December): 563-591.
- Kawamura, Kunio, & Jun Maeda.** 2007. “Kinetic Analysis of Oligo(C) Formation from the 5'-Monophosphorimidazolide of Cytadine with Pb(II) Ion Catalyst at 10-75° C.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **37** (April): 153-165.
- Kawamura, Yoshinori, Kuniaki Saito, Taishin Kin, Yukiteru Ono, Kiyoshi Asai, Takafumi Sunohara, Tomoko N. Okada, Mikiko C. Siomi, & Haruhiko Siomi.** 2008. “*Drosophila* endogenous small RNAs bind to Argonaute 2 in somatic cells.” *Nature* **453** (5 June): 793-797.
- Kawano, Sandy M., William C. Bridges, Heiko L. Schoenfuss, Takashi Maie, & Richard W. Blob.** 2009. “Differences in locomotor behavior correspond to different patterns of morphological selection in two species of waterfall-climbing gobiid fishes.” *Evolutionary Ecology* **27** (September): 949-969.
- Kawarsky, Sheldon J., Parvathi K. Basrur, Robert B. Stubbings, Peter J. Hansen, & W. Allan King.** 1996. “Chromosomal Abnormalities in Bovine Embryos and Their Influence on Development.” *Biology of Reproduction* **54** (January): 53-59.
- Kawasaki, Hiroko, Takeru Nose, Tatsushi Muta, Sadaaki Iwanaga, Yasuyuki Shimohigashi, & Shun-ichiro Kawabata.** 2000. “Head-to-Tail Polymerization of Coagulin, a Clottable Protein of the Horseshoe Crab.” *The Journal of Biological Chemistry* **275** (10 November): 35297-35301.
- Kawasaki, Kazuhiko, Anne-Gaelle Lafont, & Jean-Yves Sire.** 2011. “The Evolution of Milk Casein Genes from Tooth Genes Before the Origin of Mammals.” *Molecular Biology and Evolution* **28** (July): 2053-2061.
- Kawasaki, Tsuneomi, Mai Nakaoda, Nobuhiro Kaito, Taisuke Sasagawa, & Kenso Soai.** 2010. “Asymmetric Autocatalysis Induced by Chiral Crystals of Achiral Tetraphenylethylenes.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **40** (February): 65-78.
- Kawata, Masakado, & Jin Yoshimura.** 2000. “Speciation by sexual selection in hybridizing populations without viability selection.” *Evolutionary Ecology Research* **2** (July): 897-909.
- Kay, Aaron C., Danielle Gaucher, Ian McGregor, & Kyle Nash.** 2010. “Religious Belief as Compensatory Control.” *Personality and Social Psychology Review* **14** (February): 37-48.
- Kay, Aaron C., Jennifer A. Whiston, Danielle Gaucher, & Adam D. Galinsky.** 2009. “Compensatory Control: Achieving Order Through the Mind, Our Institutions, and the Heavens.” *Current Directions in Psychological Science* **18** (October): 264-268.
- Kay, Kathleen M., & Risa D. Sargent.** 2009. “The Role of Animal Pollination in Plant Speciation: Integrating Ecology, Geography, and Genetics.” *Annual Review of Ecology, Evolution and Systematics* **40**: 637-656.
- Kay, Kathleen M., & Douglas W. Schemske.** 2008. “Natural Selection Reinforces Speciation in a Radiation of Neotropical Rainforest Plants.” *Evolution* **62** (October): 2628-2642.
- Kay, Leslie M., & Mark Stopfer.** 2006. “Information processing in the olfactory systems of insects and vertebrates.” *Seminars in Cell & Developmental Biology* **17** (August): 433-442.
- Kay, Richard F.** 2012. “Evidence for an Asian origin of stem anthropoids.” *Proceedings of the National Academy of Sciences* **109** (26 June): 10132-10133.
- . 2015a. “Biogeography in deep time—What do phylogenetics, geology, and paleoclimate tell us about early platyrrhine evolution?” *Molecular Phylogenetics and Evolution Part B* **82** (January): 358-374.
- . 2015b. “New world monkey origins.” *Science* **347** (6 March): 1068-1069.
- Kay, Richard F., Victoria M. Campbell, James B. Rossie, Matthew W. Colbert, & Tim B. Rowe.** 2004. “Olfactory Fossa of *Tremacebus harringtoni* (Platyrrhini, Early Miocene,

- Sacanana, Argentina): Implications for Activity Pattern.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1157-1172.
- Kay, Richard F., Matt Cartmill, & Michelle Bulow.** 1998. “The hypoglossal canal and the origin of human vocal behavior.” *Proceedings of the National Academy of Sciences* **95** (28 April): 5417-5419.
- Kay, Richard F., Callum Ross, & Blythe A. Williams.** 1997. “Anthropoid Origins.” *Science* **275** (7 February): 797-804.
- Kayal, Ehsan, Béatrice Roure, Hervé Philippe, Allen G. Collins, & Dennis V. Lavrov.** 2013. “Cnidarian phylogenetic relationships as revealed by mitogenomics.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **13** (9 January): 5.
- Kaye, Thomas G., Gary Gaugler, & Zbigniew Sawlowicz.** 2008. “Dinosaurian Soft Tissues Interpreted as Bacterial Biofilms.” *PLoS ONE* (online @ plosone.org) **3** (July): e2808.
- Kazamia, Elena, Katherine Emma Helliwell, Saul Purton, & Alison Gail Smith.** 2016. “How mutualisms arise in phytoplankton communities: building eco-evolutionary principles for aquatic microbes.” *Ecology Letters* **19** (July): 810-822.
- Kazazian, Haig H. Jr.** 2000. “L1 Retrotransposons Shape the Mammalian Genome.” *Science* **289** (18 August): 1152-1153.
- . 2004. “Mobile Elements: Drivers of Genome Evolution.” *Science* **303** (12 March): 1626-1632.
- Kazin, Michael.** 2006. *A Godly Hero: The Life of William Jennings Bryan*. New York: Alfred A. Knopf.
- Kazlauskas, Romas, & Stefan Lutz.** 2009. “Engineering enzymes by ‘intelligent’ design.” *Current Opinion in Chemical Biology* **13** (February): 1-2.
- Kaźmierczak, Józef.** 1976a. “Devonian and modern relatives of the Precambrian *Eosphaera*: possible significance for the early eukaryotes.” *Lethaia* **9** (January): 39-50.
- . 1976b. “Cyanophycean nature of stromatoporoids.” *Nature* **264** (4 November): 49-51.
- . 1981. “The biology and evolutionary significance of Devonian volvoceans and their Precambrian relatives.” *Acta Palaeontologica Polonica* **26** (3-4): 299-337. Pdf
- Kaźmierczak, Józef, & Władysław Altermann.** 2002. “Neoproterozoic Biomineralization by Benthic Cyanobacteria.” *Science* **298** (20 December): 2351.
- Kaźmierczak, Józef, Max L. Coleman, Michał Gruszczyński, & Stephan Kempe.** 1996. “Cyanobacterial key to the genesis of micritic and peloidal limestones in ancient seas.” *Acta Palaeontologica Polonica* **41** (4): 319-338.
- Kaźmierczak, Józef, & Barbara Kremer.** 2002. “Thermal alteration of Earth’s oldest fossils.” *Nature* **420** (5 December): 477-478.
- Ke, Danbing, Maurice Boissinot, Ann Huletsky, François J. Picard, Johanne Frenette, Marc Ouellette, Paul H. Roy, & Michel G. Bergeron.** 2000. “Evidence for Horizontal Gene Transfer in Evolution of Elongation Factor Tu in Enterocci.” *Journal of Bacteriology* **182** (December, No. 24): 6913-6920.
- Ke, Shengdong, Xiang H.-F. Zhang, & Lawrence A. Chasin.** 2008. “Positive selection acting on splicing motifs reflects compensatory evolution.” *Genome Research* **18** (April): 533-543.
- Ke, Yonggang, Luvena L. Org, William M. Shih, & Peng Yin.** 2012. “Three-Dimensional Structures Self-Assembled from DNA Bricks.” *Science* **338** (30 November): 1177-1183.
- Ke, Yuehai, Bing Su, Xiufeng Song, Daru Lu, Lifeng Chen, Hongyu Li, Chunjian Qi, Sangkot Marzuki, Ranjan Deka, Peter Underhill, Chunjie Xiao, Mark Shriver, Jeff Lell, Douglas Wallace, R. Spencer Wells, Mark Seielstad, Peter Oefner, Dingliang Zhu, Jianzhong Jin, Wei Huang, Ranajit Chakraborty, Zhu Chen, & Li Jin.** 2001. “African Origin of Modern Humans in East Asia: A Tale of 12,000 Y Chromosomes.” *Science* **292** (11 May): 1151-1153.
- Keane, Gerry.** 2001. “Did Darwin Get It Right? Catholics and the Theory of Evolution.” *Theotokos* March posting (online text at www.theotokos.org.uk accessed 8/19/2002).
- Kearney, Richard.** 2003. “Narrative and the Ethics of Remembrance,” in Phillips & Morley (2003a, 51-63).

- Keas, Michael Newton.** 2010. “Collins and Dembski Offer Their Views of Theodicy and God’s Creative Plan.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **62** (September): 214-217.
- . 2011. “TrueU Leader’s Guide: Does God Exist?” *Science and God* posting (online pdf at www.scienceandgod.org/ accessed 6/18/2014).
- . 2012a. “Peer-Reviewed Paper Challenges Darwinism and Pro-Darwin-Only Education.” Focus on the Family Community *TrueU* 17 January posting (online text at www.focusonlinecommunities.com accessed 3/12/2012).
- . 2012b. “Coyne’s Critique of Kuhn: Full of Fury, but Insignificant.” Focus on the Family Community *TrueU* 21 January posting (online text at www.focusonlinecommunities.com accessed 3/12/2012).
- . 2012c. “Revenge of the Peppered Moths?” Focus on the Family Community *TrueU* 14 February posting (online text at www.focusonlinecommunities.com accessed 5/7/2012).
- . 2012d. “Which Worldviews are in Conflict with Science? Plantinga’s BookL Where the Conflict Really Lies.” *The Christian Post Science & Faith Blog* 3 April posting (online text at blogs.christianpost.com accessed 4/4/2012).
- . 2012e. “Unguided Evolution of Humans from Chimp-Like Ancestors is Astronomically Unlikely.” Focus on the Family Community *TrueU* 26 April posting (online text at www.focusonlinecommunities.com accessed 5/7/2012).
- . 2012f. “The Cambrian Explosion—A Major Challenge to Darwinism—Finally Defused by Geologists?” Focus on the Family Community *TrueU* 27 April posting (online text at www.focusonlinecommunities.com accessed 5/7/2012).
- . 2012g. “Removing the Darwinian Spin to Research Dominated by Intelligent Design.” Focus on the Family Community *TrueU* 5 May posting (online text at www.focusonlinecommunities.com accessed 5/7/2012).
- . 2012h. “Pro-ID Paper Examines Irreducible Complexity of Birds in Flight.” Focus on the Family Community *TrueU* 5 May posting (online text at www.focusonlinecommunities.com accessed 5/7/2012).
- . 2012i. “Stand Up to the Bullies, Emory University: Reaffirm Dr. Ben Carson’s Welcome.” Focus on the Family Community *TrueU* 9 May posting (online text at www.focusonlinecommunities.com accessed 5/20/2012).
- . 2012j. “Darwin and Ben Carson on Evolutionary Ethics vs. 500 Emory University Faculty and Students.” Focus on the Family Community *TrueU* 10 May posting (online text at www.focusonlinecommunities.com accessed 5/20/2012).
- . 2013a. “Leading Philosopher Thomas Nagel and his Controversial Critique of Materialistic Darwinism.” *The Christian Post Science & Faith Blog* 21 March posting (online text at blogs.christianpost.com accessed 10/5/2013).
- . 2013b. “Cilia in Your Lungs: Well Designed Machines that Resist Darwinism.” *The Christian Post Science & Faith Blog* 17 April posting (online text at blogs.christianpost.com accessed 4/18/2013).
- . 2013c. “In the Beginning: Episodes in the Origin & Development of Science.” *Salvo Magazine* Fall issue 26 Supplement (online text at salvomag.com accessed 1/27/2014).
- . 2013d. “UC Berkeley’s Marshall Debates Meyer on Darwin’s Doubt: Respectful Discussion of Intelligent Design.” *The Christian Post Science & Faith Blog* 7 December posting (online text at blogs.christianpost.com accessed 12/26/2013).
- . 2014. “College Preparation Event Leader’s Guide.” *Science and God* updated posting of 2011 material (online pdf at www.scienceandgod.org/ accessed 6/18/2014).
- . 2016. “Richard Weikart on the Revealing Inconsistencies of Scientific Materialism.” *Discovery Institute Evolution News & Views* 18 April posting (online text at evolutionnews.org accessed 4/24/2016).
- Keathley, Kenneth.** 2012a. “Southern Baptist Voices: Expressing Our Concerns, Part 1.” *The BioLogos Foundation* posting 28 February (online text at biologos.org accessed 2/22/2014).
- . 2012b. “Southern Baptist Voices: Expressing Our Concerns, Part 2.” *The BioLogos Foundation* posting 29 February (online text at biologos.org accessed 2/22/2014).
- Keating, Christine D.** 2012. “Aqueous Phase Separation as a Possible Route to

- Compartmentalization of Biological Molecules.” *Accounts of Chemical Research* **45** (December): 2114-2124.
- Keating, Frank A.** 1999. “News Release from Governor Keating.” Thomas S. Ray website posting (online text at www.isd.atr.co.jp/~ray/ accessed 1/13/2004, not available as of 4/2/2014).
- Keating, Joseph N., Robert N. Sansom, & Mark A. Purnell.** 2012. “A new Osteostracan fauna from the Devonian of the Welsh borderlands and observations on the taxonomy and growth of Osteostraci.” *Journal of Vertebrate Paleontology* **32** (September): 1002-1017.
- Keating, Stephen.** 2015. “Take me to the multiverse that doesn’t have Donald Trump.” *An und für sich* 28 August posting (online text at itself.wordpress.com accessed 12/24/2015).
- Keay, June, & Joseph W. Thornton.** 2009. “Hormone-Activated Estrogen Receptors in Annelid Invertebrates: Implications for Evolution and Endocrine Disruption.” *Endocrinology* **150** (April): 1731-1738.
- Keebaugh, Elaine C., & James W. Thomas.** 2009. “The genomes of the South American opossum (*Monodelphis domestica*) and platypus (*Ornithorhynchus anatinus*) encode a more complete purine catabolic pathway than placental mammals.” *Comparative Biochemistry and Physiology Part D (Genomics and Proteomics)* **4** (September): 174-178.
- . 2010. “The Evolutionary Fate of the Genes Encoding the Purine Catabolic Enzymes in Hominoids, Birds, and Reptiles.” *Molecular Biology and Evolution* **27** (June): 1359-1369.
- Keefe, Anthony D., Gerald L. Newton, & Stanley L. Miller.** 1995. “A possible prebiotic synthesis of pantetheine, a precursor to coenzyme A.” *Nature* **373** (23 February): 683-685.
- Keefe, Anthony D., & Jack W. Szostak.** 2001. “Functional proteins from a random-sequence library.” *Nature* **410** (5 April): 715-718.
- Keeling, Charles D., & Timothy P. Whorf.** 2000. “The 1,800-year oceanic tidal cycle: A possible cause of rapid climate change.” *Proceedings of the National Academy of Sciences* **97** (11 April): 3814-3819.
- Keeling, Patrick J.** 2004. “Diversity and evolutionary history of plastids and their hosts.” *American Journal of Botany* **91** (October): 1481-1493.
- . 2010. “The endosymbiotic origin, diversification and fate of plastids.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **365** (12 March): 729-748.
- . 2014. “The Impact of History on Our Perception of Evolutionary Events: Endosymbiosis and the Origin of Eukaryotic Complexity.” *Cold Spring Harbor Perspectives in Biology* **6** (February): a016196.
- Keeling, Patrick J., & John M. Archibald.** 2008. “Organelle Evolution: What’s in a Name?” *Current Biology* **18** (22 April): R345-R347.
- Keeling, Patrick J., John M. Archibald, Naomi M. Fast, & Jeffrey D. Palmer.** 2004. “Comment on ‘The Evolution of Modern Eukaryotic Phytoplankton.’” *Science* **306** (24 December): 2191.
- Keeling, Patrick J., John P. McCutcheon, & W. Ford Doolittle.** 2015. “Symbiosis becoming permanent: Survival of the luckiest.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10101-10103.
- Keenan, Julian P., & Jamie Gorman.** 2007. “The causal role of the right hemisphere in self-awareness: It is the brain that is selective.” *Cortex* **43** (8): 1074-1082.
- Keenan, Julian P., Jennifer Rubio, Connie Racioppi, Amanda Johnson, & Allyson Barnacz.** 2005. “The right hemisphere and the dark side of consciousness.” *Cortex* **41** (5): 695-704.
- Keenan, Trevor F.** 2015. “Spring greening in a warming world.” *Nature* **526** (1 October): 48-49.
- Keener, Amanda B.** 2015. “Whaling Specimens, 1930s.” *The Scientist* posting 1 September (online text at the-scientist.com accessed 10/4/2015).
- Keener, J. P.** 2010. “A molecular ruler mechanism for length control of extended protein structures in bacteria.” *Journal of Theoretical Biology* **263** (21 April): 481-489.
- Keener, John C.** 1901. *The Garden of Eden and The Flood*. Nashville, TN: Methodist Episcopal Church, South.

- Keenlyside, N. S., M. Latif, J. Jungclaus, L. Kornbluh, & E. Roeckner.** 2008. “Advancing decadal-scale climate prediction in the North Atlantic sector.” *Nature* **453** (1 May): 84-88.
- Keep, Stephanie.** 2014a. “It May Be a Tale of Two Countries, but There’s Still Just One Climate.” National Center for Science Education *Science League of America* 16 June posting (online text via *ncse.com* accessed 6/20/2014).
- . 2014b. “Well Said! Carl Zimmer and the Persistence of Whale Hip.” National Center for Science Education *Science League of America* 11 September posting (online text via *ncse.com* accessed 9/17/2014).
- . 2014c. “A Wrinkle in (Change Over) Time, Part 1.” National Center for Science Education *Science League of America* 20 October posting (online text via *ncse.com* accessed 11/14/2014).
- . 2014d. “A Wrinkle in (Change Over) Time, Part 2.” National Center for Science Education *Science League of America* 28 October posting (online text via *ncse.com* accessed 11/14/2014).
- . 2014e. “A Wrinkle in (Change Over) Time, Part 3.” National Center for Science Education *Science League of America* 7 November posting (online text via *ncse.com* accessed 11/14/2014).
- . 2014f. “Well Said! Understanding Evolution Gets It Right, To the Surprise of No One.” National Center for Science Education *Science League of America* 18 December posting (online text via *ncse.com* accessed 12/18/2014).
- . 2015a. “Say What? Nicholas Wade and the Worst Idea Ever.” National Center for Science Education *Science League of America* 5 January posting (online text via *ncse.com* accessed 1/9/2015).
- . 2015b. “Misconception Monday: Alas, Poor Linnaeus.” National Center for Science Education *Science League of America* 19 January posting (online text via *ncse.com* accessed 1/23/2015).
- . 2015c. “Say What? The Daily Mail Mucks It Up.” National Center for Science Education *Science League of America* 27 January posting (online text via *ncse.com* accessed 1/31/2015).
- . 2015d. “Chewing on Human Evolution.” National Center for Science Education *Science League of America* 9 March posting (online text via *ncse.com* accessed 3/13/2015).
- . 2015e. “Beijing to Boston: Chatting About Yi qi, Part 1.” National Center for Science Education *Science League of America* 8 May posting (online text via *ncse.com* accessed 5/15/2015).
- . 2015f. “Beijing to Boston: Chatting About Yi qi, Part 2.” National Center for Science Education *Science League of America* 13 May posting (online text via *ncse.com* accessed 5/15/2015).
- . 2015g. “Beijing to Boston: Chatting About Yi qi, Part 3.” National Center for Science Education *Science League of America* 14 May posting (online text via *ncse.com* accessed 5/15/2015).
- . 2015h. “Say What? NHM Signage.” National Center for Science Education *Science League of America* 25 May posting (online text via *ncse.com* accessed 5/29/2015).
- . 2015i. “Say What? A Big Fail in Science News Magazine.” National Center for Science Education *Science League of America* 3 June posting (online text via *ncse.com* accessed 6/5/2015).
- . 2015j. “Homo naledi—Another Awesome Twig on the Human Family Tree, Part 1.” National Center for Science Education *Science League of America* 14 September posting (online text via *ncse.com* accessed 10/19/2015).
- . 2015k. “Homo naledi—Another Awesome Twig on the Human Family Tree, Part 2.” National Center for Science Education *Science League of America* 17 September posting (online text via *ncse.com* accessed 10/19/2015).
- . 2015l. “Homo naledi—Another Awesome Twig on the Human Family Tree, Part 3.” National Center for Science Education *Science League of America* 22 September posting (online text via *ncse.com* accessed 10/19/2015).
- . 2015m. “Discovery of Homo naledi: A Q&A with the Teacher Who Had the Inside

- Scoop, Part 1.” National Center for Science Education *Science League of America* 30 September posting (online text via *ncse.com* accessed 10/19/2015).
- . 2015n. “Discovery of *Homo naledi*: A Q&A with the Teacher Who Had the Inside Scoop, Part 2.” National Center for Science Education *Science League of America* 30 September posting (online text via *ncse.com* accessed 10/19/2015).
- . 2015o. “Talking Paleo With One of the Greats.” National Center for Science Education *Science League of America* 10 December posting (online text via *ncse.com* accessed 12/10/2015).
- . 2016a. “New Details Emerge in Classic Evolutionary Tale, Part 1.” National Center for Science Education *Science League of America* 29 June posting (online text via *ncse.com* accessed 7/8/2016).
- . 2016b. “New Details Emerge in Classic Evolutionary Tale, Part 2.” National Center for Science Education *Science League of America* 5 July posting (online text via *ncse.com* accessed 7/8/2016).
- . 2017. “Fighting for TRUTH in a World of Alternative Facts: An Interview with Ben Santer.” *Reports of the National Center for Science Education* **37** (Spring): 3-6.
- Keep, Stephanie, Ann Reid, & Glenn Branch.** 2015. “Wading into the undeniable.” *Evolution: Education & Outreach* (online @ *evolution-outreach.com*) **8** (13 April): 7.
- Keep God in America.* 2011. “The Jefferson Memorial – God Who Gave us Life Gave us Liberty.” *Keep God in America* undated posting (online text at *www.keeptogodinamerica.com* accessed 12/7/2011).
- Keerthivasan, Ganesan, Amittha Wickrema, & John D. Crispino.** 2011. “Erythroblast Enucleation.” *Stem Cells International* **2011**: 139851.
- Keffer, Lindy.** 2000. “Absolute Truth.” *Focus on the Family* posting (online text at *www.focusonthefamily.com* accessed 4/6/2014).
- Keffer-Wilkes, Laura Carole, Govardhan Reddy Veerareddygar, & Ute Kothe.** 2016. “RNA modification enzyme TruB is a tRNA chaperone.” *Proceedings of the National Academy of Sciences* **113** (13 December): 14306-14311.
- Kehoe, Alice Beck.** 2011. “The Lost Civilizations of North America Found ... Again!” *Reports of the National Center for Science Education* **31** (March-April): 2.1-2.3.
- Kehoe, David M.** 2010. “Chromatic adaptation and the evolution of light color sensing in cyanobacteria.” *Proceedings of the National Academy of Sciences* **107** (18 May): 9029-9030.
- Kehrer-Sawatzki, Hildegard, & David N. Cooper.** 2007. “Understanding the Recent Evolution of the Human Genome: Insights from Human-Chimpanzee Genome Comparisons.” *Human Mutation* **28** (February): 99-130.
- Keightley, Peter D.** 2012. “Rates and Fitness Consequences of New Mutations in Humans.” *Genetics* **190** (February): 295-304.
- Keightley, Peter D., Martin J. Lercher, & Adam Eyre-Walker.** 2005. “Evidence for Widespread Degradation of Gene Control Regions in Hominid Genomes.” *PLoS Biology* (online @ *plosbiology.org*) **3** (February): e42.
- Keightley, Peter D., & Adam Eyre-Walker.** 2000. “Deleterious Mutations and the Evolution of Sex.” *Science* **290** (13 October): 331-333.
- . 2001. “Response to Kondrashov.” *Trends in Genetics* **17** (February): 77-78.
- Keigwin, L. D., & E. A. Boyle.** 2000. “Detecting Holocene changes in thermohaline circulation.” *Proceedings of the National Academy of Sciences* **97** (15 February): 1343-1346.
- Keil, Frank C.** 2011. “Science Starts Early.” *Science* **331** (25 February): 1022-1023.
- . 2013. “The roots of folk biology.” *Proceedings of the National Academy of Sciences* **110** (1 October): 15857-15858.
- Keil, Klaus.** 2001. “Geological History of Asteroid 4 Vesta: The ‘Smallest Terrestrial Planet’,” in Bottke *et al.* (2001, 573-584).
- Keil, Richard G., Daniel B. Montlucon, Frederick G. Prahl, & John L. Hedges.** 1994. “Sorptive preservation of labile organic matter in marine sediments.” *Nature* **370** (18 August): 549-552.

- Keilen, Brent.** 2017. "Please Stand with Dr. Snelling." *Action Alert* 23 May email message (online text via *frc.org* accessed 5/26/2017).
- Keilp, John G., Harold A. Sackeim, Beth S. Brodsky, Maria A. Oquendo, Kevin M. Malone, & J. John Mann.** 2001. "Neuropsychological Dysfunction in Depressed Suicide Attempters." *The American Journal of Psychiatry* **158** (May): 735-741.
- Keim, Brandon.** 2007a. "Creationism in the Classroom: Florida and Texas, Then the Nation." *Wired Science* 10 December (online text at *blog.wired.com* accessed 1/2/2008).
- . 2007b. "Evolution Beats Intelligent Design in Florida." *Wired Science* 27 December (online text at *blog.wired.com* accessed 1/2/2008).
- . 2008. "Anti-Evolution Gains Momentum in Florida." *Wired Science* 22 January (online text at *blog.wired.com* accessed 1/23/2008).
- . 2009. "More 'Evidence' of Intelligent Design Shot Down by Science." *Wired Science* 27 August (online text at *wired.com* accessed 5/14/2011).
- . 2012. "Giant Feathered Tyrannosaur Found in China." *Wired Science* 4 April (online text at *wired.com* accessed 5/20/2012).
- . 2013. "A Neuroscientist's Radical Theory of How Networks Become Conscious." *Wired Science* 14 November (online text at *wired.com* accessed 12/11/2014).
- Keinan, Alon, & Andrew G. Clark.** 2012. "Recent Explosive Human Population Growth Has Resulted in an Excess of Rare Genetic Variants." *Science* **336** (11 May): 740-743.
- Keister, J. C.** 1982. "Math and the Bible." *The Trinity Review* (September-October): 1-8.
- Keith, Arthur.** 1927. "The Brain of Anatole France." *British Medical Journal* **2** (3 December): 1048-1049.
- . 1946. *Evolution and Ethics*. 1947 US ed. of *Essays on Human Evolution*. New York: G. P. Putnam's Sons.
- Keith, M. L., & G. M. Anderson.** 1963. "Radiocarbon Dating: Fictitious Results with Mollusk Shells." *Science* **141** (16 August): 634-637.
- Keith, MacKenzie.** 2001. "Evidence for a plate tectonic debate." *Earth-Science Reviews* **55** (November): 235-336.
- Keith, Stanley B., Stephen J. Reynolds, Paul E. Damon, Muhammad Shafiqullah, Donald E. Livingston, & Paul D. Pushkar.** 1980. "Evidence for Multiple Intrusion and Deformation within the Santa Catalina-Rincon-Tortolita Crystalline Complex, Southeastern Arizona." *The Geological Society of America Memoirs* **153**: 217-267.
- Keith, Terry E. C., & Lloyd W. Staples.** 1985. "Zeolites in Eocene Basaltic Pillow Lavas of the Siletz River Volcanics, Central Coast Range, Oregon." *Clays and Clay Minerals* **33** (April): 135-144.
- Kékesi, Katalin Adrienna, Gábor Juhász, Attila Simor, Péter Gulyássy, Éva Mónika Szegő, Éva Hunyadi-Gulyás, Zsuzsanna Darula, Katalin F. Mendzihradzsky, Miklós Palkovits, Botond Penke, & András Czurkó.** 2012. "Altered Functional Protein Networks in the Prefrontal Cortex and Amygdala of Victims of Suicide." *PLoS ONE* (online @ *plosone.org*) **7** (December): e50532.
- Kekkonen, Jaana, Mikael Wikström, & Jon E. Brommer.** 2012. "Heterozygosity in an Isolated Population of a Large Mammal Founded by Four Individuals Is Predicted by an Individual-Based Genetic Model." *PLoS ONE* (online @ *plosone.org*) **7** (July): e43482.
- Kekonen, Teija, John Moore, Paavo Perämäki, & Tõnu Martma.** 2005. "The Icelandic Laki volcanic tephra layer in the Lomonosovfonna ice core, Svalbard." *Polish Polar Research* **24** (1-2): 33-40.
- Kelaidis, Katherine.** 2016. "How Orthodox Christianity Became The Spiritual Home of White Nationalism." *Religion Dispatches* 30 November posting (online text at *religiondispatches.org* accessed 12/1/2016).
- Kelber, Almut, Anna Balkenius, & Eric J. Warrant.** 2002. "Scotopic colour vision in nocturnal hawkmoths." *Nature* **419** (31 October): 922-925.
- . 2003. "Colour Vision in Diurnal and Nocturnal Hawkmoths." *Integrative and Comparative Biology* (AKA *American Zoologist*) **43** (August): 571-579.
- Kelber, Almut, & Olle Lind.** 2010. "Limits of colour vision in dim light." *Ophthalmic and*

- Physiological Optics* **30** (September): 454-459.
- Kelber, Almut, & Lina S. V. Roth.** 2006. "Nocturnal colour vision—not as rare as we might think." *The Journal of Experimental Biology* **209** (1 March): 781-788.
- Kelch, Brian A., Debora I. Makino, Mike O'Donnell, & John Kuriyan.** 2012. "Clamp loader ATPases and the evolution of RNA replication machinery." *BMC Biology* (online @ biomedcentral.com) **10** (20 April): 34.
- Kele.** 2011. "Terry Mortenson's Creationist Claims! (Updated)." *Kele's Science Blog* 28 February posting (online text at *phylogenous.wordpress.com* accessed 2/12/2012).
- Kelemen, Deborah.** 1999. "The scope of teleological thinking in preschool children." *Cognition* **70** (April): 241-272.
- . 2004. "Are Children 'Intuitive Theists'?" *Psychological Science* **15** (May): 295-301.
- Kelemen, Deborah, & Cara DiYanni.** 2005. "Intuitions About Origins: Purpose and Intelligent Design in Children's Reasoning About Nature." *Journal of Cognition and Development* **6** (1): 3-31.
- Kelemen, Deborah, Natalie A. Emmons, Rebecca Seston Schillaci, & Patricia A. Ganes.** 2014. "Young Children Can Be Taught Basic Natural Selection Using a Picture-Storybook Intervention." *Psychological Science* **25** (April): 893-902.
- Kelemen, Deborah, & Evelyn Rosset.** 2009. "The Human Function Compunction: Teleological explanation in adults." *Cognition* **111** (April): 138-143.
- Kellar, Louise.** 2012. "Creation Evidence Expo Report." *Biodork* posting 27 September (online text at *freethoughtblogs.com/biodork* accessed 10/1/2012).
- Kellaway, Lucy.** 2011. "The Best Time: America, c.15,000BC." *Intelligent Life* (November/December): online text accessed 11/29/2011 (*moreintelligentlife.com*).
- Keller, Andreas, Angela Graefen, Markus Ball, Mark Matzas, Valesca Boisguerin, Frank Maixner, Petra Leidinger, Christina Backes, Rabab Khairat, Michael Forster, Björn Stade, Andre Franke, Jens Mayer, Jessica Spangler, Stephen McLaughlin, Minita Shah, Clarence Lee, Timothy T. Harkins, Alexander Sartori, Andres Moreno-Estrada, Brenna Henn, Martin Sikora, Ornella Semino, Jacques Chiaroni, Siiri Rootsi, Natalie M. Myres, Vicente M. Cabrera, Peter A. Underhill, Carlos D. Bustamante, Eduard Egarter Vigl, Marco Samadelli, Giovanna Cipollini, Jan Haas, Hugo Katus, Brian D. O'Connor, Marc R. J. Carlson, Benjamin Meder, Nikolaus Blin, Eckart Meese, Carsten M. Pusch, & Albert Zink.** 2012. "New insights into the Tyrolean Iceman's origin and phenotype as inferred by whole-genome sequencing." *Nature Communications* (online @ nature.com) **3** (28 February): 698.
- Keller, C. Brenhin, & Blair Schoene.** 2012. "Statistical geochemistry reveals disruption in secular lithospheric evolution about 2.5 Gyr ago." *Nature* **485** (24 May): 490-493.
- Keller, Catherine.** 2015. "Worlds Without End Book event by Catherine Keller." *An und für sich* 21 August posting by **Stephen Keating** (online text at *itself.wordpress.com* accessed 12/24/2015).
- Keller, Evelyn Fox.** 2014. "From gene action to reactive genomes." The Physiological Society (UK) *The Journal of Physiology* **592** (1 June): 2423-2429.
- Keller, Georg B., & Richard H. R. Hahnloser.** 2008. "Neural processing of auditory feedback during vocal practice in a songbird." *Nature* **457** (12 November): 187-190.
- Keller, Gerta, Thierry Adatte, Wolfgang Stinnesbeck, Mario Rebolledo-Vieyra, Jaime Urrutia Fucugauchi, Utz Kramer, & Doris Stüben.** 2004. "Chicxulub impact predates the K-T boundary mass extinction." *Proceedings of the National Academy of Sciences* **101** (16 March): 3753-3758.
- Keller, Gerta, Zsolt Berner, Thierry Adatte, & Doris Stueben.** 2004. "Cenomanian-Turonian and $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$, sea level and salinity variations at Pueblo, Colorado." *Palaeogeography, Palaeoclimatology, Palaeoecology* **211** (19 August): 19-43.
- Keller, G., A. Sahni, & S. Bajpai.** 2009. "Deccan volcanism, the KT mass extinction and dinosaurs." Indian Academy of Sciences *Journal of Biosciences* **34** (November): 709-728.
- Keller, Julia C.** 2003. "Texas Texts Reignite Evolution Debates." *Texas Citizens for Science* posting (online text at *texscience.org* accessed 1/30/2014).

- Keller, L. Robin, Rakesh K. Sarin, & Jayavel Sounderpandian.** 2007. “An examination of ambiguity aversion: Are two heads better than one?” *Judgment and Decision Making* **2** (December): 390-397.
- Keller, Laurent.** 2009. “Adaptation and the genetics of social behaviour.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (November): 3209-3216.
- Keller, Laurent, & Michel Chapuisat.** 1999. “Cooperation among Selfish Individuals in Insect Societies.” *BioScience* **49** (November): 899-909.
- Keller, Markus A., Alexandra V. Turchyn, & Markus Ralsler.** 2014. “Non-enzymatic glycosis and pentose phosphate pathway-like reactions in a plausible Archaen ocean.” *Molecular Systems Biology* (online @ molecularsystemsbiology.com) **10** (1 April): 725.
- Keller, Matthew C., & Geoffrey Miller.** 2006a. “Resolving the paradox of common, harmful, heritable mental disorders: Which evolutionary genetic models work best?” *Behavioral and Brain Sciences* **29** (August): 385-452.
- . 2006b. “An evolutionary framework for mental disorders: Integrating adaptationist and evolutionary genetic models.” *Behavioral and Brain Sciences* **29** (August): 429-441.
- Keller, Mitch.** 2006. “The Scandal at the Zoo.” *The New York Times* posting 6 August: online text accessed 3/24/2013 (www.nytimes.com).
- Keller, Ray, Lance A. Davidson, & David R. Shook.** 2003. “How we are shaped: the biomechanics of gastrulation.” *Differentiation* **71** (April): 171-205.
- Keller, Ray, & David Shook.** 2011. “The bending of cell sheets—from folding to rolling.” *BMC Biology* (online @ biomedcentral.com) **9** (29 December): 90.
- Keller, Roberto A., Christian Peters, & Patricia Beldade.** 2014. “Evolution of thorax architecture in ant castes highlights trade-off between flight and ground behaviors.” *eLife* (online @ elifesciences.org) **3** (7 January): e01539.
- Keller, Thomas E., & Soojin V. Yi.** 2014. “DNA methylation and evolution of duplicate genes.” *Proceedings of the National Academy of Sciences* **111** (22 April): 5932-5937.
- Keller, Werner,** trans. William Neil. 1956. *The Bible as History: A Confirmation of the Book of Books*. 1974 pb ed. New York: Bantam Books.
- Kelley, Danielle S., Christopher W. Lennon, SEA-PHAGES, Marlene Belfort, & Olga Novikova.** 2016. “Mycobacteriophages as Incubators for Intein Dissemination and Evolution.” *mBio* (online @ mbio.asm.org) **7** (September/October): e01537-16.
- Kelley, Jay.** 2004. “Neanderthal teeth lined up.” *Nature* **428** (29 April): 904-905.
- Kelley, Jay, & Feng Gao.** 2012. “Juvenile hominoid cranium from the late Miocene of southern China and hominoid diversity in Asia.” *Proceedings of the National Academy of Sciences* **109** (1 May): 6882-6885.
- Kelley, Jay, & Gary T. Schwartz.** 2010. “Dental development and life history in living African and Asian apes.” *Proceedings of the National Academy of Sciences* **107** (19 January): 1035-1040.
- Kelley, Joanna L., Jan E. Aagaard, Michael J. MacCoss, & Willie J. Swanson.** 2010. “Functional Diversification and Evolution of Antifreeze Proteins in the Antarctic Fish *Lycodichthys dearborni*.” *Journal of Molecular Evolution* **71** (August): 111-118.
- Kelley, Laura A., & John A. Endler.** 2012a. “Illusions Promote Mating Success in Great Bowerbirds.” *Science* **335** (20 January): 335-338.
- . 2012b. “Male great bowerbirds create forced perspective illusions with consistently different individual quality.” *Proceedings of the National Academy of Sciences* **109** (18 December): 20980-20985.
- Kelley, Michael B.** 2013. “Creationist Explains How Humans Could Have Hunted The Tyrannosaurs Rex.” *Business Insider* 3 April posting (online text at www.businessinsider.com accessed 12/22/2015).
- Kelley, Neil P., & Nicholas D. Pyenson.** 2015. “Evolutionary and ecology in marine tetrapods from the Triassic to the Anthropocene.” *Science* **348** (17 April): aaa3716 (online at sciencemag.org).
- Kelley, Patricia H.** 1983. “Evolutionary Patterns of Eight Chesapeake Group Molluscs:

- Evidence for the Model of Punctuated Equilibrium.” *Journal of Paleontology* **57** (May): 581-598.
- . 2009a. “Teaching Evolution during the Week and Bible Study on Sunday,” in Schneiderman & Allmon (2009, 163-179).
- . 2009b. “A College Honors Seminar on Evolution and Intelligent Design: Successes and Challenges.” *The Journal of Effective Teaching* **9** (September): 29-37.
- Kelley, Peter.** 1998a. “ACLU alleges illegal creationism teaching.” *Skagit Valley Herald* (Skagit, Washington) 8 May posting (online text at www.skagitvalleyherald.com accessed 6/5/2001, not available as of 1/18/2014).
- . 1998b. “Teaching ... or preaching?” *Skagit Valley Herald* (Skagit, Washington) 30 May posting (online text at www.skagitvalleyherald.com accessed 6/5/2001, not available as of 1/18/2014).
- Kelley, Shari A., & Karl E. Karlstrom.** 2012. “The Laramide and post-Laramide uplift and erosional history of the eastern Grand Canyon: Evidence from apatite fission-track thermochronology.” *The Geological Society of America Special Papers* **489**: 109-117.
- Kelley, Simon.** 2005. “Mountain difficulty.” *Nature* **435** (30 June): 1171.
- Kelley, S. P., & J-A. Wartho.** 2000. “Rapid Kimberlite Ascent and the Significance of Ar-Ar Ages in Xenolith Phlogopites.” *Science* **289** (28 July): 609-611.
- Kellis, Manolis, Bruce W. Birren, & Eric S. Lander.** 2004. “Proof and evolutionary analysis of ancient genome duplication in the yeast *Saccharomyces cerevisiae*.” *Nature* **428** (8 April): 617-624.
- Kellis, Manolis, Barbara Wold, Michael P. Snyder, Bradley E. Bernstein, Anshul Kundaje, Georgi K. Marinov, Lucas D. Ward, Ewan Birney, Gregory E. Crawford, Job Dekker, Ian Dunham, Laura L. Elnitski, Peggy J. Farnham, Elise A. Feingold, Mark Gerstein, Morgan C. Giddings, David M. Gilbert, Thomas R. Gingeras, Eric D. Green, Roderic Guigo, Tim Hubbard, Jim Kent, Jason D. Lieb, Richard M. Myers, Michael J. Pazin, Bing Ren, John A. Stamatoyannopoulos, Zhiping Weng, Kevin P. White, & Ross C. Hardison.** 2014. “Defining functional DNA elements in the human genome.” *Proceedings of the National Academy of Sciences* **111** (29 April): 6131-6138.
- . 2014b. “Reply to Brunet and Doolittle: Both selected effect and causal role elements can influence human biology and disease.” *Proceedings of the National Academy of Sciences* **111** (19 August): E3366.
- Kellner, Alexander W. A., María B. Aguirre-Urreta, & Victor A. Ramos.** 2003. “On the Pterosaur Remains from the Río Belgrano Formation (Barremian), Patagonian Andes of Argentina.” *Anais da Academia Brasileira de Ciências* **75** (December): 487-495.
- Kellner, Alexander W. A., Xiaolin Wang, Helmut Tischlinger, Diogenes de Almeida Campos, David W. E. Hone, & Xi Meng.** 2010. “The soft tissue of *Jeholopterus* (Pterosauria, Anurognathidae, Batrachognathinae) and the structure of the pterosaur wing membrane.” *Proceedings of the Royal Society of London B* (Biological Sciences) **277** (22 January): 321-329.
- Kellogg, Bob.** 2013. “Physics professor a victim of ‘double standard’ in academia.” San Antonio Bible-Based Science Association *Communiqué* (September) reprint of 12 August *OneNewsNow.com* article (online text at www.sabbsa.org accessed 6/5/2014).
- Kellogg, Davida E.** 1975. “The role of phyletic change in the evolution of *Pseudocubus vema* (Radiolaria).” *Paleobiology* **1** (January): 359-370.
- Kellogg, Elizabeth A.** 2003a. “It’s all relative.” *Nature* **422** (27 March): 383.
- . 2003b. “What happens to genes in duplicated genomes.” *Proceedings of the National Academy of Sciences* **100** (15 April): 4369-4371.
- . 2006. “Progress and challenges in studies of the evolution of development.” *Journal of Experimental Botany* **57** (October): 3505-3516.
- Kellogg, Karl S., Paul J. Barton, & Cindy L. Williams.** 2002. “Geological Map of the Frisco Quadrangle, Summit County, Colorado.” *United States Geological Survey Pamphlet for MISCELLANEOUS FIELD STUDIES MAP MF-2340* (online pdf at pubs.usgs.gov accessed 5/30/2015).

- Kellogg, Vernon L.** 1917. *Headquarters Nights: A Record of Conversations and Experiences at the Headquarters of the German Army in France and Belgium*. Boston: The Atlantic Monthly Press.
- . 1924. “The Modern View of Evolution.” *The Atlantic Monthly* (April) article posting: online text accessed 8/19/2014 (theatlantic.com).
- Kelly, A. M. Clare, Adriana Di Martino, Lucina Q. Uddin, Zarrar Shehzad, Dylan G. Gee, Philip T. Reiss, Daniel S. Margulies, F. Xavier Castellanos, & Michael P. Milham.** 2009. “Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood.” *Cerebral Cortex* **19** (March): 640-657.
- Kelly, Bill.** 2011. “Anti-government groups raise flags for law enforcement.” *KVNO News* (Omaha, Nebraska) 26 October posting (online text at www.kvnonews.com accessed 2/17/2014).
- Kelly, Brendan P., Andrew Whiteley, & David Tallmon.** 2010. “The Arctic melting pot.” *Nature* **468** (16 December): 891.
- Kelly, D. Clay, Timothy J. Bralower, James C. Zachos, Isabella Premoli Silva, & Ellen Thomas.** 1996. “Rapid diversification of planktonic foraminifera in the tropical Pacific (ODP Site 865) during the late Paleocene thermal maximum.” *Geology* **24** (May): 423-426.
- Kelly, P.** 2001. “Evolution Cannot Happen, And the World Is Not Very Old.” *Why Not Catholicism?* undated posting (online text at www.whynotcatholicism.com accessed 10/18/2014).
- Kelly, S., B. Wickstead, & K. Gull.** 2011. “Archaeal phylogenomics provides evidence in support of a methanogenic origin of the Archaea and a thaumarchaeal origin for the eukaryotes.” *Proceedings of the Royal Society of London B* (Biological Sciences) **278** (7 April): 1009-1018.
- Kelly, Yin T., Taylor W. Webb, Jeffrey D. Meier, Michael J. Arcaro, & Michael S. A. Graziano.** 2014. “Attributing awareness to oneself and to others.” *Proceedings of the National Academy of Sciences* **111** (1 April): 5012-5017.
- Kelly-Borges, Michelle.** 1995. “Sponges out of their depth.” *Nature* **373** (26 January): 284.
- Kelman, Stuart, & Alison Jordan.** 2010. “Rabbinic Contraction & Covenantal Education.” *Sh'ma* **40** (January): 6.
- Kelsoe, John R.** 2010. “A gene for impulsivity.” *Nature* **468** (23 December): 1049-1050.
- Keltikangas-Järvinen, Liisa, Marko Elovainio, Mika Kivimäki, Jesper Ekelund, & Leena Peltonen.** 2002. “Novelty seeking as a mediator in relationships between type 4 dopamine receptor gene polymorphism and predisposition to higher education.” *Learning and Individual Differences* **14** (February): 23-30.
- Keltikangas-Järvinen, Liisa, Marko Elovainio, Mika Kivimäki, Dirk Lichtermann, Jesper Ekelund, & Leena Peltonen.** 2003. “Association Between the Type 4 Dopamine Receptor Gene Polymorphism and Novelty Seeking.” *Psychosomatic Medicine* **65** (May-June): 471-476.
- Keltner, Dacher.** 2012. “The Compassionate Species.” *Greater Good: The Science of a Meaningful Life* 31 July posting (online text at greatergood.berkeley.edu accessed 8/11/2014).
- Keltz, Kyle.** 2013a. “Does Evolution Explain Converging Ion Channels? Part 1.” *Reasons to Believe* posting 29 April (online text at www.reasons.org accessed 8/15/2013).
- . 2013b. “Does Evolution Explain Converging Ion Channels? Part 2.” *Reasons to Believe* posting 2 May (online text at www.reasons.org accessed 8/15/2013).
- Kelz, Max B., Yi Sun, Jingqiu Chen, Qing Cheng Meng, Jason T. Moore, Sigrid C. Veasey, Shelley Dixon, Marcus Thornton, Hiromasa Funato, & Masashi Yanagisawa.** 2008. “An essential role for orexins in emergence from general anesthesia.” *Proceedings of the National Academy of Sciences* **105** (29 January): 1309-1314.
- Kemp, Andrew C., Benjamin P. Horton, Jeffrey P. Donnelly, Michael E. Mann, Martin Vermeer, & Stefan Rahmstorf.** 2011. “Climate related sea-level variations over the past two millennia.” *Proceedings of the National Academy of Sciences* **108** (5 July): 11017-11022.

- Kemp, Brian M., John Lindo, Deborah A. Bolnick, Ripan S. Malhi, & James C. Chatters.** 2015. "Response to Comment on 'Late Pleistocene human skeleton and mtDNA Paleoamericans and modern Native Americans.'" *Science* **347** (20 February): 835.
- Kemp, Charles, & Terry Regier.** 2012. "Kinship Categories Across Languages Reflect General Communicative Principles." *Science* **336** (25 May): 1049-1054.
- Kemp, Christopher.** 2014. "University sued by creationist." *Nature* **515** (6 November): 20.
- Kemp, Kenneth W.** 2011. "Science, Theology, and Monogenesis." *American Catholic Philosophical Quarterly* **85** (2): 217-236.
- . 2013. "Evolution, the Eye Test, & Scientific Reasoning: A Response to Seagrave." *The Witherspoon Institute* 11 June posting (online text at www.thepublicdiscourse.com accessed 10/5/2015).
- Kemp, Tom S.** 1979. "The Primitive Cynodont *Procynosuchus*: Functional Anatomy of the Skull and Relationships." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **285** (14 February): 73-122.
- . 1980. "The Primitive Cynodont *Procynosuchus*: Structure, Function and Evolution of the Postcranial Skeleton." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **288** (7 January): 217-258.
- . 1982a. *Mammal-like Reptiles and the Origin of Mammals*. London: Academic Press.
- . 1982b. "The reptiles that became mammals." *New Scientist* **93** (4 March): 581-584.
- . 1986. "The Skeleton of a Baurioid Therapsid from the Lower Triassic (*Lystrosaurus* Zone) of South Africa." *Journal of Vertebrate Paleontology* **6** (September): 215-232.
- . 1988. "Haemothermia or Archosauria? The interrelationships of mammals, birds and crocodiles." *Zoological Journal of the Linnean Society* **92** (January): 67-104.
- . 2005. *The Origin and Evolution of Mammals*. Oxford: Oxford University Press.
- . 2006a. "The origin and early radiation of the therapsid mammal-like reptiles: a palaeobiological hypothesis." *Journal of Evolutionary Biology* **19** (July): 1231-1247.
- . 2006b. "The origin of mammalian endothermy: a paradigm for the evolution of complex biological structure." *Zoological Journal of the Linnean Society* **147** (August): 473-488.
- . 2007a. "The origin of higher taxa: macroevolutionary processes, and the case of the mammals." *Acta Zoologica (Stockholm)* **88** (January): 3-22.
- . 2007b. "The concept of correlated progression as the basis for the evolutionary origin of major new taxa." *Proceedings of the Royal Society of London B* (Biological Sciences) **274** (7 July): 1667-1673.
- . 2007c. "Acoustic transformer function of the postdentary bones and quadrate of a nonmammalian cynodont." *Journal of Vertebrate Paleontology* **27** (June): 431-441.
- . 2009a. "The endocranial cavity of a nonmammalian cynodont, *Chiniquodon theotenicus*, and its implications for the origin of the mammalian brain." *Journal of Vertebrate Paleontology* **29** (December): 1188-1198.
- . 2009b. "Phylogenetic interrelationships of therapsids: testing for polytomy." *Palaeontologia africana* **44** (December): 1-12.
- . 2010. "New perspectives on the evolution of Late Palaeozoic and Mesozoic terrestrial tetrapods," in Bandyopadhyay (2010, 2-36).
- . 2011. "The Origin and Radiation of Therapsids," in Chinsamy-Turan (2011, 3-28).
- Kempe, André, J. William Schopf, Wladyslaw Altermann, Anatoliy B. Kudryavtsev, & Wolfgang M. Heckl.** 2002. "Atomic force microscopy of Precambrian microscopic fossils." *Proceedings of the National Academy of Sciences* **99** (9 July): 9117-9120.
- Kempeneers, Veerle, Karen Vastmans, Jef Rozenski, & Piet Herdewijn.** 2003. "Recognition of threosyl nucleotides by DNA and RNA polymerases." *Nucleic Acids Research* **31** (1 November): 6221-6226.
- Kemper, Gary, Hallie Kemper, & Casey Luskin.** 2013. *Discovering Intelligent Design: A Journey Into The Scientific Evidence*. Seattle, WA: Discovery Institute Press.
- Kempton, Eliza M. R.** 2012. "The ultimate fate of planets." *Nature* **480** (22 December): 460-461.

- . 2014. “Window on a watery world.” *Nature* **513** (25 September): 493-494.
- Kendall, Brian, Robert A. Creaser, Christopher T. Reinhard, Timothy W. Lyons, & Ariel D. Anbar.** 2015. “Transient episodes of mild environmental oxygenation and oxidative continental weathering during the late Archean.” *Science Advances* **1** (20 November): e1500777 (online at sciencemag.org).
- Kendig, Alex.** 2013. “Refusing to take a knee to football prayers.” *Freethought Today* **30** (August): 12.
- Kendler, Kenneth S., Charles O. Gardner, & Carol A. Prescott.** 1997. “Religion, Psychopathology, and Substance Use and Abuse: A Multimeasure, Genetic-Epidemiologic Study.” *The American Journal of Psychiatry* **154** (March): 322-329.
- Kendler, Kenneth S., Laura M. Thornton, Stephen E. Gilman, & Ronald C. Kessler.** 2000. “Sexual Orientation in a U.S. National Sample of Twin and Nontwin Sibling Pairs.” *The American Journal of Psychiatry* **157** (November): 1843-1846.
- Kengor, Paul.** 2015. “Reflections on Roe: When Margaret Sanger Spoke to the KKK.” *The American Spectator* 22 January posting (online text accessed at spectator.org 3/16/2016).
- Kenjo, Akira, Minoru Takahashi, Misao Matsushita, Yuichi Endo, Munehiro Nakata, Tsuguo Mizuochi, & Teizo Fujita.** 2001. “Cloning and Characterization of Novel Ficolins from the Solitary Ascidian, *Halocynthia roretzi*.” *The Journal of Biological Chemistry* **276** (8 June): 19959-19965.
- Kennair, Leif Edward Ottesen.** 2003. “Challenging Design: How Best to Account for the World As It Really Is.” *Zygon* **38** (September): 543-558.
- Kenneally, Christine.** 2007. *The First Word: The search for the origins of language*. New York: Viking.
- Kennedy, D. James.** 1995. “What If Jesus Had Never Been Born?” Hillsdale College (Michigan) *Imprimus* (April): 6-7.
- . 1997. *Skeptics Answered: Handling Tough Questions About the Christian Faith*. Sisters, OR: Multnomah Books.
- . 2002. “Thomas Jefferson: Deist or Christian?” *WorldNetDaily* (19 June): online text accessed 8/22/2013 (wnd.com).
- Kennedy, Donald.** 1998. “Helping Schools to Teach Evolution.” *Reports of the National Center for Science Education* **18** (May-June): 26.
- . 2007a. “A New Year.” *Science* **315** (5 January): 17.
- . 2007b. Expert Witness Report (7 May) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via ncse.com/creationism/legal/acsi-v-stearns accessed 10/25/2010).
- Kennedy, Elaine G.** 2000. “Solnhofen Limestone: Home of *Archaeopteryx*.” Geoscience Research Institute *Geoscience Reports* (Winter): 1-4.
- Kennedy, Martin J., Nicholas Christie-Blick, & Anthony R. Prave.** 2001. “Carbon isotopic composition of Neoproterozoic glacial carbonates as a test of paleoceanographic models for snowball Earth phenomena.” *Geology* **29** (December): 1135-1138.
- Kennedy, Martin J., Nicholas Christie-Blick, & Linda E. Sohl.** 2001. “Are Proterozoic cap carbonates and isotopic excursions a record of gas hydrate destabilization following Earth’s coldest intervals?” *Geology* **29** (May): 443-446.
- Kennedy, Martin J., & Mary L. Droser.** 2011. “Early Cambrian metazoans in fluvial environments, evidence of the non-marine Cambrian radiation.” *Geology* **39** (June): 583-586.
- Kennedy, Martin J., Mary L. Droser, Lawrence M. Mayer, David Pevear, & David Mrofka.** 2006. “Late Precambrian Oxygenation: Inception of the Clay Mineral Factory.” *Science* **311** (10 March): 1446-1449.
- Kennedy, Martin, David Mrofka, & Chris von der Borch.** 2008. “Snowball Earth termination by destabilization of equatorial permafrost methane clathrate.” *Nature* **453** (29 May): 642-645.
- Kennedy, Martin J., Bruce Runnegar, Anthony R. Prave, K.-H. Hoffmann, & Michael A. Arthur.** 1998. “Two or four Neoproterozoic glaciations?” *Geology* **26** (December): 1059-

1063.

- Kennedy, Pamela J., & Matthew L. Shapiro.** 2009. "Motivational states activate distinct hippocampal representations to guide goal-directed behaviors." *Proceedings of the National Academy of Sciences* **106** (30 June): 10805-10810.
- Kennedy, Ryan, Manuel E. Lladser, Zhiyuan Wu, Chen Zhang, Michael Yarus, Hans De Sterck, & Rob Knight.** 2010. "Natural and artificial RNAs occupy the same restricted region of sequence space." *RNA* **16** (February): 280-289.
- Kennedy, Scott R., & Dorothy A. Erie.** 2011. "Templated nucleoside triphosphate binding to a noncatalytic site on RNA polymerase regulates transcription." *Proceedings of the National Academy of Sciences* **108** (12 April): 6079-6084.
- Kennedy, Trudi, Fred Jourdan, Alex W. R. Bevan, M. A. Mary Gee, & Adam Frew.** 2013. "Impact history of the HED parent body(ies) clarified by new ⁴⁰Ar/³⁹Ar analyses of four HED meteorites and one anomalous basaltic achondrite." *Geochimica et Cosmochimica Acta* **115** (15 August): 162-182.
- Kennedy, W. J.** 1971. "Cenomanian ammonites from Southern England." The Palaeontological Association (UK) *Special Papers in Palaeontology* **8** (December): 1-133.
- Kennedy, William James, & Herbert Christian Klingner.** 2009. "The heteromorphy ammonite *Ndumuiceras variabile* gen. et sp. nov. from the Albian Mzinene Formation, KwaZulu-Natal, South Africa." *African Natural History* **5**: 43-47.
- Kennerly, Britt.** 2009. "Paleontologists brought to tears, laughter by Creation Museum." *Agence France-Presse* posting 30 June (online text at google.com/hostednews/afp accessed 11/17/2010).
- Kennesaw.** 2011. "Identify the Logical Fallacy (Some examples taken from a very strange newsletter)." Kennesaw State University (Georgia) *elearning* posting (online text at www.kennesaw.edu/elearning/proseprep/revise/logfall.htm accessed 1/23/2014).
- Kennett, Douglas J., Sebastian F. M. Breitenbach, Valorie V. Aquino, Yemane Asmerom, Jaime Awe, James U. L. Baldini, Patrick Bartlein, Brendan J. Culleton, Claire Ebert, Christopher Jazwa, Martha J. Macri, Norbert Marwan, Victor Polyak, Keith M. Prufer, Harriet E. Ridley, Harald Sodermann, Bruce Winterhalder, & Gerald H. Haug.** 2012. "Development and Disintegration of Maya Political Systems in Response to Climate Change." *Science* **336** (9 November): 788-791.
- Kennett, D. J., J. P. Kennett, A. West, C. Mercer, S. S. Que Hee, L. Bement, T. E. Bunch, M. Selliers, & W. S. Wolbach.** 2009. "Nanodiamonds in the Younger Dryas Boundary Sediment Layer." *Science* **323** (2 January): 94.
- Kennett, Douglas J., James P. Kennett, Allen West, G. James West, Ted E. Bunch, Brendan J. Culleton, Jon M. Erlandson, Shane S. Que Hee, John J. Johnson, Chris Mercer, Feng Shen, Marilee Selliers, Thomas W. Stafford Jr., Adrienne Stich, James C. Weaver, James H. Wittke, & Wendy S. Wolbach.** 2009. "Shock-synthesized hexagonal diamonds in Younger Dryas boundary sediments." *Proceedings of the National Academy of Sciences* **106** (4 August): 12623-12638.
- Kennett, Douglas J., Thomas W. Stafford Jr., & John Southon.** 2008. "Standards of evidence and Paleoindian demographics." *Proceedings of the National Academy of Sciences* **105** (16 December): E107.
- Kennett, James P., Robert E. Houtz, P. B. Andrews, Anthony R. Edwards, Victor A. Gostin, Marta Hajos, Monty Hampton, D. Graham Jenkins, Stanley V. Margolis, A. Thomas Owenshine, & Katharina Perch-Nielson.** 1975. "Site 284." *Deep Sea Drilling Project Initial Reports* **29** (January): 403-445.
- Kennett, James P., Douglas J. Kennett, Brendan J. Culleton, J. Emili Aura Tortosa, James L. Bischoff, Ted E. Bunch, I. Randolph Daniel Jr., Jon M. Erlandson, David Ferraro, Richard B. Firestone, Albert C. Goodyear, Isabel Israde-Alcántara, John R. Johnson, Jesús F. Jordá Pardo, David R. Kimbel, Malcolm A. LeCompte, Neal H. Lopinot, William C. Mahaney, Andrew M. T. Moore, Christopher R. Moore, Jack H. Ray, Thomas W. Stafford Jr., Kenneth Barnett Tankersley, James H. Wittke, Wendy S. Wolbach, & Allen West.** 2015. "Bayesian chronological analyses consistent with synchronous age of 12,835-12,735 Cal B.P. for Younger Dryas boundary on four

- continents.” *Proceedings of the National Academy of Sciences* **112** (11 August): E4344-E4353.
- Kennett, James P., Douglas J. Kennett, Brendan J. Culleton, J. Emili Aura Tortosa, Ted E. Bunch, Jon M. Erlandson, John R. Johnson, Jesús F. Jordá Pardo, Malcolm A. LeCompte, William C. Mahaney, Kenneth Barnett Tankersley, James H. Wittke, Wendy S. Wolbach, & Allen West.** 2015. “Reply to Holliday and Boslaugh et al.: Synchronicity of widespread Bayesian-modeled ages supports Younger Dryas impact hypothesis.” *Proceedings of the National Academy of Sciences* **112** (8 December): E7623-E7624.
- Kennett, James P., & Allen West.** 2008. “Biostratigraphic evidence supports Paleoindian population disruption at ≈ 12.9 ka.” *Proceedings of the National Academy of Sciences* **105** (16 December): E110.
- Kenney, J. F., Vladimir A. Kutcherov, Nikolai A. Bendeliani, & Vladimir A. Alekseev.** 2002. “The evolution of multicomponent systems at high pressures: VI. The thermodynamic stability of the hydrogen-carbon system: The genesis of hydrocarbons and the origin of petroleum.” *Proceedings of the National Academy of Sciences* **99** (12 August): 10976-10981.
- Kenny, Eimear E., Nicholas J. Timpson, Martin Sikora, Muh-Ching Yee, Andrés Moreno-Estrada, Celeste Eng, Scott Huntsman, Esteban González Burchard, Mark Stoneking, Carlos D. Bustamante, & Sean Myles.** 2012. “Melanesian Blond Hair Is Caused by an Amino Acid Change in TYRP1.” *Science* **336** (4 May): 554.
- Kenny, Michael G.** 2002. “Toward A Racial Abyss: Eugenics, Wickliffe Draper, and the Origins of the Pioneer Fund.” *Journal of the History of the Behavioral Sciences* **38** (Summer): 259-283.
- Kenny, Ray.** 2010. “Continental paleoclimate estimates from the late Mississippian Redwall karst event: northern and north-central Arizona.” *Carbonates and Evaporites* **25** (December): 297-302.
- Kenny, Ray, & L. Paul Knauth.** 2001. “Stable isotope variations in the Neoproterozoic Beck Spring Dolomite and Mesoproterozoic Mescal Limestone paleokarst: Implications for life on land in the Precambrian.” *The Geological Society of America GSA Bulletin* **69** (May): 650-658.
- Kenrick, Douglas.** 2010a. “Atheistic Liberals ARE Smarter, But for a Funny Reason.” *Sex, Murder, and the Meaning of Life* posting 14 April (online text at *psychologytoday.com* accessed 6/14/2012).
- . 2010b. “Jews, Jesuits, Geniuses: The Religion-IQ Link Is JUST a Correlation!” *Sex, Murder, and the Meaning of Life* posting 29 April (online text at *psychologytoday.com* accessed 6/14/2012).
- Kenrick, Douglas T., & Andrew E. White.** 2011. “A single self-deceived or several subselves divided?” *Behavioral and Brain Sciences* **34** (1): 29-30.
- Kenrick, Paul.** 2000. “The relationships of vascular plants.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **355** (June): 847-855.
- . 2001. “Turning over a new leaf.” *Nature* **410** (15 March): 309-310.
- . 2003. “Fishing for the first plants.” *Nature* **425** (18 September): 248.
- Kenrick, Paul, & Peter R. Crane.** 1997. “The origin and early evolution of plants on land.” *Nature* **389** (4 September): 33-39.
- Kenrick, P., & D. Edwards.** 1988. “A new zosterophyll from a recently discovered exposure of the Lower Devonian Senni Beds in Dyfed, Wales.” *Botanical Journal of the Linnean Society* **98** (October): 97-115.
- Kenrick, Paul, & Christine Strullu-Derrien.** 2014. “The Origin and Early Evolution of Roots.” *Plant Physiology* **166** (October): 570-580.
- Kent, Clement F., Shermineh Minaei, Brock A. Harpur, & Amro Zayed.** 2012. “Recombination is associated with the evolution of genome structure and worker behavior in honey bees.” *Proceedings of the National Academy of Sciences* **109** (30 October): 18012-18017.

- . 2013. “Reply to Hunt et al.: Worker-biased genes have high guanine-cytosine content and rates of nucleotide diversity in the honey bee.” *Proceedings of the National Academy of Sciences* **110** (5 February): E447.
- Kent, Dennis V., & Giovanni Muttoni.** 2008. “Equatorial convergence of India and early Cenozoic climate trends.” *Proceedings of the National Academy of Sciences* **105** (21 October): 16065-16070.
- Kent, Martin.** 2007. “Biogeography and macroecology: now a significant component of physical geography.” *Progress in Physical Geography* **31** (December): 643-657.
- Kent, W. James, Robert Baertsch, Angie Hinrichs, Webb Miller, & David Haussler.** 2003. “Evolution’s cauldron: Duplication, deletion, and rearrangement in the mouse and human genomes.” *Proceedings of the National Academy of Sciences* **100** (30 September): 11484-11489.
- Kentucky Core Academic Standards.* 2013. “Science KCAS.” *Kentucky Core Academic Standards* posting (online pdf at education.ky.gov/comm/ul/pages/ accessed 9/18/2013).
- Kentucky Department of Education.* 2013. “8/1/2013 Statement of Consideration Relating to 704 KAR 3:303.” *Kentucky Core Academic Standards* posting (online text at portal.ksba.org accessed 8/9/2013).
- Kenyon, Cynthia.** 1994. “If Birds Can Fly, Why Can’t We? Homeotic Genes and Evolution.” *Cell* **78** (29 July): 175-180.
- Kenyon, Dean H.** 1984. “Edward v. Aguillard: Affidavit of Creationist Dean Kenyon.” *The TalkOrigins Archive* 6 November 2005 posting (online text at talkorigins.org accessed 12/23/2013).
- . 2002. “An Interview With Dean Kenyon.” *University of California Santa Barbara* undated posting (online text at www.veritas-ucsb.org accessed 10/25/2014).
- . 2008. “Reflections on Macroevolution.” *The Kolbe Center For The Study of Creation* 14 September posting (online pdf at www.kolbecenter.org accessed 12/12/2011).
- Kenyon, D. H., & A. Nissenbaum.** 1976. “Melanoidin and aldocyanoin microspheres: Implications for chemical evolution and early Precambrian micropaleontology.” *Journal of Molecular Evolution* **7** (September): 245-251.
- Kenyon, Marilyn.** 2013. “What’s wrong with an evolution vs. intelligent design class?” *Amarillo Globe-News* letter posting 14 September: online text accessed 12/12/2013 (amarillo.com).
- Kephart, Jeffrey O.** 2011. “Learning from Nature.” *Science* **331** (11 February): 682-683.
- Kepler, Thomas B., & Timothy C. Elston.** 2001. “Stochasticity in Transcriptional Regulation: Origins, Consequences, and Mathematical Representations.” *Biophysical Journal* **81** (December): 3116-3136.
- Kepler, Frank, Ivan Viganò, Andy McLeod, Ulrich Ott, Marion Früchtl, & Thomas Röckmann.** 2012. “Ultraviolet-radiation-induced methane emissions from meteorites and the Martian atmosphere.” *Nature* **486** (7 June): 93-96.
- Kepler, Hans.** 2014. “Earth’s deep water reservoir.” *Nature* **507** (13 March): 174-175.
- Kepler, Melanie D., Stephen Neidle, & Keith R. Fox.** 2001. “Stabilisation of TG- and AG-containing antiparallel DNA triplexes by triplex-binding ligands.” *Nucleic Acids Research* **29** (1 May): 1935-1942.
- Keranen, K. M., M. Weingarten, G. A. Abers, B. A. Bekins, & S. Ge.** 2014. “Sharp increase in central Oklahoma seismicity since 2008 induced by massive wastewater injection.” *Science* **345** (25 July): 448-451.
- Kerby, Carl.** 2003. *What Is the ‘Best’ Evidence That God Created?* Florence, KY: Answers in Genesis.
- . 2011. “The ‘phylogenetic charts’ prove evolution, right!” *Reasons for Hope* 30 May posting (online text at www.rforh.com accessed 5/10/2014).
- . 2013. “Phylogenetic Charts: Dinosaurs!” *Kirk Cameron* 21 January posting (online text at kirkcameron.com accessed 5/10/2014).
- Kercher, Paige.** 2012. “Chapter 2: Paleozoic Stratigraphy of the Grand Canyon.” University of California (Davis) Geology 136 *Grand Canyon Ecogeomorphology: The Big Picture*

- Research Paper Topics article (online pdf at www.geology.ucdavis.edu accessed 1/31/2013).
- Kereszt, Attila, & Eva Kondorosi.** 2011. "Unlocking the Door to Invasion." *Science* **331** (18 February): 865-866.
- Keresztes, Paul.** 1970. "The Emperor Septimus Severus: A Precursor of Decius." *Historia Zeitschrift für Alte Geschichte* **19** (December): 565-578.
- Kerfeld, Cheryl A., & Matthew R. Melnick.** 2016. "Assembly, function and evolution of cyanobacterial carboxysomes." *Current Opinion in Plant Biology* **31** (June): 66-75.
- Kerfeld, Cheryl A., Michael R. Sawaya, Shiho Tanaka, Chau V. Nguyen, Martin Phillips, Morgan Beeby, & Todd O. Yeates.** 2005. "Protein Structures Forming the Shell of Primitive Bacterial Organelles." *Science* **309** (5 August): 936-938.
- Kéri, Szabolcs, Ahmed A. Moustafa, Catherine E. Myers, György Benedek, & Mark A. Gluck.** 2010. "α-Synuclein gene duplication impairs reward learning." *Proceedings of the National Academy of Sciences* **107** (7 September): 15992-15994.
- Kerckhoff, Andrew J., Pamela E. Moriarty, & Michael D. Weiser.** 2014. "The latitudinal species richness gradient in New World woody angiosperms is consistent with the tropical conservatism." *Proceedings of the National Academy of Sciences* **111** (3 June): 8125-8130.
- Kerkut, G. A.** 1960. *Implications of Evolution*. Oxford: Pergamon Press.
- Kermack, Doris M., K. A. Kermack, & Frances Mussett.** 1968. "The Welsh pantothere *Kuehneotherium praecursoris*." *Zoological Journal of the Linnean Society* **47** (April): 407-423.
- Kermack, K. A., Patricia M. Lees, & Frances Mussett.** 1965. "*Aegialodon dawsoni*, A New Trituberculosectorial Tooth from the Lower Wealdon." *Proceedings of the Royal Society of London B* (Biological Sciences) **162** (27 July): 535-554.
- Kermack, K. A., Frances Mussett, & H. W. Rigney.** 1973. "The lower jaw of *Morganucodon*." *Zoological Journal of the Linnean Society* **53** (September): 87-175.
- . 1981. "The skull of *Morganucodon*." *Zoological Journal of the Linnean Society* **71** (January): 1-158.
- Kern, Lauren.** 2000. "In God's Country: William Dembski thought Baylor University would be the perfect place to investigate a scientific alternative to Darwinism. Little did he realize he would be crucified for his cause." *Houston Press* posting 14 December: online text accessed 7/30/2014 (www.houstonpress.com).
- Kern, Sally.** 2008. "House Bill 2211." Introduced Oklahoma House legislation (online text at webserver1.lsb.state.ok.us accessed 10/20/2008).
- . 2011. "House Bill 1551." Introduced Oklahoma House legislation (online text at webserver1.lsb.state.ok.us accessed 1/24/2011).
- . 2016. "House Bill 3045." Introduced Oklahoma House legislation (online pdf at webserver1.lsb.state.ok.us accessed 2/5/2016).
- Kerner, A., & F. Debrenne.** 2013. "Chapter 6 The Role of Archaeocyatha in Cambrian biostratigraphy and biogeography." *Geological Society of London Memoirs* **38**: 59-66.
- Kerner, Adeline, Françoise Debrenne, & Régine Vignes-Lebbe.** 2011. "Cambrian archaeocyathan metazoans: revision of morphological characters and standardization of genus descriptions to establish an online identification tool." *ZooKeys* (online @ ncbi.nlm.nih.gov) **150** (28 November): 381-395.
- Kerney, Ryan, Eunsoo Kim, Roger P. Hangarter, Aaron A. Heiss, Cory D. Bishop, & Brian K. Hall.** 2011. "Intracellular invasion of green algae in a salamander host." *Proceedings of the National Academy of Sciences* **108** (19 April): 6497-6502.
- Kerr, Benjamin.** 2009. "Theoretical and Experimental Approaches to the Evolution of Altruism and the Levels of Selection," in Garland & Rose (2009, 585-630).
- Kerr, Jeremy T.** 2017. "A cocktail of toxins." *Science* **356** (30 June): 1331-1332.
- Kerr, Richard A.** 1984. "Climate Since the Ice Began to Melt." *Science* **226** (19 October): 326-327.
- . 1989. "The Neptune System in Voyager's Afterglow." *Science* **245** (29 September): 1450-1451.
- . 1993. "Evolution's Big Bang Gets Even More Explosive." *Science* **261** (3 September):

- 1274-1275.
- . 1995a. “Did Darwin Get It All Right?” *Science* **267** (10 March): 1421-1422.
 - . 1995b. “Animal Oddballs Brought Into the Ancestral Fold?” *Science* **270** (27 October): 580-581.
 - . 1996a. “A Piece of the Dinosaur Killer Found?” *Science* **271** (29 March): 1806.
 - . 1996b. “Unscrambling Time in the Fossil Record.” *Science* **274** (13 December): 1840.
 - . 1997. “Does Evolutionary History Take Million-Year Breaks?” *Science* **278** (24 October): 576-577.
 - . 1998b. “Sea-Floor Dust Shows Drought Felled Akkadian Empire.” *Science* **279** (16 January): 325-326.
 - . 1998b. “Pushing Back the Origins of Animals.” *Science* **279** (6 February): 803-804.
 - . 1998c. “Black Sea Deluge May Have Helped Spread Farming.” *Science* **279** (20 February): 1132.
 - . 1998d. “Tracks of Billion-Year-Old Animals?” *Science* **282** (2 October): 19, 21.
 - . 1998e. “Fossils Challenge Age of Billion-Year-Old Animals.” *Science* **282** (23 October): 601-602.
 - . 1999. “Early Life Thrived Despite Earthly Travails.” *Science* **284** (25 June): 2111-2113.
 - . 2000a. “Stretching the Reign Of Early Animals.” *Science* **288** (5 May): 789.
 - . 2000b. “Dueling Models: Future U.S. Climate Uncertain.” *Science* **288** (23 June): 2113.
 - . 2000c. “A Victim of the Black Sea Flood Found.” *Science* **289** (22 September): 2021.
 - . 2001. “Paring Down the Big Five Mass Extinctions.” *Science* **294** (7 December): 2072-2073.
 - . 2002a. “Did an Impact Trigger the Dinosaurs’ Rise?” *Science* **296** (17 May): 1215-1216.
 - . 2002b. “Reversals Reveal Pitfalls in Spotting Ancient and E.T. Life.” *Science* **296** (24 May): 1384-1385.
 - . 2002c. “Could Poor Nutrition Have Held Life Back?” *Science* **297** (16 August): 1104-1105.
 - . 2002d. “A Trigger for the Cambrian Explosion?” *Science* **298** (22 November): 1547.
 - . 2002e. “A Quickie Birth for Jupiters and Saturns.” *Science* **298** (29 November): 1698-1699.
 - . 2003a. “Megafauna Died From Big Kill, Not Big Chill.” *Science* **300** (9 May): 885.
 - . 2003b. “Life’s Diversity May Truly Have Leaped Since the Dinosaurs.” *Science* **300** (16 May): 1067, 1069.
 - . 2003c. “Minerals Cooked Up in the Laboratory Call Ancient Microfossils Into Question.” *Science* **302** (14 November): 1134.
 - . 2003d. “Has An Impact Done It Again?” *Science* **302** (21 November): 1314-1316.
 - . 2003e. “Extinction by a Whoosh, Not a Bang?” *Science* **302** (21 November): 1315.
 - . 2004. “New Biomarker Proposed for Earliest Life on Earth.” *Science* **304** (23 April): 503.
 - . 2005a. “Fossil Count Suggests Biggest Die-Off Wasn’t Due to a Smashup.” *Science* **307** (21 January): 335.
 - . 2005b. “Gasping for Air in Permian Hard Times.” *Science* **308** (15 April): 337.
 - . 2005c. “How Does Earth’s Interior Work?” *Science* **309** (1 July): 87.
 - . 2005d. “Are We Alone in the Universe?” *Science* **309** (1 July): 88.
 - . 2005e. “How Hot Will the Greenhouse World Be?” *Science* **309** (1 July): 100.
 - . 2005f. “Is Katrina a Harbinger of Still More Powerful Hurricanes?” *Science* **309** (16 September): 1807.
 - . 2006. “Opening the Door to a Chilly New Climate Regime.” *Science* **312** (21 April): 350.
 - . 2008a. “Two Geologic Clocks Finally Keeping the Same Time.” *Science* **320** (25 April): 434-435.
 - . 2008b. “Geologists Find Vestige of Early Earth—Maybe World’s Oldest Rock.” *Science* **321** (26 September): 1755.
 - . 2008c. “Solid Rock Imposes Its Will on a Core’s Magnetic Dynamo.” *Science* **321** (26

- September): 1756-1757.
- . 2008d. “Chinese Cave Speaks of a Fickle Sun Bringing Down Ancient Dynasties.” *Science* **322** (7 November): 837-838.
- . 2009a. “Did the Mammoth Slayer Leave a Diamond Calling Card?” *Science* **323** (2 January): 26.
- . 2009b. “Unseen Link May Solve the Mystery of the Sun’s Superhot Corona.” *Science* **323** (20 March): 1551.
- . 2009c. “Great Oxidation Event Dethroned?” *Science* **324** (17 April): 321.
- . 2009d. “Clouds Appear to Be Big, Bad Player in Global Warming.” *Science* **325** (24 July): 376.
- . 2009e. “What Happened to Global Warming? Scientists Say Just Wait a Bit.” *Science* **326** (2 October): 28-29.
- . 2009f. “Amid Worrisome Signs of Warming, ‘Climate Fatigue’ Sets In.” *Science* **326** (13 November): 926-928.
- . 2009g. “Sea-Floor Study Gives Plumes From the Deep Mantle a Boost.” *Science* **326** (4 December): 1330.
- . 2010a. “Models Foresee More-Intense Hurricanes in the Greenhouse.” *Science* **327** (22 January): 399.
- . 2010b. “Flows on Mars But No Water.” *Science* **327** (22 January): 408.
- . 2010c. “Iceball Mars Proving a Tough Place to Find Liquid Water.” *Science* **327** (26 February): 1075.
- . 2010d. “Snowball Earth Has Melted Back To a Profound Wintry Mix.” *Science* **327** (5 March): 1186.
- . 2010e. “Ocean Acidification Unprecedented, Unsettling.” *Science* **328** (18 June): 1500-1501.
- . 2010f. “‘Arctic Armageddon’ Needs More Science, Less Hype.” *Science* **329** (6 August): 620-621.
- . 2010g. “Mammoth-Killer Impact Flunks Out.” *Science* **329** (3 September): 1140-1141.
- . 2010h. “Phoenix Lander Revealing a Younger, Livelier Mars.” *Science* **329** (10 September): 1267-1269.
- . 2010i. “Liquid Water Found on Mars, But It’s Still a Hard Road for Life.” *Science* **330** (29 October): 571.
- . 2010j. “El Niño Lends More Confidence to Strong Global Warming.” *Science* **330** (10 December): 1465.
- . 2010k. “A Roller-Coaster Plunge Into Martian Water—and Life?” *Science* **330** (17 December): 1617.
- . 2011a. “Tectonic Blow Ended Mountain Building, Fired Up Volcanoes.” *Science* **331** (14 January): 142.
- . 2011b. “What Heated Up the Eocene?” *Science* **331** (14 January): 142-143.
- . 2011c. “Worry But Don’t Panic Over Glacial Losses.” *Science* **331** (14 January): 143.
- . 2011d. “Planetary Two-Step Reshaped Solar System, Saved Earth?” *Science* **332** (10 June): 1255.
- . 2011e. “Antarctic Ice’s Future Still Mired in Its Murky Past.” *Science* **333** (22 July): 401.
- . 2011f. “Into the Stretch for Science’s Point Man on Doomsday.” *Science* **333** (19 August): 928-929.
- . 2011g. “Mystery Pioneer Anomaly Is Real But Still a Mystery.” *Science* **333** (2 September): 1208.
- . 2011h. “Vital Details of Global Warming Are Eluding Forecasters.” *Science* **334** (14 October): 173-174.
- . 2011i. “Humans Are Driving Extreme Weather; Time to Prepare.” *Science* **334** (25 November): 1040.
- . 2011j. “Time to Adapt to a Warming World, But Where’s the Science?” *Science* **334** (25 November): 1052-1053.
- . 2012a. “A Quick (Partial) Fix for an Ailing Atmosphere.” *Science* **335** (13 January): 156.

- . 2012b. “Learning How to NOT Make Your Own Earthquakes.” *Science* **335** (23 March): 1436-1437.
- . 2012c. “The Young Solar System Took a One-Two Punch?” *Science* **336** (13 April): 151.
- . 2012d. “Homegrown Organic Matter Found on Mars, But No Life.” *Science* **336** (25 May): 970.
- . 2012e. “Why Is the Solar System So Bizarre?” *Science* **336** (1 June): 1098.
- . 2012f. “Why Is the Sun’s Corona So Hot?” *Science* **336** (1 June): 1099.
- . 2012g. “Could a Whiff of Methane Revive The Exploration of Mars?” *Science* **336** (22 June): 1500-1503.
- . 2012h. “Cassini Spies on Ocean Inside Saturn’s Icy, Gassy Moon Titan.” *Science* **336** (29 June): 1629.
- . 2012i. “Before the Dinosaurs’ Demise, a Clambake Extinction?” *Science* **337** (14 September): 1280.
- . 2012j. “Ice-Free Arctic Sea May Be Years, Not Decades, Away.” *Science* **337** (28 September): 1591.
- . 2012k. “Question of Martian Methane Is Still Up in the Air.” *Science* **338** (9 November): 733.
- . 2012l. “Experts Agree Global Warming Is Melting the World Rapidly.” *Science* **338** (30 November): 1138.
- . 2012m. “Tying Megaeruptions to a Mass Extinction Long After the Fact.” *Science* **338** (21 December): 1522-1523.
- . 2013a. “Forecasting Regional Climate Change Flunks Its First Test.” *Science* **339** (8 February): 638.
- . 2013b. “Melting Glaciers, Not Just Ice Sheets, Stoking Sea-Level Rise.” *Science* **340** (17 May): 798.
- . 2013c. “How to Make a Great Ice Age, Again and Again and Again.” *Science* **341** (9 August): 599.
- . 2013d. “Taking the Life Out of Titan.” *Science* **341** (30 August): 949-950.
- . 2013e. “Mega-Eruptions Drive the Mother of Mass Extinctions.” *Science* **342** (20 December): 1424.
- . 2014a. “Atlantic Current Can Shut Down for Centuries, Disrupting Climate.” *Science* **343** (21 February): 831.
- . 2014b. “New Look at Ancient Mineral Could Scrap a Test for Early Oxygen.” *Science* **343** (28 February): 961-963.
- . 2014c. “How Earth Can Cool Without Plunging into a Deep Freeze.” *Science* **343** (14 March): 1189.
- . 2014d. “Search for Martian Life Clears Another Hurdle.” *Science* **343** (28 March): 1419.
- Kerr, Richard A., & Eli Kintisch.** 2010. “Climatologists Feel the Heat As Science Meets Politics.” *Science* **330** (17 December): 1623.
- Kerry-Anne.** 2014. “An Arizona Professor Is Being Mobbed By Christian Conservatives For Dating To Show This Slide In Class.” *Church and State* 22 December posting (online text at churchandstate.org accessed 1/15/2015).
- . 2015. “Kim Davis And Her Law Firm Just Got Some Very, Very Bad News.” *Addicting Info* 5 October posting (online text at www.addictinginfo.org accessed 10/5/2015).
- Kershaw, Peter, & Barbara Wagstaff.** 2001. “The Southern Conifer Family: Araucariaceae: History, Status, and Value for Paleoenvironmental Reconstruction.” *Annual Review of Ecology and Systematics* **32**: 397-414.
- Kertscher, Tom.** 2017. “Republican Wisconsin lawmaker wrongly states that it’s fact that the Earth is 6,000 years old.” *PolitiFact Wisconsin* 8 June posting (online text at www.politifact.com accessed 6/29/2017).
- Kervin, Eric, Annette Hochgesand, Ulrich E. Steiner, & Clemens Richert.** 2010. “Templating efficiency of naked DNA.” *Proceedings of the National Academy of Sciences* **107** (6 July): 12074-12079.

- Keseler, Ingrid M., Amanda Mackie, Martin Peralta-Gil, Alberto Santos-Zavaleta, Socorro Gama-Castro, César Bonavides-Martínez, Carol Fulcher, Araceli M. Huerta, Anamika Kothari, Markus Krummenacker, Mario Latendresse, Luis Muñiz-Rascado, Quang Ong, Suzanne Paley, Imke Schröder, Alexander G. Shearer, Pallavi Subhraveti, Mike Travers, Deepika Weerasinghe, Verena Weiss, Julio Collado-Vides, Robert P. Gunsalus, Ian Paulsen, & Peter D. Karp.** 2013. “EcoCyc: fusing model organism databases with systems biology.” *Nucleic Acids Research* **41** (January Database Issue): D605-D612.
- Kessler, Charles R.** 2008. “Thinking About Originalism.” *Harvard Journal of Law & Public Policy* **31** (3): 1121-1128.
- Kessin, Richard H.** 2010. “Sex and Sacrifice.” *Science* **330** (10 December): 1487-1488.
- Kessler, Glenn.** 2011. “Rick Perry’s made-up ‘facts’ about climate change.” The Washington Post *The Fact Checker Blog* posting 18 August online text accessed 8/22/2011 (www.washingtonpost.com).
- . 2013. “Bachmann’s claim that Barack Obama has a ‘\$1.4 billion-a-year presidency’ of ‘perks and excess’.” The Washington Post *The Fact Checker Blog* posting 18 March online text accessed 7/31/2014 (www.washingtonpost.com).
- . 2015. “Ben Carson’s absurd notion that the Founding Fathers had ‘no elected office experience’.” The Washington Post *The Fact Checker Blog* posting 5 November online text accessed 11/7/2015 (www.washingtonpost.com).
- Kessler, M. A., & B. T. Werner.** 2003. “Self-Organization of Sorted Patterned Ground.” *Science* **299** (17 January): 380-383.
- Kessler, Rebecca.** 2011. “When Evolution Slept.” *Discover Magazine Presents Evolution* (Summer Special Issue): 21-23.
- Kessler, Sébastien C., Erin Jo Tiedeken, Kerry L. Simcock, Sophie Derveau, Jessica Mitchell, Samantha Softly, Jane C. Stout, & Geraldine A. Wright.** 2015. “Tasteless pesticides affect bees in the field.” *Nature* **521** (7 May): 74-76.
- Kessler, Sharon A., Hiroko Shimosato-Asano, Nana F. Keinath, Samuel E. Wuest, Gwyneth Ingram, Ralph Panstruga, & Ueli Grossniklaus.** 2010. “Conserved Molecular Components for Pollen Tube Reception and Fungal Invasion.” *Science* **330** (12 November): 968-971.
- Kessler, Sharon, & Neelima Sinha.** 2004. “Shaping up: the genetic control of leaf shape.” *Current Opinion in Plant Biology* **7** (February): 65-72.
- Kestenbaum, David.** 1998. “Gentle Force of Entropy Bridges Disciplines.” *Science* **279** (20 March): 1849.
- Keszthelyi, L.** 2001. “Homochirality of Biomolecules: Counter-Arguments Against Critical Notes.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **31** (June): 249-256.
- Kettleborough, Ross, N. W., Elisabeth M. Busch-Nentwich, Steven A. Harvey, Christopher M. Dooley, Ewart de Bruijn, Freek van Eeden, Ian Sealy, Richard J. White, Colin Herd, Isaac J. Nijman, Fruzsina Fényes, Selina Mehroke, Catherine Scahill, Ricjard Gibbons, Neha Wali, Samantha Carruthers, Amanda Hall, Jennifer Yen, Edwin Cuppen, & Derek L. Stemple.** 2013. “A systematic genome-wide analysis of zebrafish protein-coding gene function.” *Nature* **496** (25 April): 494-497
- Keung, Albert J., & Ahmad S. Khalil.** 2016. “A unifying model of epigenetic regulation.” *Science* **351** (12 February): 661-662.
- Kevany, Brian M., & Krzysztof Palczewski.** 2010. “Phagocytosis of Retinal Rod and Cone Photoreceptors.” *Physiology* **25** (February): 8-15.
- Keverne, Eric B., Donald W. Pfaff, & Inna Tabansky.** 2015. “Epigenetic changes in the developing brain: Effects on behavior.” *Proceedings of the National Academy of Sciences* **112** (2 June): 6789-6795.
- Key, Brian, Robert Arlinghaus, & Howard I. Browman.** 2016. “Insects cannot tell us anything about subjective experience or the origin of consciousness.” *Proceedings of the National Academy of Sciences* **113** (5 July): E3813.

- Keyes, Alan.** 2001a. “Evolution, Creation and Restoration.” *Declaration Foundation Restoring America* 22 June address to Kolbe Center for the Study of Creation (online text at www.declaration.net/ accessed 2/7/2002, website not available as of 10/24/2014).
- . 2001b. “Survival of the fittest?” *Declaration Foundation Restoring America* 7 July posting (online text at www.declaration.net/ accessed 2/7/2002, website not available as of 10/24/2014).
- . 2001c. “Evolution and the family.” *Declaration Foundation Restoring America* 14 July posting (online text at www.declaration.net/ accessed 2/7/2002, website not available as of 10/24/2014).
- Keyes, Scott.** 2012a. “11 Reasons You’re Glad Jim DeMint Is Leaving The Senate.” *Think Progress* 6 December posting (online text at thinkprogress.org accessed 12/7/2012).
- . 2012b. “Meet Sen. Tim Scott: The Tea Party Lawmaker Who Wanted To Impeach President Obama And Kick Kids Off Food Stamps.” *Think Progress* 17 December posting (online text at thinkprogress.org accessed 12/21/2012).
- . 2015. “Huckabee Suggests Poor People Should Be Sold Into Slavery For Stealing.” *Think Progress* 15 October posting (online text at thinkprogress.org accessed 10/17/2015).
- Keyhole, Donald E.** 1960. *Flying Saucers: Top Secret*. New York: G. P. Putnam’s Sons.
- . 1973. *Aliens from Space: The Real Story of Unidentified Flying Objects*. Garden City, NY: Doubleday.
- Keys, David.** 1999. *Catastrophe: An Investigation into the Origins of the Modern World*. New York: Ballantine Books.
- Keyser, André W.** 2000. “New Finds in South Africa.” *National Geographic* **197** (May): 76-83.
- Keyzers, Christian.** 2009. “Mirror Neurons: Are We Ethical by Nature?” in Brockman (2009, 17-24).
- Keza.** 2008. “Getting out and about: The Australian Environment Foundation Conference.” *Strangetimes* 17 October posting (online text at strangetimes.lastsuperpower.net accessed 6/28/2011).
- Khachane, Amit N., & Paul M. Harrison.** 2009. “Assessing the genomic evidence for conserved transcribed pseudogenes under selection.” *BMC Genomics* (online @ biomedcentral.com) **10** (15 September): 435.
- Khachigian, Levon M.** 2000. “Catalytic DNAs as potential therapeutic agents and sequence-specific molecular tools to dissect biological function.” *The Journal of Clinical Investigation* **106** (November): 1189-1195.
- Khadjeh, Sara, Natascha Turetzek, Matthias Pechmann, Evelyn E. Schwager, Ernst A. Wimmer, Wim G. M. Damen, & Nikola-Michael Prpic.** 2012. “Divergent role of the Hox gene *Antennapedia* in spiders is responsible for the convergent evolution of abdominal limb repression.” *Proceedings of the National Academy of Sciences* **109** (27 March): 4921-4926.
- Khaitovich, Philipp, Ines Hellmann, Wolfgang Enard, Katja Nowick, Marcus Leinweber, Henriette Franz, Gunter Weiss, Michael Lachmann, & Svante Pääbo.** 2005. “Parallel Patterns of Evolution in the Genomes and Transcriptomes of Humans and Chimpanzees.” *Science* **309** (16 September): 1850-1854.
- Khaitovich, Philipp, Bjoern Muetzel, Xinwei She, Michael Lachmann, Ines Hellmann, Janko Dietzsch, Stephan Steigele, Hong-Hai Do, Gunter Weiss, Wolfgang Enard, Florian Heissig, Thomas Arendt, Kay Nieselt-Struwe, Evan E. Eichler, & Svante Pääbo.** 2004. “Regional Patterns of Gene Expression in Human and Chimpanzee Brains.” *Genome Research* **14** (August): 1462-1473.
- Khalid, Mohammed, Mohamed Hamdy, Himanshi Singh, Kiran Kumar, & Shaikh Altaf Basha.** 2016. “Anton Babinski Syndrome—A Rare Complication of Cortical Blindness.” *Manipal Journal of Medical Sciences* (India) **1** (June): 49-52.
- Khalighinejad, Nima, & Patrick Haggard.** 2016. “Extending experiences of voluntary action by association.” *Proceedings of the National Academy of Sciences* **113** (2 August): 8867-8872.
- Khalil, Ahmad M., Mitchell Guttman, Maite Huarte, Manuel Garber, Arjun Raj, Dianali**

- Rivea Morales, Kelly Thomas, Aviva Presser, Bradley E. Bernstein, Alexander van Oudenaarden, Aviv Regev, Eric S. Lander, & John L. Rinn.** 2009. “Many human large intergenic noncoding RNAs associate with chromatin-modifying complexes and affect gene expression.” *Proceedings of the National Academy of Sciences* **106** (14 July): 11667–11672.
- Khalil, Elias L.** 2011. “The weightless hat: Is self-deception optimal?” *Behavioral and Brain Sciences* **34** (1): 30-31.
- Khalturin, Konstantin, Friederike Anton-Erxleben, Sylvia Sassmann, Jörb Wittlieb, Georg Hemmrich, & Thomas C. G. Bosch.** 2008. “A Novel Gene Family Controls Species-Specific Morphological Traits in *Hydra*.” *PLoS Biology* (online @ plosbiology.org) **6** (November): e278.
- Khalturin, Konstantin, Matthias Becker, Baruch Rinkevich, & Thomas C. G. Bosch.** 2003. “Urochordates and the origin of natural killer cells: Identification of a CD94/NKR-P1-related receptor in blood cells of *Botryllus*.” *Proceedings of the National Academy of Sciences* **100** (21 January): 622-627.
- Khalturin, Konstantin, Georg Hemmrich, Sebastian Fraune, René Augustin, & Thomas C. G. Bosch.** 2009. “More than just orphans: are taxonomically-restricted genes important in evolution?” *Trends in Genetics* **25** (September): 404-413.
- Khan, Aisha I., Duy M. Dinh, Dominique Schneider, Richard E. Lenski, & Tim F. Cooper.** 2011. “Negative Epistasis Between Beneficial Mutations in an Evolving Bacterial Population.” *Science* **332** (3 June): 1193-1196.
- Khan, Amina.** 2016. “Dinosaurs and their ancestors lived side by side, fossils show.” *Los Angeles Times* posting 10 November: online text accessed 5/22/2017 (www.latimes.com).
- Khan, Razib.** 2015. “Indo-Europeans, Red in Tooth & Claw.” *The Unz Review* 29 July posting (online text at www.unz.com accessed 7/29/2015).
- Khan, Sheraz, Alexandre Gramfort, Nandita R. Shetty, Manfred G. Kitzbichler, Santosh Ganesan, Joseph M. Moran, Su Mei Lee, John D. E. Gabrieli, Helen B. Tager-Flusberg, Robert M. Joseph, Martha R. Herbert, Matti S. Hämäläinen, & Tal Kenet.** 2013. “Local and long-range functional connectivity is reduced in concert in autism spectrum disorders.” *Proceedings of the National Academy of Sciences* **110** (19 February): 3107-3112.
- Khan, Zia, Michael J. Ford, Darren A. Cusanovich, Amy Mitrano, Jonathan K. Pritchard, & Yoav Gilad.** 2013. “Primate Transcript and Protein Expression Levels Under Compensatory Selection Pressures.” *Science* **342** (29 November): 1100-1004.
- Khanra, Nandish, Paolo Rossi, Anastassios Economou, & Charalampos G. Kalodimos.** 2016. “Recognition and targeting mechanisms by chaperones in flagellum assembly and operation.” *Proceedings of the National Academy of Sciences* **113** (30 August): 9798-9803.
- Kharchenko, Peter V., Artyom A. Alekseyenko, Yuri B. Schwartz, Aki Minoda, Nicole C. Riddle, Jason Ernst, Peter J. Sabo, Erica Larschen, Andrey A. Gorchakov, Tingting Gu, Daniela Linder-Basso, Annette Plachetka, Gregory Shanower, Michael Y. Tolstorukov, Lovelace J. Luquette, Ruibin Xi, Youngsook L. Jung, Richard W. Park, Eric P. Bishop, Theresa K. Canfield, Richard Sandstrom, Robert E. Thurman, David M. MacAlpine, John A. Stamatoyannopoulos, Manolis Kellis, Sarah C. R. Elgin, Mitzi I. Kuroda, Vincenzo Pirrotta, Gary H. Karpen, & Peter J. Park.** 2011. “Comprehensive analysis of the chromatin landscape in *Drosophila melanogaster*.” *Nature* **471** (24 March): 480-485.
- Khare, Anupama, Lorenzo A. Santorelli, Joan E. Strassmann, David C. Queller, Adam Kuspa, & Gad Shaulsky.** 2009. “Cheater-resistance is not futile.” *Nature* **461** (15 October): 980-982.
- Khateb, Asaid, Stéphane R. Simon, Sebastian Dieguez, François Lazeyras, Isabelle Momjian-Mayor, Olaf Blanke, Theodor Landis, Alan J. Pegna, & Jean-Marie Annoni.** 2009. “Seeing the phantom: A functional magnetic resonance imaging study of a supernumerary phantom limb.” *Annals of Neurology* **65** (June): 698-705.
- Khatib, Firas, Seth Cooper, Michael D. Tyka, Kefan Xu, Ilya Makedon, Zoran Popović,**

- David Baker, & Foldit Players.** 2011. "Algorithm discovery by protein folding game players." *Proceedings of the National Academy of Sciences* **108** (22 November): 18949-18953.
- Khatib, Firas, Frank Dimaio, Seth Cooper, MacIej Kazmierczyk, Mirosław Gilski, Szymon Krzywdą, Helena Zabranska, Iva Pichova, James Thompson, Zoran Popović, Mariusz Jaskolski, & David Baker.** 2011. "Crystal structure of a monomeric retroviral protease solved by protein folding game players." *Nature Structural & Molecular Biology* (AKA *Nature Structural Biology*) **18** (October): 1175-1177.
- Khatri, Bhavin S., Tom C. B. McLeish, & Richard P. Sear.** 2009. "Statistical mechanics of convergent evolution in spatial patterning." *Proceedings of the National Academy of Sciences* **106** (16 June): 9564-9569.
- Khattak, Zeeshan Ali.** 2009. "Zakir Naik and evolution." *Coder's Log* blog for 28 March (online text at zee-hix.blogspot.com accessed 5/1/2016).
- Khayat, Reza, Liang Tang, Eric T. Larson, C. Martin Lawrence, Mark Young, & John E. Johnson.** 2005. "Structure of an archaeal virus capsid protein reveals a common ancestry to eukaryotic and bacterial viruses." *Proceedings of the National Academy of Sciences* **102** (27 December): 18944-18949.
- Khaymina, Svetlana S., John M. Kenney, Mechthild M. Schroeter, & Joseph M. Chalovich.** 2007. "Fesselin is a Natively Unfolded Protein." *Journal of Proteome Research* **6** (September): 3648-3654.
- Khazina, Elena, & Oliver Weichenrieder.** 2009. "Non-LTR retrotransposons encode noncanonical RRM domains in their first open reading frame." *Proceedings of the National Academy of Sciences* **106** (20 January): 731-736.
- Kheifets, Aaron, & C. R. Gallistel.** 2012. "Mice take calculated risks." *Proceedings of the National Academy of Sciences* **109** (29 May): 8776-8779.
- Kher, Suvrat.** 2007. "Ram Sethu: A Dummies Guide." *Rapid Uplift* 16 September posting (online text at suvratk.blogspot.com accessed 6/3/2017).
- Kherdjemil, Yacine, Robert L. Lalonde, Rushikesh Sheth, Annie Dumouchel, Gemma de Martino, Kyriel M. Pineault, Deneen M. Wellik, H. Scott Stadler, Marie Andrée Akimenko, & Marie Kmita.** 2016. "Evolution of *Hoxa11* regulation in vertebrates is linked to the pentadactyl state." *Nature* **539** (3 November): 89-92.
- Khersonsky, Olga, Gert Kiss, Daniela Röthlisberger, Orly Dym, Shira Albeck, Kendall N. Houk, David Baker, & Dan S. Tawfik.** 2012. "Bridging the gaps in design methodologies by evolutionary optimization of the stability and proficiency of designed Kemp eliminase KE59." *Proceedings of the National Academy of Sciences* **109** (26 June): 10358-10363.
- Khersonsky, Olga, Sergey Malitsky, Ilana Rogachev, & Dan S. Tawfik.** 2011. "Role of Chemistry versus Substrate Binding in Recruiting Promiscuous Enzyme Functions." *Biochemistry* **50** (5 April): 2683-2690.
- Khersonsky, Olga, Cintia Roodveldt, & Dan S. Tawfik.** 2006. "Enzyme promiscuity: evolutionary and mechanistic aspects." *Current Opinion in Chemical Biology* **10** (October): 498-508.
- Khersonsky, Olga, & Dan S. Tawfik.** 2010. "Enzyme promiscuity: A mechanistic and evolutionary perspective." *Annual Review of Biochemistry* **79**: 471-505.
- Khodarev, Nikolai, Sunil J. Advani, Nalin Gupta, Bernard Roizman, & Ralph R. Weichselbaum.** 1999. "Accumulation of specific RNAs encoding transcriptional factors and stress response proteins against a background of severe depletion of cellular RNAs in cells infected with herpes simplex virus I." *Proceedings of the National Academy of Sciences* **96** (12 October): 12062-12067.
- Khomyakova, Maria, Özlem Bükmez, Lorenz K. Thomas, Tobias J. Erb, & Ivan A. Berg.** 2011. "A Methylaspartate Cycle in Haloarchaea." *Science* **331** (21 January): 334-337.
- Khonsari, Roman H., Maisa Seppala, Alan Pradel, Hugo Dutel, Gaël Clément, Oleg Lebedev, Sarah Ghafoor, Michaela Rothova, Abigael Tucker, John G. Maisey, Chen-Ming Fan, Maiko Kawasaki, Atsushi Ohazama, Paul Tafforeau, Brunella Franco, Jill**

- Helms, Courtney J. Haycraft, Albert David, Philippe Janvier, Martyn T. Cobourne, & Paul T. Sharpe.** 2013. "The buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling." *BMC Biology* (online @ biomedcentral.com) **11** (28 March): 27.
- Khosla, Simran.** 2014. "This map shows which disease is most likely to kill you depending on where you live." *Global Post* 11 June posting (online text at www.globalpost.com accessed 8/30/2015).
- Khrameeva, Ekaterina E., Katarzyna Bozek, Liu He, Zheng Yan, Xi Jiang, Yuning Wei, Kun Tang, Mikhail S. Gelfand, Kay Prufer, Janet Kelso, Svante Paabo, Patrick Gialvalisco, Michael Lachmann, & Philipp Khaitovich.** 2014. "Neanderthal ancestry drives evolution of lipid catabolism in contemporary Europeans." *Nature Communications* (online @ nature.com) **5** (1 April): 3584.
- Khvorova, Anastasia, Yong-Geun Kwak, Michael Tamkun, Irene Majerfeld, & Michael Yarus.** 1999. "RNAs that bind and change the permeability of phospholipid membranes." *Proceedings of the National Academy of Sciences* **96** (14 September): 10649-10654.
- Kiang, Nancy Y.** 2008. "The Color of Plants on Other Worlds." *Scientific American* **298** (April): 48-55.
- Kiani, Roozbeh, & Michael N. Shadlen.** 2009. "Representation of Confidence Associated with a Decision by Neurons in the Parietal Cortex." *Science* **324** (8 May): 759-764.
- Kibbe, Matt.** 2012. "ObamaCare Verdict Imminent." *Townhall Daily* for 14 June (online text via townhall.com accessed 6/15/2012).
- Kibii, Job M., Steven E. Churchill, Peter Schmid, Kristian J. Carlson, Nichelle D. Reed, Darryl J. de Ruiter, & Lee R. Berger.** 2011. "A Partial Pelvis of *Australopithecus sediba*." *Science* **333** (9 September): 1407-1411.
- Kick, Russ,** ed. 2001. *You Are Being Lied To: The Disinformation Guide to Media Distortion, Historical Whitewashes and Cultural Myths.* New York: The Disinformation Company Ltd.
- Kida, Thomas.** 2006. *Don't Believe Everything You Think: The 6 Basic Mistakes We Make in Thinking.* Amherst, NY: Prometheus Books.
- Kidd, David Corner, & Emanuele Castano.** 2013. "Reading Literary Fiction Improves Theory of Mind." *Science* **342** (18 October): 377-380.
- Kidd, Thomas S.** 2012. "Campus ministry conflict." *World Magazine* posting 30 November (online text at www.worldmag.com accessed 12/5/2012).
- Kidder, James.** 2010a. "Casey Luskin on The Smithsonian Human Origins Exhibit." *Science and Religion: A View from an Evolutionary Creationist/Theistic Evolutionist* posting 12 April (online text at scienceandreligion.blogspot.com accessed 4/14/2010).
- . 2010b. "Fossil Evidence in support of Biological Evolution: Early Geological Excavations." *Center for Faith and Science International* posting 27 September (online text at cfsint.org accessed 2/1/2013).
- . 2010c. "Modern Palaeontology and Evidence for Evolution." *Center for Faith and Science International* posting 1 November (online text at cfsint.org accessed 2/1/2013).
- . 2011a. "The Human Fossil Record, Part 1: The Nature of Transitional Fossils." *The BioLogos Foundation* posting 1 January (online text at biologos.org accessed 2/1/2013).
- . 2011b. "The Human Fossil Record, Part 2: Bipedality." *The BioLogos Foundation* posting 5 January (online text at biologos.org accessed 2/1/2013).
- . 2011c. "The Human Fossil Record, Part 3: The Discovery of Australopithecus." *The BioLogos Foundation* posting 10 February (online text at biologos.org accessed 2/1/2013).
- . 2011d. "The Human Fossil Record, Part 4: Australopithecus Conquers the Landscape." *The BioLogos Foundation* posting 4 April (online text at biologos.org accessed 2/1/2013).
- . 2011e. "Evolution, Randomness and Worldview." *Center for Faith and Science International* posting 24 May (online text at cfsint.org accessed 2/1/2013).
- . 2011f. "The Human Fossil Record, Part 5: The Dispersal of the Australopithecines." *The BioLogos Foundation* posting 16 June (online text at biologos.org accessed 2/1/2013).
- . 2011g. "The Human Fossil Record, Part 6: The Dispersal of the Australopithecines, Cont'd." *The BioLogos Foundation* posting 20 June (online text at biologos.org accessed

- 2/1/2013).
- . 2011h. “The Human Fossil Record: The Rise of Early Homo.” *The BioLogos Foundation* posting 26 August (online text at *biologos.org* accessed 2/1/2013).
- . 2011i. “The Human Fossil Record: Evolution in Early Homo.” *The BioLogos Foundation* posting 17 November (online text at *biologos.org* accessed 2/1/2013).
- . 2012a. “The Human Fossil Record: Out of Africa (The First Time).” *The BioLogos Foundation* posting 12 April (online text at *biologos.org* accessed 2/1/2013).
- . 2012b. “The Human Fossil Record: Homo erectus in Asia.” *The BioLogos Foundation* posting 28 July (online text at *biologos.org* accessed 2/1/2013).
- . 2012c. “The Human Fossil Record: Homo erectus in Asia, Cont’d.” *The BioLogos Foundation* posting 29 July (online text at *biologos.org* accessed 2/1/2013).
- . 2013. “The Rise of Archaic Homo Sapiens.” *The BioLogos Foundation* posting 21 January (online text at *biologos.org* accessed 2/1/2013).
- . 2015. “The Evolutionary Significance of the Daoxian Teeth Discovery.” *The BioLogos Foundation* posting 11 November (online text at *biologos.org* accessed 6/16/2016).
- Kidger, Mark.** 1999. *The Star of Bethlehem: An Astronomer’s View*. Princeton, NJ: Princeton University Press.
- Kids.Net.* 2015. “Miller Experiment.” *Kids.Net Encyclopedia* posting (online text at *encyclopedia.kids.net.au* accessed 6/2/2015).
- Kidwell, Margaret G., & Damon R. Lisch.** 2000. “Transposable elements and host genome evolution.” *Trends in Ecology & Evolution* **15** (March): 95-99.
- . 2001. “Transposable Elements, Parasitic DNA, and Genome Evolution.” *Evolution* **55** (January): 1-24.
- Kidwell, Susan M.** 2015. “Biology in the Anthropocene: Challenges and insights from young fossil records.” *Proceedings of the National Academy of Sciences* **112** (21 April): 4922-4929.
- Kiehl, Kent A., & Joshua W. Buckholtz.** 2010. “Inside the Mind of a Psychopath.” *Scientific American Mind* **21** (September/October): 22-29.
- Kielan-Jaworowska, Zofia.** 1969. “Evolution of the therian mammals in the Late Cretaceous of Asia. Part II. Postcranial skeleton in *Kennalestes* and *Asioryctes*.” *Palaeontologia Polonica* **37**: 65-86.
- . 1992. “Interrelationships of Mesozoic Mammals.” *Historical Biology* **6** (3): 185-202.
- Kielan-Jaworowska, Zofia, Richard L. Cifelli, & Zhe-Xi Luo.** 2004. *Mammals from the Age of Dinosaurs: Origins, Evolution, and Structure*. New York: Columbia University Press.
- Kielan-Jaworowska, Zofia, & Jørn M. Hurum.** 2006. “Limb posture in early mammals: Sprawling or parasagittal.” *Acta Palaeontologica Polonica* **51** (3): 393-406.
- Kielan-Jaworowska, Zofia, & Terry E. Lancaster.** 2004. “A new reconstruction of multituberculate endocranial casts and encephalization quotient of *Kryptobaatar*.” *Acta Palaeontologica Polonica* **49** (2): 177-188.
- Kiely, Eugene.** 2012. “Santorium Exaggerates Dropout Rate.” *FactCheck* 21 February (online text at *factcheck.org* accessed 11/28/2012).
- Kier, Gerold, Holger Kreft, Tien Ming Lee, Walter Jetz, Pierre L. Ibisch, Christoph Nowicki, Jens Mutke, & Wilhelm Barthlott.** 2009. “A global assessment of endemism and species richness across island and mainland regions.” *Proceedings of the National Academy of Sciences* **106** (9 June): 9322-9327.
- Kiers, E. Toby, Robert E. Rousseau, Stuart A. West, & R. Ford Denison.** 2003. “Host sanctions and the legume-rhizobium mutualism.” *Nature* **425** (4 September): 78-81.
- Kiers, E. Toby, & Stuart A. West.** 2015. “Evolving new organisms via symbiosis.” *Science* **348** (24 April): 392-394.
- Kierzek, Elzbieta, & Ryszard Kierzek.** 2003. “The thermodynamic stability of RNA duplexes and hairpins containing N⁶-alkyladenosines and 2-methylthio-N⁶-alkyladenosines.” *Nucleic Acids Research* **31** (1 August): 4472-4480.
- Kiesel, Aaron.** 2009. “How can we explain the course of the recurrent laryngeal nerve?” *Darwin’s Students* posting 17 June (online text at *darwinstudents.blogspot.com* accessed

- 9/29/2011).
- Kiessling, Wolfgang.** 2006. "Life's Complexity Cast in Stone." *Science* **314** (24 November): 1254-1255.
- Kiessling, Wolfgang, Carl Simpson, Brian Beck, Heike Mewis, & John M. Pandolfi.** 2012. "Equatorial decline of reef corals during the last Pleistocene interglacial." *Proceedings of the National Academy of Sciences* **109** (26 December): 21378-21383.
- Kiessling, Wolfgang, Carl Simpson, & Michael Foote.** 2010. "Reefs as Cradles of Evolution and Sources of Biodiversity in the Phanerozoic." *Science* **327** (8 January): 196-198.
- Kiga, Daisuke, Kensaku Sakamoto, Koichiro Kodama, Takanori Kigawa, Takayoshi Matsuda, Takashi Yabuki, Mikako Shirouzu, Yoko Harada, Hiroshi Nakayama, Koji Takio, Yoshinori Hasegawa, Yaeta Endo, Ichiro Hirao, & Shigeyuki Yokoyama.** 2002. "An engineered *Escherichia coli* tyrosyl-tRNA synthetase for site-specific incorporation of an unnatural amino acid into proteins in eukaryotic translation and its application in a wheat germ cell-free system." *Proceedings of the National Academy of Sciences* **99** (23 July): 9715-9720.
- Kihara, May, Noreen R. Francis, David J. DeRosier, & Robert M. Macnab.** 1996. "Analysis of a FliM-FliN Flagellar Switch Fusion Mutant of *Salmonella typhimurium*." *Journal of Bacteriology* **178** (August, No. 15): 4582-4589.
- Kihara, May, Gabriele U. Miller, & Robert M. Macnab.** 2000. "Deletion Analysis of the Flagellar Switch Protein FliG of *Salmonella*." *Journal of Bacteriology* **182** (June, No. 11): 3022-3028.
- Kihara, May, Tohru Minamino, Shigeru Yamaguchi, & Robert M. Macnab.** 2001. "Intergenic Suppression between the Flagellar MS Ring Protein FliF of *Salmonella* and FlhA, a Membrane Component of Its Export Apparatus." *Journal of Bacteriology* **183** (March, No. 5): 1655-1662.
- Kihlstrom, John F.** 1987. "The Cognitive Unconscious." *Science* **237** (18 September): 1445-1452.
- Kiipli, Tarmo, Toivo Kallaste, & Enli Kiipli.** 2004. "Areal variations in the composition of the Kinnekulle altered volcanic ash bed (Caradoc)—relations to sedimentary facies," in Hints & Ainsaar (2004, 55-56).
- Kijimoto, Teiya, Armin P. Moczek, & Justen Andrews.** 2012. "Diversification of *doublesex* function underlies morph-, sex-, and species-specific development of beetle horns." *Proceedings of the National Academy of Sciences* **109** (11 December): 20526-20531.
- Kikuchi, David W., & David W. Pfennig.** 2010. "Predator Cognition Permits Imperfect Coral Snake Mimicry." *The American Naturalist* **176** (December): 830-834.
- Kikuchi, Shingo, Jocelyn Bédard, Minako Hirano, Yoshino Hirabayashi, Maya Oishi, Midori Imai, Mai Takase, Toru Ide, & Masato Nakai.** 2013. "Uncovering the Protein Translocon at the Chloroplast Inner Envelope Membrane." *Science* **339** (1 February): 571-574.
- Kikuta, Hiroshi, Mary Laplante, Pavla Navratilova, Anna Z. Komisarczuk, Pär G. Engström, David Fredman, Altuna Akalin, Mario Caccamo, Ian Sealy, Kerstin Howe, Julien Ghislain, Guillaume Pezeron, Philippe Mourrain, Staale Ellingsen, Andrew C. Oates, Christine Thisse, Bernard Thisse, Isabelle Foucher, Birgit Adolf, Andrew Geling, Boris Lenhard, & Thomas S. Becker.** 2007. "Genomic regulatory blocks encompass multiple neighboring genes and maintain conserved synteny in vertebrates." *Genome Research* **17** (May): 545-555.
- Kikuta, Yukio, Hirokazu Ueda, Koji Nakayama, Yoshio Katsuda, Rika Ozawa, Junji Takabayashi, Akikazu Hatanaka, & Kazuhiko Matsuda.** 2011. "Specific Regulation of Pyrethrin Biosynthesis in *Chrysanthemum cinerariaefolium* by a Blend of Volatiles Emitted from Artificially Damaged Conspecific Plants." *Plant & Cell Physiology* **52** (March): 588-596.
- Kilgannon, Corey.** 2010. "Origin of the Species, From an Alien View." *The New York Times* posting 8 January: online text accessed 5/9/2010 (www.nytimes.com).
- Kilgard, Michael P., & Michael M. Merzenich.** 2002. "Order-sensitive plasticity in adult

- primary auditory cortex.” *Proceedings of the National Academy of Sciences* **99** (5 March): 3205-3209.
- Killgrove, Kristina.** 2015. “What Archaeologists Really Think About Ancient Aliens, Lost Colonies, And Fingerprints Of The Gods.” *Forbes Tech* posting 3 September (online text at www.forbes.com accessed 9/3/2015).
- Killian, J. Keith, Markku Miettinen, Robert L. Walker, Yonghong Wang, Yuelin Jack Zhu, Joshua J. Waterfall, Natalia Noyes, Parvathy Retnakumar, Zhiming Yang, William I. Smith Jr., M. Scott Killian, C. Christopher Lau, Marbin Pineda, Jennifer Walling, Holly Stevenson, Carly Smith, Zengfeng Wang, Jerzy Lasota, Su-Young Kim, Sosipatros A. Boikos, Lee J. Helman, & Paul S. Meltzer.** 2014. “Recurrent epimutation of *SDHC* in gastrointestinal stromal tumors.” *Science Translational Medicine* **6** (24 December): 268ra177.
- Killingsworth, Bryan A., Justin A. Hayles, Chuanming Zhou, & Huiming Bao.** 2013. “Sedimentary constraints on the duration of the Marinoan Oxygen-17 Depletion (MOSD) event.” *Proceedings of the National Academy of Sciences* **110** (29 October): 17686-17690.
- Kilner, Rebecca.** 2010. “Learn to beat an identity cheat.” *Nature* **463** (14 January): 165-167.
- Kilpatrick, Joel.** 2006. *A Field Guide to Evangelicals & Their Habitat*. San Francisco: HarperSanFrancisco.
- Kilpinen, Helena, Sebastian M. Waszak, Andreas R. Gschwind, Sunil K. Raghav, Robert M. Witwicki, Andrea Orioli, Eugenia Migliavacca, Michaël Wiederkehr, Maria Gutierrez-Arcelus, Nikolaos I. Panousis, Alisa Yurovsky, Tuuli Lappalainen, Luciana Romano-Palumbo, Alexandra Planchon, Deborah Bielser, Julien Bryois, Ismael Padioleau, Gilles Udin, Sarah Thurnheer, David Hacker, Leighton J. Core, John T. Lis, Nouria Hernandez, Alexandre Reymond, Bart Deplancke, & Emmanouil T. Dermitzakis.** 2013. “Coordinate Effects of Sequence Variation on DNA Binding, Chromatin Structure, and Transcription.” *Science* **342** (8 November): 744-747.
- Kilteni, Konstantina, & H. Henrik Ehrsson.** 2017. “Body ownership determines the attention of self-generated tactile sensations.” *Proceedings of the National Academy of Sciences* **114** (1 August): 8426-8431.
- Kim, Alexander, Christophe Terzian, Pedro Santamaria, Alain Pélisson, Nicole Prud’homme, & Alain Bucheton.** 1994. “Retroviruses in invertebrates: The *gypsy* retrotransposon is apparently an infectious retrovirus of *Drosophila melanogaster*.” *Proceedings of the National Academy of Sciences* **91** (15 February): 1285-1289.
- Kim, Chang-Bae, Chris Amemiya, Wendy Bailey, Kazuhiko Kawasaki, Jason Mezey, Webb Miller, Shinsei Minoshima, Nobuyoshi Shimizu, Günter Wagner, & Frank Ruddle.** 2000. “Hox cluster genomics in the horn shark, *Heterodontus francisci*.” *Proceedings of the National Academy of Sciences* **97** (15 February): 1655-1660.
- Kim, Christine, & Jennifer Marshall.** 2012. “New Research on Children of Same-Sex Parents Suggests Differences Matter.” *Heritage Foundation* 11 June posting (online text at blog.heritage.org accessed 11/27/2012).
- Kim, Dennis H., Rhonda Feinbaum, Geneviève Alloing, Fred E. Emerson, Danielle A. Garsin, Hideki Inoue, Miho Tanaka-Hino, Naoki Hisamoto, Kunihiro Matsumoto, Man-Wah Tan, & Frederick M. Ausubel.** 2002. “A Conserved p38 MAP Kinase Pathway in *Caenorhabditis elegans* Innate Immunity.” *Science* **297** (26 July): 623-626.
- Kim, Eddo, Alon Magen, & Gil Ast.** 2007. “Different levels of alternative splicing among eukaryotes.” *Nucleic Acids Research* **35** (12 January): 125-131.
- Kim, Eunsoo, James W. Harrison, Sebastian Sudek, Meredith D. M. Jones, Heather M. Wilcox, Thomas A. Richards, Alexandra Z. Worden, & John M. Archibald.** 2011. “Newly identified and diverse plastid-bearing branch on the eukaryotic tree of life.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1496-1500.
- Kim, Eunsoo, Alastair G. B. Simpson, & Linda E. Graham.** 2006. “Evolutionary Relationships of Apusomonads Inferred from Taxon-Rich Analyses of 6 Nuclear Encoded Genes.” *Molecular Biology and Evolution* **23** (December): 2455-2466.
- Kim, Ghoetae, Jarrod A. Lewis-Peacock, Kenneth A. Norman, & Nicholas B. Turk-Browne.**

2014. "Pruning of memories by context-based prediction error." *Proceedings of the National Academy of Sciences* **111** (17 June): 8997-9002.
- Kim, Gunjune, Megan L. LeBlanc, Eric K. Wafula, Claude W. dePamphilis, & James H. Westwood.** 2014. "Genomic-scale exchange of mRNA between a parasitic plant and its hosts." *Science* **345** (15 August): 808-811.
- Kim, Gwang-Won, Jong-Chul Yang, & Gwang-Woo Jeong.** 2011. "Brain activation patterns associated with sexual orientation in homosexual male and female: preliminary study with 3.0T fMRI." *Journal of Biomedical Science and Engineering* **4** (March): 196-199.
- Kim, Hajin, Sanjaya C. Abeysirigunawarden, Ke Chen, Megan Mayerie, Kaushik Ragnathan, Zaida Luthey-Schulten, Taekjip Ha, & Sarah A. Woodson.** 2014. "Protein-guided RNA dynamics during early ribosome assembly." *Nature* **506** (20 February): 334-338.
- Kim, Heejung S., David K. Sherman, Joni Y. Sasaki, Jun Xu, Thai Q. Chu, Chorong Ryu, Eunok M. Suh, Kelsey Graham, & Shelley E. Taylor.** 2010. "Culture, distress, and oxytocin receptor polymorphism (OXTR) interact to influence emotional support seeking." *Proceedings of the National Academy of Sciences* **107** (7 September): 15717-15721.
- Kim, Heujong, Kiyong Kim, Jaekwang Kim, Song-Hee Kim, & Jeongbin Yim.** 2012. "Mutagenesis by imprecise excision of the *piggyBac* transposon in *Drosophila melanogaster*." *Biochemical and Biophysical Research Communications* **417** (6 January): 335-339.
- Kim, Hie Lim, Takeshi Igawa, Ayaka Kawashima, Yoko Satta, & Naoyuki Takahata.** 2010. "Divergence, demography and gene loss along the human lineage." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (August): 2541-2557.
- Kim, Hye-Kyung, Jong-Moon Kim, Seog K. Kim, Alison Rodger, & Bengt Norden.** 1996. "Interactions of Intercalative and Minor Groove Binding Ligands with Triplex Poly(dA)·[Poly(dT)]₂ and with Duplex Poly(dA)·Poly(dT) and Poly[d(A-T)]₂ Studied by CD, LD, and Normal Absorption." *Biochemistry* **35** (30 January): 1187-1194.
- Kim, Hye-Mi, Peter J. Webster, & Judith A. Curry.** 2009. "Impact of Shifting Patterns of Pacific Ocean Warming on North Atlantic Tropical Cyclones." *Science* **325** (3 July): 77-80.
- Kim, Hyi-Gyung, Sterling C. Keeley, Peter S. Vroom, & Robert K. Jansen.** 1998. "Molecular evidence for an African origin of the Hawaiian endemic *Hesperomannia* (Asteraceae)." *Proceedings of the National Academy of Sciences* **95** (22 December): 15440-15445.
- Kim, Hyo-Joong, Alonso Ricardo, Heshan I. Illangkoon, Myong Jung Kim, Matthew A. Carrigan, Fabianne Frye, & Steven A. Benner.** 2011. "Synthesis of Carbohydrates in Mineral-Guided Prebiotic Cycles." *Journal of the American Chemical Society* **133** (22 June): 9457-9458.
- Kim, Jaebum, Marta Farré, Loretta Auvil, Boris Capitanu, Denis M. Larkin, Jian Ma, & Harris A. Lewin.** 2017. "Reconstruction and evolutionary history of eutherian chromosomes." *Proceedings of the National Academy of Sciences* **114** (3 July): E5379-E5388.
- Kim, Jane C., & Terry L. Orr-Weaver.** 2011. "Analysis of a *Drosophila* amplicon in follicle cells highlights the diversity of metazoan replication origins." *Proceedings of the National Academy of Sciences* **108** (4 October): 16681-16686.
- Kim, Jin Hae, Marco Tonelli, Ronnie O. Frederick, Darius C.-F. Chow, & John L. Markley.** 2012. "Specialized Hsp70 Chaperone (HscA) Binds Preferentially to the Disordered Form, whereas J-protein (HscB) Binds Preferentially to the Structured Form of the Iron-Sulfur Cluster Scaffold Protein (IscU)." *The Journal of Biological Chemistry* **287** (7 September): 31406-31413.
- Kim, Jiyeun, Yeo Jin Won, Naruo Nikoh, Hiroshi Nakayama, Sang Heum Han, Yoshitomo Kikuchi, Young Ha Rhee, Ha Young Park, Jeong Yun Kwon, Kenji Kurokawa, Naoshi Dohmae, Takema Fukatsu, & Bok Luel Lee.** 2013. "Polyester synthesis genes associated with stress resistance are involved in an insect-bacterium symbiosis." *Proceedings of the National Academy of Sciences* **110** (25 June): E2381-E2389.

- Kim, Jonggul, Larry R. Masterson, Alessandro Cembran, Raffaello Verardi, Lei Shi, Jiali Gao, Susan S. Taylor, & Gianluigi Veglia.** 2015. “Dysfunctional conformational dynamics of protein kinase A induced by a lethal mutant of phospholamban hinder phosphorylation.” *Proceedings of the National Academy of Sciences* **112** (24 March): 3716-3721.
- Kim, Juhan, & Shelley D. Copley.** 2012. “Inhibitory cross-talk upon introduction of a new metabolic pathway into an existing metabolic network.” *Proceedings of the National Academy of Sciences* **109** (16 October): E2856-E2864.
- Kim, Juhan, Jamie P. Kershner, Yehor Novikov, Richard K. Shoemaker, & Shelley D. Copley.** 2010. “Three serendipitous pathways in *E. Coli* can bypass a block in pyridoxal-5'-phosphate synthesis.” *Molecular Systems Biology* (online @ molecularsystemsbiology.com) **6** (30 November): 436.
- Kim, Juhyun, Sang-Yong Jung, Yeon Kyung Lee, Sangki Park, June-Seek Choi, C. Justin Lee, Hye-Sun Kim, Yun-Beom Choi, Peter Scheiffele, Craig H. Bailey, Eric R. Kandel, & Joung-Hun Kim.** 2008. “Neuroigin-1 is required for normal expression of LTP and associative fear memory in the amygdala of adult animals.” *Proceedings of the National Academy of Sciences* **105** (1 July): 9087-9092.
- Kim, Jung-Hyun, Artem Kononenko, Indri Erliandri, Tae-Aug Kim, Megumi Nakano, Yuichi Iida, J. Carl Barrett, Mitsuo Oshimura, Hiroshi Masumoto, William C. Earnshaw, Vladimir Larionov, & Natalay Kouprina.** 2011. “Human artificial chromosome (HAC) vector with a conditional centromere for correction of genetic deficiencies in human cells.” *Proceedings of the National Academy of Sciences* **108** (13 December): 20048-20053.
- Kim, Junghyung.** 2011. “Naturalistic versus Eschatological Theologies of Evolution.” *Perspectives on Science and Christian Faith (AKA Journal of the ASA)* **63** (June): 95-107.
- Kim, Jung-Woong, Hyun-Jin Yang, Adam Phillip Oel, Matthew John Brooks, Li Jia, David Charles Plachetzki, We Li, William Ted Allison, & Anand Swaroop.** 2016. “Recruitment of Rod Photoreceptors from Short-Wavelength-Sensitive Cones during the Evolution of Nocturnal Vision in Mammals.” *Developmental Cell* **37** (20 June): 520-532.
- Kim, K. J., Y. E. Na, & K. W. Jeon.** 1994. “Bacterial Endosymbiont-Derived Lipopolysaccharides and a Protein on Symbiosome Membranes in Newly Infected Amoebae and Their Roles in Lysosome-Symbiosome Fusion.” *Infection and Immunity* **62** (January): 65-71.
- Kim, Ki-Joong, & Robert K. Jansen.** 1995. “*ndhF* sequence evolution and the major clades in the sunflower family.” *Proceedings of the National Academy of Sciences* **92** (24 October): 10379-10383.
- Kim, Kyung Mo, & Gustavo Caetano-Anollés.** 2011. “The proteomic complexity and rise of the primordial ancestor of diversified life.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (25 May): 140.
- Kim, Luke.** 2008. “Bacterial Attenuation and its Link to Innate Oncolytic Potential.” *Answers in Genesis Answers Research Journal* **1**: 117-122.
- Kim, Min-Sik, Sneha M. Pinto, Derese Getnet, Raja Sekhar Nirujogi, Srikanth S. Manda, Raghothama Chaerkady, Anil K. Madugundu, Dhanashree S. Kelkar, Ruth Isserlin, Shobhit Jain, Joji K. Thomas, Babylakshmi Muthusamy, Pamela Leal-Rojas, Praveen Kumar, Nandini A. Sahasrabuddhe, Lavanya Balakrishnan, Jayshree Advani, Bijesh George, Santosh Renuse, Lakshmi Dhevi N. Selvan, Arun H. Patil, Vishalakshi Nanjappa, Aneesha Radhakrishnan, Samarjeet Prasad, Tejaswini Subbannayya, Rajesh Raju, Manish Kumar, Sreelakshmi K. Sreenivasamurthy, Arivusudar Marimuthu, Gajanan J. Sathe, Sandip Chavan, Keshava K. Datta, Yashwanth Subbannayya, Apeksha Sahu, Soujanya D. Yelamanchi, Savita Jayaram, Pavithra Rajagopalan, Jyoti Sharma, Krishna R. Murthy, Nazia Syed, Renu Goel, Aafaque A. Khan, Sartaj Ahmad, Gourav Dey, Keshav Mudgal, Aditi Chatterjee, Tai-Chung Huang, Jun Zhong, Xinyan Wu, Patrick G. Shaw, Donald Freed, Muhannad S. Zahari, Kanchan K. Mukherjee, Subramanian Shankar, Anita Mahadevan, Henry Lam, Christopher J. Mitchell, Susarla Krishna Shankar, Parthasarathy**

- Satishchandra, John T. Schroeder, Ravi Sirdeshmukh, Anirban Maitra, Steven D. Leach, Charles G. Drake, Marc K. Halushka, T. S. Keshava Prasad, Ralph H. Hruban, Candace L. Kerr, Gary D. Bader, Christine A. Iacobuzio-Donahue, Harsha Gowda, & Akhilesh Pandey.** 2014. "A draft map of the human proteome." *Nature* **509** (29 May): 575-581.
- Kim, Nayun, Shar-yin N. Huang, Jessica S. Williams, Yue C. Li, Alan B. Clark, Jang-Eun Cho, Thomas A. Kunkel, Yves Pommier, & Sue Jinks-Robertson.** 2011. "Mutagenic Processing of Ribonucleotides in DNA by Yeast Topoisomerase." *Science* **332** (24 June): 1561-1564.
- Kim, Neil H., Gloria Lee, Nicholas J. Sherer, K. Michael Martini, Nigel Goldenfeld, & Thomas E. Kuhlman.** 2016. "Real-time transposable element activity in individual live cells." *Proceedings of the National Academy of Sciences* **113** (28 June): 7278-7283.
- Kim, Peter S., James E. Coxworth, & Kristen Hawkes.** 2012. "Increased longevity evolves from grandmothering." *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (22 December): 4880-4884.
- Kim, Pilyoung, Gary W. Evans, Michael Angstadt, S. Shaun Ho, Chandra S. Sripada, James E. Swain, Israel Liberzon, & K. Luan Phan.** 2013. "Effects of childhood poverty and chronic stress on emotion regulatory brain function in adulthood." *Proceedings of the National Academy of Sciences* **110** (12 November): 18442-18447.
- Kim, Sangtae, Douglas E. Soltis, Pamela S. Soltis, & Youngbae Suh.** 2004. "DNA sequences from Miocene fossils: an *ndhF* sequence of *Magnolia latahensis* (Magnoliaceae) and an *rbcl* sequence of *Persea pseudocarolinensis* (Lauraceae)." *American Journal of Botany* **91** (April): 615-620.
- Kim, Sang-Tae, Sonia E. Sultan, & Michael J. Donoghue.** 2008. "Allopolyploid speciation in *Persicaria* (Polygonaceae): Insights from a low-copy nuclear region." *Proceedings of the National Academy of Sciences* **105** (26 August): 12370-12375.
- Kim, Se Joo, Young Shin Kim, Chan-Hyung Kim, & Hong Shick Lee.** 2006. "Lack of Association between Polymorphisms of the Dopamine Receptor D4 and Dopamine Transporter Genes and Personality Traits in a Korean Population." *Yonsei Medical Journal* **47** (December): 787-792.
- Kim, Seongcheol, Maira Carrillo, Vrinda Kulkarni, & Pudur Jagadeeswaran.** 2009. "Evolution of Primary Hemostasis in Early Vertebrates." *PLoS ONE* (online @ plosone.org) **4** (December): e8403.
- Kim, Soo Jung, Jae Seok Yoon, Hideki Shishido, Zhongying Yang, LeeAnn A. Rooney, Jose M. Barral, & William R. Skach.** 2015. "Translational tuning optimized nascent protein folding in cells." *Science* **348** (24 April): 444-448.
- Kim, Sora L., J. G. M. Thewissen, Morgan M. Churchill, Robert S. Suydam, Darlene R. Ketten, & Mark T. Clementz.** 2014. "Unique Biochemical and Mineral Composition of Whale Ear Bones." *Physiological and Biochemical Zoology* **87** (July-August): 576-584.
- Kim, Sung Soo, Hervé Rouault, Shaul Druckmann, & Vivek Jayaraman.** 2017. "Ring attractor dynamics in the *Drosophila* central brain." *Science* **356** (26 May): 849-853.
- Kim, Sung-Yon, Avishek Adhikari, Soo Yeun Lee, James H. Marshel, Christina K. Kim, Caitlin S. Mallory, Maisie Lo, Sally Pak, Joanna Mattis, Byung Kook Lim, Robert C. Malenka, Melissa R. Warden, Rachael Neve, Kay M. Tye, & Karl Deisseroth.** 2013. "Diverging neural pathways assemble a behavioural state from separable features in anxiety." *Nature* **496** (11 April): 219-223.
- Kim, Tae-Hwan, Junil Kim, Pat Heslop-Harrison, & Kwang-Hyun Cho.** 2011. "Evolutionary design principles and functional characteristics based on kingdom-specific network motifs." *Bioinformatics* **27** (15 June): 245-251.
- Kim, Un-kyung, Eric Jorgenson, Hilary Coon, Mark Leppert, Neil Risch, & Dennis Drayna.** 2003. "Positional Cloning of the Human Quantitative Trait Locus Underlying Taste Sensitivity to Phenylthiocarbamide." *Science* **299** (21 February): 1221-1225.
- Kim, Won Kyu, Changbong Kyeon, & Wokyung Sung.** 2012. "Weak temporal signals can synchronize and accelerate the transition dynamics of biopolymers under tension."

- Proceedings of the National Academy of Sciences* **109** (4 September): 14410-14415.
- Kim, Yang-Gyun, Maneesha Muralinath, Teresa Brandt, Matthew Percy, Kevin Hauns, Ky Lowenhaupt, Betram L. Jacobs, & Alexander Rich.** 2003. "A role for Z-DNA binding in vaccinia virus pathogenesis." *Proceedings of the National Academy of Sciences* **100** (10 June): 6974-6979.
- Kim, Yang-Gyun, Li Su, Stefan Maas, Analeah O'Neill, & Alexander Rich.** 1999. "Specific mutations in a viral RNA pseudoknot drastically change ribosomal frameshifting efficiency." *Proceedings of the National Academy of Sciences* **96** (7 December): 14234-14239.
- Kim, Yoon Jung, Katharine R. Cecchini, & Tae Hoon Kim.** 2011. "Conserved developmentally regulated mechanism couples chromosomal looping and heterochromatin barrier-activity at the homeobox gene A locus." *Proceedings of the National Academy of Sciences* **108** (3 May): 7391-7396.
- Kim, Young Bun, Jung Hun Oh, Lauren J. McIver, Eugenia Rashkovetsky, Katarzyna Michalak, Harold R. Garner, Lin Kang, Eviatar Nevo, Abraham B. Korol, & Pawel Michalak.** 2014. "Divergence of *Drosophila melanogaster* repeatomes in response to a sharp microclimate contrast in Evolution Canyon, Israel." *Proceedings of the National Academy of Sciences* **111** (22 July): 10636-10641.
- Kim, Youngchang, Mark A. Cunningham, Joseph Mire, Christine Tesar, James Sacchettini, & Andrzej Joachimiak.** 2013. "NDM-1, the ultimate promiscuous enzyme: substrate recognition and catalytic mechanism." Federation of American Societies for Experimental Biology *The FASEB Journal* **27** (May): 1917-1927.
- Kim, Young-Joon, Katarina Bartalska, Neil Audsley, Naoki Yamanaka, Nilay Yapici, Ju-Youn Lee, Yong-Chul Kim, Milica Markovic, Elwyn Isaac, Yoshiaki Tanaka, & Barry J. Dickson.** 2010. "MIPs are ancestral ligands for the sex peptide receptor." *Proceedings of the National Academy of Sciences* **107** (6 April): 6520-6525.
- Kimball, Charles.** 2002. *When Religion Becomes Evil*. 2003 pb ed. San Francisco: HarperSanFrancisco.
- Kimball, John W.** 2002. "Endosymbiosis and The Origin of Eukaryotes'." *Biology Papers* undated posting (online text at users.rcn.com accessed 9/20/2002).
- . 2012. "Endosymbiosis and The Origin of Eukaryotes'." *Biology Papers* 12 December updated posting (online text at users.rcn.com accessed 1/6/2014).
- Kimball, Miles.** 2013. "The Wall Street Journal's Quality-Control Failure: Bret Stephens's Misleading Use of Nominal Income in His Editorial 'Obama's Envy Problem'." *Confessions of a Supply-Side Liberal* posting 31 December (online text at blog.supplysideliberal.com accessed 1/2/2014).
- Kimball, Rebecca T., Edward L. Braun, J. David Ligon, Vittorio Lucchini, & Ettore Randi.** 2001. "A molecular phylogeny of the peacock-pheasants (Galliformes: *Polyplectron* spp.) indicates loss and reduction of ornamental traits and display behaviours." *Biological Journal of the Linnean Society* **73** (June): 187-198.
- . 2006. "Using molecular phylogenetics to interpret evolutionary changes in morphology and behavior in the Phasianidae." *Current Zoology (AKA Acta Zoologica Sinica)* **52** (Supplement): 362-365.
- Kimball, Rebecca T., Daniel J. Crawford, & Edwin B. Smith.** 2003. "Evolutionary Processes in the Genus *Coreocarpus*: Insights from Molecular Phylogenetics." *Evolution* **57** (January): 52-61.
- Kimball, Rebecca T., Colette M. St. Mary, & Edward L. Braun.** 2011. "A Macroevolutionary Perspective on Multiple Sexual Traits in the Phasianidae (Galliformes)." *International Journal of Evolutionary Biology* (online @ ncbi.nlm.nih.gov) **2011**: 423938.
- Kimbel, William H.** 2009. "The Origin of *Homo*," in Grine *et al.* (2009, 31-37).
- . 2013. "Hesitation on hominin history." *Nature* **497** (30 May): 573-574.
- Kimbel, William H., Donald C. Johanson, & Yoel Rak.** 1994. "The first skull and other new discoveries of *Australopithecus afarensis* at Hadar, Ethiopia." *Nature* **368** (31 March): 449-452.

- Kimbel, William H., & Yoel Rak.** 2010. “The cranial base of *Australopithecus afarensis*: new insights from the female skull.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **365** (27 October): 3365-3376.
- Kimbel, William H., Gen Suwe, Berhane Asfaw, Yoel Rak, & Tim D. White.** 2014. “*Ardipithecus ramidus* and the evolution of the human cranial base.” *Proceedings of the National Academy of Sciences* **111** (21 January): 948-953.
- Kimbel, William H., & Brian Villmoare.** 2016. “From *Australopithecus* to *Homo*: the transition that wasn’t.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **371** (5 July): 20150248.
- Kimble, Gregory A., & Norman Garmezy.** 1968. *Principles of General Psychology*. 3rd ed. New York: The Ronald Press Company.
- Kimbrough, David L., Marty Grove, George E. Gehrels, Rebecca J. Dorsey, Keith A. Howard, Oscar Lovera, Andres Aslan, P. Kyle House, & Philip A. Pearthree.** 2015. “Detrital zircon U-Pb provenance of the Colorado River: A 5 m.y. record of incision into cover strata overlying the Colorado Plateau and adjacent regions.” *Geosphere* **11** (December): 1719-1748.
- Kimchi-Sarfaty, Chava, Jung Mi Oh, In-Wha Kim, Zuben E. Sauna, Anna Maria Calcagno, Suresh V. Ambudkar, & Michael M. Gottesman.** 2007. “A ‘Silent’ Polymorphism in the *MDR1* Gene Changes Substrate Specificity.” *Science* **315** (26 January): 525-528.
- Kimchi-Sarfaty, Chava, Zuben E. Sauna, Suresh V. Ambudkar, & Michael M. Gottesman.** 2007. “Reply to Wolfgang Sadée *et al.*” *Science* 13 November letter posting (online text at sciencemag.org accessed 8/27/2014)
- Kimler, William C.** 2000. “Reading Morgan’s Canon: Reduction and unification in the forging of a science of the mind.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (December): 853-861.
- Kimmel, Charles B., Craig T. Miller, & Roger J. Keynes.** 2001. “Neural crest patterning and the evolution of the jaw.” *Journal of Anatomy* **199** (July): 105-120.
- Kimmel, Sherri.** 2006. “Of Dover and Design.” Dickinson College (Pennsylvania) *Dickinson Magazine* Spring posting (online text at cfserv.dickinson.edu accessed 6/6/2006).
- Kimsey, Isaac J., Katja Petzold, Bharathwaj Sathyamoorthy, Zachary W. Stein, & Hashim M. Al-Hashimi.** 2015. “Visualizing transient Watson—Crick-like mispairs in DNA and RNA duplexes.” *Nature* **519** (19 March): 315-320.
- Kimura, Akatsuki.** 2012. “Physical limits of cell size for embryonic cell division in *Caenorhabditis elegans*,” in *What determines cell size?* Forum. *BMC Biology* (online @ biomedcentral.com) **10** (14 December): 101.
- Kimura, Hiroto, & Yoshio Watanabe.** 2001. “Oceanic anoxia at the Precambrian-Cambrian boundary.” *Geology* **29** (November): 995-998.
- Kimura, Motoo.** 1968. “Evolutionary rate at the molecular level.” *Nature* **217** (17 February): 624-626.
- . 1979. “Model of effectively neutral mutations in which selective constraint is incorporated.” *Proceedings of the National Academy of Sciences* **76** (1 July): 3440-3444.
- . 1991. “Recent development of the neutral theory viewed from the Wrightian tradition of theoretical population genetics.” *Proceedings of the National Academy of Sciences* **88** (15 July): 5969-5973.
- Kimura, Motoo, & James F. Crow.** 1969. “Natural selection and gene substitution.” *Genetics Research* (AKA *Genetical Research*) **13** (April): 127-141.
- . 1978. “Effect of overall phenotype selection on genetic change at individual loci.” *Proceedings of the National Academy of Sciences* **75** (1 December): 6168-6171.
- Kimura, Toshiyuki, & Yoshikazu Hasegawa.** 2010. “A New Baleen Whale (Mysticeti: Cetotheriidae) from the Earliest Late Miocene of Japan and a Reconsideration of the Phylogeny of Cetotheres.” *Journal of Vertebrate Paleontology* **30** (March): 577-591.
- Kimura, Yuri.** 2011. “The earliest record of birch mice from the Early Miocene Nei Mongol, China.” *Naturwissenschaften* **98** (January): 87-95.
- Kincaid, Cliff.** 2004. “Former Atheist Says God Exists.” *Accuracy in Media* 21 December

- posting (online text at www.aim.org accessed 11/26/13).
- Kincaid, Timothy.** 2008. "Father of Ex-Gay Rants NARTHisms in Utah." *Box Turtle Bulletin* 3 April posting (online text at www.boxturtlebulletin.com accessed 9/30/2011).
- . 2009. "Longitudinal Ex-Gay Study Update – Can Sexual Orientation be Changed?" *Box Turtle Bulletin* 12 August posting (online text at www.boxturtlebulletin.com accessed 9/30/2011).
- . 2011. "Mark Yarhouse needs to decide between honesty and anti-gay activism." *Box Turtle Bulletin* 15 July posting (online text at www.boxturtlebulletin.com accessed 9/30/2011).
- . 2012. "Repeal of DADT actually has resulted in restrictions on a chaplain's religious freedom." *Box Turtle Bulletin* 30 July posting (online text at www.boxturtlebulletin.com accessed 8/5/2012).
- Kind, Rainer, & Xiaohui Yuan.** 2010. "Seismic Images of the Biggest Crash on Earth." *Science* **329** (17 September): 1479-1480.
- Kindell, Thomas J.** 1996. "Has the Creator Revealed His Identity?" *Reasons for Faith* posting of *Evolution On Trial* book excerpt (online text at kindell.nwcreation.net accessed 9/6/2013).
- . 2011. "Great Dinosaur Deception – Exposed!" *Northwest Creation Network* posting (online ppt at www.nwcreation.net accessed 9/6/2013).
- . 2012. "Biography." *Reasons for Faith* posting (online text at kindell.nwcreation.net accessed 9/6/2013).
- Kinder, Simon J., Tania E. Tsang, Maki Wakamiya, Hiroshi Sasaki, Richard R. Behringer, Andras Nagy, & Patrick P. L. Tam.** 2001. "The organizer of the mouse gastrula is composed of a dynamic population of progenitor cells for the axial mesoderm." *Development (AKA Journal of Embryology and Experimental Morphology)* **128** (15 September): 3623-3634.
- Kindersley, Henry R.** 1932. "The Bible and Evolution: The Evidence of History and Science." *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **64**: 191-209.
- King, Andrew J.** 2006. "Accommodating Religion and Law in the Twenty-First Century." *University of Maryland Law Journal of Race, Religion, Gender and Class* **6** (1): 7-19.
- King, Andrew M., Sarah A. Reid-Yu, Wenliang Wang, Dustin T. King, Gianfranco De Pascale, Natalie C. Strynadka, Timothy R. Walsh, Brian K. Coombes, & Gerard D. Wright.** 2014. "Aspergillomarasmine A overcomes metallo- β -lactamase antibiotic resistance." *Nature* **510** (26 June): 503-506.
- King, Ashley C., & Tomas Cabeza de Baca.** 2011. "The Stagnancy of Family Studies in Modern Academia: Resistances Toward the Integration of Evolutionary Theory." *Evolution: Education & Outreach* **4** (March): 64-74.
- King, Barbara J.** 1994. *The Information Continuum: Evolution of Social Information Transfer in Monkeys, Apes, and Hominids*. Santa Fe, NM: School of American Research Press.
- . 1999. *The Origins of Language: What Nonhuman Primates Can Tell Us*. Santa Fe, NM: School of American Research Press.
- . 2007. *Evolving God: A Provocative View of the Origins of Religion*. New York: Doubleday.
- . 2013. *How Animals Grieve*. Chicago: University of Chicago Press.
- . 2016a. "There's No Controversy: Let's Stop Failing Our Children On Evolution." NPR *13.7 cosmos & culture* blog 28 July posting (online text at www.npr.org accessed 9/17/2014).
- . 2016b. "When Science Stands Up To Creationism." NPR *13.7 cosmos & culture* blog 11 August posting (online text at www.npr.org accessed 8/17/2016).
- . 2017. "What Are Our Best Clues To The Evolution Of Fire-Making?" NPR *13.7 cosmos & culture* blog 15 June posting (online text at www.npr.org accessed 6/18/2017).
- King, Benjamin L., J. Andrew Gillis, Heather R. Carlisle, & Randall D. Dahn.** 2011. "A Natural Deletion of the *HoxC* Cluster in Elasmobranch Fishes." *Science* **334** (16 December): 1517.

- King, David G.** 2003. "Definitions of 'evolution'." Southern Illinois University Carbondale posting (online text at www.science.siu.edu/zoology/king/304/evodef.htm accessed 11/25/2009).
- King, Dustin T., Liam J. Worrall, Robert Gruninger, & Natalie C. J. Strynadka.** 2012. "New Delhi Metallo- β -Lactamase: Structural Insights into β -Lactam Recognition and Inhibition." *Journal of the American Chemical Society* **134** (18 July): 11362-11365.
- King, Gary, Jennifer Pan, & Margaret E. Roberts.** 2014. "Reverse-engineering censorship in China: Randomized experimentation and participant observation." *Science* **345** (22 August): 1251722 (online at sciencemag.org).
- King, Gary M.** 2015. "Carbon monoxide as a metabolic energy source for extremely halophilic microbes: Implications for microbial activity in Mars regolith." *Proceedings of the National Academy of Sciences* **112** (7 April): 4465-4470.
- King, G. M., B. W. Oelofsen, & B. S. Rubridge.** 1989. "The evolution of the dicynodont feeding system." *Zoological Journal of the Linnean Society* **96** (June): 185-211.
- King, Gillian M., & Bruce S. Rubidge.** 1993. "A taxonomic revision of small dicynodonts with postcanine teeth." *Zoological Journal of the Linnean Society* **107** (February): 131-154.
- King, Heather M., Neil H. Shubin, Michael I. Coates, & Melina E. Hale.** 2011. "Behavioral evidence for the evolution of walking and bounding before terrestriality in sarcopterygian fishes." *Proceedings of the National Academy of Sciences* **108** (27 December): 21146-21151.
- King, Jack Lester, & Thomas H. Jukes.** 1969. "Non-Darwinian Evolution." *Science* **164** (16 May): 788-798.
- King, Jean-Rémi, Tristan Bekinschtein, & Stanislas Dehaene.** 2011. "Comment on 'Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State'." *Science* **334** (2 December): 1203.
- King, Jonathan, Cameron Haase-Pettingell, & David Gossard.** 2002. "Protein Folding and Misfolding." *American Scientist* **90** (September-October): 445-453.
- King, Judy A., & Robert P. Millar.** 1979. "Heterogeneity of Vertebrate Luteinizing Hormone-Releasing Hormone." *Science* **206** (5 October): 67-69.
- . 1980. "Comparative Aspects of Luteinizing Hormone-Releasing Hormone Structure and Function in Vertebrate Phylogeny." *Endocrinology* **106** (March): 707-717.
- King, Karen L.** 2014. "Response to Leo Depuydt, 'The Alleged *Gospel of Jesus's Wife*: Assessment and Evaluation of Authenticity'." *Harvard Theological Review* **107** (April): 190-193.
- King, Laura, Chad M. Burton, Joshua A. Hicks, & Stephen M. Drigotas.** 2007. "Ghosts, UFOs, and Magic: Positive Affect and the Experiential System." *Journal of Personality and Social Psychology* **92** (May): 905-919.
- King, Mary-Claire, & A. C. Wilson.** 1975. "Evolution at Two Levels in Humans and Chimpanzees." *Science* **188** (11 April): 107-116.
- King, Michael, Louise Marston, Sally McManus, Terry Brugha, Howard Meltzer, & Paul Bebbington.** 2013. "Religion, spirituality and mental health: results from a national study of English households." *The British Journal of Psychiatry* **202** (January): 68-73.
- King, Michael, Joanna Semlyen, Sharon S. Tai, Helen Killaspy, David Osborn, Dmitri Popelyuk, & Irwin Nazareth.** 2008. "A systematic review of mental disorder, suicide, and deliberate self harm in lesbian, gay and bisexual people." *BMC Psychiatry* (online @ biomedcentral.com) **8** (18 August): 70.
- King, Neil P., William Sheffler, Michael R. Sawaya, Breanna S. Vollmar, John P. Sumida, Ingemar André, Tamir Gonen, Todd O. Yeates, & David Baker.** 2012. "Computational Design of Self-Assembling Protein Nanomaterials with Atomic Level Accuracy." *Science* **336** (1 June): 1171-1174.
- King, Nicole.** 2004. "The Unicellular Ancestry of Animal Development." *Developmental Cell* **7** (September): 313-325.
- King, Nicole, & Sean B. Carroll.** 2001. "A receptor tyrosine kinase from choanoflagellates: Molecular insights into early animal evolution." *Proceedings of the National Academy of Sciences*

- Sciences* **98** (18 December): 15032-15037.
- King, Nicole, Christopher T. Hittinger, & Sean B. Carroll.** 2003. "Evolution of Key Cell Signaling and Adhesion Families Predates Animal Origins." *Science* **301** (18 July): 361-363.
- King, Nicole, M. Jody Westbrook, Susan L. Young, Alan Kuo, Monika Abedin, Jarrod Chapman, Stephen Fairclough, Uffe Hellstein, Yoh Isogai, Ivica Letunic, Michael Marr, David Pincus, Nicholas Putnam, Antonis Rokas, Kevin J. Wright, Richard Zuzow, William Dirks, Matthew Good, David Goodstein, Derek Lemons, Wanqing Li, Jessica B. Lyons, Andrea Morris, Scott Nichols, Daniel J. Richter, Asaf Salamov, JGI Sequencing, Peer Bork, Wendell A. Lim, Gerard Manning, W. Todd Miller, William McGinnis, Harris Shapiro, Robert Tjian, Igor V. Grigoriev, & Daniel Rokhsar.** 2008. "The genome of the choanoflagellate *Monosiga brevicollis* and the origin of the metazoans." *Nature* **451** (14 February): 783-788.
- King, Philip B.** 1964. "Geology of the Central Great Smoky Mountains Tennessee." U.S. Department of the Interior *Geological Survey Professional Paper 149-C*: 1-148.
- King, Philip B., Jarvis B. Hadley, Robert B. Neuman, & Warren Hamilton.** 1958. "Stratigraphy of Ocoee Series, Great Smoky Mountains, Tennessee and North Carolina." The Geological Society of America *GSA Bulletin* **69** (August): 947-966.
- King, Scott D., Julian P. Lowman, & Carl W. Gable.** 2002. "Episodic tectonic plate reorganizations driven by mantle convection." *Earth and Planetary Science Letters* **203** (15 October): 83-91.
- King, Stephanie L., & Vincent M. Janik.** 2013. "Bottlenose dolphins can use learned vocal labels to address each other." *Proceedings of the National Academy of Sciences* **110** (6 August): 13216-13221.
- King, Tim, & Nigel A. Brown.** 1999. "Antagonists on the left flank." *Nature* **401** (16 September): 222-223.
- Kingkade, Tyler.** 2015. "Ben Carson Wants To Police Speech On College Campuses." *Huffpost Politics* posting 21 October (online text at huffingtonpost.com accessed 10/23/2015).
- Kingman, J. F. C.** 2000. "Origins of the Coalescent: 1974-1982." *Genetics* **156** (December): 1461-1463.
- Kingsley, David M.** 2009. "From Atoms to Traits." *Scientific American* **300** (January): 52-59.
- Kingsley, Paul D., Jeffrey Malik, Katherine A. Fantauzzo, & James Palis.** 2004. "Yolk sac-derived primitive erythroblasts enucleate during mammalian embryogenesis." *Blood* **104** (1 July): 19-25.
- Kingsolver, Joel G., & M. A. R. Koehl.** 1985. "Aerodynamics, Thermoregulation, and the Evolution of Insect Wings: Differential Scaling and Evolutionary Change." *Evolution* **39** (May): 488-504.
- . 1994. "Selective Factors in the Evolution of Insect Wings." *Annual Review of Entomology* **39**: 425-451.
- Kingsolver, Robert.** 2011. "A Boatload of Trouble for Kentucky?" *Kentucky Academy of Science Newsletter* (January): 12 (online pdf at www.kyacademyofscience.org accessed 1/22/2011).
- Kingston, John D.** 2011. "Stable Isotopic Analyses of Laetoli Fossil Herbivores," in Harrison (2011, 293-328).
- Kingston, John D., & Terry Harrison.** 2007. "Isotopic dietary reconstructions of Pliocene herbivores at Laetoli: Implications for early hominin paleoecology." *Palaeogeography, Palaeoclimatology, Palaeoecology* **243** (22 January): 272-306.
- Kininmonth, William.** 2008. "Illusions of Climate Science." *Origins* posting of *Quadrant Magazine* October *Doomed Planet* blog (online pdf at www.alcazar.net accessed 6/15/2011).
- Kinnard, Christophe, Christian M. Zdanowicz, David A. Fisher, Elisabeth Isaksson, Anne de Vernal, & Lonnie G. Thompson.** 2011. "Reconstructed changes in Arctic sea ice over the past 1,450 years." *Nature* **479** (24 November): 509-512.
- Kinnerly, Britt.** 2009. "Paleontologists brought to tears, laughter by Creation Museum." *Phys*

- Org News* posting 30 June (online text at *phys.org* accessed 1/29/2014).
- Kinney, Cyndi.** 2010. "Apologia 'Exploring Creation With General Science' 2nd Edition Laptop Journal." *Knowledge Box Central* workbook (online pdf at *knowledgeboxcentral.com* accessed 3/30/2013).
- Kinney, Terry.** 2000. "New museum near Cincinnati will present creationist view." *The Columbus Dispatch* (Ohio) Associated Press posting 7 May: online text accessed 2/5/2002 (*www.dispatch.com*).
- Kinoshita, N., M. Paul, Y. Kashiv, P. Collon, C. M. Deibel, B. DiGiovine, J. P. Greene, D. J. Henderson, C. L. Jiang, S. T. Marley, T. Nakanishi, R. C. Pardo, K. E. Rehm, D. Robertson, R. Scott, C. Schmitt, X. D. Tang, R. Vondrasek, & A. Yokoyama.** 2012. "A Shorter ^{146}Sm Half-Life Measured and Implications for ^{146}Sm - ^{142}Nd Chronology in the Solar System." *Science* **335** (30 March): 1614-1617.
- Kinoshita, Shinichi, Takashi Terada, Tomoyasu Taniguchi, Yukjio Takene, Satoro Masuda, Nobuyuki Matsunaga, & Hirosuke Okada.** 1981. "Purification and Characterization of 6-Aminohexanoic-Acid-Oligomer Hydrolase of *Flavobacterium* sp. K172." Federation of European Biochemical Societies *FEBS Journal* **116** (June): 547-551.
- Kinosita, Kazuhiko Jr., Ryohei Yasuda, Hiroyuki Noji, Shin'ichi Ishiwata, & Masasake Yoshida.** 1998. "F₁-ATPase: A Rotary Motor Made of a Single Molecule." *Cell* **93** (April): 21-24.
- Kinser, Bill, & Neil Kleinman.** 1969. *The dream that was no more a dream: A Search for Aesthetic Reality in Germany, 1890-1945*. New York: Harper Colophon Books.
- Kinsolving, Les.** 2009a. "Sean Penn morality." *WorldNetDaily* (3 March): online text accessed 4/25/2011 (*wnd.com*).
- . 2009b. "Does my dog have a soul?" *WorldNetDaily* (1 September): online text accessed 4/25/2011 (*wnd.com*).
- Kintisch, Eli.** 2010a. "Embattled U.K. Scientist Defends Track Record of Climate Center." *Science* **327** (19 February): 934.
- . 2010b. "Scientists Grapple With 'Completely Out of Hand' Attacks on Climate Science." *Science* **327** (26 February): 1070.
- . 2010c. "Critics Are Far Less Prominent Than Supporters." *Science* **328** (25 June): 1622.
- . 2010d. "Election Means Change in Climate for Efforts to Curb Emissions." *Science* **330** (12 November): 897-898.
- . 2011. "Computer Scientist Goes on Offensive to Defend Climate Scientists." *Science* **332** (10 June): 1250-1251.
- . 2013. "Hansen's Retirement From NASA Spurs Look at His Legacy." *Science* **340** (3 May): 540-541.
- . 2014a. "Into the Maelstrom." *Science* **344** (18 April): 250-253.
- . 2014b. "Is Atlantic holding Earth's missing heat?" *Science* **345** (22 August): 860-861.
- . 2015. "Earth's lakes are warming faster than its air." *Science* **350** (18 December): 1449.
- . 2016. "The Lost Norse." *Science* **354** (11 November): 696-701.
- Kiontke, Karin, Antoine Barrière, Irina Kolotuev, Benjamin Podbilewicz, Ralf Sommer, David H. A. Fitch, & Marie-Anne Félix.** 2007. "Trends, Stasis, and Drift in the Evolution of Nematode Vulva Development." *Current Biology* **17** (20 November): 1925-1937.
- Kipp, Michael A., Eva E. Stüeken, Andrey Bekker, & Roger Buick.** 2017. "Selenium isotopes record extensive marine suboxia during the Great Oxidation Event." *Proceedings of the National Academy of Sciences* **114** (31 January): 875-880.
- Kippes, Nestor, Juan M. Debernardi, Hans A. Vasquez-Gross, Bala A. Akpinar, Hikmet Budak, Kenji Kato, Shiaoman Chao, Eduard Akhunov, & Jorge Dubcovsky.** 2015. "Identification of the *VERNALIZATION 4* gene reveals the origin of spring growth habit in ancient wheats from South Asia." *Proceedings of the National Academy of Sciences* **112** (29 September): E5401-E5410.
- Kirby, John R., Christopher J. Kristich, Michael M. Saulmon, Michael A. Zimmer, Liam F. Garrity, Igor B. Zhulin, & George W. Ordal.** 2001. "CheC is related to the family of

- flagellar switch proteins and acts independently from CheD to control chemotaxis in *Bacillus subtilis*.” *Molecular Microbiology* **42** (November): 573-585.
- Kirby, Richard R.** 2004. “Genetic Variation in a Cline in a Living Intertidal Snail Arose in the Neogastropoda over 100 Million Years Ago.” *Journal of Molecular Evolution* **58** (January): 97-105.
- Kirby, Simon.** 2001. “Spontaneous Evolution of Linguistic Structure—An Iterated Learning Model of the Emergence of Regularity and Irregularity.” *IEEE Transactions on Evolutionary Computation* **5** (April): 102-110.
- Kirby, Simon, Hannah Cornish, & Kenny Smith.** 2008. “Cumulative cultural evolution in the laboratory: An experimental approach to the origins of structure in human language.” *Proceedings of the National Academy of Sciences* **105** (5 August): 10681-10686.
- Kirby, Stephen H.** 1983. “Rheology of the lithosphere.” *Reviews of Geophysics (AKA Reviews of Geophysics and Space Physics)* **21** (July): 1458-1487.
- Kirby, S. H., & A. K. Kronenberg.** 1987. “Rheology of the Lithosphere: Selected Topics.” *Reviews of Geophysics (AKA Reviews of Geophysics and Space Physics)* **25** (July): 1219-1244.
- Kirby, William.** 1835. *On the Power Wisdom and Goodness of God: As Manifested in the Creation of Animals and in Their History, Habits and Instincts*. 2009 Bridgewater Treatises reprint. Cambridge: Cambridge University Press.
- Kirchhofer, Katharina C., Felizitas Zimmermann, Juliane Kaminski, Michael Tomasello, layton, & Russell D. Gray.** 2012. “Dogs (*Canis familiaris*), but Not Chimpanzees (*Pan troglodytes*), Understand Imperative Pointing.” *PLoS ONE* (online @ plosone.org) **7** (February): e30913.
- Kirchhoff, Frank.** 2010. “Questioning Calcium.” *Science* **327** (5 March): 1212-1213.
- Kirchick, James.** 2012. “Don’t call it hate.” *New York Daily News* posting 21 August: online text accessed 8/22/2012 (www.nydailynews.com).
- Kirchner, James W.** 2002. “Evolutionary speed limits inferred from the fossil record.” *Nature* **415** (3 January): 65-68.
- Kirchner, James W., & Anne Weil.** 2005. “The 62-million-year question.” *Nature* **434** (10 March): 147-148.
- Kirchweger, Gina.** 2001. “Black and White.” *Discover* **22** (February): 32-33.
- Kireeva, Maria L., & Mikhail Kashlev.** 2009. “Mechanism of sequence-specific pausing of bacterial RNA polymerase.” *Proceedings of the National Academy of Sciences* **106** (2 June): 8900-8905.
- Kireeva, Maria L., Natalia Komissarova, David S. Waugh, & Mikhail Kashlev.** 2000. “The 8-Nucleotide-long RNA:DNA Hybrid Is a Primary Stability Determinant of the RNA Polymerase II Elongation Complex.” *The Journal of Biological Chemistry* **275** (3 March): 6530-6536.
- Kirejtshuk, A. G., & A. Nel.** 2012. “The oldest representatives of the family Coccinellidae (Coleoptera: Polyphaga) from the Lowermost Eocene Oise amber (France).” *Zoosystematica Rossica* **21** (25 July): 131-144.
- Kirk, Chris.** 2014. “Map: Publicly Funded Schools That Are Allowed to Teach Creationism.” *Slate.com* posting 26 January (online text at www.slate.com accessed 1/28/2014).
- Kirk, David L.** 2003. “Seeking the Ultimate and Proximate Causes of *Volvox* Multicellularity and Cellular Differentiation.” *Integrative and Comparative Biology (AKA American Zoologist)* **43** (April): 247-253.
- . 2004. “*Volvox*.” *Current Biology* **14** (10 August): R599-R600.
- . 2005. “A twelve-step program for evolving multicellularity and a division of labor.” *BioEssays* **27** (March): 299-310.
- . 2006. “Oogamy: Inventing the Sexes.” *Current Biology* **16** (19 December): R1028-R1030.
- Kirk, E. Christopher.** 2004. “Comparative Morphology of the Eye in Primates.” *The Anatomical Record: Advances in Integrative Anatomy and Evolutionary Biology* **281A** (November): 1095-1103.

- Kirk, E. Christopher, & Elwyn L. Simons.** 2001. "Diets of fossil primates from the Fayum Depression of Egypt: a quantitative analysis of molar shearing." *Journal of Human Evolution* **40** (March): 203-229.
- Kirk, Jason, Joaquin Ruiz, John Chesley, John Walshe, & Gavin England.** 2002. "A Major Archean, Gold- and Crust-Forming Event in the Kaapvall Craton, South Africa." *Science* **297** (13 September): 1856-1858.
- Kirk, Katherine M., Lindon J. Eaves, & Nicholas G. Martin.** 1999. "Self-transcendence as a measure of spirituality in a sample of older Australian twins." *Twin Research* **2** (1 June): 81-87.
- Kirk, Ulrich, Ann Harvey, & P. Read Montague.** 2011. "Domain expertise insulates against judgment bias by monetary favors through a modulation of ventromedial prefrontal cortex." *Proceedings of the National Academy of Sciences* **108** (21 June): 10332-10336.
- Kirkbride, Martin P.** 2010. "A glacial test of timing." *Nature* **467** (9 September): 160-161.
- Kirkland, Brenda L., F. Leo Lynch, Michael A. Rahnis, Robert L. Folk, Ian J. Molineux, & Robert J. C. McLean.** 1999. "Alternative origins for nannobacteria-like objects in alcite." *Geology* **27** (April): 347-350.
- Kirkland, James I., & Kenneth Carpenter.** 1994. "North America's First Pre-Cretaceous Ankylosaur (Dinosauria) from the Upper Jurassic Morrison Formation of Western Colorado." *Brigham Young University Geological Studies* **40**: 25-42.
- Kirkland, Kyle.** 2000. "Paraneuroscience?" *Skeptical Inquirer* **24** (May/June): 40-43.
- Kirkness, Ewen F., Brian J. Haas, Weilin Sun, Henk R. Braig, M. Alejandra Perotti, John M. Clark, Si Hyeock Lee, Hugh M. Robertson, Ryan C. Kennedy, Eran Elhaik, Daniel Gerlach, Evgenia V. Kriventseva, Christine G. Elsik, Dan Graur, Catherine A. Hill, Jan A. Veenstra, Brian Walenz, José Manuel C. Tubío, José M. C. Ribeiro, Julio Rozas, J. Spencer Johnston, Justin T. Reese, Aleksandar Popadic, Marta Tojo, Didier Raoult, David L. Reed, Yoshinori Tomoyasu, Emily Krause, Omprakash Mittapalli, Venu M. Margam, Hong-Mei Li, Jason M. Meyer, Reed M. Johnson, Jeanne Romero-Severson, Janice Pagel VanZee, David Alvarez-Ponce, Filipe G. Vieira, Montserrat Aguadé, Sara Guirao-Rico, Juan M. Anzola, Kyong S. Yoon, Joseph P. Strycharz, Maria F. Unger, Scott Cristley, Neil F. Lobo, Manfredo J. Seufferheld, NaiKuan Wang, Gregory A. Dasch, Claudio J. Struchiner, Greg Madey, Linda I. Hannick, Shelby Bidwell, Vinita Joardar, Elisabet Caler, Renfu Shao, Stephen C. Barker, Stephen Cameron, Robert V. Bruggner, Allison Regier, Justin Johnson, Lakshmi Viswanathan, Terry R. Utterback, Granger G. Sutton, Daniel Lawson, Robert M. Waterhouse, J. Craig Venter, Robert L. Strausberg, May R. Berenbaum, Frank H. Collins, Evgeny M. Zdobnov, & Barry R. Pittendrigh.** 2010. "Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle." *Proceedings of the National Academy of Sciences* **107** (6 July): 12168-12173.
- Kirkpatrick, John B., Emily A. Walsh, & Steven D'Hondt.** 2016. "Fossil DNA persistence and decay in marine sediment over hundred-thousand-year to million-year time scales." *Geology* **44** (August): 615-618.
- Kirkpatrick, Mark, & Nick Barton.** 2006. "Chromosome Inversions, Local Adaptation and Speciation." *Genetics* **173** (May): 419-434.
- Kirkpatrick, Mark, & Scott L. Nuismer.** 2004. "Sexual selection can constrain sympatric speciation." *Proceedings of the Royal Society of London B (Biological Sciences)* **271** (7 April): 687-693.
- Kirkup, Benjamin C., & Margaret A. Riley.** 2004. "Antibiotic-mediated antagonism leads to a bacterial game of rock-paper-scissors *in vivo*." *Nature* **428** (25 March): 412-414.
- Kirouac, Kevin N., & Hong Ling.** 2011. "Unique active site promotes error-free replication opposite an 8-oxo-guanine lesion by human DNA polymerase ϵ ." *Proceedings of the National Academy of Sciences* **108** (22 February): 3210-3215.
- Kirov, Roumen, Carsten Weiss, Hartwig R. Siebner, Jan Born, & Lisa Marshall.** 2009. "Slow oscillation electrical brain stimulation during waking promotes EEG theta activity

- and memory encoding.” *Proceedings of the National Academy of Sciences* **106** (8 September): 15460-15465.
- Kirsch, I. R.** 1997. “Trans-rearrangements and the risk of lymphoid malignancy.” *Annals of Oncology* **8** (Supplement 2): S45-S48.
- Kirsch, Jonathan.** 2006. *A History of the End of the World: How the Most Controversial Book in the Bible Changed the Course of Western Civilization*. San Francisco: HarperSanFrancisco.
- . 2008. *The Grand Inquisitor’s Manual: A History of Terror in the Name of God*. New York: HarperOne (HarperCollins).
- Kirschel, Alexander N. G., Daniel T. Blumenstein, & Thomas B. Smith.** 2009. “Character displacement of song and morphology in African tinkerbirds.” *Proceedings of the National Academy of Sciences* **106** (19 May): 8256-8261.
- Kirschner, Marc.** 2013. “Beyond Darwin: evolvability and the generation of novelty.” *BMC Biology* (online @ biomedcentral.com) **11** (7 November): 110.
- Kirschner, Marc W., & John C. Gerhart.** 1998. “Evolvability.” *Proceedings of the National Academy of Sciences* **95** (21 July): 8420-8427.
- . 2005. *The Plausibility of Life: Resolving Darwin’s Dilemma*. New Haven, CT: Yale University Press.
- Kirschner, Marc, John Gerhart, & Tim Mitchison.** 2000. “Molecular ‘Vitalism’.” *Cell* **100** (7 January): 79-88.
- Kirschner, Marc, & Tim Mitchison.** 1986. “Beyond Self-Assembly: From Microtubules to Morphogenesis.” *Cell* **45** (9 May): 329-342.
- Kirschvink, Joseph L., & Robert E. Kopp.** 2008. “Palaeoproterozoic ice houses and the evolution of oxygen-mediating enzymes: the case for a late origin of photosystem II.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **363** (27 August): 2755-2765.
- Kirschvink, Joseph L., & Timothy D. Raub.** 2003. “A methane fuse for the Cambrian explosion: carbon cycles and true polar wander.” *Comptes Rendus Geoscience* **335** (January): 65-78.
- Kirschvink, Joseph L., Robert L. Ripperdan, & David A. Evans.** 1997. “Evidence for a Large-Scale Reorganization of Early Cambrian Continental Masses by Inertial Interchange True Polar Wander.” *Science* **277** (25 July): 541-545.
- Kirshner, Robert P.** 2003. “Throwing Light on Dark Energy.” *Science* **300** (20 June): 1914-1918.
- Kirst, Michael.** 2009. Expert Witness Report (7 May) re: *Association of Christian Schools International et al. v. Stearns, et al.* (online text via ncse.com/creationism/legal/acsi-v-stearns accessed 10/25/2010).
- Kirwin, Anthony.** 2006. “Toto, I’ve a Feeling We’re ... Still in Kansas? The Constitutionality of Intelligent Design and the 2005 Kansas Science Education Standards.” *Minnesota Journal of Law, Science & Technology* **7** (2): 657-712.
- Kisel, Yael, & Timothy G. Barraclough.** 2010. “Speciation Has a Spatial Scale That Depends on Levels of Gene Flow.” *The American Naturalist* **175** (March): 316-334.
- Kiser, Larry L.** 1988. “Home Education: A Realistic View.” *Fundamentalist Journal* **7** (September): 14-15, 38.
- Kishida, Kenneth T., Ignacio Saez, Terry Lohrenz, Mark R. Witcher, Adrian W. Laxton, Stephen B. Tatter, Jason P. White, Thomas L. Ellis, Paul E. M. Phillips, & P. Read Montague.** 2016. “Subsecond dopamine fluctuations in human striatum encode superposed error signals.” *Proceedings of the National Academy of Sciences* **113** (5 January): 200-205.
- Kishida, Takushi.** 2008. “Pattern of Divergence of Olfactory Receptor Genes during Tetrapod Evolution.” *PLoS ONE* (online @ plosone.org) **3** (June): e2385.
- Kishimoto, Jiro, Robert E. Burgeson, & Bruce A. Morgan.** 2000. “Wnt signaling maintains the hair-inducing activity of the dermal papilla.” *Genes & Development* **14** (15 May): 1181-1185.

- Kissel, Adam.** 2008. “Another Emily Brooker?” *Foundation for Individual Rights in Education* article 11 April (online text at www.thefire.org accessed 9/23/2014).
- Kissel, Marc, & Agustín Fuentes.** 2016. “From Hominid to Human.” *Philosophy, Theology and the Sciences* **3** (2): 217-244.
- Kissel, Richard A., & Thomas M. Lehman.** 2002. “Upper Pennsylvanian Tetrapods from the Ada Formation of Seminole County, Oklahoma.” *Journal of Paleontology* **76** (May): 529-545.
- Kister, Alexander.** 2015. “Amino Acid Distribution Rules Predict Protein Fold: Protein Grammar for Beta-Strand Sandwich-Like Structures.” *Biomolecules* **2015** (5): 41-59.
- Kister, Alexander E., & Vladimir Potapov.** 2013. “Amino acid distribution rules predict protein fold.” *Biochemical Society Transactions* **41** (April): 616-619.
- Kistler, Logan, Álvaro Montenegro, Bruce D. Smith, John A. Gifford, Richard E. Green, Lee A. Newsom, & Beth Shapiro.** 2014. “Transoceanic drift and the domestication of African bottle gourds in the Americas.” *Proceedings of the National Academy of Sciences* **111** (25 February): 2937-2941.
- Kistler, Logan, Lee A. Newsom, Timothy M. Ryan, Andrew C. Clarke, Bruce D. Smith, & George H. Perry.** 2015. “Gourds and squashes (*Cucurbita* spp.) adapted to megafaunal extinction and ecological anachronism through domestication.” *Proceedings of the National Academy of Sciences* **112** (8 December): 15107-15112.
- Kita, N. T., G. R. Huss, S. Tachibana, Y. Amelin, L. E. Nyquist, & I. D. Hutcheon.** 2005. “Constraints on the Origin of Chondrules and CAIs from Short-Lived and Long-Lived Radionuclides: Chondrites and the Protoplanetary Disk.” *Lawrence Livermore National Laborator* 2 November UCRL-BOOK-216767 (online pdf at e-reports-ext.llnl.gov accessed 5/16/2015).
- Kita, Noriko T., & Takayuki Ushikubo.** 2012. “Evolution of protoplanetary disk inferred from ²⁶Al chronology of individual chondrules.” *Meteoritics & Planetary Science* **47** (July): 1108-1119.
- Kitaba, Ikuko, Masayuki Hyodo, Shigehiro Katoh, David L. Dettman, & Hiroshi Sato.** 2013. “Midlatitude cooling caused by geomagnetic field minimum during polarity reversal.” *Proceedings of the National Academy of Sciences* **110** (22 January): 1215-1220.
- Kitadai, Norio.** 2014. “Thermodynamic Prediction of Glycine Polymerization as a Function of Temperature and pH Consistent with Experimentally Obtained Results.” *Journal of Molecular Evolution* **78** (April): 171-187.
- Kitagawa, H., & J. van der Plicht.** 1998. “Atmospheric Radiocarbon Calibration to 45,000 yr B.P.: Late Glacial Fluctuations and Cosmogenic Isotope Production.” *Science* **279** (20 February): 1187-1190.
- Kitagawa, Masanari, Takeshi Ara, Mohammad Arifuzzaman, Tomoko Ioka-Nakamichi, Eiji Inamoto, Hiromi Toyonaga, & Hirotada Mori.** 2005. “Complete set of ORF clones of *Escherichia coli* ASKA library (A Complete Set of *E. Coli* K-12 ORF Archive): Unique Resources for Biological Research.” *DNA Research* **12** (January): 291-299.
- Kitamoto, Toshihiro.** 2002. “Conditional disruption of synaptic transmission induces male-male courtship behavior in *Drosophila*.” *Proceedings of the National Academy of Sciences* **99** (1 October): 13232-13237.
- Kitamura, Takashi, Sachie K. Ogawa, Dheeraj S. Roy, Teruhiro Ohuyama, Mark D. Morrissey, Lillian M. Smith, Roger L. Redondo, & Susumu Tonegawa.** 2017. “Engrams and circuits crucial for systems consolidation of a memory.” *Science* **356** (7 April): 73-78.
- Kitamura, Takashi, Michele Pignatelli, Junghyup Suh, Keigo Kohara, Atsushi Yoshiki, Kuniya Abe, & Susumu Tonegawa.** 2014. “Island Cells Control Temporal Association Memory.” *Science* **343** (21 February): 886-901.
- Kitano, Hiroaki.** 2002. “Systems Biology: A Brief Overview.” *Science* **295** (1 March): 1662-1664.
- Kitano, Jun, Daniel I. Bolnick, David A. Beauchamp, Michael M. Mazur, Seiichi Mori, Takanori Nakano, & Catherine L. Peichel.** 2008. “Reverse Evolution of Armor Plates in

- the Threespine Stickleback.” *Current Biology* **18** (20 May): 769-774.
- Kitayama, Shinobu, Kuniaki Yanagisawa, Ayahito Ito, Ryuhei Ueda, Yukiko Uchida, & Nobuhito Abe.** 2017. “Reduced orbitofrontal cortical volume is associated with interdependent self-construal.” *Proceedings of the National Academy of Sciences* **114** (25 July): 7969-7947.
- Kitazawa, Miho S., & Koichi Fujimoto.** 2015. “A Dynamical Phyllotaxis Model to Determine Floral Organ Number.” *PLoS Computational Biology* (online @ ploscompbiol.org) **11** (May): e1004145.
- Kitazawa, Taro, Masaki Takechi, Tatsuya Hirasawa, Noritaka Adachi, Nicolas Narboux-Nême, Hideaki Kume, Kazuhiro Maeda, Tamami Hirai, Sachiko Miyagawa-Tomita, Yukiko Kurihara, Jiro Hitomi, Giovanni Levu, Shigeru Kuratani, & Hiroki Kurihara.** 2015. “Developmental genetic bases behind the independent origin of the tympanic membrane in mammals and diapsids.” *Nature Communications* (online @ nature.com) **6** (22 April): 6853.
- Kitazoe, Yasuhiro, Hirohisa Kishino, Masami Hasegawa, Atsushi Matsui, Nick Lane, & Masashi Tanaka.** 2011. “Stability of Mitochondrial Membrane Proteins in Terrestrial Vertebrates Predicts Aerobic Capacity and Longevity.” *Genome Biology and Evolution* **3**: 1233-1244.
- Kitazoe, Yasuhiro, Hirohisa Kishino, Peter J. Waddell, Noriaki Nakajima, Takahisa Okabayashi, Teruaki Watabe, & Yoshiyasu Okuhara.** 2007. “Robust Time Estimation Reconciles Views of the Antiquity of Placental Mammals.” *PLoS ONE* (online @ plosone.org) **2** (April): e384.
- Kitchen, Andrew, Laura A. Shackleton, & Edward C. Holmes.** 2011. “Family level phylogenies reveal modes of macroevolution in RNA viruses.” *Proceedings of the National Academy of Sciences* **108** (4 January): 238-243.
- Kitchen, Michael L., & Gary S. McCaleb.** 2017. *Snelling v. United States Department of the Interior et al.*) Plaintiff 9 May suit in the United States District Court of Arizona. *Alliance Defending Freedom* posting (online text at adflegal.org accessed 5/12/2017).
- Kitcher, Philip.** 1982. *Abusing Science: The Case Against Creationism*. 1998 pb ed. Cambridge, MA: MIT Press.
- . 2007. *Living with Darwin: Evolution, Design, and the Future of Faith*. Oxford: Oxford University Press.
- . 2013. “Plato’s Revenge: An Undemocratic Report from an Overheated Planet.” *Logos* **12** (Spring): online text accessed 6/16/2013 (logosjournal.com).
- . 2014. *Life After Faith: The Case for Secular Humanism*. New Haven, CT: Yale University Press.
- Kite, Melissa.** 2004. “Children should learn more about atheism and less about Jesus, says Labour think-tank.” *London Telegraph* posting 15 February: online text accessed 2/18/2004 (news.telegraph.co.uk).
- Kitts, David.** 1974. “Paleontology and Evolutionary Theory.” *Evolution* **28** (September): 458-472.
- Kittywhumpus.** 2009. “I thought it went really well, until he brought up Hitler.” *Kittywhumpus* blog posting 16 November (online text at kittywhumpus.blogspot.com accessed 10/5/2011).
- Kiuchi, Takashi, Hikaru Koga, Munetaka Kawamoto, Keisuke Shoji, Hiroki Sakai, Yuji Arai, Genki Ishihara, Shinpei Kawaoka, Sumio Sugano, Toru Shimada, Yutaka Suzuki, Masataka G. Suzuki, & Susumu Katsuma.** 2014. “A single female-specific piRNA is the primary determiner of sex in the silkworm.” *Nature* **509** (29 May): 633-636.
- Kivell, Tracy L., Job M. Kibii, Steven E. Churchill, Peter Schmid, & Lee R. Berger.** 2011. “*Australopithecus sediba* Hand Demonstrates Mosaic Evolution of Locomotor and Manipulative Abilities.” *Science* **333** (9 September): 1411-1417.
- Kivell, Tracy L., & Daniel Schmitt.** 2009. “Independent evolution of knuckle-walking in African apes shows that humans did not evolve from a knuckle-walking ancestor.” *Proceedings of the National Academy of Sciences* **106** (25 August): 14241-14246.
- Kiyota, Tomomi, Kaitlin L. Ingraham, Michael T. Jacobsen, Huangui Xiong, & Tsuneya**

- Ikezu.** 2011. “FGF2 gene transfer restores hippocampal functions in mouse models of Alzheimer’s disease and has therapeutic implications for neurocognitive disorders.” *Proceedings of the National Academy of Sciences* **108** (6 December): E1339-E1348.
- Kjeldsen, Kristian K., Niels J. Korsgaard, Anders A. Bjørk, Shfaqat A. Khan, Jason E. Box, Svend Funder, Nicolai K. Larsen, Jonathan L. Bamber, William Colgan, Michiel van den Broeke, Marie-Louise Siggaard-Andersen, Christopher Nuth, Anders Schomacker, Camilla S. Andresen, Eske Willerslev, & Kurt H. Kjær.** 2015. “Spatial and temporal distribution of mass loss from the Greenland Ice Sheet since AS 1900.” *Nature* **528** (17 December): 396-400.
- Kjems, Rud,** trans. Claus Larsen. 2005a. “The origins of Germania—Dream and nightmare.” *The Skeptic Report* 1 June posting (online text at www.skepticreport.com accessed 1/17/2014).
- . 2005b. “The Roots of Nazism.” *The Skeptic Report* 1 November posting (online text at www.skepticreport.com accessed 1/17/2014).
- Kjer, Karl M.** 2004. “Aligned 18S and Insect Phylogeny.” *Systematic Biology* **53** (June): 506-514.
- Kjer, Karl M., Chris Simon, Margarita Yavorskaya, & Rolf G. Beutel.** 2016. “Progress, pitfalls and parallel universes: a history of insect phylogenetics.” *Journal of the Royal Society Interface* **13** (August): 20160363.
- Kjer, K. M., J. L. Ware, J. Rust, T. Wappler, R. Lanfear, L. S. Jermin, X. Zhou, H. Aspöck, U. Aspöck, R. G. Beutel, A. Blanke, A. Donath, T. Flouri, P. B. Frandsen, P. Kapli, A. Y. Kawahara, H. Letsch, C. Mayer, D. D. McKenna, K. Meusemann, O. Niehuis, R. S. Peters, B. M. Wiegmann, D. K. Yeates, B. M. von Reumont, A. Stamatakis, & B. Misof.** 2015. “Response to Comment on ‘Phylogenomics resolves the timing and pattern of insect evolution’.” *Science* **349** (31 July): 487.
- Klaassen, Marcel, & Bart A. Nolet.** 2008. “Stoichiometry of endothermy: shifting the quest from nitrogen to carbon.” *Ecology Letters* **11** (August): 785-792.
- Klabunovskii, Evgenii, & Wolfram Thiemann.** 2000. “The Role of Quartz in the Origin of Optical Activity on Earth.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **30** (October): 431-434.
- Klaczynski, Paul A.** 2000. “Motivated Scientific Reasoning Biases, Epistemological Beliefs, and Theory Polarization: A Two-Process Approach to Adolescent Cognition.” *Child Development* **71** (September/October): 1347-1366.
- . 2006. “Learning, Belief Biases, and Metacognition.” *Journal of Cognition and Development* **7** (2): 295-300.
- Klaczynski, Paul A., & David H. Gordon.** 1996. “Everyday Statistical Reasoning during Adolescence and Young Adulthood: Motivational, General Ability, and Developmental Influences.” *Child Development* **67** (December): 2873-2891.
- Klaczynski, Paul A., & Gayathri Narasimham.** 1998. “Development of Scientific Reasoning Biases: Cognitive versus Ego-Protective Explanations.” *Developmental Psychology* **34** (January): 175-187.
- Klaczynski, Paul A., & Billi Robinson.** 2000. “Personal theories, intellectual ability, and epistemological beliefs: adult age differences in everyday reasoning biases.” *Psychology and Aging* **15** (September): 400-416.
- Klahr, David, A. L. Fay, & Kevin Dunbar.** 1993. “Heuristics for scientific experimentation: a developmental study.” *Cognitive Psychology* **25** (January): 111-146.
- Klak, C., G. Reeves, & T. Hedderson.** 2004. “Unmatched tempo of evolution in Southern African semi-desert ice plants.” *Nature* **427** (1 January): 63-65.
- Klare, Hendrik F. T., & Martin Oestreich.** 2016. “Teaching nature the unnatural.” *Science* **354** (25 November): 970.
- Klarreich, Erica.** 2004. “Biography of Richard G. Klein.” *Proceedings of the National Academy of Sciences* **101** (20 April): 5705-5707.
- Klass, Klaus-Dieter.** 2001. “The female abdomen of the viviparous earwig *Hemimerus vosseleri* (Insecta: Dermaptera: Hemimeridae), with a discussion of the postgenital abdomen of

- Insecta.” *Zoological Journal of the Linnean Society* **131** (March): 251-307.
- Klass, Philip J.** 1974. *UFOs Explained*. 1976 pb ed. New York: Vintage Books.
- Klaus, Sebastian, Darren C. J. Yeo, & Shane T. Ah Yong.** 2011. “Freshwater crab origins—Laying Gondwana to rest.” *Zoologischer Anzeiger--A Journal of Comparative Zoology* **250** (October): 449-456.
- Klausberger, Thomas, Peter J. Magill, László F. Márton, J. David B. Roberts, Philip M. Cobden, György Buzsáki, & Peter Somogyi.** 2003. “Brain-state- and cell-type-specific firing of hippocampal interneurons *in vivo*.” *Nature* **421** (20 February): 844-848.
- Klayman, Larry.** 2001. “Email from Larry Klayman.” *Warriors for Truth* posting (online text at www.warriorsfortruth.com accessed 11/8/2001, not available as of 10/26/2014).
- Klebesadel, Ray W., Ian B. Strong, & Roy A. Olson.** 1973. “Observations of Gamma-Ray Bursts of Cosmic Origin.” *The Astrophysical Journal* **182** (1 June): L85-L88.
- Kleckner, Nancy, Denise Zickler, & Guillaume Witz.** 2013. “Chromosome Capture Brings It All Together.” *Science* **342** (22 November): 940-941.
- Klee, Robert.** 2002. “The Revenge of Pythagoras: How a Mathematical Sharp Practice Undermines the Contemporary Design Argument in Astrophysical Cosmology.” *The British Journal for the Philosophy of Science* **53** (September): 331-354.
- Kleim, Jeffrey A., John H. Freeman Jr., Rochelle Bruneau, Brian C. Nolan, Natalie R. Cooper, Alison Zook, & Drew Walters.** 2002. “Synapse formation is associated with memory storage in the cerebellum.” *Proceedings of the National Academy of Sciences* **99** (1 October): 13228-13231.
- Klein, Barrett A., Arno Klein, Margaret K. Wray, Ulrich G. Mueller, & Thomas D. Seeley.** 2010. “Sleep deprivation impairs precision of waggle dance signaling in honey bees.” *Proceedings of the National Academy of Sciences* **107** (28 December): 22705-22709.
- Klein, Colin, & Andrew B. Barron.** 2016. “Reply to Adamo, Key et al., and Schilling and Cruse: Crawling around the hard problem of consciousness.” *Proceedings of the National Academy of Sciences* **113** (5 July): E3814-E3815.
- Klein, Hendrik, & Spencer G. Lucas.** 2010. “Tetrapod footprints – their use in biostratigraphy and biochronology of the Triassic.” *Geological Society, London, Special Publications* **334**: 419-446.
- Klein, Jan, & Nikolas Nikolaidis.** 2005. “The descent of the antibody-based immunity system by gradual evolution.” *Proceedings of the National Academy of Sciences* **102** (4 January): 169-174.
- Klein, Maury.** 1986. *The Life and Legend of Jay Gould*. Baltimore, MD: Johns Hopkins University Press.
- Klein, Nicole, & Paul C. H. Albers.** 2009. “A new species of the sauropsid reptile *Nothosaurus* from the Lower Muschelkalk of the western Germanic Basin, Winterswijk, The Netherlands.” *Acta Palaeontologica Polonica* **54** (4): 589-598.
- Klein, Richard G.** 2003. “Whither the Neanderthals?” *Science* **299** (7 March): 1525-1527.
- . 2009. “Darwin and the recent African origin of modern humans.” *Proceedings of the National Academy of Sciences* **106** (22 September): 16007-16009.
- . 2013. “Stable carbon isotopes and human evolution.” *Proceedings of the National Academy of Sciences* **110** (25 June): 10470-10472.
- . 2016. “Issues in human evolution.” *Proceedings of the National Academy of Sciences* **113** (7 June): 6345-6347.
- Klein, Richard G., Graham Avery, Kathryn Cruz-Urbe, David Halkett, John E. Parkington, Teresa Steele, Thomas P. Volman, & Royden Yates.** 2004. “The Ysterfontein I Middle Stone Age site, South Africa, and early human exploitation of coastal resources.” *Proceedings of the National Academy of Sciences* **101** (20 April): 5708-5715.
- Kleine, Thorsten.** 2011. “Earth’s patchy late veneer.” *Nature* **477** (8 September): 168-169.
- Kleine, T., K. Mezger, C. Münker, H. Palme, & A. Bischoff.** 2004. “¹⁸²Hf-¹⁸²W isotope systematics of chondrites, eucrites, and martian meteorites: Chronology of core formation and early mantle differentiation in Vesta and Mars.” *Geochimica et Cosmochimica Acta* **68** (1 July): 2935-2946.

- Kleine, T., K. Mezger, H. Palme, E. Scherer, & C. Münker.** 2005a. “The W isotope composition of eucrite metals: constraints on the timing and cause of the thermal metamorphism of basaltic eucrites.” *Earth and Planetary Science Letters* **231** (28 February): 41-52.
- . 2005b. “Early core formation in asteroids and late accretion of chondrite parent bodies: Evidence from ^{182}Hf - ^{182}W in CAIs, metal-rich chondrites, and iron meteorites.” *Geochimica et Cosmochimica Acta* **69** (15 December): 5805-5818.
- Kleine, T., C. Münker, K. Mezger, & H. Palme.** 2002. “Rapid accretion and early core formation on asteroids and the terrestrial planets from Hf-W chronometry.” *Nature* **418** (29 August): 952-955.
- Kleine, Thorsten, Herbert Palme, Klaus Mezger, & Alex N. Halliday.** 2005. “Hf-Chronometry of Lunar Metals and the Age and Early Differentiation of the Moon.” *Science* **310** (9 December): 1671-1674.
- Kleine, Thorsten, Mathieu Touboul, Bernard Bourdon, Francis Nimmo, Klaus Mezger, Herbert Palme, Stein B. Jacobsen, Qing-Zhu Yin, & Alexander N. Halliday.** 2009. “Hf-W chronology of the accretion and early evolution of asteroids and terrestrial planets.” *Geochimica et Cosmochimica Acta* **73** (1 September): 5150-5188.
- Kleinman, Alexis.** 2014. “Isaac Asimov’s Predictions For 2014 From 50 Years Ago Are Eerily Accurate.” *Huffpost Tech* posting 2 January (online text at huffingtonpost.com accessed 1/2/2014).
- Kleinman, Claudia L., & Jacek Majewski.** 2012. “Comment on ‘Widespread RNA and DNA Sequence Differences in the Human Transcriptome’.” *Science* **335** (16 March): 1302.
- Kleisner, Karel, Richard Ivell, & Jaroslav Flegr.** 2010. “The evolutionary history of testicular externalization and the origin of the scrotum.” *Indian Academy of Sciences Journal of Biosciences* **35** (March): 27-37.
- Klembara, Jozef.** 2009. “New cranial and dental features of *Discosauriscus austriacus* (Seymouriamorpha, Discosauriscidae) and the ontogenetic conditions of *Discosauriscus*.” The Palaeontological Association (UK) *Special Papers in Palaeontology* **81**: 61–69.
- . 2011. “The cranial anatomy, ontogeny, and relationships of *Karpinskiosaurus secundus* (Amalitzky) (Seymouriamorpha, Karpinskiosauridae) from the Upper Permian of European Russia.” *Zoological Journal of the Linnean Society* **161** (January): 184-212.
- Klembara, Jozef, Jennifer A. Clack, Andrew R. Milner, & Marcello Ruta.** 2014. “Cranial Anatomy, Ontogeny, and Relationships of the Late Carboniferous Tetrapod *Gephyrostegus bohemicus* Jaekel, 1902.” *Journal of Vertebrate Paleontology* **34** (July): 774-792.
- Klemun, Marianne.** 2009. “Franz Unger and Sebastian Brunner on evolution and the visualization of Earth history; a debate between liberal and conservative Catholics.” *Geological Society, London, Special Publications* **310**: 259-267.
- Klenck, Joel David.** 2009. “Major terrestrial animal taxonomic classifications as defined by God.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **23** (2): 118-123.
- Klenov, Mikhail S., Olesya A. Sokolova, Evgeny Y. Yakushev, Anastasia D. Stolyarenko, Elena A. Mikhaleva, Sergey A. Lavrov, & Vladimir A. Gvozdev.** 2011. “Separation of stem cell maintenance and transposon silencing functions of Piwi protein.” *Proceedings of the National Academy of Sciences* **108** (15 November): 18760-18765.
- Klepper, David, & Laura Bauer.** 2005. “KU pulls intelligent design course.” *Kansas City Star* posting 2 December: online text accessed 12/12/2005 (www.kansascity.com).
- Klesius, Michael.** 2002. “The Big Bloom: How Flowering Plants Changed the World.” *National Geographic* **202** (July): 102-121.
- Klick, Jeff.** 2012. “Positional Paper: A View on Mormonism and Jehovah’s Witnesses.” *Hope Family Fellowship* undated posting (online text at www.hopefamilyfellowship.org accessed 12/2/2012).
- Kliebenstein, Daniel J., Virginia M. Lambrix, Michael Reichelt, Jonathan Gershenzon, & Thomas Mitchell-Olds.** 2001. “Gene Duplication in the Diversification of Secondary Metabolism: Tandem 2-Oxoglutarate-Dependent Dioxygenases Control Glucosinolate

- Biosynthesis in Arabidopsis.” *The Plant Cell* **13** (March): 681-693.
- Klimas, Liz.** 2014. “Contempt Charges Filed Against Dad Who Defied Gag Order to Tell Daughter’s Heartbreaking Story.” *The Blaze* 19 February posting (online text at www.theblaze.com accessed 5/22/2014).
- Klimkeit, Ester I., & John L. Bradshaw.** 2006. “Heritable mental disorders: You can’t choose your relatives, but it is they who may really count.” *Behavioral and Brain Sciences* **29** (August): 414-415.
- Kline, Otis.** 2013. “News.” Foundation Advancing Creation Truth (Glendive Dinosaur & Fossil Museum) *FACT* posting (online text at www.creationtruth.org accessed 2/21/2013).
- Klingaman, William K.** 1990. *The First Century: Emperors, Gods and Everyman*. 1991 pb ed. New York: Harper Perennial (HarperCollins).
- Klinge, Elaine M., Yolande R. Sylvestre, Irwin M. Freedberg, & Miroslav Blumenberg.** 1987. “Evolution of Keratin Genes: Different Protein Domains Evolve by Different Pathways.” *Journal of Molecular Evolution* **24** (April): 319-329.
- Klinger, Herbert Christian, William James Kennedy, & Keith P. Minor.** 2010. “*Tarrantites*, a new heteromorphy ammonite genus from the Albian of Texas and Pakistan.” *African Natural History* **6**: 91-99.
- Klinghoffer, David.** 2007. “Be Faithful and Multiply.” *Discovery Institute* posting of The Jewish Daily *Forward* 25 May article (online text at discovery.org accessed 8/14/2015).
- . 2008a. “Don’t Doubt It.” *National Review* (18 April): online text accessed 6/11/2011 (www.nationalreview.com).
- . 2008b. “Vladimir Nabokov, ‘Furious’ Darwin Doubter” *Discovery Institute Evolution News & Views* for 17 July (online text at evolutionnews.org accessed 7/11/2010).
- . 2008c. “Vladimir Nabokov, ‘Furious’ Darwin Doubter” *Discovery Institute Evolution News & Views* for 17 July (online text at evolutionnews.org accessed 7/11/2010).
- . 2009a. “Darwinism & Communism, Part I.” *Discovery Institute Evolution News & Views* for 16 January (online text at evolutionnews.org accessed 12/29/2010).
- . 2009b. “Darwinism & Communism, Part II.” *Discovery Institute Evolution News & Views* for 20 January (online text at evolutionnews.org accessed 12/29/2010).
- . 2009c. “Darwinism & Communism, Part III.” *Discovery Institute Evolution News & Views* for 21 January (online text at evolutionnews.org accessed 12/29/2010).
- . 2009d. “What Is Hypocrisy, After All?” *Discovery Institute Evolution News & Views* for 19 February (online text at evolutionnews.org accessed 11/19/2013).
- . 2009e. “David Medved, RIP.” *Discovery Institute Evolution News & Views* for 31 March (online text at evolutionnews.org accessed 1/4/2013).
- . 2009f. “My Son the Expert! Part I: An Introduction to the Debate Over Evolution in Texas.” *Discovery Institute Evolution News & Views* for 31 March (online text at evolutionnews.org accessed 1/4/2013).
- . 2009g. “My Son the Expert! Part II: More on the Texas Evolution Debate.” *Discovery Institute Evolution News & Views* for 1 April (online text at evolutionnews.org accessed 1/4/2013).
- . 2009h. “My Son the Expert! Part III: A Challenge to Texas Darwinists.” *Discovery Institute Evolution News & Views* for 2 April (online text at evolutionnews.org accessed 1/4/2013).
- . 2009i. “Who Is James Le Fanu? Part I: Darwin Doubter Signals Paradigm Shift in Evolution Debate.” *Discovery Institute Evolution News & Views* for 15 April (online text at evolutionnews.org accessed 7/5/2010).
- . 2009j. “Who Is James Le Fanu? Part II: The Book to Buy for Your Darwin-Devoted Friends.” *Discovery Institute Evolution News & Views* for 20 April (online text at evolutionnews.org accessed 7/5/2010).
- . 2009k. “Slouching Toward Columbine: Darwin’s Tree of Death.” *Kingdom of Priests* posting 20 April (online text at blog.beliefnet.com accessed 12/29/2010).
- . 2009l. “Who Is James Le Fanu? Part III: An Intruder in the Church of Darwin.” *Discovery Institute Evolution News & Views* for 21 April (online text at evolutionnews.org

- accessed 7/5/2010).
- . 2009m. “Who Is James Le Fanu? Part IV: Taking Away the ‘Comfort Blanket’ of Darwinism.” Discovery Institute *Evolution News & Views* for 23 April (online text at *evolutionnews.org* accessed 7/5/2010).
 - . 2009n. “Who Is James Le Fanu? Part V: Darwin’s Three Monkeys.” Discovery Institute *Evolution News & Views* for 24 April (online text at *evolutionnews.org* accessed 7/5/2010).
 - . 2009o. “James von Brunn, Evolutionist.” *Kingdom of Priests* posting 10 June (online text at *blog.beliefnet.com* accessed 12/29/2010).
 - . 2009p. “Whitewashing Darwinism’s Ongoing Moral Legacy.” Discovery Institute *Evolution News & Views* for 12 June (online text at *evolutionnews.org* accessed 7/17/2013).
 - . 2009q. “How Evolution’s Co-Discoverer Discovered Intelligent Design, Part I.” Discovery Institute *Evolution News & Views* for 25 June (online text at *evolutionnews.org* accessed 7/11/2010).
 - . 2009r. “How Evolution’s Co-Discoverer Discovered Intelligent Design, Part II.” Discovery Institute *Evolution News & Views* for 26 June (online text at *evolutionnews.org* accessed 7/11/2010).
 - . 2009s. “When Cultures Collide in ‘The Pit of Hell’.” *Kingdom of Priests* posting June (online text at *blog.beliefnet.com* accessed 9/17/2013).
 - . 2009t. “Why Darwinists Have a Hard Time Being Civil.” *Kingdom of Priests* posting July (online text at *blog.beliefnet.com* accessed 9/17/2013).
 - . 2009u. “Charles Manson, Evolutionist.” *Kingdom of Priests* posting 9 August (online text at *blog.beliefnet.com* accessed 12/29/2010).
 - . 2009v. “Darwinist Faithful Indirectly Affirm Darwin-Hitler Link.” *Kingdom of Priests* posting 17 August (online text at *blog.beliefnet.com* accessed 9/5/2011).
 - . 2009w. “At Bloggingheads, Feeling the Ritual Contamination of ‘Creationism’.” Discovery Institute *Evolution News & Views* for 2 September (online text at *evolutionnews.org* accessed 8/16/2012).
 - . 2009x. “Angels on Earth.” *Kingdom of Priests* posting 15 October (online text at *blog.beliefnet.com* accessed 5/31/2011).
 - . 2009y. “What Chanukah Approaching, My Knee Hurts.” *Kingdom of Priests* posting 9 December (online text at *blog.beliefnet.com* accessed 8/25/2011).
 - . 2009z. “Darwin and Mao.” *Kingdom of Priests* posting 10 December (online text at *blog.beliefnet.com* accessed 12/29/2010).
 - . 2009aa. “Why Are Darwinists Scared to Read *Signature in the Cell*?” Discovery Institute *Evolution News & Views* for 16 December (online text at *evolutionnews.org* accessed 1/13/2010).
 - . 2009ab. “Dr. Josef Mengele, Angel of Death and ‘Devotee of Darwin’.” *Kingdom of Priests* posting 24 December (online text at *blog.beliefnet.com* accessed 12/29/2010).
 - . 2010a. “Darwin at the Mountain of Madness: Evolution & the Occult.” *Kingdom of Priests* posting 4 March (online text at *beliefnet.com* accessed 12/29/2010).
 - . 2010b. “The Dark Side of Darwinism.” *Huffington Post* posting 2 July (online text at *huffingtonpost.com* accessed 7/18/2010).
 - . 2010c. “Dear Lauri Lebo, Please Help Me Understand Your Conspiracy Theory.” Discovery Institute *Evolution News & Views* for 7 August (online text at *evolutionnews.org* accessed 8/20/2010).
 - . 2010d. “The Phantom Menace of Creationism.” Discovery Institute *Evolution News & Views* for 13 August (online text at *evolutionnews.org* accessed 9/17/2013).
 - . 2010d. “James J. Lee, Hostage-taker and Darwinist.” Discovery Institute *Evolution News & Views* for 1 September (online text at *evolutionnews.org* accessed 12/29/2010).
 - . 2010e. “Darwinian Morality: How the Truth Refreshes.” Discovery Institute *Evolution News & Views* for 8 September (online text at *evolutionnews.org* accessed 2/25/2012).
 - . 2010f. “What Is It About Butterflies that Drives Men to Doubt Darwin.” Discovery Institute *Evolution News & Views* for 1 November (online text at *evolutionnews.org* accessed 4/5/2013).
 - . 2010g. “Celebrating Ten Years of *Icons of Evolution*.” Discovery Institute *Evolution*

- News & Views* for 30 November (online text at *evolutionnews.org* accessed 12/28/2010).
- . 2010h. “Praised be Darwin! Do Fruit Flies Bust Behe?” Discovery Institute *Evolution News & Views* for 23 December (online text at *evolutionnews.org* accessed 12/24/2010).
- . 2011a. “No Peer-Reviewed Support for ID? Darwinists Talk to the Hand.” Discovery Institute *Evolution News & Views* for 5 January (online text at *evolutionnews.org* accessed 3/22/2011).
- . 2011b. “New Biography Reveals Evolution’s Co-Discover as Early Intelligent Design Advocate.” Discovery Institute *Evolution News & Views* for 21 January (online text at *evolutionnews.org* accessed 2/17/2011).
- . 2011c. “Richard Dawkins, Worthless Bully.” Discovery Institute *Evolution News & Views* for 26 January (online text at *evolutionnews.org* accessed 8/16/2012).
- . 2011d. “NO PEER-REVIEWED I.D. RESEARCH. Just ask Lauri Lebo!” Discovery Institute *Evolution News & Views* for 16 March (online text at *evolutionnews.org* accessed 3/22/2011).
- . 2011e. “The Osama/‘Junk DNA’ Connection.” Discovery Institute *Evolution News & Views* for 2 May (online text at *evolutionnews.org* accessed 5/5/2011).
- . 2011f. “Junk DNA and the Darwinist Response so Far.” Discovery Institute *Evolution News & Views* for 16 May (online text at *evolutionnews.org* accessed 3/16/2012).
- . 2011g. “At *Forbes*, John Farrell Joins in ‘Ayala’ing’ of Jonathan Wells.” Discovery Institute *Evolution News & Views* for 24 June (online text at *evolutionnews.org* accessed 10/18/2013).
- . 2011h. “Darwinism and the Impoverishment of Beauty.” Discovery Institute *Evolution News & Views* for 14 June (online text at *evolutionnews.org* accessed 2/23/2012).
- . 2011i. “Rate My Professors: P.Z. Myers.” Discovery Institute *Evolution News & Views* for 22 June (online text at *evolutionnews.org* accessed 7/30/2011).
- . 2011j. “What Drives Darwinian Scientists to their Fury.” Discovery Institute *Evolution News & Views* posting for 13 August (online text at *evolutionnews.org* accessed 12/6/2011).
- . 2011k. “‘Under the Banyan Tree Nothing Grows’.” Discovery Institute *Evolution News & Views* posting for 16 August (online text at *evolutionnews.org* accessed 1/13/2012).
- . 2011l. “Darwinists on RNA World: ‘No Comment’.” Discovery Institute *Evolution News & Views* posting for 19 August (online text at *evolutionnews.org* accessed 8/20/2011).
- . 2011m. “The Spine’s Design.” Discovery Institute *Evolution News & Views* posting for 23 August (online text at *evolutionnews.org* accessed 8/24/2011).
- . 2011n. “Darwinism and 9/11 Conspiracy Theories: The Parallels.” Discovery Institute *Evolution News & Views* posting for 8 September (online text at *evolutionnews.org* accessed 1/13/2012).
- . 2011o. “Strange Bedfellows at the National Center for Science Education.” Discovery Institute *Evolution News & Views* for 11 September (online text at *evolutionnews.org* accessed 10/9/2013).
- . 2011p. “Am Ancient Greek Witness to Secularism as a Moral Corrosive.” Discovery Institute *Evolution News & Views* for 17 October (online text at *evolutionnews.org* accessed 2/23/2012).
- . 2011q. “Clueless at the Clergy Letter Project.” Discovery Institute *Evolution News & Views* posting for 4 November (online text at *evolutionnews.org* accessed 11/19/2011).
- . 2011r. “A Darwinist Worries about Darwinian Rhetoric.” Discovery Institute *Evolution News & Views* posting for 28 November (online text at *evolutionnews.org* accessed 12/6/2011).
- . 2011s. “Putting a *Contemporary* Face on Darwin-Inspired Eugenics.” Discovery Institute *Evolution News & Views* for 11 December (online text at *evolutionnews.org* accessed 2/23/2012).
- , ed. 2011t. *Metamorphosis: The Case for Intelligent Design In a Nutshell Chrysalis*. Seattle, WA: Discovery Institute Press.
- . 2012a. “Republicans and Science.” *The American Spectator* 2 February posting (online text accessed at *spectator.org* 2/4/2012).
- . 2012b. “God’s Modesty.” *Jewish Action* 14 February posting (online text accessed at

- www.ou.org/jewish_action/2/26/2014).
- . 2012c. “What They Say When They Think We’re Not Listening.” Discovery Institute *Evolution News & Views* posting for 16 February (online text at evolutionnews.org accessed 2/19/2012).
 - . 2012d. “Peter Gleick of the National Center for Science Education: Oh, the Company They Keep.” Discovery Institute *Evolution News & Views* posting for 22 February (online text at evolutionnews.org accessed 2/23/2012).
 - . 2012e. “More on Peter Gleick Relationship to the National Center for Science Education.” Discovery Institute *Evolution News & Views* posting for 22 February (online text at evolutionnews.org accessed 2/23/2012).
 - . 2012f. “Nature’s Primal Patterns: Michael Denton’s ‘pre-Darwinian’ View.” Discovery Institute *Evolution News & Views* for 23 February (online text at evolutionnews.org accessed 3/22/2013).
 - . 2012g. “The Problem with Arguments from ‘Unintelligent Design’.” Discovery Institute *Evolution News & Views* for 28 February (online text at evolutionnews.org accessed 3/2/2012).
 - . 2012h. “The ‘Most Productive and Influential Microbiologist in France’ Is a Furious Darwin Doubter.” Discovery Institute *Evolution News & Views* for 5 March (online text at evolutionnews.org accessed 3/8/2012).
 - . 2012i. “Why the Coppedge Trial Matters.” Discovery Institute *Evolution News & Views* for 6 March (online text at evolutionnews.org accessed 3/8/2012).
 - . 2012j. “‘Reporting’ on the David Coppedge Trial, *Time* Magazine Joins the JPL Legal Team.” Discovery Institute *Evolution News & Views* for 19 March (online text at evolutionnews.org accessed 3/5/2013).
 - . 2015k. “With Concerns about Darwinist Racism in Mind, *National Review* Cleans House.” Discovery Institute *Evolution News & Views* 18 April posting (online text at evolutionnews.org accessed 7/3/2015).
 - . 2012l. “Too Bad David Coppedge Isn’t a Peppered Moth.” Discovery Institute *Evolution News & Views* for 4 May (online text at evolutionnews.org accessed 5/8/2012).
 - . 2012m. “Building Smarter Mice? Not sure.” Discovery Institute *Evolution News & Views* for 7 May (online text at evolutionnews.org accessed 5/2/2014).
 - . 2012n. “Intimidating Darwin Doubters? Emory University Shows the Way.” Discovery Institute *Evolution News & Views* for 8 May (online text at evolutionnews.org accessed 5/20/2012).
 - . 2012o. “Thank You for Supporting Ben Carson and Academic Freedom!” Discovery Institute *Evolution News & Views* for 14 May (online text at evolutionnews.org accessed 5/20/2012).
 - . 2012p. “‘Background Checks’ for Criminal History, Bad Credit Record, Drug Abuse ... and Doubts about Darwin.” Discovery Institute *Evolution News & Views* for 14 May (online text at evolutionnews.org accessed 5/20/2012).
 - . 2012q. “What Is It about Professors and Reading Comprehension.” Discovery Institute *Evolution News & Views* for 17 May (online text at evolutionnews.org accessed 8/16/2012).
 - . 2012r. “Darwin’s Cowards.” Discovery Institute *Evolution News & Views* for 20 May (online text at evolutionnews.org accessed 5/20/2012).
 - . 2012s. “James Barham’s ‘Seeing Past Darwin’ Series.” Discovery Institute *Evolution News & Views* for 7 June (online text at evolutionnews.org accessed 12/16/2012).
 - . 2012t. “A Veil Is Drawn Over Our Origin as Human Beings.” Discovery Institute *Evolution News & Views* for 6 July (online text at evolutionnews.org accessed 8/16/2012).
 - . 2012u. “Paul McBride, Darwinist Hero of the Hour.” Discovery Institute *Evolution News & Views* for 8 July (online text at evolutionnews.org accessed 7/11/2012).
 - . 2012v. “How to Read a Book (Now with NO MORE Tears Formula!).” Discovery Institute *Evolution News & Views* for 20 July (online text at evolutionnews.org accessed 8/16/2012).
 - . 2012w. “Dear Professor Barash, No One—No One!—Denies the Interconnectedness of All Life.” Discovery Institute *Evolution News & Views* for 4 September (online text at

- evolutionnews.org* accessed 5/25/2013).
- . 2012x. “Bill Nye the Red Herring Guy.” Discovery Institute *Evolution News & Views* for 11 September (online text at *evolutionnews.org* accessed 5/28/2014).
- . 2012y. “Darwin the Dog Offers 7 Ethical Principles for Kids, Courtesy of American Humanist Association.” Discovery Institute *Evolution News & Views* for 14 November (online text at *evolutionnews.org* accessed 12/13/2012).
- . 2012z. “Tucker the Singing Dog: Coming Soon to *Current Biology*?” Discovery Institute *Evolution News & Views* for 19 November (online text at *evolutionnews.org* accessed 4/11/2013).
- . 2012aa. “In *The New Republic*, Plantinga on Nagel (and Stephen Meyer).” Discovery Institute *Evolution News & Views* for 20 November (online text at *evolutionnews.org* accessed 12/13/2012).
- . 2012ab. “In Indiana, Academic Freedom on the Horizon.” Discovery Institute *Evolution News & Views* for 29 November (online text at *evolutionnews.org* accessed 12/5/2012).
- . 2012ac. “Why Richard Dawkins Is Angry.” Discovery Institute *Evolution News & Views* for 10 December (online text at *evolutionnews.org* accessed 12/12/2012).
- . 2012ad. “Paul Nelson on ‘Darwin and Design’.” Discovery Institute *Evolution News & Views* for 11 December (online text at *evolutionnews.org* accessed 1/23/2013).
- . 2012ae. “At Why Evolution Is True, the Chewbacca Defense.” Discovery Institute *Evolution News & Views* for 13 December (online text at *evolutionnews.org* accessed 2/7/2015).
- . 2012af. “The Awkward Secret that Plagues Population Genetics and Darwinian Evolutionary Theory.” Discovery Institute *Evolution News & Views* for 14 December (online text at *evolutionnews.org* accessed 12/19/2012).
- . 2012ag. “Scandal! Gauger Filmed in Front of Green Screen.” Discovery Institute *Evolution News & Views* for 19 December (online text at *evolutionnews.org* accessed 12/22/2012).
- . 2013a. “More Fakery, and Donald Prothero.” Discovery Institute *Evolution News & Views* for 17 January (online text at *evolutionnews.org* accessed 1/22/2013).
- . 2013b. “On MLK Day, Remember that Intelligent Design Is a *Civil Rights* Issue.” Discovery Institute *Evolution News & Views* for 21 January (online text at *evolutionnews.org* accessed 1/25/2013).
- . 2013c. “In Colorado, Darwin Activists Fight Academic Freedom with Gross Misinformation.” Discovery Institute *Evolution News & Views* for 24 January (online text at *evolutionnews.org* accessed 1/31/2013).
- . 2013d. “Beware Evolutionary Storytelling: The Case of Barefoot Running.” Discovery Institute *Evolution News & Views* for 29 January (online text at *evolutionnews.org* accessed 2/6/2013).
- . 2013e. “More Evolutionary Storytelling: The Enigma of Grandmothers.” Discovery Institute *Evolution News & Views* for 30 January (online text at *evolutionnews.org* accessed 2/6/2013).
- . 2013f. “New York Times on Thomas Nagel’s ‘Dangerous Sympathy for Intelligent Design’.” Discovery Institute *Evolution News & Views* for 8 February (online text at *evolutionnews.org* accessed 2/8/2013).
- . 2013g. “Looking Forward to Darwin Day, Here’s a Suggestion for Enterprising Reporters.” Discovery Institute *Evolution News & Views* for 10 February (online text at *evolutionnews.org* accessed 2/14/2013).
- . 2013h. “Teaching the Evolution Controversy Is a Good *Liberal* Cause.” Discovery Institute *Evolution News & Views* for 12 February (online text at *evolutionnews.org* accessed 3/5/2013).
- . 2013i. “An Occasion to Recall Philip Skell’s Classic Deconstruction Job on Darwinian Overenthusiasm.” Discovery Institute *Evolution News & Views* for 19 February (online text at *evolutionnews.org* accessed 8/3/2013).
- . 2013j. “Why I Feel Sorry for Callan Bentley’s Students.” Discovery Institute *Evolution News & Views* for 20 February (online text at *evolutionnews.org* accessed 11/19/2013).

- . 2013k. “Speaking for ‘Answers in Genesis,’ Creationist Georgia Purdom Hits a Nail on the Head.” Discovery Institute *Evolution News & Views* for 20 February (online text at *evolutionnews.org* accessed 2/1/2014).
- . 2013l. “Nagel’s *Mind and Cosmos* Is the Year’s ‘Most Despised Book’.” Discovery Institute *Evolution News & Views* for 24 February (online text at *evolutionnews.org* accessed 3/1/2013).
- . 2013m. “In *The New Republic*, Leon Wieseltier Blasts ‘Darwinist Dittoheads’ for Policing Thomas Nagel’s ‘Heresy’.” Discovery Institute *Evolution News & Views* for 28 February (online text at *evolutionnews.org* accessed 3/31/2013).
- . 2013n. “What Does It Mean to Be a ‘Friend of Darwin?’” Discovery Institute *Evolution News & Views* for 7 March (online text at *evolutionnews.org* accessed 3/16/2013).
- . 2013o. “Richard Dawkins’s Selective Courage.” Discovery Institute *Evolution News & Views* for 7 March (online text at *evolutionnews.org* accessed 3/16/2013).
- . 2013p. “The Fine-Tuning of the Biosphere: In *BIO-Complexity*, Michael Denton Recovers the Lost Legacy of Lawrence Henderson.” Discovery Institute *Evolution News & Views* for 11 March (online text at *evolutionnews.org* accessed 3/22/2013).
- . 2013q. “A New Worm from the Cambrian Highlights Darwin’s Dilemma.” Discovery Institute *Evolution News & Views* for 19 March (online text at *evolutionnews.org* accessed 3/23/2013).
- . 2013r. “In *The Weekly Standard*, Andrew Ferguson Offers the Best Explication Yet of Nagel’s Book and the Nagel Affair.” Discovery Institute *Evolution News & Views* for 20 March (online text at *evolutionnews.org* accessed 3/31/2013).
- . 2013s. “Laurence A. Moran, University of Toronto Biochemist and Darwin Skeptic.” Discovery Institute *Evolution News & Views* for 25 March (online text at *evolutionnews.org* accessed 5/28/2013).
- . 2013t. “From the Halls of Science: Dancing Sea Lion, Talking Monkeys.” Discovery Institute *Evolution News & Views* for 9 April (online text at *evolutionnews.org* accessed 4/11/2013).
- . 2013u. “‘Complexity by Subtraction’: In *Evolutionary Biology*, a Devilishly Subversive Suggestion.” Discovery Institute *Evolution News & Views* for 16 April (online text at *evolutionnews.org* accessed 5/28/2013).
- . 2013v. “If Darwinists Won the Debate, What Would They Say to Impart Comfort, Meaning to Those in Grief?” Discovery Institute *Evolution News & Views* for 18 April (online text at *evolutionnews.org* accessed 4/21/2013).
- . 2013w. “In Advance of *Darwin’s Doubt* Publications, Gripe-Fest Turns Surreal.” Discovery Institute *Evolution News & Views* for 19 April (online text at *evolutionnews.org* accessed 5/15/2013).
- . 2013x. “Do Darwinists Really Lack Reading Comprehension?” Discovery Institute *Evolution News & Views* for 23 April (online text at *evolutionnews.org* accessed 4/27/2013).
- . 2013y. “World’s Leading Science Journal Lashes Dawkins, ‘World’s Top Thinker,’ for Misrepresenting Evolution Debate.” Discovery Institute *Evolution News & Views* for 26 April (online text at *evolutionnews.org* accessed 4/27/2013).
- . 2013z. “Stephen Meyer’s ‘The Return of the God Hypothesis’.” Discovery Institute *Evolution News & Views* for 13 May (online text at *evolutionnews.org* accessed 5/15/2013).
- . 2013aa. “*Chronicle of Higher Ed* on Nagel: Yeah, We Knew It All Along.” Discovery Institute *Evolution News & Views* for 17 May (online text at *evolutionnews.org* accessed 5/27/2013).
- . 2013ab. “At Ball State University, Intimidation Campaign Against Physicist Gets Troubling Results.” Discovery Institute *Evolution News & Views* for 22 May (online text at *evolutionnews.org* accessed 5/25/2013).
- . 2013ac. “Let’s Compare Ball State’s Eric Hedlin to a Preachy Atheist Professor, David Barash.” Discovery Institute *Evolution News & Views* for 23 May (online text at *evolutionnews.org* accessed 5/25/2013).
- . 2013ad. “It’s the End of the World as We Know It (and Lawrence Krauss Feels Fine).”

- Discovery Institute *Evolution News & Views* for 4 June (online text at *evolutionnews.org* accessed 6/14/2013).
- . 2013ae. “Forbidden Science: Stephen Meyer and *Darwin’s Doubt* in the Context of Academic Freedom.” Discovery Institute *Evolution News & Views* for 18 June (online text at *evolutionnews.org* accessed 6/20/2013).
- . 2013af. “More Scientists Endorse *Darwin’s Doubts*: Meet Biologist Mark C. Biederbach.” Discovery Institute *Evolution News & Views* for 27 June (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2013ag. “From *The New Yorker*, Backhanded Compliments for *Darwin’s Doubts*.” Discovery Institute *Evolution News & Views* for 2 July (online text at *evolutionnews.org* accessed 8/2/2013).
- . 2013ah. “Is Intelligent Design Too ‘Transgressive’ to Tolerate? More on the Investigation of Ball State University Physicist Eric Hedin.” Discovery Institute *Evolution News & Views* for 2 July (online text at *evolutionnews.org* accessed 8/4/2013).
- . 2013ai. “Ban Discovery Institute: Hank Campbell’s Mad Appeal to the Editors of *National Review*.” Discovery Institute *Evolution News & Views* for 1 August (online text at *evolutionnews.org* accessed 10/12/2013).
- . 2013aj. “Wesley Smith on the ‘Anti-Science Canard’.” Discovery Institute *Evolution News & Views* for 9 August (online text at *evolutionnews.org* accessed 10/12/2013).
- . 2013ak. “Science Nationalized: The Next Generation Science Standards.” Discovery Institute *Evolution News & Views* for 28 August (online text at *evolutionnews.org* accessed 10/13/2013).
- . 2013al. “Terry Mattingly: In the Evolution Debate, Clear Definitions Are Among the Casualties.” Discovery Institute *Evolution News & Views* for 1 October (online text at *evolutionnews.org* accessed 10/22/2013).
- . 2013am. “Catching Up with Darwin: See the New Trailer for *The War on Humans*, with Wesley J. Smith.” Discovery Institute *Evolution News & Views* for 7 October (online text at *evolutionnews.org* accessed 10/22/2013).
- . 2013an. “Letter From a Darwinist High School Biology Teacher.” Discovery Institute *Evolution News & Views* for 9 October (online text at *evolutionnews.org* accessed 11/19/2013).
- . 2013ao. “Someone at the *New York Times* Wasn’t Being Sufficiently Vigilant About Stealth ‘Creationism’ When *This* One Got Through.” Discovery Institute *Evolution News & Views* for 9 October (online text at *evolutionnews.org* accessed 10/22/2013).
- . 2013ap. “University of Iowa Chemist Rebuked by Faculty for Acknowledging ‘Holes’ in Darwinian Theory.” Discovery Institute *Evolution News & Views* for 9 October (online text at *evolutionnews.org* accessed 10/22/2013).
- . 2013aq. “‘Adaptation’ in Hearing: ‘We Have No Idea How It Works’.” Discovery Institute *Evolution News & Views* for 22 November (online text at *evolutionnews.org* accessed 12/11/2013).
- . 2013ar. “Scott Adams, of *Dilbert* Fame, Wishes Agony and Torture Upon Us.” Discovery Institute *Evolution News & Views* for 27 November (online text at *evolutionnews.org* accessed 12/20/2013).
- . 2013as. “Coyne Toss: Who’s Your Hero?” Discovery Institute *Evolution News & Views* for 6 December (online text at *evolutionnews.org* accessed 12/18/2013).
- . 2013at. “Genome Uses Two Languages Simultaneously; Try That Yourself Sometime, Why Don’t You.” Discovery Institute *Evolution News & Views* for 13 December (online text at *evolutionnews.org* accessed 12/18/2013).
- . 2013au. “UC Berkeley Mathematician Edward Frenkel on the Transcendent World of Math.” Discovery Institute *Evolution News & Views* for 19 December (online text at *evolutionnews.org* accessed 12/26/2013).
- . 2013av. “#10 of Our Top-Ten Evolution Stories of 2013: Michael Denton’s Peer-Reviewed Paper on the Fitness of the Biosphere.” Discovery Institute *Evolution News & Views* 23 December repost of 11 March entry (online text at *evolutionnews.org* accessed 1/1/2014).

- . 2013aw. “#3 of Our Top-Ten Evolution Stories of 2013: *Darwin’s Doubt* Debuts at #7 on *New York Times* Hardcover Nonfiction Bestseller List.” Discovery Institute *Evolution News & Views* 30 December repost of 1 July entry (online text at *evolutionnews.org* accessed 1/1/2014).
- . 2013ax. “#2 of Our Top-Ten Evolution Stories of 2013: What George Church, Famed Harvard Geneticist, Says About *Darwin’s Doubt*.” Discovery Institute *Evolution News & Views* 31 December repost of 31 May entry (online text at *evolutionnews.org* accessed 1/1/2014).
- . 2014a. “All in the Pairing: John Derbyshire v. Stephen Meyer in *The American Spectator*.” Discovery Institute *Evolution News & Views* 10 January posting (online text at *evolutionnews.org* accessed 2/19/2014).
- . 2014b. “Hypocrisy Watch: Jerry Coyne, Dr. Hedlin’s Persecutor, Turns to Teaching Religion in the Science Classroom.” Discovery Institute *Evolution News & Views* 14 January posting (online text at *evolutionnews.org* accessed 2/1/2014).
- . 2014c. “Why Censorship Works: The Case of Zack Kopplin.” Discovery Institute *Evolution News & Views* for 21 January (online text at *evolutionnews.org* accessed 2/13/2014).
- . 2014d. “Regarding that Creationism Debate Pitting Bill Nye Against Ken Ham, Here’s My Guilty Admission.” Discovery Institute *Evolution News & Views* 24 January posting (online text at *evolutionnews.org* accessed 2/1/2014).
- . 2014e. “Hmm, Here’s a Great Point from Creationist Ken Ham: Journalists, Please Take Note.” Discovery Institute *Evolution News & Views* for 29 January (online text at *evolutionnews.org* accessed 2/13/2014).
- . 2014f. “For Your Consideration as We Await the Announcement of ‘Censor of the Year’: Jamie Farren of Freethought Oasis.” Discovery Institute *Evolution News & Views* 4 February posting (online text at *evolutionnews.org* accessed 2/13/2014).
- . 2014g. “As an Antidote to the Ham-Nye Creation Debate Fiasco, Listen to Stephen Meyer Debate Charles Marshall.” Discovery Institute *Evolution News & Views* for 4 February (online text at *evolutionnews.org* accessed 2/17/2014).
- . 2014h. “Censor of the Year: Why Jerry Coyne? It’s the Power Differential That Makes the Difference.” Discovery Institute *Evolution News & Views* for 10 February (online text at *evolutionnews.org* accessed 2/13/2014).
- . 2014i. “In Anticipation of Darwin Day, What Would Charles Darwin Say About ‘Censor of the Year’ Jerry Coyne?” Discovery Institute *Evolution News & Views* for 10 February (online text at *evolutionnews.org* accessed 2/13/2014).
- . 2014j. “For His Substance-Free Contribution in the Debate with Stephen Meyer, *American Spectator* Readers Pummel John Derbyshire.” Discovery Institute *Evolution News & Views* 18 February posting (online text at *evolutionnews.org* accessed 2/19/2014).
- . 2014k. “Jerry Coyne Notwithstanding, as an ‘Explanation’ for the Rise of Complex Animal Life, Oxygen Is Now Eliminated from the Running.” Discovery Institute *Evolution News & Views* for 19 February (online text at *evolutionnews.org* accessed 12/3/2014).
- . 2014l. “At First Things, Columnist Stephen Webb Gives Intelligent-Design Critic Stephen Meredith an Education.” Discovery Institute *Evolution News & Views* 20 February posting (online text at *evolutionnews.org* accessed 3/27/2014).
- . 2014m. “Question for a Censor: Should a Teacher Be Punished for Telling Students What the *New York Times* Said About Evolution in 1980?” Discovery Institute *Evolution News & Views* 25 February posting (online text at *evolutionnews.org* accessed 3/27/2014).
- . 2014n. “This Might Be the World’s Most Underwhelming Evidence for Darwinian Evolution.” Discovery Institute *Evolution News & Views* 28 February posting (online text at *evolutionnews.org* accessed 3/28/2014).
- . 2014o. “Explaining Life’s ‘Great Leap Forward’: Now It’s Nitrogen.” Discovery Institute *Evolution News & Views* for 28 February (online text at *evolutionnews.org* accessed 12/3/2014).
- . 2014p. “Has the Darwin-Lobbying National Center for Science Education Gone Wobbly on Us?” Discovery Institute *Evolution News & Views* 5 March posting (online text at

- evolutionnews.org* accessed 3/28/2014).
- . 2014q. “On Cosmos, Neil Tyson Enlists a Chinese Philosopher in the Argument Against Faith—No, Make that Fate.” Discovery Institute *Evolution News & Views* 7 April posting (online text at *evolutionnews.org* accessed 4/11/2014).
- . 2014r. “Story Time: Psychologists Show How to ‘Suppress’ Children’s Intuition of Design in Nature.” Discovery Institute *Evolution News & Views* 20 April posting (online text at *evolutionnews.org* accessed 5/23/2014).
- . 2014s. “The Debater’s Tail: Giberson Shares His Take on the Confrontation with Stephen Meyer.” Discovery Institute *Evolution News & Views* 23 April posting (online text at *evolutionnews.org* accessed 6/3/2014).
- . 2014t. “I Could Write a Typical Newspaper Columnist’s Views on Science and Religion in My Sleep.” Discovery Institute *Evolution News & Views* 25 April posting (online text at *evolutionnews.org* accessed 6/24/2014).
- . 2014u. “Has the Problem of Science Censhship at Ball State University Been Ironed Out at Last?” Discovery Institute *Evolution News & Views* 8 May posting (online text at *evolutionnews.org* accessed 6/3/2014).
- . 2014v. “The Whitewash Continues: *Cosmos* Conceals the Sources of Scientific Inspiration for Michael Faraday, James Clerk Maxwell.” Discovery Institute *Evolution News & Views* 12 May posting (online text at *evolutionnews.org* accessed 5/23/2014).
- . 2014w. “Now with More Doubt! Stephen Meyer’s Landmark Is Back in an Expanded Edition, Replying to the Critics.” Discovery Institute *Evolution News & Views* 3 June posting (online text at *evolutionnews.org* accessed 6/3/2014).
- . 2014x. “Mob Rule: The Final Installment of *Cosmos* Is Thick with Irony.” Discovery Institute *Evolution News & Views* for 9 June (online text at *evolutionnews.org* accessed 6/11/2014).
- . 2014y. “It Was the Philosophical Message, Not the Science, that Moved the Creators of *Cosmos*.” Discovery Institute *Evolution News & Views* 11 June posting (online text at *evolutionnews.org* accessed 6/24/2014).
- . 2014z. “Exactly a Year Since Darwin’s Doubt Was Published, Critics Still Come Up Empty.” Discovery Institute *Evolution News & Views* for 18 June (online text at *evolutionnews.org* accessed 6/18/2014).
- . 2014aa. “Telling Theists What They Think: Philosopher Versus Philosopher at the *New York Times*.” Discovery Institute *Evolution News & Views* 19 June posting (online text at *evolutionnews.org* accessed 7/31/2014).
- . 2014ab. “Video: Dembsli Explains the Thesis, and the Title, of *Being as Communion*.” Discovery Institute *Evolution News & Views* 27 June posting (online text at *evolutionnews.org* accessed 7/15/2014).
- . 2014ac. “On July 11, Apes Will Join the War on Humans.” Discovery Institute *Evolution News & Views* 2 July posting (online text at *evolutionnews.org* accessed 7/9/2014).
- . 2014ad. “In Early Reviews, Catching a Glimpse of ‘War on Humans’ Theme in Upcoming *Planet of the Apes* Film.” Discovery Institute *Evolution News & Views* 7 July posting (online text at *evolutionnews.org* accessed 7/9/2014).
- . 2014ae. “For Critics if Intelligent Design, There’s No Hiding Behind Claims of ‘Peer Review’.” Discovery Institute *Evolution News & Views* 10 July posting (online text at *evolutionnews.org* accessed 7/17/2014).
- . 2014af. “Gliese 581g: A Black Eye for Believers in Habitable Earth-like Exoplanets.” Discovery Institute *Evolution News & Views* 11 July posting (online text at *evolutionnews.org* accessed 7/17/2014).
- . 2014ag. “What the Evolution Debate, and the Debate over Assisted Suicide, Have in Common.” Discovery Institute *Evolution News & Views* 11 July posting (online text at *evolutionnews.org* accessed 7/29/2014).
- . 2014ah. “The Tang Factor: Last Night with William Dembski at McCaw Hall.” Discovery Institute *Evolution News & Views* 17 July posting (online text at *evolutionnews.org* accessed 7/31/2014).
- . 2014ai. “‘People Are Starting to See Scientists the Way They Really Are’.” Discovery

- Institute *Evolution News & Views* 25 July posting (online text at *evolutionnews.org* accessed 7/30/2014).
- . 2014aj. “So, You Think Someone’s View on Origins Has No Bearing on Questions About ‘Meaning and Value?’” Discovery Institute *Evolution News & Views* 29 July posting (online text at *evolutionnews.org* accessed 7/29/2014).
- . 2014ak. “On Robin Williams’s Death, a Revealing Dispute Between Atheist-Evolutionist Spokesmen.” Discovery Institute *Evolution News & Views* 12 August posting (online text at *evolutionnews.org* accessed 8/19/2014).
- . 2014al. “Cladistics Made Easy: Why an Arcane Field of Study Fails to Upset Steve Meyer’s Argument for Intelligent Design.” Discovery Institute *Evolution News & Views* 12 August posting (online text at *evolutionnews.org* accessed 8/21/2014).
- . 2014am. “You’re Welcome: Darwinists Should Thank Us for Quality Control, Fact Checking.” Discovery Institute *Evolution News & Views* 27 August posting (online text at *evolutionnews.org* accessed 4/23/2015).
- . 2014an. “Now It’s Whale Hips: Another Icon of Darwinian Evolution, Vestigial Structures, Takes a Hit.” Discovery Institute *Evolution News & Views* 15 September posting (online text at *evolutionnews.org* accessed 9/17/2014).
- . 2014ao. “Forget Cosmos, Here’s Further Confirmation of Neil Tyson’s Tendency to Commit Taradiddles.” Discovery Institute *Evolution News & Views* 16 September posting (online text at *evolutionnews.org* accessed 9/18/2014).
- . 2014ap. “In Endorsing Intelligent Design, Novelist Stephen King Joins a Distinguished List of Stereotype-Shattering Free Thinkers.” Discovery Institute *Evolution News & Views* 29 September posting (online text at *evolutionnews.org* accessed 10/1/2014).
- . 2014aq. “At U. of Washington, Evangelizing Atheist David Barash Illustrates How the Scientific ‘Consensus’ on Darwinism Is Maintained.” Discovery Institute *Evolution News & Views* 30 September posting (online text at *evolutionnews.org* accessed 11/5/2014).
- . 2014ar. “Intelligent Design’s Secret Weapon: The World.” Discovery Institute *Evolution News & Views* 3 October posting (online text at *evolutionnews.org* accessed 10/8/2014).
- . 2014as. “Hip-Hop Artist Je’kob Sings of Intelligent Design.” Discovery Institute *Evolution News & Views* 7 October posting (online text at *evolutionnews.org* accessed 10/27/2014).
- , ed. 2014at. *The Unofficial Guide to Cosmos: Fact and Fiction in Neil deGrasse Tyson’s Landmark Science Series*. Seattle, WA: Discovery Institute Press.
- . 2014au. “Separating Fact from Fiction: New Book, *The Unofficial Guide to Cosmos*, Released Today.” Discovery Institute *Evolution News & Views* 21 October posting (online text at *evolutionnews.org* accessed 10/27/2014).
- . 2014av. “Sure, Atheism Is a Religion, to which Neil deGrasse Tyson and *Cosmos* Seek Converts.” Discovery Institute *Evolution News & Views* 28 October posting (online text at *evolutionnews.org* accessed 10/29/2014).
- . 2014aw. “Insulation and Insults: Darwinist Massimo Pigliucci Goes After Jonathan Wells Again.” Discovery Institute *Evolution News & Views* 29 October posting (online text at *evolutionnews.org* accessed 10/29/2014).
- . 2014ax. “Dartmouth Physicist: When Science Shades Over Into Faith.” Discovery Institute *Evolution News & Views* 3 November posting (online text at *evolutionnews.org* accessed 11/5/2014).
- . 2014ay. “The Varieties of ‘Atheism’; plus on Kindle Nowm Here’s Our New Book *The Unofficial Guide to Cosmos*.” Discovery Institute *Evolution News & Views* 3 November posting (online text at *evolutionnews.org* accessed 11/17/2014).
- . 2014az. “A Trope in the Evolution Debate: The Oh, So Sad Plight of the Poor Creationist Child.” Discovery Institute *Evolution News & Views* 6 November posting (online text at *evolutionnews.org* accessed 11/17/2014).
- . 2014ba. “Putting Richard Dawkins in His Place, Harvard’s E. O. Wilson Call Him a ‘Journalist’.” Discovery Institute *Evolution News & Views* 7 November posting (online text at *evolutionnews.org* accessed 11/17/2014).
- . 2014bb. “World Magazine Examines BioLogos Efforts to Win Christians Over to a

- Darwinist Account of Human Origins.” Discovery Institute *Evolution News & Views* 16 November posting (online text at *evolutionnews.org* accessed 11/19/2014).
- . 2014bc. “A Reader Shares a Telling Experience About Shopping at Barnes & Noble for *Darwin’s Doubt*.” Discovery Institute *Evolution News & Views* 17 November posting (online text at *evolutionnews.org* accessed 12/5/2014).
- . 2014bd. “On the Barnes & Noble Shelving Fiasco, Readers Offer Further Insight, Amusement.” Discovery Institute *Evolution News & Views* 18 November posting (online text at *evolutionnews.org* accessed 12/5/2014).
- . 2014be. “Reader’s Guilty Confession: I Have Re Shelved Stephen Meyer’s Books at Barnes & Noble ‘Quite a Few Times’.” Discovery Institute *Evolution News & Views* 18 November posting (online text at *evolutionnews.org* accessed 12/5/2014).
- . 2014bf. “About the Implosion of *The New Republic*—and Your Opportunity to Support Ideas over Cynicism.” Discovery Institute *Evolution News & Views* 8 December posting (online text at *evolutionnews.org* accessed 12/18/2014).
- . 2014bg. “Stephen Meyer’s Dangerous Idea: Counsels Theistic Evolutionists and Others to ‘Do Their Homework’ on the Design Question.” Discovery Institute *Evolution News & Views* 11 December posting (online text at *evolutionnews.org* accessed 12/18/2014).
- . 2014bh. “Universe, Planet, Proteins ... It’s Fine-Tuning All the Way Down.” Discovery Institute *Evolution News & Views* 26 December posting (online text at *evolutionnews.org* accessed 1/7/2015).
- . 2015a. “Congratulations to John West as *Biology of the Second Reich*, ‘Best Documentary Short,’ Scores Big Recognition.” Discovery Institute *Evolution News & Views* 6 January posting (online text at *evolutionnews.org* accessed 1/7/2015).
- . 2015b. “They’ve Got Eric Metaxas Under Their Skin: Now, the Religious Critics.” *Discovery Institute Center for Science & Culture Faith and Science News* 14 January (online text at *discovery.org* accessed 1/23/2015).
- . 2015c. “At BioLogos, Stephen Meyer Clarifies the Disagreement Separating Intelligent Design from Theistic Evolution.” Discovery Institute *Evolution News & Views* 19 January posting (online text at *evolutionnews.org* accessed 1/22/2015).
- . 2015d. “The Many Faces of Science Censorship.” Discovery Institute *Evolution News & Views* 23 January posting (online text at *evolutionnews.org* accessed 1/31/2015).
- . 2015e. “With Richard Dawkins’s *Descent* to a Figure of Fun, Atheism Has Lost Its Champion.” Discovery Institute *Evolution News & Views* 5 February posting (online text at *evolutionnews.org* accessed 2/11/2015).
- . 2015f. “Censor of the Year: Neil deGrasse Tyson Broadcast His Photoshopped Narrative of Science to Millions.” Discovery Institute *Evolution News & Views* 12 February posting (online text at *evolutionnews.org* accessed 2/20/2015).
- . 2015g. “‘Hallelujah! Evolution!: Exposing the Myth that Darwinism Is All About the Science.’” Discovery Institute *Evolution News & Views* 12 February posting (online text at *evolutionnews.org* accessed 2/20/2015).
- . 2015h. “Science and Culture, and a Tale of Two Cities.” Discovery Institute *Evolution News & Views* 12 March posting (online text at *evolutionnews.org* accessed 3/27/2015).
- . 2015i. “In the Current Evolution Debate, Don’t Let Darwinists Tell You the History of Their Idea Is Irrelevant.” Discovery Institute *Evolution News & Views* 16 March posting (online text at *evolutionnews.org* accessed 3/18/2015).
- . 2015j. “Biologist Ann Gauger on How Life Is Sculpted by Death.” Discovery Institute *Evolution News & Views* 5 May posting (online text at *evolutionnews.org* accessed 5/19/2015).
- . 2015k. “Thomas Nagel’s Evolutionary Critique, on London Theatrical Stage?” Discovery Institute *Evolution News & Views* 11 May posting (online text at *evolutionnews.org* accessed 5/15/2015).
- . 2015l. “Doctors and Evolution.” Discovery Institute *Evolution News & Views* 19 May posting (online text at *evolutionnews.org* accessed 5/28/2015).
- . 2015m. “Identifying Earliest Stone Tools Is ‘Most Important Discovery’ in a Half Century—and a Score for ID.” Discovery Institute *Evolution News & Views* 21 May

- posting (online text at *evolutionnews.org* accessed 5/28/2015).
- . 2015n. “Letter to a Young Darwin Activist’s Parents.” Discovery Institute *Evolution News & Views* 22 May posting (online text at *evolutionnews.org* accessed 5/22/2015).
- . 2015o. “Addressing a ‘Misunderstanding’ About Academic Freedom with *Discovering Intelligent Design*.” Discovery Institute *Evolution News & Views* 22 May posting (online text at *evolutionnews.org* accessed 6/1/2015).
- . 2015p. “*Wall Street Journal*: Coyne’s Atheist Tract Is a ‘Splendid Specimen of Scientism’.” Discovery Institute *Evolution News & Views* 1 June posting (online text at *evolutionnews.org* accessed 6/15/2015).
- . 2015q. “John West on Alfred Wallace and the Road Not Taken.” Discovery Institute *Evolution News & Views* 4 June posting (online text at *evolutionnews.org* accessed 6/15/2015).
- . 2015r. “Say What You Want About Intelligent Design.” Discovery Institute *Evolution News & Views* 4 June posting (online text at *evolutionnews.org* accessed 6/12/2015).
- . 2015s. “Science Untethered from Evidence.” Discovery Institute *Evolution News & Views* 8 June posting (online text at *evolutionnews.org* accessed 6/11/2015).
- . 2015t. “Join Us in Defeating a Key Darwinist Propaganda Claim.” *Discovery Institute* 18 June email (online text via *discovery.org* accessed 6/18/2015).
- . 2015u. “Revealed! The SECRET PLOT to Teach About Evolution in an Objective, Responsible, Engaging Manner!” Discovery Institute *Evolution News & Views* 16 June posting (online text at *evolutionnews.org* accessed 7/6/2015).
- . 2015v. “Unprecedented Rash of Retractions in Science Journals Is Excellent News.” Discovery Institute *Evolution News & Views* 18 June posting (online text at *evolutionnews.org* accessed 7/6/2015).
- . 2015w. “In Explaining Dylann Roof’s Inspiration, the Media Ignores Ties to Evolutionary Racism.” Discovery Institute *Evolution News & Views* 24 June posting (online text at *evolutionnews.org* accessed 7/3/2015).
- . 2015x. “Bobby Jindal and Louisiana’s ‘Creationist’ Law.” Discovery Institute *Evolution News & Views* 25 June posting (online text at *evolutionnews.org* accessed 7/6/2015).
- . 2015y. “For the Origin of Life, on Earth or Elsewhere, ‘Ingredients and Conditions’ Aren’t Enough.” Discovery Institute *Evolution News & Views* 24 July posting (online text at *evolutionnews.org* accessed 1/2/2016).
- . 2015z. “In *The New Yorker*, Tom Wolfe Compares Persecution of Intelligent Design Advocates to the ‘Spanish Inquisition’.” Discovery Institute *Evolution News & Views* 28 July posting (online text at *evolutionnews.org* accessed 1/2/2016).
- . 2015aa. “From the Perspective of Intelligent Design, Killing Cecil the Lion Was an Act of Egregious Vandalism.” Discovery Institute *Evolution News & Views* 30 July posting (online text at *evolutionnews.org* accessed 1/3/2016).
- . 2015ab. “*Explore Evolution*, Now in Polish.” Discovery Institute *Evolution News & Views* 30 July posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015ac. “University of Toronto Biochemist Admits Most ID Critics Can’t Win a Debate with Us.” Discovery Institute *Evolution News & Views* 1 September posting (online text at *evolutionnews.org* accessed 3/4/2016).
- . 2015ad. “Eric Metaxas Explains the Octopus Genome to You—and 2 Million Others.” Discovery Institute *Evolution News & Views* 8 September posting (online text at *evolutionnews.org* accessed 3/12/2016).
- . 2015ae. “Dawkins’s Contributions as a Scientist Are Already Past Their Sell-By Date, Says *Nature* Reviewer.” Discovery Institute *Evolution News & Views* 10 September posting (online text at *evolutionnews.org* accessed 3/12/2016).
- . 2015af. “Prosecute Darwin Skeptics Under RICO Act?” Discovery Institute *Evolution News & Views* 22 September posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015ag. “Putting Scientism in Its Place.” Discovery Institute *Evolution News & Views* 7 October posting (online text at *evolutionnews.org* accessed 3/16/2016).
- . 2015ah. “Introducing *The Information Enigma*—Intelligent Design in a Nutshell.” Discovery Institute *Evolution News & Views* 8 October posting (online text at

- evolutionnews.org* accessed 3/18/2016).
- . 2015ai. “Ben Carson on Creationism, Evolution, and Intelligent Design.” Discovery Institute *Evolution News & Views* 13 October posting (online text at *evolutionnews.org* accessed 3/18/2016).
- . 2015aj. “Can Science Define Morality? Sam Harris Thinks So.” Discovery Institute *Evolution News & Views* 19 October posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2016ak. “On Evolution and Intelligent Design, What Are Ben Carson’s Sources?” Discovery Institute *Evolution News & Views* 20 October posting (online text at *evolutionnews.org* accessed 1/3/2017).
- . 2015al. “Here’s Why We Answer Some of Our Less Cogent Critics.” Discovery Institute *Evolution News & Views* 23 October posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015am. “Fare Thee Well, Kepler 438b.” Discovery Institute *Evolution News & Views* 19 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015an. “From Yale Psychologist Paul Bloom, a Sweetly Naïve Love Letter to Science.” Discovery Institute *Evolution News & Views* 25 November posting (online text at *evolutionnews.org* accessed 4/22/2016).
- . 2015ao. “Academic Freedom for Thee ... What About Me?” Discovery Institute *Evolution News & Views* 9 December posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016a. “The Myth of the Objective Scientist.” Discovery Institute *Evolution News & Views* 11 January posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016b. “Flat-Earth Myth, Anyone? Recalling Neil deGrasse Tyson’s Long Pedigree.” Discovery Institute *Evolution News & Views* 2 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016c. “*New York Times* Writer Blames the Myth of a Science-Religion Rift on Intelligent Design.” Discovery Institute *Evolution News & Views* 10 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016d. “What’s Wrong with the Terms ‘Ant-Science’ and ‘Anti-Evolution’?” Discovery Institute *Evolution News & Views* 19 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016e. “Language as an Evolutionary Conundrum.” Discovery Institute *Evolution News & Views* 26 February posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016f. “Coming in April, Richard Weikart’s *The Death of Humanity* Asks the ‘Why It Matters’ Question.” Discovery Institute *Evolution News & Views* 1 March posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016g. “Censorship in Real Time—*PLOS ONE* Retracts ‘Proper Design by the Creator’ Paper.” Discovery Institute *Evolution News & Views* 3 March posting (online text at *evolutionnews.org* accessed 4/23/2016).
- . 2016h. “Watch Meyer Take on Krauss and Lamoureaux, Streaming Live at *Evolution News* on March 19.” Discovery Institute *Evolution News & Views* 9 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016i. “Refer Questions of Scientific Controversy to the FBI?” Discovery Institute *Evolution News & Views* 10 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016j. “An Evolutionary Biologist Asks, ‘Really, Couldn’t Have God Done Better?’.” Discovery Institute *Evolution News & Views* 11 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016k. “‘I Think We’re Alone Now’.” Discovery Institute *Evolution News & Views* 13 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016l. “Identifying ‘Academia’s Bermuda Triangle’.” Discovery Institute *Evolution News & Views* 14 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016m. “A ‘Nightmarish Scenario’ for Darwinism—the Curse of Non-Adaptive Order.” Discovery Institute *Evolution News & Views* 16 March posting (online text at

- evolutionnews.org* accessed 4/24/2016).
- . 2016n. “Man Plans, God Laughs: Thoughts on Meyer v. Krauss v. Lamoureux.” Discovery Institute *Evolution News & Views* 20 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016o. “‘Science Signaling’.” Discovery Institute *Evolution News & Views* 24 March posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016p. “A Telling Habit of Darwin’s Advocates.” Discovery Institute *Evolution News & Views* 7 April posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016q. “An Unnoticed Parallel in Academic Speech Codes.” Discovery Institute *Evolution News & Views* 12 April posting (online text at *evolutionnews.org* accessed 5/2/2016).
- . 2016r. “From Atheist Jeffrey Shallit, a Telling Response on the Origin of Life.” Discovery Institute *Evolution News & Views* 12 April posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016s. “First They Came for the Climate Skeptics.” Discovery Institute *Evolution News & Views* 13 April posting (online text at *evolutionnews.org* accessed 5/2/2016).
- . 2016t. “Now It’s Bill Nye the ‘Jailing Science Skeptics as War Criminals’ Guy.” Discovery Institute *Evolution News & Views* 15 April posting (online text at *evolutionnews.org* accessed 4/24/2016).
- . 2016u. “The Diversity that Dare Not Speak Its Name.” Discovery Institute *Evolution News & Views* 20 April posting (online text at *evolutionnews.org* accessed 5/2/2016).
- . 2016v. “Intelligent Design Aside, from Templeton Foundation to the Royal Society, Darwinism Is Under Siege.” Discovery Institute *Evolution News & Views* 22 April posting (online text at *evolutionnews.org* accessed 5/4/2016).
- . 2016w. “For Darwin Advocates, Wistar Conference Remains a Pain in the Master Narrative.” Discovery Institute *Evolution News & Views* 25 April posting (online text at *evolutionnews.org* accessed 4/27/2016).
- . 2016x. “Neil deGrasse Tyson Says Chances of Intelligently Design Universe ‘May Be Very High’.” Discovery Institute *Evolution News & Views* 26 April posting (online text at *evolutionnews.org* accessed 4/27/2016).
- . 2016y. “The Curious Incident if the Non-Rafting Foxes.” Discovery Institute *Evolution News & Views* 28 April posting (online text at *evolutionnews.org* accessed 5/1/2016).
- . 2016z. “Cosmic Archaeology: Taking the Sting Out of the Drake Equation.” Discovery Institute *Evolution News & Views* 2 May posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016aa. “*Crime and Punishment*, and Darwin’s Theory.” Discovery Institute *Evolution News & Views* 2 May posting (online text at *evolutionnews.org* accessed 5/16/2016).
- . 2016ab. “Rafting Monkeys ‘Fill a Gap’ in Evolutionary Theory?” Discovery Institute *Evolution News & Views* 10 May posting (online text at *evolutionnews.org* accessed 5/12/2016).
- . 2016ac. “In a Debate with Peter Singer, Richard Weikart Drills Down to the Bottom of Atheist.” Discovery Institute *Evolution News & Views* 12 May posting (online text at *evolutionnews.org* accessed 5/18/2016).
- . 2016ad. “*World Magazine* Tells David Coppedge’s Powerful Story.” Discovery Institute *Evolution News & Views* 15 May posting (online text at *evolutionnews.org* accessed 6/6/2016).
- . 2016ae. “Two Kinds of Science ‘Skepticism’.” Discovery Institute *Evolution News & Views* 17 May posting (online text at *evolutionnews.org* accessed 5/20/2016).
- . 2016af. “Atheist Endows Chair for Study of Atheism; Look What He’s Got Cradled in His Hands.” Discovery Institute *Evolution News & Views* 29 May posting (online text at *evolutionnews.org* accessed 6/6/2016).
- . 2016ag. “Here’s What Happens When You Eliminate Science’s Spiritual Foundations.” Discovery Institute *Evolution News & Views* 31 May posting (online text at *evolutionnews.org* accessed 6/4/2016).
- . 2016ah. “The Darwinian Origins of Euthanasia Advocacy.” Discovery Institute *Evolution*

- News & Views* 3 June posting (online text at *evolutionnews.org* accessed 6/3/2016).
- . 2016ai. “On Prebiotic Chemistry, Synthetic Chemist James Tour Urges an Admission of Ignorance.” Discovery Institute *Evolution News & Views* 6 June posting (online text at *evolutionnews.org* accessed 6/8/2016).
- . 2016aj. “Better Babies Through Evolution? Richard Weikart on the Siren Song of Transhumanism.” Discovery Institute *Evolution News & Views* 7 June posting (online text at *evolutionnews.org* accessed 6/20/2016).
- . 2016al. “Objection to Intelligent Design—Universe Is Too Big, with Too Much ‘Wasted Space?’” Discovery Institute *Evolution News & Views* 8 June posting (online text at *evolutionnews.org* accessed 6/8/2016).
- . 2016al. “In the Evolution Debate, Not Listening Happens in One Direction, Not Two.” Discovery Institute *Evolution News & Views* 15 June posting (online text at *evolutionnews.org* accessed 6/15/2016).
- . 2016am. “Ice-Cold Water on Past Alien Civilizations Thesis.” Discovery Institute *Evolution News & Views* 21 June posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016an. “Past Alien Civilizations Thesis Takes Another Blow.” Discovery Institute *Evolution News & Views* 22 June posting (online text at *evolutionnews.org* accessed 6/23/2016).
- . 2016ao. “Fellow Atheist Dismayed at A.C. Grayling’s Debate Performance Versus Rabbi Rowe.” Discovery Institute *Evolution News & Views* 28 June posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016ap. “Behold, an Article on Faith and Evolution with No Axe-Grinding; Congratulations to Tyler O’Neil.” Discovery Institute *Evolution News & Views* 28 June posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016aq. “Is Intelligent Design a Peasant’s Revolt?” Discovery Institute *Evolution News & Views* 5 July posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016ar. “Evolution’s Enforcers Are Waaaaay Out of Step with Public Opinion.” Discovery Institute *Evolution News & Views* 6 July posting (online text at *evolutionnews.org* accessed 6/29/2016).
- . 2016as. “‘Anti-Science’ Is Increasingly Turned Against Its Creator.” Discovery Institute *Evolution News & Views* 7 July posting (online text at *evolutionnews.org* accessed 8/1/2016).
- . 2016at. “Perfect Illustration of Why We Need *Undeniable*.” Discovery Institute *Evolution News & Views* 13 July posting (online text at *evolutionnews.org* accessed 8/1/2016).
- . 2016au. “Helpful Survey of the Best ID Literature Illuminates Distortions of the Evolution Debate.” Discovery Institute *Evolution News & Views* 15 July posting (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016av. “More Scientists Praise Douglas Axe’s *Undeniable*.” Discovery Institute *Evolution News & Views* 18 July posting (online text at *evolutionnews.org* accessed 7/23/2016).
- . 2016aw. “Scientists Aren’t Exempt from Feelings, Any More Than the Public Is.” Discovery Institute *Evolution News & Views* 21 July posting (online text at *evolutionnews.org* accessed 7/27/2016).
- . 2016ax. “An Orangutan ‘Speaks,’ ‘Orates,’ Engaging in ‘Conversation,’ ‘Surprisingly Like Our Own?’” Discovery Institute *Evolution News & Views* 28 July posting (online text at *evolutionnews.org* accessed 7/30/2016).
- . 2016ay. “Doug Axe Challenges Bill Bye—Come Visit Us in Seattle, Why Don’t You?” Discovery Institute *Evolution News & Views* 2 August posting (online text at *evolutionnews.org* accessed 8/3/2016).
- . 2016az. “Darwin Apologists Could Take a Lesson from This Christian Apologist.” Discovery Institute *Evolution News & Views* 4 August posting (online text at *evolutionnews.org* accessed 9/2/2016).
- . 2016ba. “In *The Kingdom of Speech*, Tom Wolfe Tells the Story of Evolution’s Epic

- Tumble.” Discovery Institute *Evolution News & Views* 30 August posting (online text at *evolutionnews.org* accessed 9/2/2016).
- . 2016bb. “Greenland Fossils, Earth’s Oldest, Pose an Evolutionary Dilemma.” Discovery Institute *Evolution News & Views* 1 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016bc. “Douglas Axe: The Work of Intelligent Design Is Just Beginning.” Discovery Institute *Evolution News & Views* 2 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016bd. “William Dembski on the ‘Science vs. Science’ Debate, the ‘Two Strands’ in ID Research, and More.” Discovery Institute *Evolution News & Views* 8 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016be. “Intelligent Design Is the Backdrop for a Dan Brown-Style Thriller—Bruce Buff’s *The Soul of the Matter*.” Discovery Institute *Evolution News & Views* 13 September posting (online text at *evolutionnews.org* accessed 9/17/2016).
- . 2016bf. “Science, Scientism, and the ‘Intellectual Yet Idiot’.” Discovery Institute *Evolution News & Views* 16 September posting (online text at *evolutionnews.org* accessed 9/29/2016).
- . 2016bg. “Scientists: Oxygen ‘Fueled’ Evolution of Complex Life.” Discovery Institute *Evolution News & Views* 27 September posting (online text at *evolutionnews.org* accessed 9/27/2016).
- . 2016bh. “Intelligent Design: Nobel Prize for Chemists who Synthesized Molecular Machines.” Discovery Institute *Evolution News & Views* 6 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bi. “View of the World Fueled by ‘Nothing Special’.” Discovery Institute *Evolution News & Views* 6 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bj. “God and Evolution: An Anti-Colonial View.” Discovery Institute *Evolution News & Views* 7 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bk. “Researchers Say Geckos, an Icon of Intelligent Design, Prove Evolution Over ID.” Discovery Institute *Evolution News & Views* 10 October posting (online text at *evolutionnews.org* accessed 10/10/2016).
- . 2016bl. “High Tech, Low Life—The Amazing Flagellum.” Discovery Institute *Evolution News & Views* 31 October posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bm. “This Science Educator Could Do with a Little More Science Education.” Discovery Institute *Evolution News & Views* 31 October posting (online text at *evolutionnews.org* accessed 11/7/2016).
- . 2016bn. “On Texas Science Standards, a Breath of Fresh Air—Accurate Reporting!” Discovery Institute *Evolution News & Views* 2 November posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bo. “Tropical Birds Are *Not* More Colorful, Prompting Evolutionary Speculation.” Discovery Institute *Evolution News & Views* 4 November posting (online text at *evolutionnews.org* accessed 11/5/2016).
- . 2016bp. “A European Scientist on ‘Beyond Materialism’ Meeting.” Discovery Institute *Evolution News & Views* 14 November posting (online text at *evolutionnews.org* accessed 11/28/2016).
- . 2016bq. “London *Spectator* Hails Denton’s *Evolution: Still a Theory in Crisis* as a ‘Best book’ of 2016.” Discovery Institute *Evolution News & Views* 21 November posting (online text at *evolutionnews.org* accessed 11/28/2016).
- . 2016br. “Refuting Behe’s Critics, Meyer Gives Four Reasons the Flagellum Predates the Type III Secretory System.” Discovery Institute *Evolution News & Views* 28 November posting (online text at *evolutionnews.org* accessed 12/1/2016).
- . 2016bs. “Harvard Astronomer: ‘We Seem to Be Cosmically Special, Perhaps Even Unique’.” Discovery Institute *Evolution News & Views* 29 November posting (online text at *evolutionnews.org* accessed 12/1/2016).
- . 2016bt. “An Evolutionary Explanation for Higher Rates of Birth by Caesarian Section?” Discovery Institute *Evolution News & Views* 8 December posting (online text at

- evolutionnews.org* accessed 12/8/2016).
- . 2016bu. “Currently Turned Against Pro-Lifers, French Totalitarian Impulse Can Easily Jump Oceans.” Discovery Institute *Evolution News & Views* 9 December posting (online text at *evolutionnews.org* accessed 12/16/2016).
 - . 2016bv. “NASA on Trial: David Coppedge Fell Victim to Anti-ID Zeal at America’s Space Agency.” Discovery Institute *Evolution News & Views* 13 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
 - . 2016bw. “NASA on Trial: Persecution of David Coppedge Was a Preview of Creeping Totalitarianism.” Discovery Institute *Evolution News & Views* 15 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
 - . 2016bx. “London *Guardian* Acknowledges the Irony of Excluding ID Advocates from the Royal Society Meeting.” Discovery Institute *Evolution News & Views* 16 December posting (online text at *evolutionnews.org* accessed 12/22/2016).
 - . 2016by. “Fake News? Evolutionists Fall for Seemingly Phony Anti-Evolution ‘Petition’.” Discovery Institute *Evolution News & Views* 19 December posting (online text at *evolutionnews.org* accessed 12/22/2016).
 - . 2016bz. “NASA Versus David Coppedge: Most Reprehensible Case of Anti-Intelligent Design Persecution Yet?” Discovery Institute *Evolution News & Views* 19 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
 - . 2016ca. “Dover Decision Anniversary Today. Ho Hum. Zzzzzzzz. (Just Kidding.)” Discovery Institute *Evolution News & Views* 20 December posting (online text at *evolutionnews.org* accessed 12/22/2016).
 - . 2016cb. “Evolutionists Defend Scaremongering on Fake News ‘Petition’.” Discovery Institute *Evolution News & Views* 23 December posting (online text at *evolutionnews.org* accessed 1/3/2017).
 - . 2016cc. “If Education Secretary Nominee Betsy DeVos Is Questioned on Evolution, Here’s What She Should Say.” Discovery Institute *Evolution News & Views* 22 December posting (online text at *evolutionnews.org* accessed 1/4/2017).
 - . 2016cd. “You Already Support Goliath with Your Tax Dollars: Won’t You Consider Balancing the Scales?” Discovery Institute *Evolution News & Views* 28 December posting (online text at *evolutionnews.org* accessed 12/29/2016).
 - . 2017a. “Fake Science: ‘About 99 Percent of Our DNA Is Identical to That of Chimpanzees’.” Discovery Institute *Evolution News & Views* 2 January posting (online text at *evolutionnews.org* accessed 1/3/2017).
 - . 2017b. “Jonathan Wells on Whale Evolution and a ‘Materialistic Creation Story’.” Discovery Institute *Evolution News & Views* 12 January posting (online text at *evolutionnews.org* accessed 1/28/2017).
 - . 2017c. “Theory of Evolution? Call It a ‘Narrative’ Instead.” Discovery Institute *Evolution News & Views* 25 January posting (online text at *evolutionnews.org* accessed 2/3/2017).
 - . 2017d. “Darwin’s Corrosive Idea: The Case of Stephen Matheson.” Discovery Institute *Evolution News & Views* 30 January posting (online text at *evolutionnews.org* accessed 2/3/2017).
 - . 2017e. “The Curious Romance of Darwinism and Creationism—And Why Intelligent Design Must Be Silenced.” Discovery Institute *Evolution News & Views* 6 February posting (online text at *evolutionnews.org* accessed 2/11/2017).
 - . 2017f. “What Darwinists Don’t Tell You: Valentine’s Day Edition.” Discovery Institute *Evolution News & Views* 14 February posting (online text at *evolutionnews.org* accessed 2/15/2017).
 - . 2017g. “How to Fight Back Against ‘Alternative Facts’ on ID: Join Us for the Summer Seminars!” Discovery Institute *Evolution News & Views* 14 February posting (online text at *evolutionnews.org* accessed 2/15/2017).
 - . 2017h. “A Look Inside the Media Sausage Factory: Alternative Facts from *ProPublica*.” Discovery Institute *Evolution News & Views* 16 February posting (online text at *evolutionnews.org* accessed 3/13/2017).

- . 2017i. “South Dakota Science Education Controversy Gets Surreal as Anti-Censorship Group Demands Censorship.” Discovery Institute *Evolution News & Views* 17 February posting (online text at evolutionnews.org accessed 2/22/2017).
- . 2017j. “Speculative Evolution Story of the Day: Seven Planets Found Where ‘Life May Have Evolved’.” Discovery Institute *Evolution News & Science Today* 22 February posting (online text at evolutionnews.org accessed 3/6/2017).
- . 2017k. “Roe, Roe, Roe: Never Before Seen, Check Out Fossilized Trilobite Eggs.” Discovery Institute *Evolution News & Views* 23 February posting (online text at evolutionnews.org accessed 2/23/2017).
- . 2017l. “Coverage of Evolution Debate Shows Mainstream Media are Purveyors of ‘Fake News’.” *The Stream* 26 February posting (online text at stream.org accessed 3/6/2017).
- . 2017m. “Bill Nye the World-Saving, Comedy-Monologue-Delivering, Model-Schmoozing, Pop-Psychologizing Guy.” Discovery Institute *Evolution News & Views* 28 February posting (online text at evolutionnews.org accessed 3/13/2017).
- . 2017n. “The Envelope, Please? Doug Axe and *Undeniable* Are *World Magazine* 2016 Science Book of the Year!” Discovery Institute *Evolution News & Views* 3 March posting (online text at evolutionnews.org accessed 3/13/2017).
- . 2017o. “Evolution in Action? The End of the Woolly Mammoth.” Discovery Institute *Evolution News & Views* 3 March posting (online text at evolutionnews.org accessed 3/13/2017).
- . 2017p. “Tom Bethell on a ‘Self-Defeating’ Complaint about Human Exceptionalism.” Discovery Institute *Evolution News & Views* 5 March posting (online text at evolutionnews.org accessed 3/13/2017).
- . 2017q. “Lonely Planet—Metaxas on the TRAPPIST-1 System.” Discovery Institute *Evolution News & Science Today* 9 March posting (online text at evolutionnews.org accessed 3/16/2017).
- . 2017r. “‘Darwin’s Dice’—Michael Flannery on the Role of Chance in Darwinian Evolution.” Discovery Institute *Evolution News & Science Today* 11 March posting (online text at evolutionnews.org accessed 3/16/2017).
- . 2017s. “Middlebury College, Academic Freedom Laws—Assessing the Future of Intellectual Freedom.” Discovery Institute *Evolution News & Science Today* 15 March posting (online text at evolutionnews.org accessed 4/9/2017).
- . 2017t. “Oxford’s Denis Noble Advocates ‘Fundamental Revision’ in ‘Reductionist ... Neo-Darwinism.’” Discovery Institute *Evolution News & Science Today* 18 March posting (online text at evolutionnews.org accessed 4/9/2017).
- . 2017u. “Astrophysicist Adam Frank: Materialism’s Fatal Flaw Is ... Matter.” Discovery Institute *Evolution News & Science Today* 19 March posting (online text at evolutionnews.org accessed 4/9/2017).
- . 2017v. “Evolution Proponents: Try Rewriting This Video Without the Teleological Language.” Discovery Institute *Evolution News & Science Today* 30 March posting (online text at evolutionnews.org accessed 4/9/2017).
- . 2017w. “March for Science Is Going to Be a Hell of a Mess—Bring It On.” Discovery Institute *Evolution News & Science Today* 5 April posting (online text at evolutionnews.org accessed 4/9/2017).
- . 2017x. “‘The Music of Humanity’.” Discovery Institute *Evolution News & Science Today* 7 April posting (online text at evolutionnews.org accessed 4/16/2017).
- . 2017y. “March for Science or March for Scientism? Discovery Institute Joins Heritage Foundation, April 19.” Discovery Institute *Evolution News & Science Today* 7 April posting (online text at evolutionnews.org accessed 4/16/2017).
- . 2017z. “Jay Richards: ‘Who Designed the Designer?’” Discovery Institute *Evolution News & Science Today* 9 April posting (online text at evolutionnews.org accessed 4/16/2017).
- . 2017aa. “Jonathan Wells and *Zombie Science*, Out Today, Could Not be Timelier.” Discovery Institute *Evolution News & Science Today* 18 April posting (online text at evolutionnews.org accessed 4/30/2017).

- . 2017ab. “Science March Massively Confuses Science with Politics.” Discovery Institute *Evolution News & Science Today* 23 April posting (online text at evolutionnews.org accessed 4/30/2017).
- . 2017ac. “Science as Cargo Cult—More Thoughts on the ‘March for Science’.” Discovery Institute *Evolution News & Science Today* 24 April posting (online text at evolutionnews.org accessed 5/7/2017).
- . 2017ad. “Bill Nye ‘Saves the World’—It Gets Worse.” Discovery Institute *Evolution News & Science Today* 26 April posting (online text at evolutionnews.org accessed 5/15/2017).
- . 2017ae. “Postscript on Bill Nye and ‘Extra’ People.” Discovery Institute *Evolution News & Science Today* 28 April posting (online text at evolutionnews.org accessed 5/7/2017).
- . 2017af. “Streaming from São Paulo, Launch of Brazil ID Center Was a Great Success!” Discovery Institute *Evolution News & Science Today* 7 May posting (online text at evolutionnews.org accessed 5/15/2017).
- . 2017ag. “Reviewing *Zombie Science*, Sean McDowell Asks the Toughest Question About Evolutionary Icons.” Discovery Institute *Evolution News & Science Today* 9 May posting (online text at evolutionnews.org accessed 5/15/2017).
- . 2017ah. “Intelligent Design Shines in Brazil—More from Discovery Institute-Mackenzie Launch.” Discovery Institute *Evolution News & Science Today* 16 May posting (online text at evolutionnews.org accessed 5/18/2017).
- . 2017ai. “Ladybug, Living Origami, Lends a Hand with Umbrella and Other Designs.” Discovery Institute *Evolution News & Science Today* 19 May posting (online text at evolutionnews.org accessed 5/20/2017).
- . 2017aj. “A ‘Nachos and Ice Cream’ Theory of Evolution.” Discovery Institute *Evolution News & Science Today* 21 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017ak. “A Cold Spot in Space—‘Evidence’ of a Multiverse?” Discovery Institute *Evolution News & Science Today* 22 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017al. “Correcting Disinformation on Academic Freedom Legislation.” Discovery Institute *Evolution News & Science Today* 22 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017am. “Jonathan Wells, Author of *Zombie Science*: Fossil Finds Only Confuse Human Origins.” Discovery Institute *Evolution News & Science Today* 23 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017an. “Dawkins Successor Gives a Second Thought to God.” Discovery Institute *Evolution News & Science Today* 24 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017ao. “See It: Axe, Behe, Miller in São Paulo for the Launch of Discovery-Mackenzie.” Discovery Institute *Evolution News & Science Today* 31 May posting (online text at evolutionnews.org accessed 6/5/2017).
- . 2017ap. “‘In China We Can Criticize Darwin,’ Continued.” Discovery Institute *Evolution News & Science Today* for 5 June (online text at evolutionnews.org accessed 6/24/2017).
- . 2017aq. “Jordan Peterson—Advice for University Students.” Discovery Institute *Evolution News & Science Today* for 6 June (online text at evolutionnews.org accessed 6/24/2017).
- . 2017ar. “Smart People Are Less Able to Detect Their Own Bias—Evolutionary Psychologist.” Discovery Institute *Evolution News & Science Today* for 6 June (online text at evolutionnews.org accessed 6/24/2017).
- . 2017as. “Falsify Intelligent Design? Try Simulating the Cambrian Explosion Digitally.” Discovery Institute *Evolution News & Science Today* for 7 June (online text at evolutionnews.org accessed 6/24/2017).
- . 2017at. “Another Day, Another ‘Rewrite’ on Human Origins.” Discovery Institute *Evolution News & Science Today* for 8 June (online text at evolutionnews.org accessed 6/24/2017).

- . 2017au. “Journalist Sam Tanengaus Assails Conservatives on Science.” Discovery Institute *Evolution News & Science Today* for 9 June (online text at *evolutionnews.org* accessed 6/24/2017).
- . 2017av. “Robert Marks on Computer Evolutionary Simulations, Science and Faith, the Limits of Artificial Intelligence, and More.” Discovery Institute *Evolution News & Science Today* for 12 June (online text at *evolutionnews.org* accessed 6/24/2017).
- . 2017aw. “Evolutionary Biologist Backs Off from Computer Simulations.” Discovery Institute *Evolution News & Science Today* 15 June posting (online text at *evolutionnews.org* accessed 6/15/2017).
- . 2017ax. “On Human Fire Use, Anthropologists Miss the Point.” Discovery Institute *Evolution News & Science Today* 16 June posting (online text at *evolutionnews.org* accessed 6/18/2017).
- . 2017ay. “CNN: National Center for Science Education ‘Promotes Science Over Ideology’, What!?” Discovery Institute *Evolution News & Science Today* for 17 June (online text at *evolutionnews.org* accessed 6/24/2017).
- . 2017az. “Dan Graur, Darwin’s Reactionary.” Discovery Institute *Evolution News & Science Today* for 21 June (online text at *evolutionnews.org* accessed 7/28/2017).
- . 2017ba. “Scott Turner’s *Purpose and Desire*—An Important New Voice in the Evolution Debate.” Discovery Institute *Evolution News & Science Today* for 27 June (online text at *evolutionnews.org* accessed 6/7/2017).
- . 2017bb. “No, Your Dog Is Not a Barking Exemplar of Macroevolution.” Discovery Institute *Evolution News & Science Today* for 30 June (online text at *evolutionnews.org* accessed 6/30/2017).
- . 2017bc. “Test Your Evolutionary Storytelling Skills.” Discovery Institute *Evolution News & Science Today* for 13 July (online text at *evolutionnews.org* accessed 7/13/2017).
- . 2017bd. “For Culturally Illiterate Science Reporters, Canaanite DNA Yields Occasion to Slap Bible Around.” Discovery Institute *Evolution News & Science Today* for 29 July (online text at *evolutionnews.org* accessed 7/30/2017).
- Klobutcher, Lawrence A., & Philip J. Farabaugh.** 2002. “Shifty Ciliates: Frequent Programmed Translational Frameshifting in Euplotids.” *Cell* **111** (13 December): 763-766.
- Klopper, Tobias H., C. Nickias Kienle, & Dirk Fasshauer.** 2008. “SNAREing the Basis of Multicellularity: Consequences of Protein Family Expansion during Evolution.” *Molecular Biology and Evolution* **25** (September): 2055-2068.
- Klopper, Tobias, Nickias Kienle, Dirk Fasshauer, & Sean Munro.** 2012. “Untangling the evolution of Rab G proteins: implications of a comprehensive genomic analysis.” *BMC Biology* (online @ *biomedcentral.com*) **10** (8 August): 71.
- Klompaker, Adiël A., Carrie E. Schweitzer, Rodney M. Feldman, & Michael Kowalewski.** 2013. “The influence of reefs on the rise of Mesozoic marine crustaceans.” *Geology* **41** (November): 1179-1182.
- Kloor, Keith.** 2010a. “Giving Back the Bones.” *Science* **330** (8 October): 166.
- . 2010b. “Walking in Two Worlds.” *Science* **330** (8 October): 168-169.
- Klose, Karl E., & John J. Mekalanos.** 1998. “Differential Regulation of Multiple Flagellins in *Vibrio cholerae*.” *Journal of Bacteriology* **180** (January, No. 2): 303-316.
- Klosin, Adam, Eduard Casas, Cristina Hidalgo-Carcedo, Tanya Vavouri, & Ben Lehner.** 2017. “Transgenerational transmission of environmental information in *C. elegans*.” *Science* **356** (21 April): 320-323.
- Klotz, Catherine, Marie-Christine Dabauvalle, Michel Paintrand, Thomas Weber, Michel Bornens, & Eric Karsenti.** 1990. “Parthenogenesis in *Xenopus* Eggs Requires Centrosome Integrity.” *The Journal of Cell Biology* (AKA *The Journal of Biophysics and Biochemical Cytology*) **110** (February): 405-415.
- Klotz, Francis W., Palmer A. Orlandi, Gerd Reuter, Stuart J. Cohen, J. David Haynes, Roland Schauer, Russell J. Howard, Peter Palese, & Louis H. Miller.** 1992. “Binding of *Plasmodium falciparum* 175-kilodalton erythrocyte binding antigen and invasion of murine erythrocytes requires *N*-acetylneuraminic acid but not its *O*-acetylated form.”

- Molecular & Biochemical Parasitology* **51** (March): 49-54.
- Klucharev, Vasily, Moniek A. M. Munneke, Ale Smidts, & Guillén Fernández.** 2011. "Downregulation of the Posterior Medial Frontal Cortex Prevents Social Conformity." *The Journal of Neuroscience* **31** (17 August): 11934-11940.
- Klucharev, Vasily, Ale Smidts, & Guillén Fernández.** 2008. "Brain mechanisms of persuasion: how 'expert power' modulates memory and attitudes." *Social Cognitive & Affective Neuroscience* **3** (December): 353-366.
- Klug, Christian.** 2001. "Functional morphology and taphonomy of nautiloid beaks from the Middle Triassic of southern Germany." *Acta Palaeontologica Polonica* **46** (1): 43-68.
- . 2007. "Sublethal injuries in Early Devonian cephalopod shells from Morocco." *Acta Palaeontologica Polonica* **52** (4): 749-759.
- Klug, Christian, & Walter Etter,** eds. 2014. *Field Guide to the Excursions: Fossilagerstätten of the Southern German Jurassic, Mesozoic Ammonid Localities of Switzerland and Eastern France*. Zurich: Paläontologisches Institute und Museum Universität Zürich.
- Klug, Christian, & Dieter Korn.** 2004. "The origin of ammonoid locomotion." *Acta Palaeontologica Polonica* **49** (2): 235-242.
- Kluge, Arnold G.** 1985. "Ontogeny and phylogenetic systematics." *Cladistics* **1** (January): 13-27.
- Kluger, Jeffrey.** 2012. "Legal Smackdown: NASA, Religion and Intelligent Design." *TimeScienceposting* 19 March: online text accessed 3/23/2012 (www.time.com).
- Klukowski, Kenneth A.** 2013. "In Whose Name We Pray: Restoring the Establishment Clause in Town of Greece v. Galloway." *The Federalist Society for Law and Public Policy Studies Engage* **14** (October): online text accessed 4/10/2014 (www.fed-soc.org).
- Klukowski, Kenneth A., Robert B. Aderholt, Michele Bachmann, Andy Barr, Kerry L. Bentivolio, Gus M. Bilirakis, Rob Bishop, Diane Black, Marsha Blackburn, Kevin Brady, Jim Bridenstine, Mo Brooks, Paul C. Broun, Tom Cole, Chris Collins, Doug Collins, K. Michael Conaway, Kevin Cramer, John A. Culberson, Don DeSantis, Jeff Duncan, Blake Farenthold, Steohen Fincher, Chuck Fleischmann, John Fleming, Bill Flores, J. Randy Forbes, Jeff Fortenberry, Virginia Foxx, Trent Franks, Scott Garrett, P_hil Gingrey, Louie Gohmert, Bob Goodlatte, Tim Griffin, Gregg Harper, Andy Harris, Vicky Hartzler, Jeb Hensarling, Richard Hudson, Tim Huelskamp, Randy Hultgren, Bill Johnson, Sam Johnson, Walter B. Jones, Jim Jordan, Mike Kelly, John Kline, Doug LaMalfa, Doug Lamborn, James Lankford, Robert E. Latta, Bill Long, Mike McIntyre, Mark Meadows, Luke Messer, Jeff Miller, Markwayne Mullin, Randy Neugebauer, Kristi Noem, Alan Nunnelee, Pete Olson, Steven Palazzo, Stevan Pearce, Robert Pittenger, Joseph R. Pitts, Ted Poe, Mike Pompeo, Bill Posey, Tom Price, Tom Reed, Phil Roe, Todd Rokita, Keith Rothfus, Matt Salmon, Steve Scalise, Austin Scott, Adrian Smith, Steve Southerland, Michael R. Turner, Tim Walberg, Daniel Webster, Brad Wenstrup, Lynn Westmoreland, Joe Wilson, & Rob Woodall.** 2013. Brief *Amicus Curiae* for Members of Congress (2 August) re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf via www.oyez.org accessed 4/9/2014).
- Klump, Barbara C., Shoko Sugawawa, James J. H. St Clair, & Christian Rutz.** 2015. "Hook tool manufacture in New Caledonian crows: behavioural variation and the influence of raw materials." *BMC Biology* (online @ biomedcentral.com) **13** (18 November): 97.
- Klussmann, Martin, Toshiko Izumi, Andrew J. P. White, Alan Armstrong, & Donna G. Blackmond.** 2007. "Emergence of Solution-Phase Homochirality via Crystal Engineering of Amino Acids." *Journal of the American Chemical Society* **129** (20 June): 7657-7660.
- Kluwe, Christien, & Andrew D. Ellington.** 2010. "RNA GPS." *Science* **330** (15 October): 330-333.
- Klymkowsky, Mike.** 2017. "Go ahead and 'teach the controversy:' it is the best way to defend science." *PLOS BLOG* 24 May posting (online text at blogs.plos.org accessed 6/9/2017).
- Kmita, Marie, Nadine Fraudeau, Yann Héroult, & Denis Duboule.** 2002. "Serial deletions and duplications suggest a mechanism for the collinearity of *Hoxd* genes in limbs." *Nature*

- 420 (14 November): 145-150.
- Knapp, Leslie A.** 2005. "The ABCs of MHC." *Evolutionary Anthropology* **14** (February): 28-37.
- Knapp, Michael, K. Ann Horsburgh, Stefan Prost, Jo-Ann Stanton, Hallie R. Buckley, Richard K. Walter, & Elizabeth A. Matisoo-Smith.** 2012. "Complete mitochondrial DNA genome sequences from the first New Zealanders." *Proceedings of the National Academy of Sciences* **109** (6 November): 18350-18354.
- Knapton, Sarah.** 2014. "Scientists: Noah's Ark Would Have Floated With 70,000 Animals If Built By Dimensions In The Bible." *Business Insider* 3 April posting (online text at www.businessinsider.com accessed 6/8/2016).
- Knaub, Clete.** 1982. "Molecular Evolution?" Institute for Creation Research *Acts & Facts* (November) posting (online text at icr.org accessed 12/17/2009).
- Knauff, Marcus, Thomas Fangmeier, Christian C. Ruff, & P. N. Johnson-Laird.** 2003. "Reasoning, Models, and Images: Behavioral Measures and Cortical Activity." *Journal of Cognitive Neuroscience* **15** (May): 559-573.
- Knauff, Marcus, Michael Pauen, Natalie Sebanz, & Ipke Wachsmuth,** eds. 2013. *Proceedings of the 35th Annual Conference of the Cognitive Society*. Berlin (31 July-3 August). Austin, TX: Cognitive Science Society.
- Knauth, L. Paul.** 2006. "Oxygen or what?" *Nature* **442** (24 August): 873.
- Knauth, L. Paul, & Martin J. Kennedy.** 2009. "The late Precambrian greening of the Earth." *Nature* **460** (6 August): 728-732.
- Knauth, L. Paul, & Donald R. Lowe.** 2003. "High Archean climatic temperature inferred from oxygen isotope geochemistry of cherts in the 3.5 Ga Swaziland Supergroup, South Africa." *The Geological Society of America GSA Bulletin* **115** (May): 566-580.
- Knecht, Heidi.** 1994. "Late Ice Age Hunting Technology." *Scientific American* **271** (July): 82-87.
- Knecht, Richard J., Michael S. Engel, & Jacob S. Benner.** 2011. "Late Carboniferous paleoichnology reveals the oldest full-body impression of a flying insect." *Proceedings of the National Academy of Sciences* **108** (19 April): 6515-6519.
- Kneip, Christoph, Christine Voß, Peter J. Lockhart, & Uwe G. Maier.** 2008. "The cyanobacterial endosymbiont of the unicellular algae *Rhopalodia gibba* shows reductive genome evolution." *BMC Evolutionary Biology* (online @ biomedcentral.com) **8** (28 January): 30.
- Knell, Robert J., Darren Naish, Joseph L. Tomkins, & David W. E. Hone.** 2013a. "Sexual selection in prehistoric animals: detection and implications." *Trends in Ecology & Evolution* **28** (January): 38-47.
- . 2013b. "Is sexual selection defined by dimorphism alone? A reply to Padian and Horner." *Trends in Ecology & Evolution* **28** (May): 250-251.
- Knesel, Kurt M., Benjamin E. Cohen, Paulo M. Vasconcelos, & David S. Thiede.** 2008. "Rapid change in drift of the Australian plate records collision with Ontong Java plateau." *Nature* **454** (7 August): 754-757.
- Kneubühler, J., H. Joerg, F. Ménétrey, C. Hagger, & G. Stranzinger.** 2003. "New data on the effects of the rob(1;29) centric fusion in dairy cattle." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **102** (1-4): 361.
- Knibbe, Carole, Antoine Coulon, Olivier Mazet, Jean-Michel Fayard, & Guillaume Beslon.** 2007. "A Long-Term Evolutionary Pressure on the Amount of Noncoding DNA." *Molecular Biology and Evolution* **24** (October): 2344-2353.
- Knight, Cameron.** 2017. "Creation Museum researcher sues federal government." *Cincinnati Enquirer* posting 11 May: online text accessed 5/12/2017 (www.cincinnati.com).
- Knight, Charles A., Nicole A. Molinari, & Dmitri A. Petrov.** 2005. "The Large Genome Constraint Hypothesis: Evolution, Ecology and Phenotype." *Annals of Botany* **95** (January): 177-190.
- Knight, David.** 2013. "Computer Scientists 'Prove' God Exists." *SPIEGEL* 27 October posting (online text at abcnews.go.com accessed 10/30/2013).

- Knight, David C.**, ed. 1969. *The ESP Reader*. New York: Grosset & Dunlap.
- Knight, James.** 1931. "Demon-Possession: Scriptural and Modern." *Journal of the Transactions of the Victoria Institute (AKA Faith and Thought)* **63**: 114-153.
- Knight, Jonathan.** 2002. "All genomes great and small." *Nature* **417** (23 May): 374-376.
- Knight, Kathryn.** 2014. "Parasitic fig wasps bore with zinc-tipped drill bit." *The Journal of Experimental Biology* **217** (1 June): 1833.
- Knight, Nicola, Paulo Sousa, Justin L. Barrett, & Scott Atran.** 2004. "Children's attributions of beliefs to humans and God: cross-cultural evidence." *Cognitive Science* **28** (January/February): 117-126.
- Knight, Rob.** 2008. "Disentangling the genetic code," in Benton (2008a, 110-112).
- Knight, Robert H., & Peter LaBarbera.** 2001. "Spitzer Forced to Cancel Appearance to Discuss His Ex-'Gay' Study." Culture and Family *CFI Report* 18 May posting (online text at cultureandfamily.org accessed 9/24/2001).
- Knight, Robin D., Stephen J. Freeland, & Laura F. Landweber.** 1999. "Selection, history and chemistry: the three faces of the genetic code." *Trends in Biochemical Sciences* **24** (June): 241-247.
- . 2001. "Rewiring the keyboard: Evolvability of the genetic code." *Nature Reviews Genetics* **2** (January): 49-58.
- Knight, Robin D., & Laura F. Landweber.** 2000. "The Early Evolution of the Genetic Code." *Cell* **101** (9 June): 569-572.
- Knight, Terrell K., P. Sean Bingham, Ronald D. Lewis, & Charles E. Savrda.** 2011. "Feathers of the Ingersoll Shale, Eutaw Formation (Upper Cretaceous), Eastern Alabama: The Largest Collection of Feathers from North American Mesozoic Rocks." *Palaios* **26** (June): 364-376.
- Knobloch, Irving W.** 1972. "Intergenic hybridization in flowering plants." *Taxon* **21** (February): 97-103.
- Knoch, Daria, Alvaro Pascual-Leone, Kaspar Meyer, Valerie Treyer, & Ernst Fehr.** 2006. "Diminishing Reciprocal Fairness by Disrupting the Right Prefrontal Cortex." *Science* **314** (3 November): 829-832.
- Knoch, Daria, Frédéric Schneider, Daniel Schunk, Martin Hohmann, & Ernst Fehr.** 2009. "Disrupting the prefrontal cortex diminishes the human ability to build a good reputation." *Proceedings of the National Academy of Sciences* **106** (8 December): 20895-20899.
- Knoetgen, Hendrik, Christoph Viebahn, & Michael Kessel.** 1999. "Head induction in the chick by primitive endoderm of mammalian, but not avian origin." *Development (AKA Journal of Embryology and Experimental Morphology)* **126** (15 February): 815-825.
- Knoll, Andrew H.** 1994. "Proterozoic and Early Cambrian protists: Evidence for accelerating evolutionary tempo." *Proceedings of the National Academy of Sciences* **91** (19 July): 6743-6750.
- . 1999. "A New Molecular Window on Early Life." *Science* **285** (13 August): 1025-1026.
- . 2000. "Learning to tell Neoproterozoic time." *Precambrian Research* **100** (March): 3-20.
- . 2003. *Life on a Young Planet: The First Three Billion Years of Evolution on Earth*. Princeton, NJ: Princeton University Press.
- . 2012. "Lynn Margulis, 1938-2011." *Proceedings of the National Academy of Sciences* **109** (24 January): 1022.
- . 2014. "Paleobiological Perspectives on Early Eukaryotic Evolution." *Cold Spring Harbor Perspectives in Biology* **6** (January): a016121.
- Knoll, A. H., R. K. Bambach, D. E. Canfield, & J. P. Grotzinger.** 1996. "Comparative Earth History and Late Permian Mass Extinction." *Science* **273** (26 July): 452-457.
- Knoll, Andrew H., & Sean B. Carroll.** 1999. "Early Animal Evolution: Emerging Views from Comparative Biology and Geology." *Science* **284** (25 June): 2129-2137.
- Knoll, A. H., E. J. Javaux, D. Hewitt, & P. Cohen.** 2006. "Eukaryotic organisms in Proterozoic oceans." *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (June): 1023-1038.
- Knoll, Andrew H., & Martin A. Nowak.** 2017. "The timetable of evolution." *Science Advances*

- 3 (17 May): e1603076 (online at *sciencemag.org*).
- Knoll, Andrew H., & Erik A. Sperling.** 2014. "Oxygen and animals in Earth history." *Proceedings of the National Academy of Sciences* **111** (18 March): 3907-3908.
- Knoll, Andrew H., Malcolm R. Walter, Guy M. Narbonne, & Nicholas Christie-Blick.** 2004. "A New Period for the Geologic Time Scale." *Science* **305** (30 July): 621-622.
- . 2006. "The Ediacaran Period: A New Addition to the Geologic Time Scale." *Lethaia* **39** (March): 13-30.
- Knopp, T., & J. Merilä.** 2008. "The postglacial recolonization of northern Europe by *Rana arvalis* as revealed by microsatellite and mitochondrial DNA analyses." *Heredity* **102** (February): 174-181.
- Knops, André, Bertrand Thirion, Edward M. Hubbard, Vincent Michel, & Stanislas Dehaene.** 2009. "Recruitment of an Area Involved in Eye Movements During Mental Arithmetic." *Science* **324** (19 June): 1583-1585.
- Knott, Alistair.** 2003. "Do sensorimotor processes have reflexes in sentence syntax as well as sentence semantics?" *Behavioral and Brain Sciences* **26** (3): 294-295.
- Knott, K. Emily, & Gregory A. Wray.** 2000. "Controversy and consensus in Asteroid systematics: New insights to ordinal and familial relationships." *Integrative and Comparative Biology* (AKA *American Zoologist*) **40** (June): 382-392.
- Knowles, David.** 2010. "Texas Yanks Thomas Jefferson From Teaching Standard." *AOL News* posting 12 March (online text at *aolnews.com* accessed 3/13/2010).
- Knowles, David G., & Aoife McLysaght.** 2009. "Recent de novo origin of human protein-coding genes." *Genome Research* **19** (October): 1752-1759.
- Knowles, L. Lacey.** 2008. "Why Does a Method That Fails Continue to be Used?" *Evolution* **62** (November): 2713-2717.
- Knox, Eric B.** 2014. "The dynamic history of plastid genomes in the Campanulaceae *sensu lato* is unique among angiosperms." *Proceedings of the National Academy of Sciences* **111** (29 July): 10997-11102.
- Knox, Kirstin, & Julie C. Baker.** 2008. "Genomic evolution of the placenta using co-option and duplication and divergence." *Genome Research* **18** (May): 695-705.
- Knox, Ron, & Eric Weslander.** 2005. "Mirecki hospitalized after beating." *Lawrence Journal-World* (Kansas) posting 5 December: online text accessed 8/3/2013 (*www2.ljworld.com*).
- Knox, Scott L.** 2013. Brief *Amicus Curiae* re: *Town of Greece v. Susan Galloway and Linda Stephens* (online pdf at *www.americanbar.org* accessed 4/13/2014).
- Knudsen, Eric I.** 2002. "Instructed learning in the auditory localization pathway of the barn owl." *Nature* **417** (16 May): 322-328.
- Knudsen, Rune, Anders Klemetsen, Per-Arne Amundsen, & Bjørn Hermansen.** 2006. "Incipient speciation through niche expansion: an example from the Arctic charr in a subarctic lake." *Proceedings of the Royal Society of London B* (Biological Sciences) **273** (22 September): 2291-2298.
- Kobayashi, K., S. D. Ehrlich, A. Albertini, G. Amati, K. K. Anderson, M. Arnaud, K. Asai, S. Ashikaga, S. Aymerich, P. Bessieres, F. Boland, S. C. Brignell, S. Bron, K. Bunai, J. Chapuis, L. C. Christiansen, A. Danchin, M. Débarbouillé, E. Dervyn, E. Deuerling, K. Devine, S. K. Devine, O. Dreesen, J. Errington, S. Fillinger, S. J. Foster, Y. Fujita, A. Galizzi, R. Gardan, C. Eschevins, T. Fukushima, K. Haga, C. R. Harwood, M. Hecker, D. Hosoya, M. F. Hullo, H. Kakeshita, D. Karamata, Y. Kasahara, F. Kawamura, K. Koga, P. Koski, R. Kuwana, D. Imamura, M. Ishimaru, S. Ishikawa, I. Ishio, D. Le Coq, A. Masson, C. Mauël, R. Meima, R. P. Mellado, A. Moir, S. Moriya, E. Nagakawa, H. Nanamiya, S. Nakai, P. Nygaard, M. Ogura, T. Ohanan, M. O'Reilly, M. O'Rourke, Z. Pragai, H. M. Pooley, G. Rapoport, J. P. Rawlins, L. A. Rivas, C. Rivolta, A. Sadaie, Y. Sadaie, M. Sarvas, T. Sato, H. H. Saxild, E. Scanlon, W. Schumann, J. F. M. L. Seegers, J. Sekiguchi, A. Sekowska, S. J. Sérór, M. Simon, P. Stragier, R. Studer, H. Takamatsu, T. Tanaka, M. Takeuchi, H. B. Thomaidis, V. Vagner, J. M. van Dijn, K. Watabe, A. Wipat, H. Yamamoto, M. Yamamoto, Y. Yamamoto, K. Yamane, K. Yata, K. Yoshida, H. Yoshikawa, U. Zuber, & N.**

- Ogasawara.** 2003. “Essential *Bacillus subtilis* genes.” *Proceedings of the National Academy of Sciences* **100** (15 April): 4678-4683.
- Kobayashi, Kensei, Takeo Kaneko, Takeshi Saito, & Tairo Oshima.** 1998. “Amino Acid Formation in Gas Mixtures by High Energy Particle Irradiation.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **28** (April): 155-165.
- Kobayashi, Kensei, Masahiko Tsuchiya, Tairo Oshima, & Hiroshi Yanagawa.** 1990. “Abiotic Synthesis of Amino Acids and Imidazole by Proton Irradiation of Simulated Primitive Earth Atmospheres.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **20** (March): 99-109.
- Kobayashi, Teiichi, & Takashi Hamada.** 1977. “Devonian Trilobites of Japan in Comparison with Asian, Pacific and Other Faunas.” *Palaeontological Society of Japan Special Papers* **20** (31 January): 1-202.
- Kober, Gladys, Susan Benecchi, Paula Gossard, with Ashley Zauderer.** 2015. *The Crossroads of Science and Faith: Astronomy Through a Christian Worldview. Glimpse of His Splendor* (www.glimpseofhissplendor.com).
- Kober, Hedy, Peter Mende-Siedlecki, Ethan F. Kross, Jochen Weber, Walter Mischel, Carl L. Hart, & Kevin N. Ochsner.** 2010. “Prefrontal-striatal pathway underlies cognitive regulation of craving.” *Proceedings of the National Academy of Sciences* **107** (17 August): 14811-14816.
- Koch, Adina.** 2001. “Training in Metacognition and Comprehension of Physics Texts.” *Science Education* **85** (November): 758-768.
- Koch, Alexander M., Gerrit Kuhn, Pierre Fontanillas, Luca Fumagalli, Jérôme Goudet, & Ian R. Sanders.** 2004. “High genetic variability and low local diversity in a population of arbuscular mycorrhizal fungi.” *Proceedings of the National Academy of Sciences* **101** (24 February): 2369-2374.
- Koch, Arthur L.** 2000. “The Bacterium’s Way for Safe Enlargement and Division.” *Applied and Environmental Microbiology* **66** (September): 3657-3663.
- Koch, Christof.** 1997. “Computation and the single neuron.” *Nature* **385** (16 January): 207-210.
- . 2004. “Qualia.” *Current Biology* **14** (13 July): R496.
- . 2011. “Think Different.” *Scientific American Mind* **21** (January/February): 16-17.
- . 2012a. “How Physics and Neuroscience Dictate Your ‘Free’ Will.” *Scientific American Mind* (May): online text accessed 6/20/2012 (scientificamerican.com).
- . 2012b. “Modular Biological Complexity.” *Science* **337** (3 August): 531-532.
- Koch, Ehrich L., & Sheila A. Bjorklund.** 2000. “DEFENDANTS’ MEMORANDUM OF LAW IN SUPPORT OF MOTION FOR SUMMARY JUDGMENT” re: *Rodney LeVake v. Independent School District #656 et al.* (online pdf via ncse.com accessed 2/2/2014).
- Koch, Marcus A., Christoph Dobe, & Thomas Mitchell-Olds.** 2003. “Multiple Hybrid Formation in Natural Populations: Concerted Evolution of the Internal Transcribed Spacer of Nuclear Ribosomal DNA (ITS) in North American *Arabis divaricarpa* (Brassicaceae).” *Molecular Biology and Evolution* **20** (March): 338-350.
- Koch, Marion, Katherine E. Wright, Oliver Otto, Maik Herbig, Nichole D. Salinas, Niraj H. Tolia, Timothy J. Satchwell, Jochen Guck, Nicholas J. Brooks, & Jake Baum.** 2017. “*Plasmodium falciparum* erythrocyte-binding antigen 175 triggers a biophysical change in the red blood cell that facilitates invasion.” *Proceedings of the National Academy of Sciences* **114** (18 April): 4225-4230.
- Kochhar, H. P. S., K. B. C. Appa Rao, A. M. Luciano, S. M. Totey, F. Gandolfi, P. K. Basur, & W. A. King.** 2002. “In vitro production of cattle-water buffalo (*Bos taurus*—*Bubalus bubalis*) hybrid embryos.” *Zygote* **10** (May): 155-162.
- Kocot, Kevin M., Johanna T. Cannon, Christiane Todt, Mathew R. Citerella, Andrea B. Kohn, Achim Meyer, Scott R. Santos, Christopher Schander, Leonid L. Moroz, Bernhard Lieb, & Kenneth M. Halanych.** 2011. “Phylogenomics reveals deep molluscan relationships.” *Nature* **477** (22 September): 452-456.
- Kocsis, Sacha, Boris Braverman, Sylvain Ravets, Martin J. Stevens, Richard P. Mirin, L. Krister Shalm, & Asphraim M. Steinberg.** 2011. “Observing the Average Trajectories

- of Single Photons in a Two-Slit Interferometer.” *Science* **332** (3 June): 1170-1173.
- Koe, Richard.** 2000. “College teacher in Bend fired over creationist views.” *Christian News Northwest* April posting (online text at cnw.com accessed 6/5/2001, not available as of 1/23/2014).
- Koerberl, Christian.** 2003. “The Late Heavy Bombardment in the Inner Solar System: Is There Any Connection to Kuiper Belt Objects?” *Earth, Moon and Planets* **92**: 79-87.
- Koebler, Jason.** 2014. “Why Scientists Think Completely Unclassifiable and Undiscovered Life Forms Exist.” *Motherboard* 7 November posting (online text at motherboard.vice.com accessed 7/22/2015).
- Koehlin, Etienne, Chrystèle Ody, & Frédérique Kouneiher.** 2003. “The Architecture of Cognitive Control in the Human Prefrontal Cortex.” *Science* **302** (14 November): 1181-1185.
- Koehl, Andrew.** 2014. “Implicitly Grounded Beliefs.” *Journal of Cognition and Neuroethics* **2** (April): 13-36.
- Koehl, M. A. R., Dennis Evangelista, & Karen Yang.** 2011. “Using Physical Models to Study the Gliding Performance of Extinct Animals.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **51** (December): 1002-1018.
- Koehler, Kenneth R.** 1996. “Coulomb Force.” College Physics for Students of Biology and Chemistry (University of Cincinnati Raymond Walters College) posting (online text at www.rwc.uc.edu accessed 12/30/2010).
- Koehler, Peter A., & R. Scott Anderson.** 1994. “Full-Glacial Shoreline Vegetation During the Maximum Highstand of Owens Lake, California.” *Great Basin Naturalist* **54** (2): 142-149.
- Koehler, Steve.** 2006. “Missouri State University settles former student’s lawsuit.” *Jews On First!* posting of 9 November *Springfield News-Leader* article (online text at www.jewsonfirst.org accessed 9/23/2014).
- Koekkoek, S. K. E., H. C. Hulscher, B. R. Dortland, R. A. Hensbroek, Y. Elgersma, T. J. H. Ruigrok, & C. I. De Zeeuw.** 2003. “Cerebellar LTD and Learning-Dependent Timing of Conditioned Eyelid Responses.” *Science* **301** (19 September): 1736-1739.
- Koelsch, Stefan.** 2010. “Towards a neural basis of music-evoked emotions.” *Trends in Cognitive Sciences* **14** (March): 131-137.
- Koelsch, Stefan, Martin Rohrmeier, Renzo Torrecuso, & Sebastian Jentschke.** 2013. “Processing of hierarchical syntactic structure in music.” *Proceedings of the National Academy of Sciences* **110** (17 September): 15443-15448.
- Koene, Bart.** 1995. “‘Sons of Light’: A Visit to the Sixth European Creationist Congress.” *The TalkOrigins Archive* undated posting (online text at talkorigins.org accessed 12/12/2012).
- Koenig, Andreas, Clara J. Scarry, Brandon C. Wheeler, & Carola Borries.** 2013. “Variation in grouping patterns, mating systems and social structure: what socio-ecological models attempt to explain.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **368** (19 May): 20120348.
- Koenig, Andrew.** 2015. “House Bill No. 486.” Missouri House of Representatives legislative posting (online pdf at www.house.mo.gov accessed 1/16/2015).
- Koenig, Andrew, Kurt Bahr, Galen Higdon, Doug Funderburk, Paul Curtman, Rick Brattin, David Wood, Steve Cookson, Charlie Davis, Joe Don McGaugh, & Scott Fitzpatrick.** 2013. “House Bill No. 179.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 2/16/2013).
- Koenig, Andrew, Rick Brattin, Donna Lichtenegger, Kurt Bahr, Galen Higdon, Sandy Crawford, & Paul Wieland.** 2014. “House Bill No. 1587.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 2/1/2014).
- Koenig, Andrew, Doug Funderburk, Kurt Bahr, Charlie Davis, Bill Reibolt, Thomas Long, Dwight Scharnhorst, Shane Schoelle, Kathie Conway, Chuck Gatschenberger, Darrell Pollack, Rick Stream, Rodney Schad, & David Sater.** 2011. “House Bill No. 195.” Missouri House of Representatives legislative posting (online text at www.house.mo.gov accessed 1/21/2011).
- Koenig, Don.** 2007a. “The seven day theory or seven thousand years from creation theory.” *The*

- Prophetic Years* undated posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2007b. “Hank Hanegraaff’s false theology and questionable character.” *The Prophetic Years* 9 July posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2009a. “America may be in a inflationary depression by 2011 and a world war by 2012.” *The Prophetic Years* 8 June posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2009b. “Jesus is not coming to rule the earth between 2012-2019.” *The Prophetic Years* 10 September posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2011. “Unless Americans reject evil, Obama will destroy this nation.” *The Prophetic Years* 10 May posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2012a. “Apollyon is not Rising in 2012. You are being Hornswoggled.” *The Prophetic Years* 31 May posting (online text at www.thepropheticyears.com accessed 10/1/2013).
- . 2012b. “When Will Jesus Christ Return?” *The Prophetic Years* July updated posting of 2007 text (online text at www.thepropheticyears.com accessed 10/2/2013).
- . 2013. “Ten signs that the American president is under demonic control.” *The Prophetic Years* 25 January posting (online text at www.thepropheticyears.com accessed 10/2/2013).
- Koenig, Laura B., Matt McGue, Robert F. Krueger, & Thomas J. Bouchard Jr.** 2005. “Genetic and Environmental Influences on Religiousness: Findings for Retrospective and Current Religiousness Ratings.” *Journal of Personality* **73** (April): 471-488.
- Koenig, Robert.** 2001. “Creationism Takes Root Where Europe, Asia Meet.” *Science* **292** (18 May): 1286-1287.
- Koenigs, Michael.** 2013. “The neuropsychology of disgust.” *Social Cognitive & Affective Neuroscience* **8** (February): 121-122.
- Koenigs, Michael, Liane Young, Ralph Adolphs, Daniel Tranel, Fiery Cushman, Marc Hauser, & Antonio Damasio.** 2007. “Damage to the prefrontal cortex increases utilitarian moral judgements.” *Nature* **446** (19 April): 908-911.
- Koentges, Georgy.** 2008. “Teeth in double trouble.” *Nature* **455** (9 October): 747-748.
- Koentges, Georgy, & Toshiyuki Matsuoka.** 2002. “Jaws of the Fates.” *Science* **298** (11 October): 371, 373.
- Koepfel, Alexander, Elizabeth B. Perry, Johannes Sikorski, Danny Krizanc, Andrew Warner, David M. Ward, Alejandro P. Rooney, Evelyne Brambilla, Nora Connor, Rodney M. Ratcliff, Eviatar Nevo, & Frederick M. Cohan.** 2008. “Identifying the fundamental units of bacterial diversity: A paradigm shift to incorporate ecology into bacterial systematics.” *Proceedings of the National Academy of Sciences* **105** (19 February): 2504-2509.
- Koerth-Baker, Maggie.** 2016. “Boredom gets interesting.” *Nature* **529** (14 January): 146-148.
- Koestler, Arthur.** 1960. *The Lotus and the Robot*. London: Hutchinson & Co.
- . 1964. *The Act of Creation*. New York: Macmillan.
- . 1968. *The Ghost in the Machine*. New York: Macmillan.
- . 1972. *The Roots of Coincidence*. 1973 pb ed. New York: Vintage Books.
- . 1978. *Janus: A Summing Up*. New York: Random House.
- Koestler, Arthur, & J. R. Smythies,** eds. 1969. *Beyond reductionism: New perspectives in the life sciences*. 1970 US ed. New York: Macmillan.
- Koevoets, T., & L. W. Beukeboom.** 2009. “Genetics of postzygotic isolation and Haldane’s rule in haplodiploids.” *Heredity* **102** (January): 16-23.
- Kofahl, Robert E.** 1981. “The Bombardier Beetle Shoots Back.” *Creation/Evolution* **2** (Summer): 12-14.
- . 2003a. *A Science Kit About Design*. The Parent Company educational set (online text at parentcompany.com accessed 12/3/2009).
- . 2003b. “44. Probability and the Origin of Life.” The Parent Company *Creation Essays*. Posting (online text at parentcompany.com accessed 9/30/2013).
- Koffman, Bess G., Karl J. Kreutz, Andrei V. Kurbatov, & Nelia W. Dunbar.** 2013. “Impact of known local and tropical volcanic eruptions of the past millennium on the WAIS Divide

- microparticle record.” *Geophysical Research Letters* **40**: 1-5.
- Kofler, Robert, Tom Hill, Viola Nolte, Andrea J. Betancourt, & Christian Schlötterer.** 2015. “The recent invasion of natural *Drosophila simulans* populations by the P-element.” *Proceedings of the National Academy of Sciences* **112** (26 May): 6659-6663.
- Kofoed, Eric M., & Russell E. Vance.** 2011. “Innate immune recognition of bacterial ligands by NAIIPs determines inflammasome specificity.” *Nature* **477** (29 September): 592-595.
- Koga, Shogo, David S. Williams, Adam W. Perriman, & Stephen Mann.** 2011. “Peptide-nucleotide microdroplets as a step towards a membrane-free protocell model.” *Nature Chemistry* **3** (September): 720-724.
- Koga, Toshiki, & Hiroshi Naraoka.** 2017. “A new family of extraterrestrial amino acids in the Murchison meteorite.” *Scientific Reports* (online @ www.nature.com/srep/) **7** (4 April): 636.
- Kogan, Aleksandr, Laura R. Saslow, Emily A. Impett, Christopher Oveis, Dacher Keltner, & Sarina Rodrigues Saturn.** 2011. “Thin-slicing study of the oxytocin receptor (OXTR) gene and the evaluation and expression of the prosocial disposition.” *Proceedings of the National Academy of Sciences* **108** (29 November): 19189-19192.
- Kogure, Kazuhiro, Eiko Ikemoto, & Hisao Morisaki.** 1998. “Attachment of *Vibrio alginolyticus* to Glass Surfaces Is Dependent on Swimming Speed.” *Journal of Bacteriology* **180** (February, No. 4): 932-937.
- Koh, Esther G. L., Kevin Lam, Alan Christoffels, Mark V. Erdmann, Sydney Brenner, & Byrappa Venkatesh.** 2003. “Hox gene clusters in the Indonesian coelacanth, *Latimeria menadoensis*.” *Proceedings of the National Academy of Sciences* **100** (4 February): 1084-1088.
- Koh, Tse Hsien, Grace Chee Yeng Wang, & Li-Hwei Sng.** 2004. “Clonal Spread of IMP-1-Producing *Pseudomonas aeruginosa* in Two Hospitals in Singapore.” *Journal of Clinical Microbiology* **42** (November): 5378-5380.
- Kohl, Kathryn P., Corbin D. Jones, & Jeff Sekelsky.** 2012. “Evolution of an MCM Complex in Flies That Promotes Meiotic Crossovers by Blocking BLM Helicase.” *Science* **338** (7 December): 1363-1365.
- Kohler, Evelyne, Christian Keysers, M. Alessandra Umiltà, Leonardo Fogassi, Vittorio Gallese, & Giacomo Rizzolatti.** 2002. “Hearing Sounds, Understanding Actions: Action Representation in Mirror Neurons.” *Science* **297** (2 August): 846-848.
- Köhler, Juliana, & Andreas Clausing.** 2000. “Taxonomy and palaeoecology of dinoflagellate cysts from Upper Oligocene freshwater sediments of Lake Enspel, Westerwald area, Germany.” *Review of Palaeobotany and Palynology* **112** (October): 39-49.
- Köhler, Meike, Nekane Marin-Moratall, Xavier Jordana, & Ronny Aanes.** 2012. “Seasonal bone growth and physiology in endotherms shed light on dinosaur physiology.” *Nature* **487** (19 July): 358-361.
- Köhler, Meike, & Salvador Moyà-Solà.** 1997. “Ape-like or hominid-like? The positional behavior of *Oreopithecus bambolii* reconsidered.” *Proceedings of the National Academy of Sciences* **94** (14 October): 11747-11750.
- Kohli, Rahul M., & Yi Zhang.** 2013. “TET enzymes, TDG and the dynamics of DNA demethylation.” *Nature* **502** (24 October): 472-479.
- Kohls, Nikola, Sebastian Sauer, Martin Offenbacher, & James Giordano.** 2011. “Spirituality: an overlooked predictor of placebo effects?” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (27 June): 1838-1848.
- Kohn, Alexander.** 1986. *False Prophets: Fraud and Error in Science and Medicine*. New York: Basil Blackwell.
- Kohn, Linda M.** 2008. “Mechanisms of Fungal Speciation.” *Annual Review of Phytopathology* **43**: 279-308.
- Kohn, Matthew J.** 2010. “Carbon isotope compositions of terrestrial C₃ plants as indicators of (paleo)ecology and (paleo)climate.” *Proceedings of the National Academy of Sciences* **107** (16 November): 19691-19695.
- Kohn, Matthew J., & Frank S. Spear.** 1989. “Empirical calibration of geobarometers for the

- assemblage garnet + hornblende + plagioclase + quartz.” *American Mineralogist* **74** (January): 77-84.
- Kohring, Rolf.** 1991. “Lizard egg shells from the Lower Cretaceous of Cuenca Province, Spain.” *Palaeontology* **34** (Part 1): 237-240.
- Koike, Nobuya, Seung-Hee Yoo, Hung-Chung Huang, Vivek Kumar, Choogon Lee, Tae-Kyung Kim, & Joseph S. Takahashi.** 2012. “Transcriptional Architecture and Chromatin Landscape of the Core Circadian Clock in Mammals.” *Science* **338** (19 October): 349-354.
- Koike, Takahiko, Hiroki C. Tanabe, Shuntaro Okazaki, Eri Nakagawa, Akihiro T. Sasaki, Koji Shimada, Sho K. Sugawara, Haruka K. Takahashi, Kazufumi Yoshihara, Jorge Bosch-Bayard, & Norihiro Sadato.** 2016. “Neural substrates of shared attention as social memory: A hyperscanning functional magnetic resonance imaging study.” *NeuroImage* **125** (15 January): 401-412.
- Koizumi, Makoto, Koji Morita, Makiko Daigo, Shinya Tsutsumi, Koji Abe, Satoshi Obika, & Takeshi Imanishi.** 2003. “Triplex formation with 2'-O,4'-C-ethylene-bridged nucleic acids (ENA) having C3' *endo* conformation at physiological pH.” *Nucleic Acids Research* **31** (15 June): 3267-3273.
- Kojima, Hideyasu.** 2006. “The history of Japanese Antarctic meteorites.” *Geological Society, London, Special Publications* **256**: 291-303.
- Kojima, Keiichi, Yuki Matsutani, Takahiro Yamashita, Masataka Yanagawa, Yasushi Imamoto, Yumiko Yamano, Akimori Wada, Osamu Hisatomi, Kanto Nishikawa, Kanto Nishikawa, Keisuke Sakurai, & Yoshinori Shichida.** 2017. “Adaptation of cone pigments found in green rods for scotopic vision through a single amino acid mutation.” *Proceedings of the National Academy of Sciences* **114** (23 May): 5437-5442.
- Kojima, Keiichi, Takahiro Yamashita, Yasushi Imamoto, Takehiro G. Kusakabe, Motoyuki Tsuda, & Yoshinori Shichida.** 2017. “Evolutionary steps involving counterion displacement in a tunicate opsin.” *Proceedings of the National Academy of Sciences* **114** (6 June): 6028-6033.
- Kojima, Satoshi, & Allison J. Doupe.** 2011. “Social performance reveals unexpected vocal competency in young songbirds.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1687-1692.
- Kojima, Seiji, & David F. Blair.** 2001. “Conformational Change in the Stator of the Bacterial Flagellar Motor.” *Biochemistry* **40** (30 October): 13041-13050.
- Kok, Jasper F.** 2011. “A scaling theory for the size distribution of emitted dust aerosols suggests climate models underestimate the size of the global dust cycle.” *Proceedings of the National Academy of Sciences* **108** (18 January): 1016-1021.
- Kokelaar, Peter, & Cathy Busby.** 1992. “Subaqueous Explosive Eruption and Welding of Pyroclastic Deposits.” *Science* **257** (10 July): 196-201.
- Kokelaar, Peter, & Stephan Königer.** 2000. “Marine emplacement of welded ignimbrite: the Ordovician Pitts Head Tuff, North Wales.” *Journal of the Geological Society, London* **157** (May): 517-536.
- Kokoza, Vladimir, Abdouelaziz Ahmed, Sang Woon Shin, Nwando Okafor, Zhen Zou, & Alexander S. Raikhel.** 2010. “Blocking of *Plasmodium* transmission by cooperative action of Cecropin A and Defensin A in transgenic *Aedes aegypti* mosquitoes.” *Proceedings of the National Academy of Sciences* **107** (4 May): 8111-8116.
- Köksal, Mustafa, Yinghua Jin, Robert M. Coates, Rodney Croteau, & David W. Christianson.** 2011. “Taxadiene synthase structure and evolution of modular architecture in terpene biosynthesis.” *Nature* **469** (6 January): 116-120.
- Kokubo, E., R. M. Canup, & S. Ida.** 2000. “Lunar Accretion from an Impact-Generated Disk,” in Canup & Righter (2000, 145-163).
- Kolata, Gina Bari.** 1975. “Evolution of DNA: Changes in Gene Regulation.” *Science* **189** (8 August): 446-447.
- Kolb, Helga.** 2003. “How the Retina Works.” *American Scientist* **91** (January-February): 28-35.
- . 2011a. “Circuitry for Rod Signals Through The Retina.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph

- Nelson, Eduardo Fernandez & Bryan Jones, July updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- . 2011b. “Cone Pathways through the Retina.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, July updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- . 2011c. “Feedback Loops.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, July updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- . 2012. “Midget pathways of the primate retina underlie resolution and red green color opponency.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, June updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- . 2014. “S-Cone Pathways.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, February updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- . 2015. “Roles of Amacrine Cells.” University of Utah *Webvision: The Organization of the Retina and Visual System*, ed. Helga Kolb, Ralph Nelson, Eduardo Fernandez & Bryan Jones, 15 October updated posting (online text at *webvision.med.utah.edu* accessed 2/13/2017).
- Kolb, V. M., J. P. Dworkin, & S. L. Miller.** 1994. “Alternative Bases in the RNA World: The Prebiotic Synthesis of Urazole and Its Ribosides.” *Journal of Molecular Evolution* **38** (May): 549-557.
- Kolbe, Jason J., Manuel Leal, Thomas W. Schoener, David A. Spiller, & Jonathan B. Losos.** 2012. “Founder Effects Persist Despite Adaptive Differentiation: A Field Experiment with Lizards.” *Science* **335** (2 March): 1086-1089.
- Kolbert, Elizabeth.** 2015. “The Siege of Miami.” *The New Yorker* (21-28 December): online text accessed 2/5/2016 (*newyorker.com*).
- Kölbl-Ebert, M.** 2009. “Geology and religion: a historical perspective on current problems.” *Geological Society, London, Special Publications* **310**: 1-6.
- Kolchanov, N., & R. Hofestädt,** eds. 2006. *Proceedings of the Fifth International Conference on Bioinformatics of Genome Regulation and Structure, Vol. 3*. Novosibirsk, Russia: Russian Academy of Sciences (Siberian Branch) Institute of Cytology and Genetics.
- Kolchin, Peter.** 1993. *American Slavery: 1619-1877*. New York: Hill & Wang.
- Koldewyn, Kami, Anastasia Yendiki, Sarah Weigelt, Hyowon Gweon, Joshua Julian, Hilary Richardson, Caitlin Malloy, Rebecca Saxe, Bruce Fishl, & Nancy Kanwisher.** 2014. “Differences in the right inferior longitudinal fasciculus but no general disruption of white matter tracts in children with autism spectrum disorder.” *Proceedings of the National Academy of Sciences* **111** (4 February): 1981-1986.
- Kolell, Kevin J., & Douglas L. Crawford.** 2002. “Evolution of Sp Transcription Factors.” *Molecular Biology and Evolution* **19** (March): 216-222.
- Kolesnikov, N. N., E. A. Elisafenko, & S. M. Zakian.** 2006. “Evolution of the Structure of the *XIST* Locus in Mammals,” in Kolchanov & Hofestädt (2006, 276-280).
- Kolesová, Hana, Alois Lametschwandtner, & Zbyněk Roček.** 2007. “The evolution of amphibian metamorphosis: insights based on the transformation of the aortic arches of *Pelobates fuscus* (Anura).” *Journal of Anatomy* **210** (April): 379-393.
- Kollar, E. J., & C. Fisher.** 1980. “Tooth Induction in Chick Epithelium: Expression of Quiescent Genes for Enamel Synthesis.” *Science* **207** (29 February): 993-995.
- Kolling, Nils, Timothy E. J. Behrens, Rogier B. Mars, & Matthew F. S. Rushworth.** 2012. “Neural Mechanisms of Foraging.” *Science* **336** (6 April): 95-98.
- Kollman, Justin M., Andreas Merdes, Lionel Mourey, & David A. Agard.** 2011. “Microtubule nucleation by γ -tubulin complexes.” *Nature Reviews Molecular Cell Biology* **12** (November): 709-721.
- Kollmar, Richard, Sashi Karia Nakamura, James A. Kappler, & A. J. Hudspeth.** 2001.

- “Expression and phylogeny of claudins in vertebrate primordia.” *Proceedings of the National Academy of Sciences* **98** (28 August): 10196-10201.
- Kolmann, Matthew A., & Adam P. Summers.** 2016. “Sharks shift their spine into high gear.” *Nature* **540** (22 December): 532-533.
- Kolodner, Richard D., Don W. Cleveland, & Christopher D. Putnam.** 2011. “Aneuploidy Drives a Mutator Phenotype in Cancer.” *Science* **333** (19 August): 942-943.
- Kolokotronis, Tom, Van Savage, Eric J. Deeds, & Walter Fontana.** 2010. “Curvature in metabolic scaling.” *Nature* **464** (1 April): 753-756.
- Kolomeisky, Anatoly B., & Michael E. Fisher.** 2001. “Force-Velocity Relation for Growing Microtubules.” *Biophysical Journal* **80** (January): 149-154.
- Kolosimo, Peter,** trans. Paul Stevenson. 1975. *Timeless Earth*. New York: Bantam Books.
- Kolossvary, Istvan.** 2015. “Is the Scientific Method Exclusive to Science?” *The Evangelical Pulpit* 13 August posting (online text at www.patheos.com accessed 8/20/2015).
- Koltunow, A. M., K. Gregg, & G. E. Rogers.** 1986. “Intron sequences modulate feather keratin gene transcription in *Xenopus* oocytes.” *Nucleic Acids Research* **14** (26 August): 6375-6392.
- Kolzenburg, S., D. Giordano, C. Cimarelli, & D. B. Dingwell.** 2016. “*In situ* thermal characterization of cooling/crystallizing lavas during rheology measurements and implications for lava flow emplacement.” *Geochimica et Cosmochimica Acta* **195** (15 December): 244-258.
- Komander, David.** 2015. “Details of destruction, one molecule at a time.” *Science* **348** (10 April): 183-184.
- Komar, Anton A.** 2007. “Reply to Wolfgang Sadée *et al.*” *Science* 13 November letter posting (online text at sciencemag.org accessed 8/27/2014)
- Kominz, M. A.** 2001. “Sea Level Variations Over Geologic Time,” in Steele *et al.* (2001, 2605-2613).
- Komissarova, Natalia, & Mikhail Kashlev.** 1997. “RNA Polymerase Switches between Inactivated and Activated States By Translocating Back and Forth along the DNA and the RNA.” *The Journal of Biological Chemistry* **272** (13 June): 15329-15338.
- Komor, Alexis C., Yongjoo B. Kim, Michael S. Packer, John A. Zuris, & David R. Liu.** 2016. “Programmable editing of a target base in genomic DNA without double-stranded DNA cleavage.” *Nature* **533** (19 May): 420-424.
- Komoriya, Yoshihito, Takayuki Ariga, Ryota Iino, Hiromi Imamura, Daichi Okuno, & Hiroyuki Noji.** 2012. “Principle Role of the Arginine Finger in Rotary Catalysis of F₁-ATPase.” *The Journal of Biological Chemistry* **287** (27 April): 15134-15142.
- Komura, K., K. Sakamoto, & S. Tanaka.** 1972. “The half-life of long-lived ¹⁷⁶Lu.” *Nuclear Physics A* **198** (23 December): 73-80.
- Kondo, Shigeru.** 2014. “Self-Organizing Somites.” *Science* **343** (14 February): 736-737.
- Kondo, T., S. Plaza, J. Zanet, E. Benrabah, P. Valenti, Y. Hashimoto, S. Kobayashi, F. Payre, & Y. Kageyama.** 2010. “Small Peptides Switch the Transcriptional Activity of Shavenbaby During *Drosophila* Embryogenesis.” *Science* **329** (16 July): 336-339.
- Kondo, Takashi, József Zákány, Jeffrey W. Innis, & Denis Duboule.** 1997. “Of fingers, toes and penises.” *Nature* **390** (6 November): 29.
- Kondrashov, Alexey S.** 1993. “Classification of Hypotheses on the Advantage of Amphimixis.” *Journal of Heredity* **84** (September-October): 372-387.
- . 1995. “Contamination of the genome by very slightly deleterious mutations: why have we not died 100 times over?” *Journal of Theoretical Biology* **175** (21 August): 583-594.
- . 1999. “Being too nice may not be too wise.” *Journal of Evolutionary Biology* **12** (November): 1031.
- . 2001. “Speciation: Darwin revisited.” *Trends in Ecology & Evolution* **16** (July): 412.
- Kondrashov, Fyodor A., & Alexey S. Kondrashov.** 2001. “Multidimensional epistasis and the disadvantage of sex.” *Proceedings of the National Academy of Sciences* **98** (9 October): 12089-12092.
- Kondrashov, Fyodor A., Igor B. Rogozin, Yuri I. Wolf, & Eugene V. Koonin.** 2002.

- “Selection in the evolution of gene duplications.” *Genome Biology* (online @ genomebiology.com) **3** (14 January): research0008-research0008.9.
- Kondrick, Linda C.** 2008. “Thomism and science education: history informs a modern debate.” *Integrative and Comparative Biology* (AKA *American Zoologist*) **48** (August): 202-212.
- Konečni, Vladimír J.** 2009. “A positive illusion about ‘positive illusions’?” *Behavioral and Brain Sciences* **32** (6): 524-525.
- Kong, Augustine, Michael L. Frigge, Gudmar Thorleifsson, Hreinn Stefansson, Alexander I. Young, Florian Zink, Gudrun A. Jonsdottir, Aysu Okbay, Patrick Sulem, Gisli Masson, Daniel F. Gudbjartsson, Agnar Helgason, Gyda Bjornsdottir, Unnur Thorsteinsdottir, & Kari Stefansson.** 2017. “Selection against variants in the genome associated with educational attainment.” *Proceedings of the National Academy of Sciences* **114** (31 January): E727-E732.
- Konhauser, Kurt O., Tristan Hamade, Rob Raiswell, Richard C. Morris, F. Grant Ferris, Gordon Southam, & Donald E. Canfield.** 2002. “Could bacteria have formed the Precambrian banded iron formations?” *Geology* **30** (December): 1079-1082.
- Konhauser, Kurt O., Stefan V. Lalonde, Noah J. Planavsky, Ernesto Pecoits, Timothy W. Lyons, Stephen J. Mojzsis, Olivier J. Rouxel, Mark E. Barley, Carlos Rosiere, Phillip W. Fralick, Lee R. Kump, & Andrey Bekker.** 2011. “Aerobic bacterial pyrite oxidation and acid rock drainage during the Great Oxidation Event.” *Nature* **478** (20 October): 369-373.
- Konhauser, Kurt O., Ernesto Pecoits, Stefan V. Lalonde, Dominic Papineau, Euan G. Nisbet, Mark E. Barley, Nicholas T. Arndt, Kevin Zahnle, & Balz S. Kamber.** 2009. “Oceanic nickel depletion and a Methanogen famine before the Great Oxidation Event.” *Nature* **458** (9 April): 750-753.
- Konishi, Hiroyuki, Morassa Mohseni, Akina Tamaki, Joseph P. Garay, Sarah Croessmann, Sivasundaram Karnan, Akinobu Ota, Hong Yuen Wong, Yuko Konishi, Bedri Karakas, Khola Tahir, Abde M. Abukhdeir, John P. Gustin, Justin Cidado, Grace M. Wang, David Cosgrove, Rory Cochran, Danijela Jelovac, Michaela J. Higgins, Sabrina Arena, Lauren Hawkins, Josh Luring, Amy L. Gross, Christopher M. Heaphy, Yosataka Hosokawa, Edward Gabrielson, Alan K. Meaker, Kala Visvanathan, Pedram Argani, Kurtis E. Bachman, & Ben Ho Park.** 2011. “Mutation of a single allele of the cancer susceptibility gene BRCA1 leads to genomic instability in human breast epithelial cells.” *Proceedings of the National Academy of Sciences* **108** (25 October): 17773-17778.
- Konkle, Talia, & Aude Oliva.** 2012. “A Real-World Size-Organization of Object Responses in Occipitotemporal Cortex.” *Neuron* **74** (21 June): 1114-1124.
- Konno, Ayumu, Tomohisa Ogawa, Tsuyoshi Shihari, & Koji Muramoto.** 2007. “Reconstruction of a Probable Ancestral Form of Conger Eel Galectins Revealed Their Rapid Adaptive Evolution Process for Specific Carbohydrate Recognition.” *Molecular Biology and Evolution* **24** (November): 2504-2514.
- Könnyű, Balázs, & Tamás Czárán.** 2011. “The Evolution of Enzyme Specificity in the Metabolic Replicator Model of Prebiotic Evolution.” *PLoS ONE* (online @ plosone.org) **6** (June): e20931.
- Könnyű, Balázs, András Szilágyi, & Tamás Czárán.** 2015. “*In silico* ribozyme evolution in a metabolically coupled RNA population.” *Biology Direct* (online @ biomedcentral.com) **10** (27 May): 30.
- Konopka, Genevieve, Jamee M. Bomar, Kellen Winden, Giovanni Coppola, Zophonias O. Jonsson, Fuying Gao, Sophia Peng, Todd M. Preuss, James A. Wohlschlegel, & Daniel H. Geschwind.** 2009. “Human-specific transcriptional regulation of CNS development genes by FOXP2.” *Nature* **462** (12 November): 213-217.
- Konôpková, Zuzana, R. Stewart McWilliams, Natalia Gómez-Pérez, & Alexander F. Goncharov.** 2016. “Direct measurement of thermal conductivity in solid iron at planetary core conditions.” *Nature* **534** (2 June): 99-101.
- Konopova, Barbora, & Marek Jindra.** 2007. “Juvenile hormone resistance gene *Methoprene-*

- tolerant* controls entry into metamorphosis in the beetle *Tribolium castaneum*.” *Proceedings of the National Academy of Sciences* **104** (19 June): 10488-10493.
- . 2008. “Broad-Complex acts downstream of Met in juvenile hormone signaling to coordinate primitive holometabolous metamorphosis.” *Development (AKA Journal of Embryology and Experimental Morphology)* **135** (1 February): 559-568.
- Konotey-Ahulu, Felix.** 1991. “Sickle-cell Anaemia.” *Truth in Science* posting (online text at www.truthinscience.org.uk accessed 12/18/2011).
- Konstantinidis, Konstantinos T., Alban Ramette, & James M. Tiedje.** 2006. “The bacterial species definition in the genomic era.” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **361** (November): 1929-1940.
- Konstantinidis, Konstantinos T., & James M. Tiedje.** 2005. “Genomic insights that advance the species definition for prokaryotes.” *Proceedings of the National Academy of Sciences* **102** (25 February): 2567-2572.
- Konstantinidis, P., & M. P. Harris.** 2011. “Same but Different: Ontogeny and Evolution of the *Musculus adductor mandibulae* in the Tetradontiformes.” *Journal of Experimental Zoology* **316** (15 January): 10-20.
- Koo, Jovanka T., Trevis M. Alleyne, Chelsea A. Schiano, Nadereh Jafari, & Wyndham W. Lathem.** 2011. “Global discovery of small RNAs in *Yersinia pseudotuberculosis* identifies *Yersinia*-specific small, noncoding RNAs required for virulence.” *Proceedings of the National Academy of Sciences* **108** (13 September): E709-E717.
- Koole, Sander L., Michael E. McCullough, Julius Kuhl, & Peter H. M. P. Roelofsma.** 2010. “Why Religion’s Burdens Are Light: From Religiosity to Implicit Self-Regulation.” *Personality and Social Psychology Review* **14** (February): 95-107.
- Koonin, Eugene V.** 1993. “A Superfamily of ATPases with Diverse Functions Containing Either Classical or Deviant ATP-Binding Motif.” *Journal of Molecular Biology* **229** (20 February): 1165-1174.
- . 2000. “How Many Genes Can Make a Cell: The Minimal-Gene-Set Concept.” *Annual Review of Genomics and Human Genetics* **1**: 99-116.
- . 2007a. “An RNA-making reactor for the origin of life.” *Proceedings of the National Academy of Sciences* **104** (29 May): 9105-9106.
- . 2007b. “The cosmological model of eternal inflation and the transition from chance to biological evolution in the history of life.” *Biology Direct* (online @ biomedcentral.com) **2** (31 May): 15.
- . 2007c. “The Biological Big Bang model for the major transitions in evolution.” *Biology Direct* (online @ biomedcentral.com) **2** (20 August): 21.
- . 2009a. “Darwinian evolution in the light of genomics.” *Nucleic Acids Research* **37** (March): 1011-1034.
- . 2009b. “The *Origin* at 150: is a new evolutionary synthesis in sight?” *Trends in Genetics* **25** (November): 473-475.
- . 2010. “On the Origin of Translation.” NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 10 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- . 2011. *The Logic of Chance: The Nature and Origin of Biological Evolution*. Upper Saddle River, NJ: FT Press Science.
- . 2014. “Horizontal transfer beyond genes.” *Proceedings of the National Academy of Sciences* **111** (11 November): 15865-15866.
- . 2015a. “Origin of eukaryotes from within archaea, archaeal eukaryome and bursts of gene gain: eukaryogenesis just made easier?” *Philosophical Transactions of the Royal Society of London B (Biological Sciences)* **370** (26 September): 20140333.
- . 2015b. “Archaeal ancestors of eukaryotes: not so elusive any more.” *BMC Biology* (online @ biomedcentral.com) **13** (5 October): 84.
- . 2015c. “Energetics and population genetics at the root of eukaryotic cellular and genomic complexity.” *Proceedings of the National Academy of Sciences* **112** (29 December): 15777-15778.

- . 2017. “Frozen Accident Pushing 50: Stereochemistry, Expansion, and Chance in the Evolution of the Genetic Code.” *Life* (online @ www.mdpi.com) **7** (February): 22.
- Koonin, E. V., & L. Aravind.** 2002. “Origin and evolution of eukaryotic apoptosis: the bacterial connection.” *Cell Death and Differentiation* **9** (April): 394-404.
- Koonin, Eugene V., L. Aravind, & Alexey S. Kondrashov.** 2000. “The Impact of Comparative Genomics on Our Understanding of Evolution.” *Cell* **101** (9 June): 573-576.
- Koonin, Eugene V., & Valerian V. Dolja.** 2012. “Expanding networks of RNA virus evolution.” *BMC Biology* (online @ biomedcentral.com) **10** (20 June): 54.
- Koonin, Eugene V., Valerian V. Dolja, & Mart Krupovic.** 2015. “Origins and evolution of viruses of eukaryotes: The ultimate modularity” *Virology* **479-480** (May): 2-25.
- Koonin, Eugene V., & Mart Krupovic.** 2015. “Evolution of adaptive immunity from transposable elements combined with innate immune systems.” *Nature Reviews Genetics* **16** (March): 184-192.
- Koonin, Eugene V., & William Martin.** 2005. “On the origin of genomes and cells within inorganic compartments.” *Trends in Genetics* **21** (December): 647-654.
- Koonin, Eugene V., & Artem S. Novozhilov.** 2009. “Origin and Evolution of the Genetic Code: The Universal Enigma.” *International Union of Biochemistry and Molecular Biology Life* **61** (February): 99-111.
- Koonin, Eugene V., Tatiana G. Senkevich, & Valerian V. Dolja.** 2006. “The ancient Virus World and evolution of cells.” *Biology Direct* (online @ biomedcentral.com) **1** (19 September): 29.
- Koonin, Eugene V., & Petro Starokadomskyy.** 2016. “Are viruses alive? The replicator paradigm sheds decisive light on an old but misguided question.” *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **59** (October): 125-134.
- Koonin, Eugene V., & Yuri I. Wolf.** 2008. “Genomics of bacteria and archaea: the emerging dynamic view of the prokaryotic world.” *Nucleic Acids Research* **36** (December): 6688-6719.
- . 2009. “Is evolution Darwinian or/and Lamarckian?” *Biology Direct* (online @ biomedcentral.com) **4** (11 November): 42.
- . 2010. “The common ancestry of life.” *Biology Direct* (online @ biomedcentral.com) **5** (18 November): 64.
- Koonin, Eugene V., Yuri I. Wolf, & L. Aravind.** 2001. “Prediction of the Archaeal Exosome and Its Connection with the Proteasome and the Translation and Transcription Machineries by a Comparative-Genomic Approach.” *Genome Research* **11** (February): 240-252.
- Koonin, Eugene V., Yuri I. Wolf, & Georgy P. Karev.** 2002. “The structure of the protein universe and genome evolution.” *Nature* **420** (14 November): 218-223.
- Koonin, Eugene V., & Natalya Yutin.** 2014. “The Dispersed Archaeal Eukaryome and the Complex Archaeal Ancestor of Eukaryotes.” *Cold Spring Harbor Perspectives in Biology* **6** (April): a016188.
- Koons, Robert C.** 2000. “Post-Agnostic Science: How Physics is Reviving the Argument from Design.” *Leadership U* posting (online text at *leaderu.com* accessed 11/23/2013).
- . 2002. “Science and Theism: Concord, not Conflict.” *Rob Koons* posting (online pdf at *www.robkoons.net* accessed 6/17/2014).
- . 2004. “The Check Is in the Mail: Why Darwinism Fails to Inspire Confidence,” in Dembski (2004d, 3-22).
- Kopec, Klaus O., & Andrei N. Lupas.** 2013. “ β -Propellor Blades as Ancestral Reptides in Protein Evolution.” *PLoS ONE* (online @ plosone.org) **8** (October): e77074.
- Kopell, N., M. A. Whittington, & M. A. Kramer.** 2011. “Neuronal assembly dynamics in the beta1 frequency range permits short term memory.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3779-3784.
- Kopera, Huiru C., John B. Moldovan, Tammy A. Morrish, Jose Luis Garcia-Perez, & John V. Moran.** 2011. “Similarities between long interspersed element-1 (LINE-1) reverse transcriptase and telomerase.” *Proceedings of the National Academy of Sciences* **108** (20

- December): 20345-20350.
- Koperski, Jeffrey.** 2003. "Intelligent Design and the End of Science." *American Catholic Philosophical Quarterly* **77** (Fall): 567-588.
- Kopf, Matthias, & Wolfgang R. Hess.** 2015. "Regulatory RNAs in photosynthetic cyanobacteria." Federation of European Microbiological Societies *FEMS Microbiology Reviews* **39** (May): 301-315.
- Kopp, Artyom.** 2009. "Metamodels and Phylogenetic Replication: A Systematic Approach to the Evolution of Developmental Pathways." *Evolution* **63** (November): 2771-2789.
- Kopp, Robert E.** 2012. "Tahitian record suggests Antarctic collapse." *Nature* **483** (29 March): 549-550.
- Kopp, Robert E., Joseph L. Kirschvink, Isaac A. Hilburn, & Cody Z. Nash.** 2005. "The Paleoproterozoic snowball Earth: A climate disaster triggered by the evolution of oxygenic photosynthesis." *Proceedings of the National Academy of Sciences* **102** (9 August): 11131-11136.
- Koppaka, Vishwanath, Jianfang Wang, Mou Banerjee, & Barry R. Lentz.** 1996. "Soluble Phospholipids Enhance Factor χ_a -Catalyzed Prothrombin Activation in Solution." *Biochemistry* **35** (11 June): 7482-7491.
- Kopparapu, Ravi kumar, Ramses Ramirez, James F. Kasting, Vincent Eymet, Tyler D. Robinson, Suvrath Mahadevan, Ryan C. Terrien, Shawn Domagal-Goldman, Victoria Meadows, & Rohit Deshpande.** 2013. "Habitable Zones Around Main-Sequence Stars: New Estimates." *The Astrophysical Journal* **765** (10 March): 131.
- Koppe, T., G. Meyer, & K. W. Alt,** eds. 2009. *Comparative Dental Morphology*. Basel, Switzerland: Karger Press.
- Koppel, Ted.** 2005. "Nightline with Ted Koppel 8/10/2005 on Intelligent Design, The Discovery Institute, Cal Thomas, George Will." *Evangelical Catholic Apologetics* transcript posting (online text originally at www.bringyou.com. accessed 4/8/2012, now at www.biblicalcatholicism.com).
- Koppelman, Andrew.** 2003. "No Expressly Religious Orthodoxy: A Response to Steven D. Smith." *Chicago-Kent Law Review* **78** (June): 729-738.
- . 2009. "Phony Originalism and the Establishment Clause." *Northwestern University Law Review* **103** (2): 727-750.
- Köppen, Mario, David H. Wolpert, & William G. Macready.** 2001. "Remarks on a Recent Paper on the 'No Free Lunch' Theorems." *IEEE Transactions on Evolutionary Computation* **5** (June): 295-296.
- Kopplin, Zack.** 2011a. "The Repeal is Public!" *Repealing the Louisiana Science Education Act* press release 16 February (online text at www.repealcreationism.com accessed 2/17/2011).
- . 2011b. "42 Nobel Laureates Call for a Repeal of the LSEA." *Repealing the Louisiana Science Education Act* posting 19 April (online text at www.repealcreationism.com accessed 4/25/2011).
- . 2012. "Stop Governor Jindal's Creationist Voucher Program." *OpEdNews* 16 July posting (online text at www.opednews.com accessed 7/28/2012).
- . 2013a. "Creationist schools are receiving millions of taxpayer dollars." *Say No to Creationist Vouchers* posting (online text at creationistvouchers.com accessed 3/30/2013).
- . 2013b. "Evolving Louisiana's classrooms from creationism." *WWLTV* posting 14 January (online text at www.wwltv.com accessed 3/30/2013).
- . 2013c. "President Obama, Please Call for a Second Giant Leap for Mankind." *Huffpost Education* posting 28 January (online text at huffingtonpost.com accessed 3/16/2013).
- . 2013d. "Showdown Over Science in Texas." *Slate.com* posting 20 September (online text at www.slate.com accessed 1/25/2014).
- . 2013e. "Richard and Beverly Hermsen Student Activist Award: Student activist Kopplin fights faux science." *Freethought Today* **30** (November): 3, 7.
- . 2014a. "Texas Public Schools Are Teaching Creationism." *Slate.com* posting 16 January (online text at www.slate.com accessed 1/25/2014).
- . 2014b. "Moses and the American Constitution." *Slate.com* posting 25 November (online

- text at *www.slate.com* accessed 11/25/2014).
- . 2015a. “Dismissing Darwin.” *Slate.com* posting 21 April (online text at *www.slate.com* accessed 4/21/2015).
- . 2015b. “The Bible v. the Constitution.” *Slate.com* posting 2 June (online text at *www.slate.com* accessed 6/2/2015).
- . 2015c. “Religious Rants in the Classroom.” *Slate.com* posting 2 November (online text at *www.slate.com* accessed 11/3/2015).
- . 2016. “School Teaching Creationism With Video From Islamic Sex Cult.” *The Daily Beast* 15 May (online text at *www.thedailybeast.com* accessed 5/16/2016).
- Korach, Bill.** 2012. “Ohio Teacher of the Year Fired for the Bible on His Desk Brings Case to Ohio Supreme Court.” *The Report Card* 21 April posting (online text at *education-curriculum-reform-government-schools.org* accessed 4/23/2012).
- Korade, Željka, & Károly Mirnics.** 2011. “The autism disconnect.” *Nature* **474** (16 June): 294-295.
- . 2014. “Programmed to be Human?” *Neuron* **81** (22 January): 224-226.
- Koralek, Aaron C., Xin Jin, John D. Long II, Rui M. Costa, & Jose M. Carmena.** 2012. “Corticostriatal plasticity is necessary for learning intentional neuroprosthetic skills.” *Nature* **483** (15 March): 331-335.
- Korb, Judith.** 2008. “Termites, hemimetabolous diploid white ants?” *Frontiers in Zoology* (online @ *frontiersinzoology.com*) **5** (29 September): 15.
- . 2014. “Robots Acting Locally and Building Globally.” *Science* **343** (14 February): 742-743.
- Korb, Judith, & Volker Salewski.** 2011. “Unearthing Old Data: Darwin Was Indeed Correct About Earthworm Behavior.” *Evolution: Education & Outreach* **4** (March): 133-136.
- Korcsmáros, Tamás, István A. Kovács, Máté S. Szalay, & Péter Csermely.** 2007. “Molecular chaperones: The modular evolution of cellular networks.” *Indian Academy of Sciences Journal of Biosciences* **32** (April): 441-446.
- Kore, Anilkumar R., Narendra K. Vaish, Ursula Kutzke, & Fritz Eckstein.** 1998. “Sequence specificity of the hammerhead ribozyme revisited; the NHH rule.” *Nucleic Acids Research* **26** (15 September): 4116-4120.
- Koren, Ilan, & Graham Feingold.** 2011. “Aerosol-cloud-precipitation system as a predator-prey problem.” *Proceedings of the National Academy of Sciences* **108** (26 July): 12227-12232.
- Koren, Tatyana N., & Adam Urbanek.** 1994. “Adaptive radiation of monograptids after the Late Wenlock crisis.” *Acta Palaeontologica Polonica* **39** (2): 137-167.
- Koren, Zohar, & Edward N. Trifonov.** 2011. “Role of Everlasting Troplet Expansion in Protein Evolution.” *Journal of Molecular Evolution* **72** (February): 232-239.
- Kořený, Luděk, & Miroslav Obornik.** 2011. “Sequence Evidence for the Presence of Two Tetropyrrole Pathways in *Euglena gracilis*.” *Genome Biology and Evolution* **3**: 359-364.
- Koretke, Kristin K., Andrei N. Lupas, Patrick V. Warren, Martin Rosenberg, & James R. Brown.** 2000. “Evolution of Two-Component Signal Transduction.” *Molecular Biology and Evolution* **17** (December): 1956-1970.
- Korgun, E. T., S. Cayli, M. Asar, & R. Demir.** 2007. “Distribution of laminin, vimentin and desmin in the rat uterus during initial stages of implantation.” *Journal of Molecular Histology* **38** (August): 253-260.
- Kormendy, John, & Ralf Bender.** 2011. “Supermassive black holes do not correlate with dark matter haloes of galaxies.” *Nature* **469** (20 January): 377-380.
- Kormendy, John, R. Bender, & M. E. Cornell.** 2011. “Supermassive black holes do not correlate with galaxy discs or pseudobulges.” *Nature* **469** (20 January): 374-376.
- Korn, Dieter.** 1997. “Evolution of the Goniatitaceae and Visean-Namurian biogeography.” *Acta Palaeontologica Polonica* **42** (2): 177-199.
- Korn, Dieter, Jürgen Bockwinkel, Volker Ebbighausen, & Christian Klug.** 2003. “Palaeobiogeographic and evolutionary meaning of an early Late Tournaisian ammonoid fauna from the Tafilalt of Morocco.” *Acta Palaeontologica Polonica* **48** (1): 71-92.
- Korn, Michael, Federico Marrone, Jose L. Pérez-Bote, Margarida Machado, Margarida**

- Cristo, Luís Cancela da Fonseca, & Anna K. Hundsdoerfer.** 2006. “Sister species within the *Triops cancriformis* lineage (Crustacea, Notostraca).” *The Norwegian Academy of Science and Letters Zoologica Scripta* **35** (July): 301-322.
- Kornblihtt, Alberto.** 2017. “Where science and nonsense collide.” *Nature* **541** (12 January): 135.
- Kornienko, Aleksandra E., Christoph P. Dotter, Philipp M. Guenzl, Heinz Gisslinger, Bettina Gisslinger, Ciara Cleary, Robert Kralovics, Florian M. Pauler, & Denise P. Barlow.** 2016. “Long non-coding RNAs display higher natural expression variation than protein-coding genes in healthy humans.” *Genome Biology* (online @ genomebiology.com) **17** (29 January): 14.
- Kornienko, Aleksandra, Philipp M. Guenzl, Denise P. Barlow, & Florian M. Pauler.** 2013. “Gene regulation by the act of long non-coding RNA transcription.” *BMC Biology* (online @ biomedcentral.com) **11** (30 May): 59.
- Kornprobst, Markus, Martin Turk, Nikola Kellner, Jingdong Cheng, Dirk Flemming, Isabelle Koš-Braun, Martin Koš, Matthias Thoms, Otto Berninghausen, Roland Beckmann, & Ed Hurt.** 2016. “Architecture of the 90S Pre-ribosome: A Structural View on the Birth of the Eukaryotic Ribosome.” *Cell* **166** (14 July): 380-393.
- Koročantseva, Ekaterina V., Mario Trierhoff, Alexei I. Buikin, Jens Hopp, & Hans-Peter Meyer.** 2005. “⁴⁰Ar/³⁹Ar dating and cosmic-ray exposure time of desert meteorites: Dhofar 300 and Dhofar 007 eucrites and anomalous achondrite NWA 011.” *Meteoritics & Planetary Science* **40** (October): 1433-1454.
- Korol, Abraham, Eugenia Rashkovetsky, Konstantin Iliadi, Pawel Michalak, Yefim Ronin, & Eviatar Nevo.** 2000. “Natural selection and speciation.” *Proceedings of the National Academy of Sciences* **97** (7 November): 12637-12642.
- Korovnikov, Igor.** 2008. “ORYCTOCEPHALID TRILOBITES FROM THE SIBERIAN PLATFORM,” in Rábano *et al.* (2008, 205-210).
- Korow, Andrea.** 2002. “Prayer Alert: Ohio.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **19** (Spring): 1.
- Korow, Dan.** 1999. “Cheetahs: Killing Machines? Science or Philosophy?” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **16** (November/December): 3.
- . 2000a. “Natural Selection: Friend or Foe?” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **17** (January/February): 1, 3-4.
- . 2000b. “Guess Who Believes in Creation?” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **17** (May/June): 3.
- . 2000c. “Hanging on a Broken Limb.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **17** (May/June): 4.
- . 2001a. “Two Kinds of Science.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (January/February): 2.
- . 2001b. “The Human Brain Evolved? That’s Inconceivable!” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (March/April): 3.
- . 2001c. “They Love Me... They Love Me Not...” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (July/August): 4.
- . 2001d. “Contrary to Popular Belief...” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **18** (July/August): 4.
- . 2004a. “Evolution is Hard to Swallow.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **21** (Autumn): 3.
- . 2004b. “A Flood of Evidence Supports God’s Word.” Alpha Omega Institute Institute (Grand Junction, CO) *Think & Believe* **21** (November/December): 2.
- Koroyasu, Sadatoshi, Minoru Yamazato, Takanori Hirano, & Shin-Ichi Aizawa.** 1998. “Kinetic Analysis of the Growth Rate of the Flagellar Hook in *Salmonella typhimurium* by the Population Balance Method.” *Biophysical Journal* **74** (January): 436-443.
- Korsinczy, Michael, Nanhua Chen, Barbara Kotecka, Allan Saul, Karl Rieckmann, & Qin Cheng.** 2000. “Mutations in *Plasmodium falciparum* Cytochrome *b* That Are Associated with Atovaquone Resistance Are Located at a Putative Drug-Binding Site.” *Antimicrobial*

- Agents and Chemotherapy* **44** (August): 2100-2108.
- Korthof, Gert.** 2001. "Letter from Ted Steele (author of 'Lamarck's Signature')." *Was Darwin Wrong?* posting (online text at *wasdarwinwrong.com* accessed 11/19/2014).
- . 2007. "Either Design or Common Descent." *Was Darwin Wrong?* 18 August updated posting (online text at *wasdarwinwrong.com* accessed 8/14/2014).
- . 2010. "God, Hitler and the Free Will Defense." *Evolutie blog* for 2 November (online text at *korthof.blogspot.com* accessed 11/5/2010).
- . 2011. "Evolutionary Developmental Biology: Finishing Darwin's Unfinished Symphony?" *Was Darwin Wrong?* 3 February updated posting (online text at *wasdarwinwrong.com* accessed 11/25/2013).
- . 2013. "New Szostak protocell is closest approximation to origin of life and Darwinian evolution so far." *Panda's Thumb* posting 13 December (online text at *pandasthumb.org* accessed 12/17/2013).
- Kortsch, Susanne, Raul Primacerio, Frank Beuchel, Paul E. Renaud, João Rodrigues, Ole Jørgen Lønne, & Bjørn Gulliksen.** 2012. "Climate-driven regime shifts in Arctic marine benthos." *Proceedings of the National Academy of Sciences* **109** (28 August): 14052-14057.
- Kortschak, R. Daniel, Gabrielle Samuel, Robert Saint, & David J. Miller.** 2003. "EST Analysis of the Cnidarian *Acropora millepora* Reveals Extensive Gene Loss and Rapid Sequence Divergence in the Model Invertebrates." *Current Biology* **13** (16 December): 2190-2195.
- Korup, Oliver, & David R. Montgomery.** 2008. "Tibetan plateau river incision inhibited by glacial stabilization of the Tsangpo gorge." *Nature* **455** (9 October): 786-789.
- Kosa, Peter, Matus Valach, Lubomir Tomaska, Kenneth H. Wolfe, & Jozef Nosek.** 2006. "Complete DNA sequences of the mitochondrial genomes of the pathogenic yeasts *Candida orthopsilosis* and *Candida metapsilosis*: insight into the evolution of linear DNA genomes from mitochondrial telomere mutants." *Nucleic Acids Research* **34** (May #8): 2472-2481.
- Kosaka, Yu, & Shang-Ping Xie.** 2013. "Recent global-warming hiatus tied to equatorial Pacific surface cooling." *Nature* **501** (19 September): 403-407.
- Koschowitz, Marie-Claire, Christian Fischer, & Martin Sander.** 2014. "Beyond the rainbow." *Science* **346** (24 October): 416-418.
- Koshiba-Takeuchi, Kazuko, Alessandro D. Mori, Bogac L. Kaynak, Judith Cebra-Thomas, Tatyana Sukonnik, Romain O. Georges, Stephany Latham, Loral Beck, R. Mark Henkelman, Brian L. Black, Eric N. Olson, Juli Wade, Jun K. Takeuchi, Mona Nemer, Scott F. Gilbert, & Benoit G. Bruneau.** 2009. "Reptilian heart development and the molecular basis of cardiac chamber evolution." *Nature* **461** (3 September): 95-98.
- Koshikawa, Shigeyuki, Matt W. Giogianni, Kathy Vaccaro, Victoria A. Kassner, John H. Yoder, Thomas Werner, & Sean B. Carroll.** 2015. "Gain of *cis*-regulatory activities underlies novel domains of *wingless* gene expression in *Drosophila*." *Proceedings of the National Academy of Sciences* **112** (16 June): 7524-7529.
- Kosik, Kenneth S.** 2009. "Exploring the early origins of the synapse by comparative genomics." *Royal Society Biology Letters* **5** (February): 108-111.
- . 2013. "Circles reshape the RNA world." *Nature* **495** (21 March): 322-324.
- Kosmyna, Brian, & Charles C. Query.** 2016. "Catalytic spliceosome captured." *Nature* **537** (8 September): 175-176.
- Kosova, Weston, & Patrice Wingert.** 2009. "Live Your Best Life Ever!" *The Daily Beast* 29 May (online text at *www.thedailybeast.com* accessed 1/28/2012).
- Kossin, James P., Kerry A. Emanuel, & Gabriel A. Vecchi.** 2014. "The poleward migration of the location of tropical cyclone maximum intensity." *Nature* **509** (15 May): 349-352.
- Kosslyn, Stephen M., & Olivier Koenig.** 1992. *Wet Mind: The New Cognitive Neuroscience*. New York: The Free Press.
- Kossy, Donna.** 1994. *Kooks*. Portland, OR: Feral House.
- . 2001. *Strange Creations: Aberrant Ideas of Human Origins from Ancient Astronauts to Aquatic Apes*. Los Angeles, CA: Feral House.

- Košťál, Vladimír, Petr Šimek, Helena Zahradníčková, Jana Cimlová, & Tomáš Štětina.** 2012. "Conversion of the chill susceptible fruit fly larva (*Drosophila melanogaster*) to a freeze tolerant organism." *Proceedings of the National Academy of Sciences* **109** (28 February): 3570-3274.
- Köstenberger, Andreas J.** 2014. "Placing the Cross in History." *Answers in Genesis* 1 April posting (online text at www.answersingenesis.org accessed 6/10/2017).
- Koster-Hale, Jorie, Rebecca Saxe, James Dungan, & Liane L. Young.** 2013. "Decoding moral judgments from neural representations of intentions." *Proceedings of the National Academy of Sciences* **110** (2 April): 5648-5653.
- Kostygov, Alexei Y., Eva Dobáková, Anastasiia Grybchuk-Ieremenko, Dalibor Váhala, Dmitri A. Maslov, Jan Votýpka, Julius Lukeš, & Vyacheslav Yurchenko.** 2016. "Novel Trypanosomatid-Bacterium Association: Evolution of Endosymbiosis in Action." *mBio* (online @ mbio.asm.org) **7** (15 March): e01985-15.
- Kostyrka, Gladys.** 2016. "What roles for viruses in origin of life scenarios?" *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* **59** (October): 135-144.
- Koszela-Piotrowska, Izabela, Karolina Matkovic, Adam Szewczyk, & Wiesława Jarmuszkiwicz.** 2009. "A large-conductance calcium-activated potassium channel in potato (*Solanum tuberosum*) tuber mitochondria." *Biochemical Journal* **424** (11 November): 307-316.
- Koszul, Romain, Sandrine Caburet, Bernard Dujon, & Gilles Fischer.** 2004. "Eucaryotic genome evolution through the spontaneous duplication of large chromosomal segments." *The EMBO Journal* **23** (1 January): 234-243.
- Koten, Jan Willem Jr., Guilherme Wood, Peter Hagoort, Rainer Goebel, Peter Propping, Klaus Willmes, & Dorret I. Boomsma.** 2009. "Genetic Contribution to Variation in Cognitive Function." *Science* **323** (27 March): 1737-1740.
- Kotsch, Katja, & Rainer Blasczyk.** 2000. "The Noncoding Regions of HLA-DRB Uncover Interlineage Recombinations as a Mechanism of HLA Diversification." *The Journal of Immunology* **165** (November): 5664-5670.
- Kotyk, Michele E., James F. Basinger, Patricia G. Gensel, & Tim A. de Freitas.** 2002. "Morphologically complex plant macrofossils from the Late Silurian of Arctic Canada." *American Journal of Botany* **89** (June): 1004-1013.
- Kotzian, Carla Bender, & Marcello Guimarães Simões.** 2006. "Taphonomy of recent freshwater molluscan death assemblages, Touro Passto Stream, Southern Brazil." *Revista Brasileira de Paleontologia* **9** (May/August): 243-260.
- Kouchaki, Maryam, & Francesca Gino.** 2016. "Memories of unethical actions become obfuscated over time." *Proceedings of the National Academy of Sciences* **113** (31 May): 6166-6171.
- Kouchinsky, Artem.** 2000. "Shell microstructures in Early Cambrian molluscs." *Acta Palaeontologica Polonica* **45** (2): 119-150.
- Kouchinsky, Artem, & Stefan Bengtson.** 2002. "The tube wall of Cambrian anabaritids." *Acta Palaeontologica Polonica* **47** (3): 431-444.
- Kouchinsky, Artem, Stefan Bengtson, & Lisa-ann Gershwil.** 1999. "Cnidarian-like embryos associated with the first shelly fossils in Siberia." *Geology* **27** (July): 609-612.
- Kouchinsky, Artem, Stefan Bengtson, & Duncan J. E. Murdock.** 2010. "A new tannuolinid problematic from the lower Cambrian of the Sukharikha River in northern Siberia." *Acta Palaeontologica Polonica* **55** (2): 321-331.
- Kouchinsky, Artem, Stefan Bengtson, Bruce Runnegar, Christian Skovsted, Michael Steiner, & Michael Vendrasco.** 2012. "Chronology of early Cambrian biomineralization." *Geological Magazine* **149** (March): 221-251.
- Kouider, Sid, Thomas Andrillon, Leonardo S. Barbosa, Louise Goupil, & Tristan A. Bekinschtein.** 2014. "Inducing Task-Relevant Responses to Speech in the Sleeping Brain." *Current Biology* **24** (22 September): 2208-2214.
- Kouider, Sid, Carsten Stahlhut, Sofie V. Gelskov, Leonardo S. Barbosa, Michel Dutat,**

- Vincent de Gardelle, Anne Christophe, Stanislas Dehaene, & Ghislaine Dehaene-Lambertz.** 2013. "A Neural Marker of Perceptual Consciousness in Infants." *Science* **340** (17 May): 376-380.
- Koukl, Gregory.** 1994. "Monkey Morality: Can Evolution Explain Ethics?" *Christian Research Institute* 24 May 2013 posting;(online text at *equip.org* accessed 9/9/2013).
- . 1996. "Michael Behe's Theistic Evolution." *Stand to Reason* posting (online text at *str.org* accessed 3/6/2001).
- . 1997a. "Is the Bible Authoritative?" *Stand to Reason* posting (online text at *str.org* accessed 8/17/2001).
- . 1997b. "'Stop the Church'/ACT-UP." *Stand to Reason* 24 December updated posting (online text at *str.org* accessed 3/26/2001, not available as of 11/1/2014).
- . 2002. "Euthyphro's Dilemma." *Stand to Reason* radio commentary transcript (online text at *str.org* accessed 10/31/2011).
- . 2005. "Is the New Testament Text Reliable?" *Stand to Reason* posting (online text at *str.org* accessed 1/13/2011).
- . 2009. "What If God Didn't Pick Me? (Video)." *Stand to Reason* 21 September posting (online text at *str.typepad.com* accessed 5/28/2014).
- . 2013. "Drifting Towards Darwin." *Stand to Reason* March/April posting (online pdf at *str.org* accessed 5/31/2016).
- Koumandou, V. Lila, Bill Wickstead, Michael L. Ginger, Mark van der Giezen, Joel B. Dacks, & Mark C. Field.** 2013. "Molecular paleontology and complexity in the last eukaryotic common ancestor." *Critical Reviews in Biochemistry and Molecular Biology* **48** (July): 373-396.
- Kouper, Inna.** 2010. "Science blogs and public engagement with science: practices, challenges, and opportunities." *Journal of Science Communication* (online @ *jcom.sissa.it*) **9** (March): A02.
- Kouprina, Natalay, Adam Pavlicek, N. Keith Collins, Megumi Nakano, Vladimir N. Noskov, Jun-Ichirou Ohzeki, Ganeshwaran H. Mochida, John I. Risinger, Paul Goldsmith, Michelle Gunsior, Greg Solomon, William Gersch, Jung-Hyun Kim, J. Carl Barrett, Christopher A. Walsh, Jerzy Jurka, Hiroshi Masumoto, & Vladimir Larionov.** 2005. "The microcephaly *ASPM* gene is expressed in proliferating tissues and encodes for a mitotic spindle protein." *Human Molecular Genetics* **14** (1 August): 2155-2165.
- Kourakis, Matthew J., & William C. Smith.** 2005. "Did the first chordates organize without the organizer?" *Trends in Genetics* **21** (September): 506-510.
- Koutsovoulos, Georgios, Sujai Kumar, Dominik R. Laetsch, Lewis Stevens, Jennifer Daub, Claire Condon, Habib Maroon, Fran Thomas, Aziz A. Aboobaker, & Mark Blaxter.** 2016. "No evidence for extensive horizontal gene transfer in the genome of the tardigrade *Hypsibius dujardini*." *Proceedings of the National Academy of Sciences* **113** (3 May): 5053-5058.
- Kovac, Mirko.** 2016. "Learning from nature how to land aerial robots." *Science* **352** (20 May): 895-896.
- Kovach, Jeffery D., & Rebecca S. Lamb.** 2014. "There Can Be Only One." *Science* **343** (7 February): 623-624.
- Kovachevich, Elizabeth.** 1998. United States District Court (Ft. Myers, Florida Division) No. 97-529-CIV-FTM-17D 20 January ruling re: *Gibson et al. v. Lee County School Board et al.* (online text at *www.leagle.com* accessed 2/3/2014).
- Kovács, A., R. H. Foote, & D. H. Lein.** 1990. "1;16 tandem translocation with trisomy 16 in a Brown Swiss bull." *The Veterinary Record* **127** (8): 205.
- Kovács, A., & M. Papp.** 1997. "Report on chromosomal examination of A.I. bulls in Hungary." *Genetics Selection Evolution* (AKA *Annales de Génétique et de Sélection Animale*) **9** (4): 528.
- Kovács, Ágnes Melinda, & Jacques Mehler.** 2009. "Flexible Learning of Multiple Speech Structures in Bilingual Infants." *Science* **325** (31 July): 611-612.
- Kovács, Ágnes Melinda, Ernő Téglás, & Ansgar Denis Endress.** 2010. "The Social Sense:

- Susceptibility to Others' Beliefs in Human Infants and Adults." *Science* **330** (24 December): 1830-1834.
- Kovacs, Erika, Peter Tompa, Karoly Liliom, & Lajos Kalmar.** 2010. "Dual coding in alternative reading frames correlates with intrinsic protein disorder." *Proceedings of the National Academy of Sciences* **107** (23 March): 5429-5434.
- Kovács, Iлона, & Bela Julesz.** 1994. "Perceptual sensitivity maps within globally defined visual shapes." *Nature* **370** (25 August): 644-646.
- Kovacs, Joe.** 2003. "Pharaoh's Chariots Found in Red Sea?" *WorldNetDaily* (21 June): online text accessed 8/23/2013 (*wnd.com*).
- . 2004. "Noah's Ark Discovered? Competing claims over exact location." *WorldNetDaily* (21 August): online text accessed 1/24/2014 (*wnd.com*).
- . 2006. "New Photo Resparks 'Noah's Ark Mania': Digital image of 'Ararat Anomaly' has researchers taking closer look." *WorldNetDaily* (10 March): online text accessed 1/24/2014 (*wnd.com*).
- . 2013. "Bill O'Reilly: The Bible Contradicts Itself." *WorldNetDaily* (28 February): online text accessed 8/27/2013 (*wnd.com*).
- Koven, Charles D., Bruno Ringeval, Pierre Friedlingstein, Philippe Ciais, Patricia Cadule, Dmitry Khvorostyanov, Gerhard Krinner, & Charles Tarnocai.** 2011. "Permafrost carbon-climate feedbacks accelerate global warming." *Proceedings of the National Academy of Sciences* **108** (6 September): 14769-14774.
- Kövér, S., & E. Szathmáry.** 1999. "Hybrid theories of sex." *Journal of Evolutionary Biology* **12** (November): 1032-1033.
- Kowal, Anne K., Caroline Köhrer, & Uttam L. RajBhandary.** 2001. "Twenty-first aminoacyl-tRNA synthetase-suppressor tRNA pairs for possible use in site-specific incorporation of amino acid analogues into proteins in eukaryotes and in eubacteria." *Proceedings of the National Academy of Sciences* **98** (27 February): 2268-2273.
- Kowald, Axel, & Tom B. I. Kirkwood.** 2011. "Evolution of the mitochondrial fusion-fission cycle and its role in aging." *Proceedings of the National Academy of Sciences* **108** (21 June): 10237-10242.
- Kowalewski, Michal, Karl W. Flessa, & Jonathan D. Marcot.** 1997. "Predatory scars in the shells of a Recent lingulid brachiopod: Paleontological and ecological implications." *Acta Palaeontologica Polonica* **42** (4): 497-532.
- Kowalewski, Michal, Wolfgang Kiessling, Martin Aberhan, Franz T. Fürsich, Daniele Scarponi, Susan L. Barbour Wood, & Alan P. Hoffmeister.** 2006. "Ecological, taxonomic, and taphonomic components of the post-Paleozoic increase in sample-level species diversity of marine benthos." *Paleobiology* **32** (December): 533-561.
- Kowalko, Johanna E., Nicolas Rohner, Tess A. Linden, Santiago B. Rompani, Wesley C. Warren, Richard Borowsky, Clifford J. Tabin, William R. Jeffery, & Masato Yoshizawa.** 2013. "Convergence in feeding posture occurs through different genetic loci in independently evolved cave populations of *Astyanax mexicanus*." *Proceedings of the National Academy of Sciences* **110** (15 October): 16933-16938.
- Kowallis, Bart J., Eric H. Christiansen, & Alan L. Deino.** 1991. "Age of the Brushy Basin Member of the Morrison Formation, Colorado Plateau, western USA." *Cretaceous Research* **12** (October): 483-493.
- Kowallis, Bart J., Eric H. Christiansen, Alan L. Deino, Fred Peterson, Christine E. Turner, Michael J. Kunk, & John D. Obradovich.** 1998. "The age of the Morrison Formation." *Modern Geology* **22** (1-4): 235-260.
- Kowalski, Gary.** 2001. *The Bible According to Noah: Theology As If Animals Mattered*. New York: Lantern Books.
- Kowalski, L.** 2010. "Comment on 'Piezonuclear decay of thorium' [Phys. Lett A 373 (2009) 1956]." *Physics Letters A* **374** (11 January): 696-697.
- Kowtoniuk, Walter E., Yinghua Shen, Jennifer M. Heemstra, Isha Agarwal, & David R. Liu.** 2009. "A chemical screen for biological small molecule-RNA conjugates reveals CoA-linked RNA." *Proceedings of the National Academy of Sciences* **106** (12 May): 7768-7773.

- Koyabu, Daisuke, Wolfgang Maier, & Marcelo R. Sánchez-Villagra.** 2012. "Paleontological and developmental evidence resolve the homology and dual embryonic origin of a mammalian skull bone, the interparietal." *Proceedings of the National Academy of Sciences* **109** (28 August): 14075-14080.
- Koyama, Minoru, Amina Kinkhabwaka, Chie Satou, Shin-ichi Higashijima, & Joseph Fetcho.** 2011. "Mapping a sensory-motor network onto a structural and functional ground plan in the hindbrain." *Proceedings of the National Academy of Sciences* **108** (18 January): 1170-1175.
- Koyfman, Alexey Y., Michael F. Schmid, Ladan Gheiratmand, Caroline J. Fu, Htet A. Khant, Dandan Huang, Cynthia Y. He, & Wah Chiu.** 2011. "Structure of *Trypanosoma brucei* flagellum accounts for its bihelical motion." *Proceedings of the National Academy of Sciences* **108** (5 July): 11005-11108.
- Koza, John R.** 2010. "Human-competitive results produced by genetic programming." *Genetic Programming and Evolvable Machines* **11** (September): 251-284.
- Kozioł, Adam G., Tudor Borza, Ken-Ichiro Ishida, Patrick Keeling, Robert W. Lee, & Dion G. Durnford.** 2007. "Tracing the Evolution of the Light-Harvesting Antennae in Chlorophyll *a/b*-Containing Organisms." *Plant Physiology* **143** (April): 1802-1816.
- Kozioł, Uriel, Francesca Jarero, Peter D. Olson, & Klaus Brehm.** 2016. "Comparative analysis of Wnt expression identities a highly conserved developmental transition in flatworms." *BMC Biology* (online @ biomedcentral.com) **14** (4 March): 10.
- Kozleski, Lisa.** 2000a. "PENNRIDGE OFFICIAL BACKS CREATIONISM: SCHOOL BOARD MEMBER, ALSO A MINISTER, SAYS CLASSES CAN OFFER 'SPECTRUM OF THEORIES' ON THE ORIGIN OF THE UNIVERSE." *The Morning Call* (Allentown, Pennsylvania) posting 17 October: online text accessed 6/6/2001 (www.mcall.com).
- . 2000b. "PENNRIDGE STUDENT CREATING A STIR FIGHTING FOR GOD'S TALE: YOUNG CREATIONIST HAS SET UP FORUM SO AUTHOR CAN PRESENT HIS VIEWS." *The Morning Call* (Allentown, Pennsylvania) posting 8 November: online text accessed 6/6/2001 (www.mcall.com).
- . 2000b. "YARNELL PRESIDENT OF PENNRIDGE BOARD—IT'S HIS THIRD TERM IN THE POST, STIRLING GETS SECOND TERM AS VICE PRESIDENT." *The Morning Call* (Allentown, Pennsylvania) posting 5 December: online text accessed 6/6/2001 (www.mcall.com).
- Kozlov, Alexander, Mikael Huss, Anders Lansner, Jeanette Hellgren Kotaleski, & Sten Grillner.** 2009. "Simple cellular and network control principles govern complex patterns of motor behavior." *Proceedings of the National Academy of Sciences* **106** (24 November): 20027-20032.
- Kozlov, Igor A., Stefan Pitsch, & Leslie E. Orgel.** 1998. "Oligomerization of activated D- and L-guanosine mononucleotides on templates containing D- and L-deoxycytidylate residues." *Proceedings of the National Academy of Sciences* **95** (10 November): 13448-13452.
- Kozłowski, J., M. Konarzewski, & A. T. Gawelczyk.** 2003. "Cell size as a link between noncoding DNA and metabolic rate scaling." *Proceedings of the National Academy of Sciences* **100** (25 November): 14080-14085.
- Kozłowski, Kim.** 2005. "Evolution Battle Grows in Schools." *The Detroit News* (24 July) reprinted at *Center for Science & Culture* (online text at discovery.org accessed 12/3/2012).
- Kozmik, Zbynek.** 2005. "Pax genes in eye development and evolution." *Current Opinion in Genetics & Development* **15** (August): 430-438.
- Kozmik, Zbynek, Michael Daube, Erich Frei, Barbara Norman, Lidia Kos, Larry J. Dishaw, Markus Noll, & Joram Piatigorsky.** 2003. "Role of Pax Genes in Eye Evolution: A Cnidarian *PaxB* Gene Uniting Pax2 and Paf6 Functions." *Developmental Cell* **5** (November): 773-785.
- Kozmik, Zbynek, Jana Ruzickova, Kristyna Jonasova, Yoshifumi Matsumoto, Pavel Vopalensky, Iryna Kozmikova, Hynek Strnad, Shoji Kawamura, Joram Piatigorsky, Vaclav Paces, & Cestmir Vlcek.** 2008. "Assembly of the cnidarian camera-type eye from vertebrate-like components." *Proceedings of the National Academy of Sciences* **105** (1 July): 8989-8993.
- KPAX.** 2011. "FFRF issues complaint to remove Big Mountain WWII memorial." *KPAX*

- Montana Headlines* 20 October posting (online text at www.kpax.com accessed 11/2/2011).
- Kraak, Sarah B. M., Theo C. M. Bakker, & Beat Mundwiler.** 1999. "Sexual selection in sticklebacks in the field: correlates of reproductive, mating, and paternal success." *Behavioral Ecology* **10** (November): 696-706.
- Kraatz, Brian P., Demchig Badamgarav, & Faysal Bibi.** 2009. "Gomphos ellae, a New Mimotomid from the Middle Eocene of Mongolia and Its Implications for the Origin of Lagomorpha." *Journal of Vertebrate Paleontology* **29** (June): 576-583.
- The KRA Blog.** 2009. "Americans for Prosperity." *Kansas Republican Assembly* 30 April posting (online text at www.kansasra.org accessed 3/2/2011).
- Kraemer, Susanna A., & Gregory J. Velicer.** 2011. "Endemic social diversity within natural kin groups of a cooperative bacterium." *Proceedings of the National Academy of Sciences* **108** (28 June): 10823-10830.
- Kraft, Angelika R., Markus F. Templin, & Joachim-Volker Höltje.** 1998. "Membrane-Bound Lytic Endotransglycosylase in *Escherichia coli*." *Journal of Bacteriology* **180** (July, No. 13): 3441-3447.
- Krajewski, Carey, & James W. Fetzner Jr.** 1994. "Phylogeny of Cranes (Gruiformes: Gruidae) Based on Cytochrome-*B* DNA Sequences." *The Auk* **111** (April): 351-365.
- Krajewski, Carey, & David G. King.** 1996. "Molecular Divergence and Phylogeny: Rates and Patterns of Cytochrome *b* Evolution in Cranes." *Molecular Biology and Evolution* **13** (January): 21-30.
- Král, J., T. Kořínková, M. Forman, & L. Kravcová.** 2011. "Insights into the Meiotic Behavior and Evolution of Multiple Sex Chromosome Systems in Spiders." *Cytogenetic and Genome Research* (AKA *Cytogenetics and Cell Genetics*) **133** (1): 43-66.
- Král, Jiří, L'ubomír Kováč, František Št'áhlavský, Petr Lonský, & Peter L'uptáčík.** 2008. "The first karyotype study in palpigrades, a primitive order of arachnids (Arachnida: Palpigradi)." *Genetica* **134** (September): 79-87.
- Kramer, Elena M.** 2007. "Understanding the Genetic Basis of Floral Diversity." *BioScience* **57** (June): 479-487.
- Kramer, Elena M., & Vivian F. Irish.** 2000. "Evolution of the Petal and Stamen Developmental Programs: Evidence from Comparative Studies of the Lower Eudicots and Basal Angiosperms." *International Journal of Plant Sciences* **161** (November Supplement): S29-S40.
- Kramer, Günter, D. Lys Guilbride, & Bernd Bukan.** 2015. "Finding nascent proteins the right home." *Science* **348** (10 April): 182-183.
- Kramer, Lorie.** 2010. "Christian Media Research Site Hacked!" *The Alex Jones Machine* posting revised 21 August (online text at www.alexjonesmachine.com accessed 5/17/2011).
- Kramer, Peter, & Paola Bressan.** 2011. "Belief in God and in strong government as accidental cognitive by-products." *Behavioral and Brain Sciences* **34** (1): 31-32.
- Krämer, Roland, Jean-Marie Lehn, & Annie Marquis-Rigault.** 1993. "Self-recognition in helicate self-assembly: Spontaneous formation of helical metal complexes from mixtures of ligands and metal ions." *Proceedings of the National Academy of Sciences* **90** (15 June): 5394-5398.
- Kramerov, D. A., & N. S. Vassetzky.** 2011. "Origin and evolution of SINEs in eukaryotic genomes." *Heredity* **107** (December): 487-495.
- Krantz, Grover S.** 1997. "Evolution of the human pelvis." *Evolutionary Theory* **11** (August): 255-272.
- Kranz, Lena M., Mustafa Diken, Heinrich Haas, Sebastian Kreiter, Carmen Loquai, Kerstin C. Reuter, Martin Meng, Daniel Fritz, Fulvia Vascotto, Hossam Hefesha, Christian Grunwitz, Mathias Vormehr, Yves Hüseemann, Abderraouf Selmi, Andreas N. Kuhn, Janina Buck, Evelyn Derhovanessian, Richard Rae, Sebastian Attig, Jan Diekmann, Robert A. Jabulowsky, Sandra Heesch, Jessica Hassel, Peter Langguth, Stephan Grabbe, Christoph Huber, Özlem Türeci, & Ugur Sahin.** 2016. "Systemic RNA delivery to dendritic cells exploits antiviral defence for cancer immunotherapy." *Nature* **534** (16 June): 396-401.

- Kranz, Russell.** 1979. "Karl Popper's Challenge." *Seventh Day Adventist Signs of the Times* (November): 8-9.
- Kraske, Steve.** 1999. "Creationism evolves into campaign topic." *Kansas City Star* (Missouri) *The Star* 2 September posting: online text accessed 2/7/2002 (www.kcstar.com).
- Krastanova, Ivet, Vincenzo Sannino, Heinz Amenitsch, Opher Gileadi, Francesca M. Pisani, & Silvia Onesti.** 2012. "Structural and Functional Insights into the DNA Replication Factor Cdc45 Reveal an Evolutionary Relationship to the DHH Family of Phosphoesterases." *The Journal of Biological Chemistry* **287** (3 February): 4121-4128.
- Kratzer, James T., Miguel A. Lanaspa, Michael N. Murphy, Christina Cicerchi, Christina L. Graves, Peter A. Tipton, Eric A. Ortlund, Richard J. Johnson, & Eric A. Gaucher.** 2014. "Evolutionary history and metabolic insights of ancient mammalian uricases." *Proceedings of the National Academy of Sciences* **111** (11 March): 3763-3768.
- Krause, David J., & Rachel J. Whitaker.** 2015. "Inferring Speciation Processes from Patterns of Natural Variation in Microbial Genomes." *Systematic Biology* **64** (November): 926-935.
- Krause, David W.** 2000. "A Fossil Bonanza." *National Geographic* **198** (August): 52-57.
- . 2001. "Fossil molar from a Madagascan marsupial." *Nature* **412** (2 August): 497-498.
- . 2010. "Washed up in Madagascar." *Nature* **463** (4 February): 613-614.
- Krause, David W., Michael D. Gottfried, Patrick M. O'Connor, & Eric M. Roberts.** 2003. "A Cretaceous mammal from Tanzania." *Acta Palaeontologica Polonica* **48** (3): 321-330.
- Krause, David W., Simone Hoffmann, John R. Wible, E. Christopher Kirk, Julia A. Schultz, Wighart von Koenigswald, Joseph R. Groenke, James B. Rossie, Patrick M. O'Connor, Erik R. Seiffert, Elizabeth R. Dumont, Waymon L. Holloway, Raymond R. Rogers, Lydia J. Rahantarisoa, Addison D. Kemp, & Haingoson Andriamialison.** 2014. "First cranial remains of a gondwanatherian mammal reveal remarkable mosaicism." *Nature* **515** (27 November): 512-517.
- Krause, David W., G. V. R. Prasad, Wighart von Koenigswald, Ashok Sahni, & Frederick E. Grine.** 1997. "Cosmopolitanism among Gondwanan Late Cretaceous mammals." *Nature* **390** (4 December): 504-507.
- Krause, Johannes, Qiaomei Fu, Jeffrey M. Good, Bence Viola, Michael V. Shunkov, Anatoli P. Derevianko, & Svante Pääbo.** 2010. "The complete mitochondrial DNA genome of an unknown hominin from southern Siberia." *Nature* **464** (8 April): 894-897.
- Krause, Johannes, Carles Lalueza-Fox, Ludovic Orlando, Wolfgang Enard, Richard E. Green, Hernán A. Burbano, Jean-Jacques Hublin, Catherine Hänni, Javier Fortea, Marco de la Rasilla, Jaume Bertranpetit, Antonio Rosas, & Svante Pääbo.** 2007. "The Derived *FOXP2* Variant of Modern Humans Was Shared with Neandertals." *Current Biology* **17** (6 November): 1908-1912.
- Krause, Kenneth W.** 2009. "Pathology or Paradigm Shift? Human Evolution, *Ad Hominem* Science, and the Anomalous Hobbits of Flores." *Skeptical Inquirer* **33** (July/August): 31-39.
- Krauss, Lawrence M.** 1999. "Cosmological Antigravity." *Scientific American* **280** (January): 52-59.
- . 2002. "Odds Are Stacked When Science Tries to Debate Pseudoscience." *The New York Times* posting 30 April: online text accessed 5/7/2002 (www.nytimes.com).
- . 2005. "School Boards Want to 'Teach the Controversy.' What Controversy?" *The New York Times* 17 May commentary reprinted as handout at *American Enterprise Institute* 21 October debate (online pdf at www.aei.org accessed 8/25/2012).
- . 2006a. "When Worldviews Collide: Science and Religion Face Off Again." Condensed version of April/May 2006 *Free Inquiry* article posted at *American Physical Society The Back Page* (online text at www.aps.org accessed 6/15/2013).
- . 2006b. "Sermons and Straw Men." *Nature* **443** (26 October): 914-915.
- . 2010. "Cosmic Evolution." *Evolution: Education & Outreach* **3** (June): 193-197.
- . 2012. *A Universe from Nothing: Why There Is Something Rather than Nothing*. New York: The Free Press.
- . 2015a. "No, Astrobiology Has Not Made the Case for God." *The New Yorker* (24

- January): online text accessed 1/31/2015 (*newyorker.com*).
- . 2015b. “UNC Isn’t Charlie Hebdo, and Thomas Paine Isn’t Osama Bin Laden.” Huffington Post *The Blog* posting 13 February (online text at *huffingtonpost.com* accessed 2/14/2015).
- . 2015c. “Teaching Doubt.” *The New Yorker* (15 March): online text accessed 3/17/2015 (*newyorker.com*).
- . 2015d. “All Scientists Should Be Militant Atheists.” *The New Yorker* (8 September): online text accessed 9/10/2015 (*newyorker.com*).
- . 2015e. “Ben Carson’s Scientific Ignorance.” *The New Yorker* (28 September): online text accessed 9/30/2015 (*newyorker.com*).
- . 2016. “Donald Trump’s War on Science.” *The New Yorker* (13 December): online text accessed 12/15/2016 (*newyorker.com*).
- Krauss, Lawrence M., & Richard Dawkins.** 2007. “Should Science Speak to Faith?” *Scientific American* **297** (July): 88-91.
- Krauss, Lawrence M., Scott Dodelson, & Stephan Meyer.** 2010. “Primordial Gravitational Waves and Cosmology.” *Science* **328** (21 May): 989-992.
- Krauss, Lawrence M., & Glenn D. Starkman.** 1999. “The Fate of Life in the Universe.” *Scientific American* **281** (November): 58-65.
- Kraut, Daniel A., Kate S. Carroll, & Daniel Herschlag.** 2003. “Challenges in Enzyme Mechanism and Energetics.” *Annual Review of Biochemistry* **72**: 517-571.
- Kravtsov, Andrey V., Oleg Y. Gnedin, & Anatoly A. Klypin.** 2004. “The Tumultuous Lives of Galactic Dwarfs and the Missing Satellites Problem.” *The Astrophysical Journal* **609** (10 July): 482-497.
- Kravtsov, S., M. G. Wyatt, J. A. Curry, & A. A. Tsonis.** 2015. “Comment on ‘Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures’.” *Science* **350** (11 December): 1326.
- Kray, Laura J., Linda D. George, Katie A. Liljenquist, Adam D. Galinsky, Philip E. Tetlock, & Neal J. Roese.** 2010. “From What *Might* Have Been to What *Must* Have Been: Counterfactual Thinking Creates Meaning.” *Journal of Personality and Social Psychology* **98** (January): 106-118.
- Krebs, Christopher B.** 2012. *A Most Dangerous Book: Tacitus’s Germania from the Roman Empire to the Third Reich*. New York: W. W. Norton & Co.
- Krebs, Dennis L., & Kathy Denton.** 2009. “Benign folie à deux: The social construction of positive illusions.” *Behavioral and Brain Sciences* **32** (6): 525-526.
- Krebs, Jack.** 1999a. “The Science Standards Issue in Kansas.” *Jack Krebs* undated posting (online text at *www.sunflower.com/~jkrebs* accessed 6/8/2001).
- . 1999b. “Analysis of the Kansas Science Standards Adopted in August: Sources of the Additions Made to the Science Committee’s 5th Draft Showing Material taken from the Abrams/Willis Draft 8A.” *Jack Krebs* undated posting (online text at *www.sunflower.com/~jkrebs* accessed 6/13/2001).
- . 2001a. “A Response to the Intelligent Design Network’s Proposals to Include ‘Intelligent Design’ in the Kansas Science Standards.” *Jack Krebs* 12 February posting (online text at *www.sunflower.com/~jkrebs* accessed 4/8/2002).
- . 2001b. “Darwin, Design and Democracy II A Dissenting View: What is Wrong about ID, and Why it Shouldn’t be Taught as Science.” *Jack Krebs* 30 June posting (online text at *www.sunflower.com/~jkrebs* accessed 11/21/2013).
- . 2004. “Is Beckwith Right? Does MN entail PN?” *Panda’s Thumb* posting on 27 March (online text at *pandastumb.org* accessed 8/9/2013).
- . 2005. “Kansas Evolution Hearings: Summary of the Background to the Kansas ‘Science Hearings’ of May, 2005.” *The TalkOrigins Archive* 1 July posting (online text at *talkorigins.org* accessed 7/7/2005).
- . 2006. “Do the Kansas standards say ‘Teach ID?’ I say ‘yes’.” *Panda’s Thumb* posting 10 February (online text at *pandastumb.org* accessed 11/21/2013).
- . 2010. “Dembski Coming Clean—He’s a Creationist ~~YEC~~.” *Panda’s Thumb* revised

- posting 22 October (online text at pandasthumb.org accessed 10/24/2010).
- Krebs, Jack, & Steve Case.** 1999. "Creationists Secretly Authored Kansas Science Standards, Kansas Citizens for Science Members Charge." *Jack Krebs* 10 December posting (online text at www.sunflower.com/~jkrebs accessed 6/8/2001).
- Krecioch, Joseph R.** 2014. "Examining the relationship between skull size and dental anomalies." *Bulletin of the International Association for Paleodontology* (Zabreg, Croatia) **8** (2): 224-232.
- Kreckel, H., H. Bruhns, M. Čížek, S. C. O. Glover, K. A. Miller, X. Urbain, & D. W. Savin.** 2010. "Experimental Results for H₂ Formation from H⁻ and H and Implications for First Star Formation." *Science* **329** (2 July): 69-71.
- Kreft, Holger, & Walter Jetz.** 2013. "Comment on 'An Update of Wallace's Zoogeographic Regions of the World'." *Science* **341** (26 July): 343.
- Kreiman, Gabriel, Itzhak Fried, & Christof Koch.** 2002. "Single-neuron correlates of subjective vision in the human medial temporal lobe." *Proceedings of the National Academy of Sciences* **99** (11 June): 8378-8383.
- Kreimer, Anat, Elhanan Borenstein, Uri Gophna, & Eytan Ruppín.** 2005. "The evolution of modularity in bacterial metabolic networks." *Proceedings of the National Academy of Sciences* **105** (13 May): 6976-6981.
- Krekelberg, Bart, Markus Lappe, & David Whitney, Patrick Cavanagh.** 2000. "The Position of Moving Objects," comments with response by **David M. Eagleman, & Terrence J. Sejnowski.** *Science* **289** (18 August): 1107a.
- Krem, Maxwell M., & Enrico Di Cera.** 2002. "Evolution of enzyme cascades from embryonic development to blood coagulation." *Trends in Biochemical Sciences* **27** (February): 67-74.
- Krembs, Christopher, Hajo Eicken, & Jody W. Deming.** 2011. "Exopolymer alteration of physical properties of sea ice and implications for ice habitability and biogeochemistry in a warmer Arctic." *Proceedings of the National Academy of Sciences* **108** (1 March): 3653-3658.
- Kremer, Jesse, Robin Vos, David Murphy, Scott Allen, Janel Brandtjen, Robert Brooks, Cindi Duchow, Cody Horlacher, Rob Hutton, Terry Katsma, Joel Kleefisch, Daniel R. Knodl, Dale Kooyenga, Mike Kuglitsch, Bob Kulp, Jeffrey Mursau, Kevin Petersen, Romaine Quinn, Mike Rohrkaste, Joe Sanfelippo, Ken Skowronski, John Spiros, Gary Tauchen, Jeremy Thiesfeldt, Paul Tittl, Ron Tusler, Tyler Vorpapel, Chuck Wichgers, Sheila Harsdorf, David Craig, Chris Kapenga, Frank Lasee, & Duey Stroebel.** 2017. "Assembly Bill 299." Introduced Wisconsin Assembly legislation (online pdf at docs.legis.wisconsin.gov accessed 6/29/2017).
- Krepel, Terry.** 2006. "The Masters of WorldNetDaily." *Conwebwatch* 19 May posting (online text at conwebwatch.tripod.com accessed 3/17/2011).
- Kresge, Nicole, Victor D. Vacquier, & C. David Stout.** 2001. "Abalone lysin: the dissolving and evolving sperm protein." *BioEssays* **23** (January): 95-103.
- Kress, Daniel, Evelien van Bokhorst, & David Lentink.** 2015. "How Lovebirds Maneuver Rapidly Using Super-Fast Head Saccades and Image Feature Stabilization." *PLoS ONE* (online @ plosone.org) **10** (June): e0129287.
- Kret, Mariska E., Linda Jaasma, Thomas Bionda, & Jasper G. Wijnen.** 2016. "Bonobos (*Pan paniscus*) show an attentional bias towards conspecifics' emotions." *Proceedings of the National Academy of Sciences* **113** (5 April): 3761-3766.
- Kretzel, Lasia.** 2013. "Scientists use U of S synchrotron to study dinosaur skin." *Saskatoon News* 29 April posting (online text at www.ckom.com accessed 8/21/2013).
- Kreutzer, Michel, & Verena Aebischer.** 2015. "The Riddle of Attractiveness: Looking for an 'Aesthetic Sense' Within the Hedonic Mind of the Beholders," in Hoquet (2015, 263-287).
- Kreuzbauer, G., N. Gratzl, & E. Hiebl,** eds. 2008. *Rhetorische Wissenschaft: Rede und Argumentation in Theorie und Praxis.* Vienna: LIT-Verlag.
- Kreysing, Moritz, Roland Pusch, Dorothee Haverkate, Meik Landsberger, Jacob Engelmann, Janina Ruitter, Carlos Mora-Ferrer, Elke Ulbricht, Jens Grosche, Kristian Franze, Stefan Streif, Sarah Schumacher, Felix Makarov, Johannes Kacza,**

- Jochen Guck, Hartwig Wolburg, James K. Bowmaker, Gerhard von der Emde, Stefan Schuster, Hans-Joachim Wagner, Andreas Reichenbach, & Mike Francke.** 2012. "Photonic Crystal Light Collectors in Fish Retina Improve Vision in Turbid Water." *Science* **336** (29 June): 1700-1703.
- KRGV.** 2015. "Texas Case Mulls if Home-school Kids Have to Learn Something." *KRGV* (Rio Grande Valley, TX) 1 November posting (online text at www.krgv.com accessed 11/2/2015).
- Krieger, Michael J. B., Jean-Bernard Billeter, & Laurent Keller.** 2000. "Ant-like task allocation and recruitment in cooperative robots." *Nature* **406** (31 August): 992-995.
- Kriegs, Jan Ole, Gennady Churakov, Jerzy Jurka, Jürgen Brosius, & Jürgen Schmitz.** 2007. "Evolutionary history of 7SL RNA-derived SINEs in Supraprimates." *Trends in Genetics* **23** (April): 158-161.
- Kriegs, Jan Ole, Jürgen Schmitz, Wojciech Makalowski, & Jürgen Brosius.** 2005. "Does the AD7c-NTP locus encode a protein?" *Biochimica et Biophysica Acta* (Gene Structure and Expression) **1727** (21 January): 1-4.
- Kriete, Trenton, David C. Noelle, Jonathan D. Cohen, & Randall C. O'Reilly.** 2013. "Indirection and symbol-like processing in the prefrontal cortex and basal ganglia." *Proceedings of the National Academy of Sciences* **110** (8 October): 16390-16395.
- Krijgsman, W., S. Gaboardi, F. J. Hilgen, S. Iaccarino, E. de Kaenel, & E. van der Laan.** 2004. "Revised astrochronology for the Ain el Beida section (Atlantic Morocco): No glacio-eustatic control for the onset of the Messinian Salinity Crisis." *Stratigraphy* **1** (1): 87-101.
- Kring, David A., & Barbara A. Cohen.** 2002. "Cataclysmic bombardment throughout the inner Solar System 3.9–4.0 Ga." *Journal of Geophysical Research: Planets* (1991-2012) **107** (February): 4-1-4-6.
- Krings, M., T. N. Taylor, & N. Dotzler.** 2013. "Fossil evidence of the zygomycetous fungi." *Persoonia: Molecular Phylogeny and Evolution of Fungi* **30** (June): 1-10.
- Krings, Matthias, Helga Geisert, Ralf W. Schmitz, Heike Krainitzkit, & Svante Pääbo.** 1999. "DNA sequence region II from the Neandertal type specimen." *Proceedings of the National Academy of Sciences* **96** (11 May): 5581-5585.
- Krings, Matthias, Anne Stone, Ralf W. Schmitz, Heike Krainitzkit, Mark Stoneking, & Svante Pääbo.** 1997. "Neandertal DNA Sequences and the Origin of Modern Humans." *Cell* **90** (11 July): 19-30.
- Krisch, Joshua A.** 2014. "Monkey See, Monkey Speak." *Scientific American* posting 19 December (online text at scientificamerican.com accessed 12/23/2014).
- Krisch, Michael, D. L. Farber, R. Xu, Daniele Antonangeli, C. M. Aracne, Alexandre Beraud, Tai-Chang Chiang, J. Zarestky, Duck Young Kim, Eyvaz I. Isaev, Rajeev Ahuja, & Börje Johansson.** 2011. "Phonons of the anomalous element cerium." *Proceedings of the National Academy of Sciences* **108** (7 June): 9342-9345.
- Krishnamurthy, Ramanarayanan.** 2010. "A Search for Structural Alternatives of RNA." NAI Workshop Without Walls *Molecular Paleontology and Resurrection* 8 November presentation (online text at astrobiology.nasa.gov accessed 11/17/2010).
- . 2012. "Role of pK_a of Nucleobases in the Origins of Chemical Evolution." *Accounts of Chemical Research* **45** (December): 2035-2044.
- Krishnan, M. S.** 1966. "Salt tectonics in the Punjab Salt Range, Pakistan." *The Geological Society of America GSA Bulletin* **77** (January): 115-122.
- Krishnan, Rajaraman, Jessica L. Goodman, Samrat Mukhopadhyay, Chris D. Pacheco, Edward A. Lemke, Ashok A. Deniz, & Susan Lindquist.** 2012. "Conserved features of intermediates in amyloid assembly determine their benign or toxic states." *Proceedings of the National Academy of Sciences* **109** (10 July): 11172-11177.
- Krishnan, Srinivasan, Barry G. Hall, & Michael L. Sinnott.** 1995. "Catalytic consequences of experimental evolution: catalysis by a 'third-generation' evolvant of the second β -galactosidase of *Escherichia coli*, ebg^{abcde} , and by ebg^{abcd} , a 'second-generation' evolvant containing two supposedly 'kinetically silent' mutations." *Biochemical Journal* **312** (15

- December): 971-977.
- Krishnan, Sudha, Karlie A. Intlekofer, Leah K. Aggison, & Sandra L. Peterson.** 2009. "Central role of TRAF-interacting protein in a new model of brain sexual differentiation." *Proceedings of the National Academy of Sciences* **106** (29 September): 16692-16697.
- Kristensen, Anders R., Joerg Gsponer, & Leonard J. Foster.** 2014. "Protein synthesis rate is the predominant regulator of protein expression during differentiation." *Molecular Systems Biology* (online @ molecularsystemsbiology.com) **9** (21 July): 689.
- Kristensen, Niels P.** 1999. "Phylogeny of endopterygote insects, the most successful lineage of living organisms." *European Journal of Entomology* **96** (3): 237-233.
- Kristof, Nicholas D.** 2006. "A Modest Proposal for a Truce on Religion." *The New York Times The Opinion Pages* posting 3 December (online text at select.nytimes.com accessed 9/7/2013).
- . 2016a. "A Confession of Liberal Intolerance." *The New York Times The Opinion Pages* posting 7 May (online text at www.nytimes.com accessed 6/15/2016).
- . 2016b. "The Liberal Blind Spot." *The New York Times The Opinion Pages* posting 28 May (online text at www.nytimes.com accessed 6/15/2016).
- Kristoffersen, Y., & N. Mikkelsen,** eds. 2004. *Scientific drilling in the Arctic Ocean and the site survey challenge: Tectonic, paleoceanographic and climatic evolution of the Polar Basin*. JEODI Workshop, Copenhagen, Denmark (January 2003). Copenhagen: Geological Survey of Denmark and Greenland.
- Kristol, William.** 2011. "Stand for Freedom." *The Weekly Standard* 14 February posting (online text at www.weeklystandard.com accessed 2/9/2011).
- Kritsky, Gene.** 1987. "Fossil Insects: Pests of Creation." *Creation/Evolution* **7** (Spring): 13-19.
- . 1991. "Darwin's Madagascan Hawk Moth Prediction." *American Entomologist* **37** (Winter): 206-210.
- . 2011. "A new insect order and the origin of wings." *American Entomologist* **57** (Fall): 130.
- Kriwacki, Richard W., Ludger Hengst, Linda Tennant, Steven I. Reed, & Peter E. Wright.** 1996. "Structural studies of p21Waf1/Cip1/Sdi1 in the free and Cdk2-bound state: conformational disorder mediates binding diversity." *Proceedings of the National Academy of Sciences* **93** (15 October): 11504-11509.
- Kriwacki, Richard W., & Mi-Kyung Yoon.** 2011. "Fishing in the Nuclear Pore." *Science* **333** (1 July): 44-45.
- Krizek, Beth A., & Jennifer C. Fletcher.** 2005. "Molecular mechanisms of flower development: An armchair guide." *Nature Reviews Genetics* **6** (September): 688-698.
- Krizek, Beth Allyn, & Elliot M. Meyerowitz.** 1996. "Mapping the protein regions responsible for the functional specificities of the *Arabidopsis* MADS domain organ-identity proteins." *Proceedings of the National Academy of Sciences* **93** (30 April): 4063-4070.
- Krizman, Jennifer, Viorica Marian, Anthony Shook, Erika Skoe, & Nina Kraus.** 2012. "Subcortical encoding of sound is enhanced in bilinguals and relates to executive function advantages." *Proceedings of the National Academy of Sciences* **109** (15 May): 7877-7881.
- Kroes, Geert-Jan, Cristina Díaz, Ernst Pijper, Roar A. Olsen, & Daniel J. Auerbach.** 2010. "Apparent failure of the Born-Oppenheimer static surface model for vibrational excitation of molecular hydrogen on copper." *Proceedings of the National Academy of Sciences* **107** (7 December): 20881-20886.
- Kröger, Björn.** 2007. "Some Lesser Known Features of the Ancient Cephalopod Order Ellesmerocerida (Nautiloidea, Cephalopoda)." *Palaeontology* **50** (May): 565-572.
- Kröger, Björn, Thomas Servais, & Yunbai Zhang.** 2009. "The Origin and Initial Rise of Pelagic Cephalopods in the Ordovician." *PLoS ONE* (online @ plosone.org) **4** (September): e7262.
- Kröger, Björn, Jakob Vinther, & Dirk Fuchs.** 2011. "Cephalopod origin and evolution: A congruent picture emerging from fossils, development and molecules." *BioEssays* **33** (August): 602-613.
- Kröger, Nils.** 2009. "The Molecular Basis of Nacre Formation." *Science* **325** (11 September):

- 1351-1352.
- Kröger, Ronald H. H., & Oliver Biehlmaier.** 2009. "Space-saving advantage of an inverted retina." *Vision Research* **49** (9 September): 2318-2321.
- Kroh, Andreas, & Andrew B. Smith.** 2010. "The phylogeny of classification of post-Palaeozoic echinoids." *Journal of Systematic Palaeontology* **8** (June): 147-212.
- Kroll, David.** 2012. "Rep. Todd Akin (R-MO) serves on House Committee on Science, Space, and Technology." *PLOS Blogs* 19 August posting (online text at *blogs.plos.org* accessed 8/22/2012).
- Kroll, Judith F., & Rhonda McClain.** 2013. "What bilinguals tell us about culture, cognition, and language." *Proceedings of the National Academy of Sciences* **110** (9 July): 11219-11220.
- Kromik, Andreas, Reiner Ulrich, Marian Kusenda, Andreas Tipold, Veronika M. Stein, Maren Hellige, Peter Dziallas, Frieder Hadlich, Philipp Widmann, Tom Goldammer, Wolfgang Baumgärtner, Jürgen Rehage, Dierck Segelke, Rosemarie Weikard, & Christa Kühn.** 2015. "The Mammalian Cervical Vertebrae Blueprint Depends on the *T* (*brachyury*) Gene." *Genetics* **199** (March): 873-883.
- Kron, Kathleen A.** 1996. "Phylogenetic Relationships of Empetraceae, Epacridaceae, Ericaceae, Monotropaceae, and Pyrolaceae: Evidence from Nuclear Ribosomal 18s Sequence Data." *Annals of Botany* **77** (April): 293-303.
- Kron, K. A., W. S. Judd, P. F. Stevens, D. M. Crayn, A. A. Anderberg, P. A. Gadek, C. J. Quinn, & J. L. Luteyn.** 2002. "Phylogenetic Classification of Ericaceae: Molecular and Morphological Evidence." *The Botanical Review* **68** (July-September): 335-423.
- Kröner, A., & R. J. Stern.** 2004. "Pan-African Orogeny," in Selley *et al.* (2004, 1-12).
- Kroos, Lee.** 2005. "Eukaryotic-like signaling and gene regulation in a prokaryote that undergoes multicellular development." *Proceedings of the National Academy of Sciences* **102** (22 February): 2681-2682.
- Kropohl, Eva, Kaili Rimfeld, Nicholas G. Shakeshaft, Maciej Trzaskowski, Andrew McMillan, Jean-Baptiste Pingault, Kathryn Asbury, Nicole Harlaar, Yulia Kovas, Philip S. Dale, & Robert Plomin.** 2014. "The high heritability of educational achievement reflects many genetically influenced traits, not just intelligence." *Proceedings of the National Academy of Sciences* **111** (2 October): 15273-15278.
- Krosch, Amy R., & David M. Amodio.** 2014. "Economic scarcity alters the perception of race." *Proceedings of the National Academy of Sciences* **111** (24 June): 9079-9084.
- Kross, Ethan, Marc G. Berman, Walter Mischel, Edward E. Smith, & Tor D. Wager.** 2011. "Social rejection shares somatosensory representations with physical pain." *Proceedings of the National Academy of Sciences* **108** (12 April): 6270-6275.
- Krot, A. N., Y. Amelin, P. Bland, F. J. Ciesela, J. Connelly, A. M. Davis, G. R. Huss, I. D. Hutcheon, K. Makide, K. Nagashima, L. E. Nyquist, S. S. Russell, E. R. D. Scott, K. Thrane, H. Yurimoto, & Q.-Z. Yin.** 2009. "Origin and chronology of chondrite components: A review." *Geochimica et Cosmochimica Acta* **73** (1 September): 4963-4997.
- Krot, Alexander N., Yuri Amelin, Patrick Cassens, & Anders Meibom.** 2005. "Young chondrules in CB chondrites from a giant impact in the early Solar System." *Nature* **436** (18 August): 989-992.
- Krot, Alexander N., & Martin Bizzarro.** 2006. "Chronology of meteorites and the early solar system." *Geochimica et Cosmochimica Acta* **73** (1 September): 4919-4921.
- Krot, Alexander N., Anders Meibom, Sara S. Russell, Conel M. O'D. Alexander, Timothy E. Jeffries., & Klaus Keil.** 2001. "A New Astrophysical Setting for Chondrule Formation." *Science* **291** (2 March): 1776-1779.
- Krot, Alexander N., Kazuhide Nagashima, Martin Bizzarro, Gary R. Huss, Andrew M. Davis, Bradley S. Meyer, & Alexander A. Ulyanov.** 2008. "Multiple Generations of Refractory Inclusions in the Metal-Rich Carbonaceous Chondrites Acfer 182/214 and Isheyev." *The Astrophysical Journal* **672** (1 January): 713-721.
- Kroto, Harold, Richard Roberts, Elias J. Corey, Steven Weinberg, Herbert Kroemer, Roderick MacKinnon, Douglas D. Osheroff, Alan J. Heeger, Robert Curl, Kurt**

- Wüthrich, Martin Chalfie, Jack W. Szostak, Phillip A. Sharp, Craig C. Mello, Stanley Prusiner, Roger Y. Tsien, David Gross, Roger Kornberg, Robert Howard Grubbs, Sidney Altman, Jerome I. Friedman, Thomas A. Steitz, Venki Ramakrishnan, Horst Stormer, Peter C. Doherty, Gerard Ertl, Richard Schrock, John L. Hall, Riccardo Giacconi, Wolfgang Ketterle, Jack Steinberger, Robert C. Richardson, Frank Wilczek, Alexei Abrikosov, Roy Glauber, Susumu Tonegawa, Anthony J. Leggett, Russell Hulse, Eric Wieschaus, Rudolph A. Marcus, William D. Phillips, Dudley Herschbach, John Mather, Walter Kohn, Leon Lederman, Ivar Giaever, Paul Berg, James Cronin, Johann Deisenhofer, Paul Crutzen, Sheldon Glashow, Phil Anderson, Aaron Ciechanover, Erwin Neher, Gerardus 't Hooft, Adam Riess, John Polanyi, Robert Horvitz, Claude Cohen-Tannoudji, Christian de Duve, Brian Schmidt, Roald Hoffmann, Arvid Carlson, Antony Hewish, Ben R. Mottelson, Richard R. Ernst, Murray Gell-Mann, Marlo Molina, Torsten Wiesel, Avram Herhsko, Albert Fert, David Lee, David Baltimore, Peter Agre, Roger Guillemin, Alfred Gilman, & E. Donnall Thomas. 2011. "The Repeal is Public!" *Repealing the Louisiana Science Education Act* press release 16 February (online text at www.repealcreationism.com accessed 2/17/2011).
- Krotov, Dmitry, Julien O. Dubuis, Thomas Gregor, & William Bialek.** 2014. "Morphogenesis at criticality." *Proceedings of the National Academy of Sciences* **111** (11 March): 3683-3688.
- Krubitzer, Leah A., & Adele M. H. Seelke.** 2012. "Cortical evolution in mammals: The bane and beauty of phenotypic variability." *Proceedings of the National Academy of Sciences* **109** (26 June): 10647-10654.
- Krucoff, Mitchell W., Suzanne W. Crater, & Kerry I. Lee.** 2006. "From efficacy to safety concerns: A STEP forward or a step back for clinical research and intercessory prayer?: The Study of Therapeutic Effects of Intercessory Prayer (STEP)." *American Heart Journal* **151** (April): 762-764.
- Krueger, James M., & Sandip Roy.** 2016. "Sleep's Kernel." *The Scientist* posting 1 March (online text at the-scientist.com accessed 3/1/2016).
- Krueger, Joachim I.** 2001. "Null Hypothesis Significance Testing." *American Psychologist* **56** (January): 16-26.
- . 2010. "Why I don't believe in precognition." *One Among Many* posting 24 October (online text at psychologytoday.com accessed 1/6/2011).
- Krug, Andrew Z., & David Jablonski.** 2012. "Long-term origination rates are reset only at mass extinctions." *Geology* **40** (August): 731-734.
- Krug, Warren.** 1997. "Created Fossils? Has God Deceived Us?" Lutheran Science Institute *LSI Journal* November-December article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 1999a. "World of Science Takes Another Step Toward Biblical Truth." Lutheran Science Institute *LSI Journal* May-August article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 1999b. "The End of the Peppered Moths as an Argument for Evolution." Lutheran Science Institute *LSI Journal* November-December article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2000. "Dinosaurs in the Bible?" Lutheran Science Institute *LSI Journal* March-August article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2002. "Yes, Adam and Eve were Pretty Smart." Lutheran Science Institute *LSI Journal* March-April article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2003. "The Vapor Canopy Theory—Is It in Trouble?" Lutheran Science Institute *LSI Journal* May-August article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2005. "Speed of Light Slowing Down?" Lutheran Science Institute *LSI Journal* January-February article posting (online text at lutheranscience.org accessed 2/19/2013).
- . 2006. "Shaky Creationism: Questionable Arguments Sometimes Used by Creationists." Lutheran Science Institute *LSI Journal* May-August article posting (online text at

- lutheranscience.org* accessed 2/19/2013).
- . 2008a. “Comets, the Oort Cloud, and the Kuiper Belt.” Lutheran Science Institute *LSI Journal* January-February article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2008b. “Is Evolution to Blame for Two Attacks in Finland?” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2009a. “Mount St. Helens, Surtsey, and the Age of the Earth.” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2009b. “The Age of the Earth – Part 2.” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2010. “What Swallowed Jonah?” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2011. “The Enigma of Living Fossils.” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- . 2012. “The Cambrian Explosion Paradox.” Lutheran Science Institute *LSI Journal* article posting (online text at *lutheranscience.org* accessed 2/19/2013).
- Krugel, Lea K., Guido Biele, Peter N. C. Mohr, Shu-Chen Li, & Hauke R. Heekeren.** 2009. “Genetic variation in dopaminergic neuromodulation influences the ability to rapidly and flexibly adapt decisions.” *Proceedings of the National Academy of Sciences* **106** (20 October): 17951-17956.
- Kruger, Ashley, Bruce S. Rubidge, Fernando Abdala, Elizabeth Gomani Chindebvu, & Louis L. Jacobs.** 2015. “*Lende chiweta*, a New Therapsid from Malawi, and Its Influence on Burnetiamorph Phylogeny and Biogeography.” *Journal of Vertebrate Paleontology* **36** (November): e1008698.
- Kruger, Justin, Steven Chan, & Neal Roese.** 2009. “(Not so) positive illusions.” *Behavioral and Brain Sciences* **32** (6): 526-527.
- Kruger, Justin, & David Dunning.** 1999. “Unskilled and Unaware of It: How Difficulties in Recognizing One’s Own Incompetence Lead to Inflated Self-Assessments.” *Journal of Personality and Social Psychology* **77** (December): 1121-1134.
- Kruger, Michael J.** 2006. Book review of Ehrman *Misquoting Jesus*. *Journal of the Evangelical Theological Society* **49** (June): 387-391.
- Kruger, Robert S.** 2003. “Narrative in Play: The Structure of the Imagination in Psychotherapy with Young Children,” in Phillips & Morley (2003a, 225-232).
- Krugman, Paul.** 2014a. “Disinformation on Inequality.” *The Conscience of a Liberal* posting 2 January (online text at *krugman.blogs.nytimes.com* accessed 1/2/2014).
- . 2014b. “Bodyguard of Zombies, Counterattack by Cockroaches.” *The Conscience of a Liberal* posting 2 January (online text at *krugman.blogs.nytimes.com* accessed 1/2/2014).
- . 2014c. “Interests, Ideology and Climate.” *The New York Times* opinion posting 8 June: online text accessed 6/15/2014 (*www.nytimes.com*).
- Kruijer, Thomas S., Christoph Burkhardt, Gerrit Budde, & Thorsten Kleine.** 2017. “Age of Jupiter inferred from the distinct genetics and formation times of meteorites.” *Proceedings of the National Academy of Sciences* **114** (27 June): 6712-6716.
- Kruijer, T. S., M. Touboul, M. Fischer-Gödde, K. R. Bermingham, R. J. Walker, & T. Kleine.** 2014. “Protracted core formation and rapid accretion of protoplanets.” *Science* **344** (6 June): 1150-1154.
- Krull, Maren, Jürgen Brosius, & Jürgen Schmitz.** 2005. “Alu-SINE Exonization: En Route to Protein-Coding Function.” *Molecular Biology and Evolution* **22** (August): 1702-1711.
- Krumer, Alex, Tal Shavit, & Mosi Rosenboim.** 2011. “Why do professional athletes have different time preferences than non-athletes?” *Judgment and Decision Making* **6** (August): 542-551.
- Krumholz, Mark R., & Jonathan C. Tan.** 2007. “Slow Star Formation in Dense Gas: Evidence and Implications.” *The Astrophysical Journal* **654** (1 January): 304-315.
- Krumlauf, Robb.** 1994. “*Hox* Genes in Vertebrate Development.” *Cell* **78** (29 July): 191-201.
- Krummenacher, Peter, Christine Mohr, Helene Haker, & Peter J. Brugger.** 2010.

- “Dopamine, paranormal belief, and the detection of meaningful stimuli.” *Journal of Cognitive Neuroscience* **22** (August): 1670-1681.
- Krupa, James.** 2015. “Defending Darwin.” *Onion Magazine* (February) posting (online text at onionmagazine.org accessed 3/26/2015).
- Krupenye, Christopher, Fumihiko Kano, Satoshi Hirata, Josep Call, & Michael Tomasello.** 2016. “Great apes anticipate that other individuals will act according to false beliefs.” *Science* **354** (7 October): 110-114.
- Krupic, Julija, Neil Burgess, & John O’Keefe.** 2012. “Neural Representations of Location Composed of Spatially Periodic Bands.” *Science* **337** (17 August): 853-857.
- Krupkin, Miri, Donna Matzov, Hua Tang, Markus Metz, Rinat Kalaora, Matthew J. Belousoff, Ella Zimmerman, Anat Bashan, & Ada Yonath.** 2011. “A vestige of a prebiotic bonding machine is functioning within the contemporary ribosome.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **366** (October): 2972-2978.
- Krupovic, Mart, & Eugene V. Koonin.** 2017. “Multiple origins of viral capsid proteins from cellular ancestors.” *Proceedings of the National Academy of Sciences* **114** (21 March): E2401-E2410.
- Krupovic, Mart, Kira S. Makarova, Patrick Forterre, David Prangishvili, & Eugene V. Koonin.** 2014. “Casposons: a new superfamily of self-synthesizing DNA transposons at the origin of prokaryotic CRISPR-Cas immunity.” *BMC Biology* (online @ biomedcentral.com) **12** (19 May): 36.
- Krupp, E. C., ed.** 1978. *In Search of Ancient Astronomies*. Garden City, NY: Doubleday.
- . 1983. *Echoes of the Ancient Skies: The astronomy of lost civilizations*. New York: Plume Books (Penguin Group).
- . 1997. *Skywatchers, Shamans & Kings: Astronomy and the Archaeology of Power*. New York: John Wiley & Sons, Inc.
- Kruse, Dennis.** 2011. “Senate Bill 0089.” Introduced Version of Indiana Senate legislation (online text at www.in.gov accessed 12/30/2011).
- Kruse, Dennis, Travis Holdman, Mike Delph, Jim Banks, & Scott Schneider.** 2012a. “Senate Bill 0089.” Introduced Version of Indiana Senate legislation (online text at www.in.gov accessed 2/3/2012).
- . 2012b. “Senate Bill 0089.” Revised Version of Indiana Senate legislation (online text at www.in.gov accessed 2/3/2012).
- Kruse, Dennis, Travis Holdman, Greg Walker, & Jeffrey Thompson.** 2014. Letter of 10 March to Jo Ann Gora (President of Ball State University) and Board of Trustees (online pdf at discovery.org accessed 3/28/2014).
- Kruse, Kevin M.** 2015. *One Nation Under God: How Corporate America Invented Christian America*. New York: Basic Books.
- Kruta, Isabelle, Neil Landman, Isabelle Rouget, Fabrizio Cecca, & Paul Tafforeau.** 2011. “The Role of Ammonites in the Mesozoic Marine Food Web Revealed by Jaw Preservation.” *Science* **331** (7 January): 70-72.
- Krützen, Michael, Janet Mann, Michael R. Heithaus, Richard C. Connor, Lars Bejder, & William B. Sherwin.** 2005. “Cultural transmission of tool use in bottlenose dolphins.” *Proceedings of the National Academy of Sciences* **102** (21 June): 8939-8943.
- Kryazhimskiy, Sergey, & Michael M. Desai.** 2014. “Refining a key metabolic innovation in *Escherichia coli*.” *Proceedings of the National Academy of Sciences* **111** (11 February): 2056-2057.
- Kryazhimskiy, Sergey, Jeremy A. Draghi, & Joshua B. Plotkin.** 2011. “In Evolution, the Sum Is Less than Its Parts.” *Science* **332** (3 June): 1160-1161.
- Kryazhimskiy, Sergey, Daniel P. Rice, Elizabeth R. Jerison, & Michael M. Desai.** 2014. “Global epistasis makes adaptation predictable despite sequence-level stochasticity.” *Science* **344** (27 June): 1519-1522.
- Kryazhimskiy, Sergey, Gašper Tkačik, & Joshua B. Plotkin.** 2009. “The dynamics of adaptation on correlated fitness landscapes.” *Proceedings of the National Academy of*

- Sciences* **106** (3 November): 18638-18643.
- Krylov, Dmitri M., Yuri I. Wolf, Igor B. Rogozin, & Eugene V. Koonin.** 2003. “Gene Loss, Protein Sequence Divergence, Gene Dispensability, Expression Level, and Interactivity Are Correlated in Eukaryotic Evolution.” *Genome Research* **13** (October): 2229-2235.
- Krywaniuk, Andrew.** 1997. “Creation Seminars by Kent Hovind.” University of Waterloo (Ontario, Canada) 10 October *Imprint* student newspaper posting (online text at *imprint.uwaterloo.ca* accessed 1/31/2002, not available as of 1/15/2014).
- Krzemiński, Wiesław, Ewa Krzemińska, & Dariusz Wojciechowski.** 2010. “Silurian synziphosurine horseshoe crab *Pasternakevia* revisited.” *Acta Palaeontologica Polonica* **55** (1): 133-139.
- Krzemiński, Wiesław, Agnieszka Soszyńska-Maj, Alexei S. Bashkuev, & Katarzyna Kopeć.** 2015. “Revision of the unique Early Cretaceous Mecoptera from Koonwarra (Australia) with description of a new genus and family.” *Cretaceous Research* **52B** (January): 501-506.
- Ksepka, Daniel T.** 2014. “Flight performance of the largest volant bird.” *Proceedings of the National Academy of Sciences* **111** (22 July): 10624-10629.
- Ksepka, Daniel T., & Clint A. Boyd.** 2012. “Quantifying historical trends in the completeness of the fossil record and the contributing factors: an example using Aves.” *Paleobiology* **38** (Winter): 112-125.
- Ksepka, Daniel T., R. Ewan Fordyce, Tatsuro Ando, & Craig M. Jones.** 2012. “New fossil penguins (Aves, Sphenisciformes) from the Oligocene of New Zealand reveal the skeletal plan of stem penguins.” *Journal of Vertebrate Paleontology* **32** (February): 235-254.
- Ksepka, Daniel T., Thomas A. Stidham, & Thomas E. Williamson.** 2017. “Early Paleocene landbird supports rapid phylogenetic and morphological diversification of crowd birds after the K-Pg mass extinction.” *Proceedings of the National Academy of Sciences* **114** (25 July): 8047-8052.
- Ksepka, Daniel T., & Daniel B. Thomas.** 2012. “Multiple cenozoic invasions of Africa by penguins (Aves, Sphenisciformes).” *Proceedings of the Royal Society of London B* (Biological Sciences) **279** (7 March): 1027-1032.
- Ksionzek, Kerstin B., Oliver J. Lechtenfeld, S. Leigh McCallister, Philippe Schmitt-Kopplin, Jana K. Geuer, Walter Geibert, & Boris P. Koch.** 2016. “Dissolved organic sulfur in the ocean: Biogeochemistry of a petagram inventory.” *Science* **354** (28 October): 456-459.
- KSLA.** 2014. “Sabine school board responds to ACLU suit over religious harassment.” *KSLA* 29 January Associated Press updated posting (online text at *www.ksla.com* accessed 2/1/2014).
- Ku, Chuan, Shijulal Nelson-Sathi, Mayo Roettger, Sriram Garg, Einat Hazkani-Covo, & William F. Martin.** 2015. “Endosymbiotic gene transfer from prokaryotic pangenomes: Inherited chimerism in eukaryotes.” *Proceedings of the National Academy of Sciences* **112** (18 August): 10139-10146.
- Ku, Chuan, Shijulal Nelson-Sathi, Mayo Roettger, Filipa L. Sousa, Peter J. Lockhart, David Bryant, Einat Hazkani-Covo, James O. McInerney, Giddy Landan, & William F. Martin.** 2015. “Endosymbiotic origin and differential loss of eukaryotic genes.” *Nature* **524** (27 August): 427-432.
- Ku, Chuan, & William F. Martin.** 2016. “A natural barrier to lateral gene transfer from prokaryotes to eukaryotes revealed from genomes: the 70 % rule.” *BMC Biology* (online @ *biomedcentral.com*) **14** (17 October): 89.
- Ku, Kim W. C., Man Wai Mak, & Wan-Chi Siu.** 2000. “A Study of the Lamarckian Evolution of Recurrent Neural Networks.” *IEEE Transactions on Evolutionary Computation* **4** (April): 31-42.
- Ku, Maurice S. B., Yuriko Kano-Murakami, & Makoto Matsuoka.** 1996. “Evolution and Expression of C₄ Photosynthesis Genes.” *Plant Physiology* **111** (August): 949-957.
- Kua, Crystal.** 2001a. “Educators: Creation theory not scientific; Creationism can be taught, but not in science class, teachers and scientists say.” Honolulu *Star-Bulletin* (28 July) posting (online text at *home.honolulu.hawaii.edu* accessed 3/26/2014).
- . 2001b. “Ed board rejects Bible as science: The BOE votes unanimously against teaching

- multiple theories of origin.” Honolulu *Star-Bulletin* posting 3 August: online text accessed 1/2/2014 (archives.starbulletin.com).
- Kuban, Glen J.** 1986a. “Review of ICR Impact Article 151.” Access Research Network *Origins & Design* (AKA *Origins Research*) **9** (Spring/Summer): 10-13.
- . 1986b. “A Summary of the Taylor Site Evidence.” *Creation/Evolution* **6** (Winter): 10-18.
- . 1997. “Sea-monster or Shark? An Analysis of a Supposed Plesiosaur Carcass Netted in 1977.” *Reports of the National Center for Science Education* **17** (May-June): 16-28.
- . 2002. “Moab Man – Malachite Man.” *Kuban’s Paluxy Website* posting (online text at paleo.cc accessed 5/28/2009).
- . 2006. “The London Hammer: An Alleged Out-of-Place Artifact.” *Kuban’s Paluxy Website* updated posting (online text at paleo.cc accessed 1/13/2016).
- . 2008a. “Onyate Man.” *Kuban’s Paluxy Website* posting (online text at paleo.cc accessed 1/16/2014).
- . 2008b. “The Zapata Track.” *Kuban’s Paluxy Website* posting (online text at paleo.cc accessed 12/29/2015).
- . 2010. “Fossil Tracks and Other Trace Fossils Falsify Flood Geology.” *Kuban’s Paluxy Website* posting (online text at paleo.cc accessed 11/6/2010).
- . 2011. “Stegosaurus Carving on a Cambodian Temple?” *Kuban’s Paluxy Website* posting (online text at paleo.cc accessed 11/16/2011).
- Kubasek, Nancy, & Daniel Tagliarina.** 2006. “Failed Lessons of History: The Predictable Shortcomings of the Partial-Birth Abortion Ban Act.” *University of Maryland Law Journal of Race, Religion, Gender and Class* **6** (1): 159-196.
- Kubatko, Laura S., & Dennis K. Pearl.** 2011. “Seeing the Trees in Your Terrace.” *Science* **333** (22 July): 411-412.
- Kubinak, Jason L., James S. Ruff, Cornelius Whitney Hyzer, Patricia R. Slev, & Wayne K. Potts.** 2012. “Experimental viral evolution to specific host *MHC* genotypes reveals fitness and virulence trade-offs in alternative *MHC* types.” *Proceedings of the National Academy of Sciences* **109** (28 February): 3422-3427.
- Kübler, Simon, Peter Owenga, Sally C. Reynolds, Stephen M. Rucina, & Geoffrey C. P. King.** 2015. “Animal movements in the Kenya Rift and evidence for the earliest ambush hunting by hominins.” *Scientific Reports* (online @ www.nature.com/srep/) **5** (15 September): 14011.
- Kublio, James G., Joseph F. Cortese, Eric Mbindo Njunju, Rabia A. G. Mukadam, Jack J. Wirima, Peter N. Kazembe, Abdoulaye A. Djimdé, Bourema Kouriba, Terrie E. Taylor, & Christopher V. Plowe.** 2003. “Remergence of Chloroquine-Sensitive *Plasmodium falciparum* Malaria after Cessation of Chloroquine Use in Malawai.” *The Journal of Infectious Diseases* **187** (15 June): 1870-1875.
- Kubo, Daisuke, Reiko T. Kono, & Yousuke Kaifu.** 2013. “Brain size of *Homo floresiensis* and its evolutionary implications.” *Proceedings of the Royal Society of London B* (Biological Sciences) **280** (7 June): 20130338.
- Kubo, Nakaoo, & Shin-ichi Arimura.** 2010. “Discovery of the *rpl10* Gene in Diverse Plant Mitochondrial Genomes and Its Probable Replacement by the Nuclear Gene for Chloroplast RPL10 in Two Lineages of Angiosperms.” *DNA Research* **17** (February): 1-9.
- Kubori, Tomoko, Yukiyasu Matsushima, Dai Nakamura, Jaimol Uralil, Maria Lara-Tejero, Anand Sukhan, Jorge E. Galán, & Shin-Ichi Aizawa.** 1998. “Supramolecular Structure of the *Salmonella typhimurium* Type III Protein Secretion System.” *Science* **280** (24 April): 602-605.
- Kubori, Tomoko, Anand Sukhan, Shin-Ichi Aizawa, & Jorge E. Galán.** 2000. “Molecular characterization and assembly of the needle complex of the *Salmonella typhimurium* type III protein secretion system.” *Proceedings of the National Academy of Sciences* **97** (29 August): 10225-10230.
- Kubota, Takaaki, Junpei Shimono, Chie Kanameda, Yoshikazu Izumi, izawa, & Jorge E. Galán.** 2007. “The First Thermophilic α -Oxoamine Synthase Family Enzyme That Has Activities of 2-Amino-3-ketobutyrate CoA Ligase and 7-Keto-8-aminopelargonic Acid

- Synthase: Cloning and Overexpression of the Gene from an Extreme Thermophile *Thermus thermophilus*, and Characterization of Its Gene Product.” *Bioscience, Biotechnology, and Biochemistry* **71** (12): 3033-3040.
- Kucera, Michal, & Björn A. Malmgren.** 1998. “Differences between evolution of mean form and evolution of new morphotypes: an example from Late Cretaceous planktonic foraminifera.” *Paleobiology* **24** (January): 49-63.
- Kucera, Nathan J., Michael E. Hodsdon, & Sandra L. Wolin.** 2011. “An intrinsically disordered C terminus allows the La protein to assist the biogenesis of diverse noncoding RNA precursors.” *Proceedings of the National Academy of Sciences* **108** (25 January): 1308-1313.
- Kucha, H., & E. F. Stumpfl.** 1992. “Thiosulphates as precursors of banded sphalerite and pyrite at Bleiberg, Austria.” *Mineralogical Magazine* **56** (June): 165-172.
- Kuchta, Matt.** 2009a. “Down the Rabbit Hole, part the first.” *Research at a snail’s pace* posting 14 October (online text at pascals-puppy.blogspot.com accessed 1/7/2011).
- . 2009b. “Down the Rabbit Hole, part the second.” *Research at a snail’s pace* posting 15 October (online text at pascals-puppy.blogspot.com accessed 1/7/2011).
- . 2009c. “Down the Rabbit Hole, third iteration.” *Research at a snail’s pace* posting 16 October (online text at pascals-puppy.blogspot.com accessed 1/7/2011).
- . 2009d. “Down the Rabbit Hole, fourth verse.” *Research at a snail’s pace* posting 20 October (online text at pascals-puppy.blogspot.com accessed 1/7/2011).
- . 2009e. “Young-Earth Creationism at GSA.” *Research at a snail’s pace* posting 23 October (online text at pascals-puppy.blogspot.com accessed 1/7/2011).
- Kuciak, Monika, Caroline Gabus, Roland Ivanyi-Nagy, Katharina Semrad, Roman Storchak, Olivier Chaloin, Sylviane Muller, Yves Mély, & Jean-Luc Darlix.** 2008. “The HIV-1 transcriptional activator Tat has potent nucleic acid chaperoning activities *in vitro*.” *Nucleic Acids Research* **36** (June #10): 3389-3400.
- Kudla, Grzegorz, Sander Granneman, Daniela Hahn, Jean D. Beggs, & David Tollervey.** 2011. “Cross-linking, ligation, and sequencing of hybrids reveals RNA-RNA interactions in yeast.” *Proceedings of the National Academy of Sciences* **108** (14 June): 10010-10015.
- Kudla, Grzegorz, Andrew W. Murray, David Tollervey, & Joshua B. Plotkin.** 2009. “Coding-Sequence Determinants of Gene Expression in *Escherichia coli*.” *Science* **324** (10 April): 255-258.
- Kudoh, Tetsuhiro, & Igor B. Dawid.** 2001. “Role of the *iroquois3* homeobox gene in organizer formation.” *Proceedings of the National Academy of Sciences* **98** (3 July): 7852-7857.
- Kudryavtsev, Anatoliy B., J. William Schopf, David G. Agresti, & Thomas J. Wdowiak.** 2001. “*In situ* laser-Raman imagery of Precambrian microscopic fossils.” *Proceedings of the National Academy of Sciences* **98** (30 January): 823-826.
- Kuechmann, F. C.** 2000. “More High Comedy From Timothy Wallace of TRUE HOGWASH.” *No Answers in Genesis* posting (online text at noanswersingenesis.org.au accessed 12/6/2009).
- Kuepfer, Lars, Uwe Sauer, & Lars M. Blank.** 2005. “Metabolic functions of duplicate genes in *Saccharomyces cerevisiae*.” *Genome Research* **15** (October): 1421-1430.
- Kuga, Maïa, Bernard Marty, Yves Marrocchi, & Laurent Tissandier.** 2015. “Synthesis of refractory organic matter in the organized gas phase of the solar nebula.” *Proceedings of the National Academy of Sciences* **112** (9 June): 7129-7134.
- Kugler, Charles.** 1978. “Pygidial Glands in the Myrmicine Ants (Hymenoptera, Formicidae).” *Insectes Sociaux, Paris* **25** (3): 267-274.
- Kugler, Jamie E., Yale J. Passamaneck, Taya G. Feldman, Jeni Beh, Todd W. Regnier, & Anna Di Gregorio.** 2008. “Evolutionary Conservation of Vertebrate Notochord Genes in the Ascidian *Ciona intestinalis*.” *Genesis: The Journal of Genetics and Development (AKA Developmental Genetics)* **46** (November): 697-710.
- Kuharsky, Andrew L., & Aaron L. Fogelson.** 2001. “Surface-Mediated Control of Blood Coagulation: The Role of Binding Site Densities and Platelet Deposition.” *Biophysical Journal* **80** (March): 1050-1074.

- Kuhl, Brice A., Jesse Rissman, Marvin M. Chun, & Anthony D. Wagner.** 2011. "Fidelity of neural reactivation reveals competition between memories." *Proceedings of the National Academy of Sciences* **108** (5 April): 5903-5908.
- Kühl, Hjalmar S., Ammie K. Kalan, Mimi Arandjelovic, Floris Aubert, Lucy D'Auvergne, Annemarie Goedmakers, Sorrel Jones, Laura Kehoe, Sebastien Regnaut, Alexander Tickle, Els Ton, Joost van Schijndel, Ekwoje E. Abwe, Samuel Angedakin, Anthony Agbor, Emmanuel Ayuk Ayimisin, Emma Bailey, Mattia Bessone, Matthieu Bonnet, Gregory Brazolla, Valentine Ebua Buh, Rebecca Chancellor, Chloe Cipoletta, Heather Cohen, Katherine Corogenes, Charlotte Coupland, Bryan Curran, Tobias Deschner, Karsten Dierks, Paula Dieguez, Emmanuel Dilambaka, Orume Diotoh, Dervla Dowd, Andrew Dunn, Henk Eshuis, Rumen Fernandez, Yisa Ginath, John Hart, Daniela Hedwig, Martijn Ter Heegde, Thurston Cleveland Hicks, Inaoyom Imong, Kathryn J. Jeffery, Jessica Junker, Parag Kadam, Mohamed Kambi, Ivonne Kienast, Deo Kujirakwinja, Kevin Langergraber, Vincent Lapeyre, Juan Lapuente, Kevin Lee, Vera Leinert, Amelia Meier, Giovanna Maretti, Sergio Marrocoli, Tanyi Julius Mbi, Vianet Mihindou, Yasmin Moebius, David Morgan, Bethan Morgan, Felix Mulindahabi, Mizuki Murai, Protais Niyigabae, Emma Normand, Nicolas Ntare, Lucy Jayne Ormsby, Alex Piel, Jill Pruetz, Aaron Rundus, Crickette Sanz, Volker Sommer, Fiona Stewart, Nikki Tagg, Hilde Vanleeuwe, Virginie Vergnes, Jacob Willie, Roman M. Wittig, Klaus Zuberbuehler, & Christophe Boesch.** 2016. "Chimpanzee accumulative stone throwing." *Scientific Reports* (online @ www.nature.com/srep/) **6** (29 February): 22219.
- Kuhl, Patricia K.** 2003. "Human speech and birdsong: Communication and the social brain." *Proceedings of the National Academy of Sciences* **100** (19 August): 9645-9646.
- . 2011. "Who's Talking?" *Science* **333** (29 July): 529-530.
- Kuhl, Patricia K., Jean Andruski, Inna A. Chistovich, Ludmilla A. Chistovich, Elena V. Kozhevnikova, Viktoria L. Ryskina, Elvira I. Stolyarova, Ulla Sunderberg, & Francisco Lacerda.** 1997. "Cross-Language Analysis of Phonetic Units in Language Addressed to Infants." *Science* **277** (1 August): 684-686.
- Kuhl, Patricia K., Rey R. Ramirez, Alexis Bosseler, Jo-Fu Lotus Lin, & Toshiaki Imada.** 2014. "Infants' brain responses to speech suggest Analysis by Synthesis." *Proceedings of the National Academy of Sciences* **111** (5 August): 11238-11245.
- Kuhl, Patricia K., Feng-Ming Tsao, & Hwei-Mei Liu.** 2003. "Foreign-language experience in infancy: Effects of short-term exposure and social interaction on phonetic learning." *Proceedings of the National Academy of Sciences* **100** (22 July): 9096-9101.
- Kuhl, Patricia K., Karen A. Williams, Francisco Lacerda, Kenneth N. Stevens, & Björn Lindholm.** 1992. "Linguistic Experience Alters Phonetic Perception In Infants by 6 Months of Age." *Science* **255** (31 January): 606-608.
- Kühl, Stefan.** 1994. *The Nazi Connection: Eugenics, American Racism, and German National Socialism*. 2002 pb ed. New York: Oxford University Press.
- Kuhlen, Michael, Piero Madau, & Joseph Silk.** 2009. "Exploring Dark Matter with Milky Way Substructure." *Science* **325** (21 August): 970-973.
- Kuhlman, K. R., W. G. Fusco, M. T. La Duc, L. B. Allenbach, C. L. Ball, G. M. Kuhlman, R. C. Anderson, I. K. Erickson, T. Stuecker, J. Benardini, J. L. Strap, & R. L. Crawford.** 2006. "Diversity of Microorganisms within Rock Varnish in the Whipple Mountains, California." *Applied and Environmental Microbiology* **72** (February): 1708-1715.
- Kuhlwilm, Martin, Ilan Gronau, Melissa J. Hubisz, Cesare de Filippo, Javier Prado-Martinez, Martin Kircher, Qiaomei Fu, Hernán A. Burbano, Carles Lalueza-Fox, Marco de la Rasilla, Antonio Rosas, Pavao Rudan, Dejana Brajkovic, Željko Kucan, Ivan Gušić, Tomas Marques-Bonet, Aida M. Andrés, Bence Viola, Svante Pääbo, Matthias Meyer, Adam Siepel, & Sergi Castellano.** 2016. "Ancient gene flow from early modern humans into Eastern Neanderthals." *Nature* **530** (25 February): 429-433.
- Kuhn, Christoph.** 2001. "Computer-modeling origin of a simple genetic apparatus." *Proceedings of the National Academy of Sciences* **98** (17 July): 8620-8625.
- Kuhn, Deanna.** 1993. "Connecting Scientific and Informal Reasoning." *Merrill-Palmer*

- Quarterly* **39** (January): 74-103.
- Kuhn, Deanna, & Susan Pearsall.** 2000. "Developmental Origins of Scientific Thinking." *Journal of Cognition and Development* **1** (1): 113-129.
- Kuhn, Gerrit, Mohamed Hijri, & Ian R. Sanders.** 2001. "Evidence for the multiple genomes in arbuscular mycorrhizal fungi." *Nature* **414** (13 December): 745-748.
- Kuhn, J., K. Hardenacke, D. Lenartz, T. Gruendler, M. Ullsperger, C. Bartsch, K. Mai, K. Zilles, A. Bauer, A. Matusch, R-J. Schulz, M. Noreik, C. P. Bührle, D. Maintz, C. Woopen, P. Häussermann, M. Hellmich, J. Klosterkötter, J. Wiltfang, M. Maauouf, H-J. Freund, & V. Saturn.** 2015. "Deep brain stimulation of the nucleus basalis of Meynert in Alzheimer's dementia." *Molecular Psychiatry* **20** (March): 353-360.
- Kuhn, Joseph.** 2012a. "Dissecting Darwinism." *Proceedings of the Baylor University Medical Center* **25** (January): 41-47.
- . 2012b. "Dissecting Darwinism ... and Obesity." *Texas Association of Bariatric Surgeons* posting (online pdf at txtabs.org accessed 3/12/2012).
- Kühn, Simone, & Jürgen Gallinat.** 2014. "Brain Structure and Functional Connectivity Associated With Pornography Consumption: The Brain on Porn." *JAMA Psychiatry* **71** (July): 827-834.
- Kuhn, Steven L., & Mary C. Stiner.** 2006. "What's a Mother to Do?" *Current Anthropology* **47** (December): 953-980.
- Kuhn, Thomas S.** 1970. *The Structure of Scientific Revolutions*. 2nd ed. Chicago: University of Chicago Press.
- Kuhn, Wolfgang.** 1991. "What a Body!" *Answers in Genesis* 1 March posting (online text at www.answersingenesis.org accessed 12/28/2011).
- Kühne, Henriette, & Gerald F. Joyce.** 2003. "Continuous In Vitro Evolution of Ribozymes That Operate Under Conditions of Extreme pH." *Journal of Molecular Evolution* **57** (September): 292-298.
- Kühne, Rainer Walter.** 2010. "The Archaeological Search for Tartessos-Tarshish-Atlantis in the Donana National Park." *American Chronicle* 25 November posting (online text at www.americanchronicle.com accessed 3/14/2011).
- Kühner, Sebastian, Vera van Noort, Matthew J. Betts, Alejandra Leo-Macias, Claire Batisse, Michaela Rode, Takuji Yamada, Tobias Maier, Samuel Bader, Pedro Beltran-Alvarez, Daniel Castaño-Diez, Wei-Hua Chen, Damien Devos, Marc Güell, Tomas Norambuena, Ines Racke, Vladimir Rybin, Alexander Schmidt, Eva Yus, Ruedl Aebersold, Richard Herrmann, Bettina Böttcher, Achilleas S. Frangakis, Robert B. Russell, Luis Serrano, Peer Bork, & Anne-Claude Gavin.** 2009. "Proteome Organization in a Genome-Reduced Bacterium." *Science* **326** (27 November): 1235-1240.
- Kuhns, Scott T., & Gerald F. Joyce.** 2003. "Perfectly Complementary Nucleic Acid Enzymes." *Journal of Molecular Evolution* **56** (June): 711-717.
- Kuhnt, Wolfgang, Florian Luderer, Sandra Nederbragt, Jürgen Thurow, & Thomas Wagner.** 2005. "Orbital-scale record of the late Cenomanian-Turonian oceanic anoxic event (OAE-2) in the Tarfaya Basin (Morocco)." *International Journal of Earth Sciences* **94** (February): 147-159.
- Kuijper, Sanne, Annemiek Beverdam, Carla Kroon, Antje Brouwer, Sophie Candille, Gregory Barsh, & Frits Meijlink.** 2005. "Genetics of shoulder girdle formation: roles of Tbx15 and aristaless-like genes." *Development (AKA Journal of Embryology and Experimental Morphology)* **132** (1 April): 1601-1610.
- Kuijt, Ian, & Bill Finlayson.** 2009. "Evidence for food storage and predomestication granaries 11,000 years ago in the Jordan Valley." *Proceedings of the National Academy of Sciences* **106** (7 July): 10966-10970.
- Kuiper, K. F., A. Deino, F. J. Hilgen, W. Krijgsman, P. R. Renne, & J. R. Wijbrans.** 2008. "Synchronizing Rock Clocks of Earth History." *Science* **320** (25 April): 500-504.
- Kukulová-Peck, Jarmila.** 1978. "Origin and evolution of insect wings and their relation to metamorphosis, as documented by the fossil record." *Journal of Morphology* **156** (April): 53-125.

- . 1983. “Origin of the insect wing and wing articulation from the arthropodan leg.” *Canadian Journal of Zoology* **61** (July): 1618-1669.
- . 1985. “Ephemeroïd wing venation based upon new gigantic Carboniferous mayflies and basic morphology, phylogeny, and metamorphosis of pterygote insects (Insecta, Ephemeroïda).” *Canadian Journal of Zoology* **63** (April): 933-955.
- . 1987. “New Carboniferous Diplura, Monura, and Thysanura, the hexapod ground plan, and the role of thoracic side lobes in the origin of wings (Insecta).” *Canadian Journal of Zoology* **65** (October): 2327-2345.
- . 1992. “The ‘Uniramia’ do not exist: the ground plan of the Pterygota as revealed by Permian Diaphanopteroïdea from Russia (Insecta: Paleodictyopteroïdea).” *Canadian Journal of Zoology* **70** (February): 236-255.
- Kukalová-Peck, Jarmila, & Carsten Brauckmann.** 1992. “Most Paleozoic Protorthoptera are ancestral hemipteroïds: major wing braces as clues to a new phylogeny of Neoptera (Insecta).” *Canadian Journal of Zoology* **70** (December): 2452-2473.
- Kukreti, Shrikant, Jian-Sheng Sun, Thérèse Garestier, & Claude Hélène.** 1997. “Extension of the range of DNA sequences available for triple helix formation: stabilization of mismatched triplexes by acridine-containing oligonucleotides.” *Nucleic Acids Research* **25** (1 November): 4264-4270.
- Kukreti, Shrikant, Jian-Sheng Sun, David Loakes, Daniel M. Brown, Chi-Hung Nguyen, Emile Bisdagni, Thérèse Garestier, & Claude Hélène.** 1998. “Triple helices formed at oligopyrimidine[bull] oligopurine sequences with base pair inversions: effect of a triplex-specific ligand on stability and selectivity.” *Nucleic Acids Research* **26** (1 May): 2179-2183.
- Kulesa, Holger, Gail Turk, & Brigid L. M. Hogan.** 2000. “Inhibition of Bmp signaling affects growth and differentiation in the anagen hair follicle.” *The EMBO Journal* **19** (15 December): 6664-6674.
- Kulikovsky, Andrew S.** 2000. “A Critique of the Literary Framework View of the Days of Creation.” 5 January article posting (online pdf at www.kulikovskyonline.net accessed 9/14/2013).
- . 2008. “Creationism, science and peer review.” *Journal of Creation* (AKA Answers in Genesis *Creation ex Nihilo Technical Journal*) **22** (1): 44-49.
- . 2009. “Science and the Authority of Scripture (Part 2).” Undated article posting (online pdf at www.hermeneutics.kulikovskyonline.net accessed 11/16/2014).
- Kulich, Dmitry, & Kevin Struhl.** 2001. “TFIIS Enhances Transcriptional Elongation through an Artificial Arrest Site In Vivo.” *Molecular and Cellular Biology* **21** (July): 4162-4168.
- Kull, Steven, Clay Ramsay, Stephen Weber, Evan Lewis, Ebrahim Mohseni, Mary Speck, Melanie Ciolek, & Melinda Brouwer.** 2007. “Muslim Public Opinion on US Policy, Attacks on Civilians and al Qaeda,” 24 April poll by The Program on International Policy Studies at the University of Maryland (online pdf at WorldPublicOpinion.org accessed 7/2/2011).
- Kullerud, Kåre, Pritam Nasipuri, Erling J. K. Ravna, & Rune S. Selbekk.** 2012. “Formation of corundum megacrysts during H₂O-saturated incongruent melting of feldspar: P-T pseudosection-based modelling from the Skattøra migmatite complex, North Norwegian Caledonides.” *Contributions to Mineralogy and Petrology* **164** (4): 627-641.
- Kullmann, Ernst J.** 1972. “Evolution of Social Behavior in Spiders (Araneae; Eresidae and Theridiidae).” *Integrative and Comparative Biology* (AKA *American Zoologist*) **12** (August): 419-426.
- Kulp, J. Laurence.** 1950. “Deluge Geology.” *Perspectives on Science and Christian Faith* (AKA *Journal of the ASA*) **2** (March): 1-15.
- Kulp, T. R., S. E. Hoefft, M. Asao, M. T. Madigan, J. T. Hollibaugh, J. C. Fisher, J. F. Stolz, C. W. Culbertson, L. G. Miller, & R. S. Oremland.** 2008. “Arsenic(III) Fuels Anoxygenic Photosynthesis in Hot Spring Biofilms from Mono Lake, California.” *Science* **321** (15 August): 967-970.
- Kültz, Dietmar.** 2003. “Evolution of the cellular stress proteome: from monophyletic origin to

- ubiquitous function.” *The Journal of Experimental Biology* **206** (15 September): 3119-3124.
- Kumala, Marcus.** 2010a. “The Gummy Tree Challenge—Building Connections One Treat at a Time.” *Evolution: Education & Outreach* **3** (December): 520-525.
- . 2010b. “The Neverending Story—Using the Narrative as a Fundamental Approach to Teaching Biology and Beyond.” *Evolution: Education & Outreach* **3** (December): 526-531.
- . 2010c. “A Natural History of You.” *Evolution: Education & Outreach* **3** (December): 532-538.
- Kumar, Anand, & Kamaluddin.** 2013. “Possible Role of Metal(II) Octacyanomolybdate(IV) in Chemical Evolution: Interaction with Ribose Nucleotides.” *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **43** (February): 1-17.
- Kumar, Anoop, Phillip B. Gates, Anna Czarkwiani, & Jeremy P. Brockes.** 2015. “An orphan gene is necessary for preaxial digit formation during salamander limb development.” *Nature Communications* (online @ nature.com) **6** (26 October): 8684.
- Kumar, Anugrah.** 2013. “John Brennan Chooses Not to Use the Bible for Swearing In as CI Director.” *The Christian Post* (12 March): online text accessed 3/14/2013 (*christianpost.com*).
- . 2016. “Millennials Agree With Marx More Than the Bible, Study Finds.” *The Christian Post* (29 October): online text accessed 11/7/2016 (*christianpost.com*).
- Kumar, Anup, Eyal Capua, Manoj K. Kesharwani, Jan M. L. Martin, Einat Sitbon, David H. Waldeck, & Ron Naaman.** 2017. “Chirality-induced spin polarization places symmetry constraints on biomolecular interactions.” *Proceedings of the National Academy of Sciences* **114** (7 March): 2474-2478.
- Kumar, Dipti, & Akshay Kapoor.** 2012. “Human Tail: Nature’s Aberration.” *Journal of Child Neurology* **27** (July): 924-926.
- Kumar, M. Senthil, & Kevin C. Chen.** 2012. “Evolution of animal Piwi-interacting RNAs and prokaryotic CRISPRs.” *Briefings in Functional Genomics* **11** (July): 277-288.
- Kumar, Pankaj, Jordan Anaya, Suresh B. Mudunuri, & Anindya Dutta.** 2014. “Meta-analysis of tRNA derived RNA fragments reveals that they are evolutionarily conserved and associate with AGO proteins to recognize RNA targets.” *BMC Biology* (online @ biomedcentral.com) **12** (1 October): 78.
- Kumar, Rakesh, Clayton R. Hunt, Arun Gupta, Suraj Nannepaga, Raj K. Pandita, Jerry W. Shay, Robert Bachoo, Thomas Ludwig, Dennis K. Burns, & Tej K. Pandita.** 2011. “Purkinje cell-specific males absent on the first (*mMof*) gene deletion results in an ataxia-telangiectasia-like neurological phenotype and backward walking in mice.” *Proceedings of the National Academy of Sciences* **108** (1 March): 3636-3641.
- Kumar, Roshan M., & Gerald F. Joyce.** 2003. “A modular, bifunctional RNA that integrates itself into a target RNA.” *Proceedings of the National Academy of Sciences* **100** (19 August): 9738-9743.
- Kumar, Sanjay.** 2017. “Critics assail India’s attempt to ‘validate’ folk remedy.” *Science* **355** (3 March): 898.
- Kumar, Satish, Claire Bellis, Mark Zlojutro, Phillip E. Melton, John Blangero, & Joanne E. Curran.** 2011. “Large scale mitochondrial sequencing in Mexican Americans suggests a reappraisal of Native American origins.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (7 October): 293.
- Kumar, Siddharth Krishna, Marcus W. Feldman, David H. Rehkopf, & Shripad Tuljapurkar.** 2016a. “Limitations of GCTA as a solution to the missing heritability problem.” *Proceedings of the National Academy of Sciences* **113** (5 January): E61-E70.
- . 2016b. “Reply to Yang et al.: GCTA produces unreliable heritability.” *Proceedings of the National Academy of Sciences* **113** (9 August): E4581.
- Kumar, Sudhir.** 2005. “Molecular clocks: four decades of evolution.” *Nature Reviews Genetics* **6** (August): 654-662.
- Kumar, Sudhir, Alan Filipowski, Vinod Swarna, Alan Walker, & S. Blair Hedges.** 2005.

- “Placing confidence limits on the molecular age of the human-chimpanzee divergence.” *Proceedings of the National Academy of Sciences* **102** (27 December): 18842-18847.
- Kumar, Sudhir, & Sankar Subramanian.** 2002. “Mutation rates in mammalian genomes.” *Proceedings of the National Academy of Sciences* **99** (22 January): 803-808.
- Kumar, Vipul, Frederick W. Alt, & Richard L. Frock.** 2016. “PAXX and XLF DNA repair factors are functionally redundant in joining DNA breaks in a G1-arrested progenitor B-cell line.” *Proceedings of the National Academy of Sciences* **113** (20 September): 10519-10524.
- Kumaramanickavel, G., M. J. Denton, & M. Legge.** 2015. “No evidence for a genetic blueprint: The case of the ‘complex’ mammalian photoreceptor.” *Indian Journal of Ophthalmology* **63** (April): 353-354.
- Kumazawa, Yoshinori, & Mutsumi Nishida.** 2000. “Molecular Phylogeny of Osteoglossoids: A New Model for Gondwanian Origin and Plate Tectonic Transportation of the Asian Arowana.” *Molecular Biology and Evolution* **17** (December): 1869-1878.
- Kümmerli, Rolf, & Sam P. Brown.** 2010. “Molecular and regulatory properties of a public good shape the evolution of cooperation.” *Proceedings of the National Academy of Sciences* **107** (2 November): 18921-18926.
- Kump, Lee R.** 2005. “Ironing Out Biosphere Oxidation.” *Science* **307** (18 February): 1058-1059.
- . 2009. “Tipping Pointedly Colder.” *Science* **323** (27 February): 1175-1176.
- . 2010. “Earth’s Second Wind.” *Science* **330** (10 December): 1490-1491.
- . 2011. “The Last Great Global Warming.” *Scientific American* **305** (July): 56-61.
- . 2014. “Hypothesized link between Neoproterozoic greening of the land surface and the establishment of an oxygen-rich atmosphere.” *Proceedings of the National Academy of Sciences* **111** (30 September): 14062-14065.
- . 2016. “Mineral clues to past volcanism.” *Science* **352** (22 April): 411-412.
- Kump, Lee R., Christopher Junium, Michael A. Arthur, Alex Brasier, Anthony Fallick, Victor Melezhik, Aivo Lepland, Alenka E. Čičme, & Genming Luo.** 2011. “Isotopic Evidence for Massive Oxidation of Organic Matter Following the Great Oxidation Event.” *Science* **334** (23 December): 1694-1696.
- Kümpornsin, Krittikorn, Charin Modchang, Adina Heinberg, Eric H. Eckland, Piyaporn Jirawatcharadech, Pornpimol Chobson, Nattida Suwanakitti, Sastra Chaotheing, Prapon Wilairat, Kirk W. Deitsch, Sumalee Kamchonwongpaisan, David A. Fidock, Laura A. Kirkman, Yongyuth Yuthavong, & Thanat Chookajorn.** 2014. “Origin of Robustness in Generating Drug-Resistant Malaria Parasites.” *Molecular Biology and Evolution* **31** (July): 1649-1660.
- Kun, Ádám, Mauro Santos, & Eörs Szathmáry.** 2005. “Real ribozymes suggest a relaxed error threshold.” *Nature Genetics* **37** (September): 1008-1011.
- Kun, Ádám, & Eörs Szathmáry.** 2015. “Fitness Landscapes of Functional RNAs.” *Life* (online @ www.mdpi.com) **5** (August): 1497-1517.
- Kunda, Ziva.** 1990. “The Case for Motivated Reasoning.” *Psychological Bulletin* **108** (November): 480-498.
- Kundakovic, Marija, Kathryn Gudsnuk, Julie B. Herbstman, Deliang Tang, Frederica P. Perera, & Frances A. Champagne.** 2015. “DNA methylation of BDNF as a biomarker of early life adversity.” *Proceedings of the National Academy of Sciences* **112** (2 June): 6807-6813.
- Kundanati, Lakshminath, & Namrata Gundiah.** 2014. “Biomechanics of substrate boring by fig wasps.” *The Journal of Experimental Biology* **217** (1 June): 1946-1954.
- Kundrát, Martin.** 2004. “When Did Theropods Become Feathered?—Evidence for Pre-Archaeopteryx Feathery Appendages.” *Journal of Experimental Zoology* **302B** (15 July): 355-364.
- . 2007. “Avian-like attributes of a virtual brain model of the oviraptorid theropod *Conchoraptor gracilis*.” *Naturwissenschaften* **94** (June): 499-504.
- Kundrát, Martin, Václav Seichert, Anthony P. Russell, & Karel Smetana Jr.** 2002.

- “Pentadactyl Pattern of the Avian Wing Autopodium and Pyramid Reduction Hypothesis.” *Journal of Experimental Zoology* **294** (15 August): 152-159.
- Kunert, Richard, & L. Robert Slevc.** 2015. “A Commentary on: ‘Neural overlap in processing music and speech.’” *Frontiers in Human Neuroscience* (online @ frontiersin.org) **9** (3 June): 330.
- Kung, Ching.** 2005. “A possible unifying principle for mechanosensation.” *Nature* **436** (4 August): 647-654.
- Kung, Chun-Chia, Jessie J. Peissig, & Michael J. Tarr.** 2007. “Is Region-of-Interest Overlap Comparison a Reliable Measure of Category Specificity?” *Journal of Cognitive Neuroscience* **19** (December): 2019-2034.
- Kung, Johnny T. Y., David Colognori, & Jennie T. Lee.** 2013. “Long Noncoding RNAs: Past, Present, and Future.” *Genetics* **193** (March): 651-669.
- Kunihiro, Takuya, Alan E. Rubin, Kevin D. McKeegan, & John T. Wasson.** 2004. “Initial ²⁶Al/²⁷Al in carbonaceous-chondrite chondrules: Too little ²⁶Al to melt asteroids.” *Geochimica et Cosmochimica Acta* **68** (1 July): 2947-2957.
- Kunin, Calvin M.** 2008. “Why Did It Take the Infectious Diseases Society of America So Long to Address the Problem of Antibiotic Resistance?” *Clinical Infectious Diseases* **46** (1 June): 1791-1792.
- Kunin, Victor.** 2000. “A System of Two Polymerases—A Model for the Origin of Life.” *Origins of Life and Evolution of Biospheres* (AKA *OoL&E of the Biosphere*) **30** (October): 459-466.
- Kunitomo, Yoshiki, Isao Sarashina, Minoru Iijima, Kazuyoshi Endo, & Katsuo Sashida.** 2006. “Molecular phylogeny of acantharian and polycystine radiolarians based on ribosomal DNA sequences, and some comparisons with data from the fossil record.” *European Journal of Protistology* **42** (July): 143-153.
- Künnapuu, Jaana, Ida Björkgren, & Osamu Shimmi.** 2009. “The *Drosophila* DPP signal is produced by cleavage of its proprotein at evolutionary diversified furin-recognition sites.” *Proceedings of the National Academy of Sciences* **106** (26 May): 8501-8506.
- Kunst, Jonas R., Ronald Fischer, Jim Sidanius, & Lotte Thomsen.** 2017. “Preferences for group dominance track and mediate the effects of macro-level social inequality and violence across societies.” *Proceedings of the National Academy of Sciences* **114** (23 May): 5407-5412.
- Kunte, K., W. Zhang, A. Tenger-Trolander, D. H. Palmer, A. Martin, R. D. Reed, S. P. Mullen, & M. R. Kronforst.** 2014. “*doublesex* is a mimicry supergene.” *Nature* **507** (13 March): 229-232.
- Kuntner, Matjaž, & Ingi Agnarsson.** 2011. “Biogeography and diversification of hermit spiders on Indian Ocean islands (Nephilidae: *Nephilengys*.)” *Molecular Phylogenetics and Evolution* **59** (May): 477-488.
- Kuntner, Matjaž, Miquel A. Arnedo, Peter Trontelj, Tjaša Lokovšek, & Ingi Agnarsson.** 2013. “A molecular phylogeny of nephilid spiders: Evolutionary history of a model lineage.” *Molecular Phylogenetics and Evolution* **69** (December): 961-979.
- Kuntner, Matjaž, Matjaž Gregorič, Ren-Chung Cheng, & Daiqin Li.** 2016. “Leaf masquerade in an orb web spider.” *The Journal of Arachnology* **44** (November): 397-400.
- Kunz, Joachim, Mario Trieloff, Klaus Dieter Bobe, Knut Metzler, Dieter Stöffler, & Elmar K. Jessberger.** 1995. “The collisional history of the HED parent body inferred from ⁴⁰Ar-³⁹Ar ages of eucrites.” *Planetary and Space Science* **43** (March-April): 527-529, 531-543.
- Kunz, Werner, & Matthias Kellermeier.** 2009. “Beyond Biomineralization.” *Science* **323** (16 January): 344-345.
- Kunzig, Robert.** 2011. “World Without Ice.” *National Geographic* **220** (October): 90-109.
- Kuo, Chih-Horng.** 2015. “Scrambled and not-so-tiny genomes of fungal endosymbionts.” *Proceedings of the National Academy of Sciences* **112** (23 June): 7622-7623.
- Kuo, Chih-Horng, & Howard Ochman.** 2010. “The Extinction Dynamics of Bacterial Pseudogenes.” *PLoS Genetics* (online @ plosgenetics.org) **6** (August): e1001050.
- Kuo, Tai-Chih, & David L. Herrin.** 2000. “Quantitative studies of Mn²⁺-promoted specific and

- non-specific cleavages of a large RNA: Mn²⁺-GAAA ribozymes and the evolution of small ribozymes.” *Nucleic Acids Research* **28** (1 November): 4197-4206.
- Kuo, Wen-Jui, Tomas Sjöström, Yu-Ping Chen, Yen-Hsiang Wang, & Chen-Ying Huang.** 2009. “Intuition and Deliberation: Two Systems for Strategizing in the Brain.” *Science* **324** (24 April): 519-522.
- Kupferman, Justine, & Franck Polleux.** 2016. “Genomic remodelling in the primate brain.” *Nature* **539** (10 November): 171-172.
- Kupferschmidt, Kai.** 2015. “Virtual rat brain fails to impress its critics.” *Science* **350** (16 October): 263-264.
- . 2017. “The science of persuasion.” *Science* **356** (28 April): 366-369.
- Küpper, Clemens, Michael Stocks, Judith E. Risse, Natalie dos Remedios, Lindsay L. Farrell, Susan B. McRae, Tawna C. Morgan, Natalia Karlionova, Pavel Pinchuk, Yvonne I. Verkuil, Alexander S. Kitaysky, John C. Wingfield, Theunis Piersma, Kai Zeng, Jon Slate, Mark Blaxter, David B. Lank, & Terry Burke.** 2016. “A supergene determines highly divergent male reproductive morphs in the ruff.” *Nature Genetics* **48** (January): 79-83.
- Küppers, Michael.** 2017. “Dwarf planet Ceres and the ingredients of life.” *Science* **355** (17 February): 692-693.
- Kupriyanova, Larissa A., Werner Mayer, & Wolfgang Böhme.** 2006. “Karyotype diversity of the Eurasian lizard *Zootoca vivipara* (Jacquin, 1787) from Central Europe and the evolution of viviparity,” in Vences *et al.* (2006, 67-72).
- Kurabayashi, Atsushi, Masafumi Matsui, Daicus M. Belabut, Hoi-Sen Yong, Norhayati Ahmad, Ahmad Sudin, Mitsuru Kuramoto, Amir Hamidy, & Masayuki Sumida.** 2011. “From Antarctica or Asia? New colonization scenario for Australian-New Guinean narrow mouth toads suggested from the findings on a mysterious genus *Gastrophrynoidea*.” *BMC Evolutionary Biology* (online @ biomedcentral.com) **11** (21 June): 175.
- Kuraku, Shigehiro, & Shigeru Kuratani.** 2006. “Time Scale for Cyclostome Evolution Inferred with a Phylogenetic Diagnosis of Hagfish and Lamprey cDNA Sequences.” *Zoological Science* **23** (December): 1053-1064.
- Kuraku, Shigehiro, Axel Meyer, & Shigeru Kuratani.** 2009. “Timing of Genome Duplications Relative to the Origin of the Vertebrates: Did Cyclostomes Diverge Before or After?” *Molecular Biology and Evolution* **26** (January): 47-59.
- Kuraku, Shigehiro, Huan Qiu, & Axel Meyer.** 2012. “Horizontal transfers of Tca elements between teleost fishes and their vertebrate parasites, lampreys.” *Genome Biology and Evolution* **4** (September): 817-824.
- Kuran, Timur, & Cass R. Sunstein.** 1999. “Availability Cascades and Risk Regulation.” *Stanford Law Review* **51** (April): 683-768.
- Kuratani, Shigeru.** 2004. “Evolution of the vertebrate jaw: comparative embryology and molecular developmental biology reveal the factors behind evolutionary novelty.” *Journal of Anatomy* **205** (November): 335-347.
- . 2005. “Developmental studies of the lamprey and hierarchical evolutionary steps toward the acquisition of the jaw.” *Journal of Anatomy* **207** (November): 489-499.
- . 2012. “Evolution of the vertebrate jaw from developmental perspectives.” *Evolution & Development* **14** (January-February): 76-92.
- . 2013. “A Muscular Perspective on Vertebrate Evolution.” *Science* **341** (12 July): 139-140.
- Kuratani, Shigeru, Noritaka Adachi, Naoyuki Wada, Yasuhiro Oisi, & Fumiaki Sugahara.** 2013. “Developmental and evolutionary significance of the mandibular arch and prechordal/premandibular cranium in vertebrates: revising the heterotopy scenario of gnathostome jaw evolution.” *Journal of Anatomy* **222** (January): 41-55.
- Kuratani, Shigeru, & Tatsuya Hirasawa.** 2016. “Getting the measure of a monster.” *Nature* **532** (28 April): 447-448.
- Kuratani, Shigeru, Yoshiaki Nobusada, Naoto Horigome, & Yasuyo Shigetani.** 2001. “Embryology of the lamprey and evolution of the vertebrate jaw: insights from molecular

- and developmental perspectives.” *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **356** (October): 1615-1632.
- Kuratani, Shigeru, & Kinya G. Ota.** 2008. “Hagfish (Cyclostomata, Vertebrata): searching for the ancestral developmental plan of vertebrates.” *BioEssays* **30** (February): 167-172.
- Kurczy, Stephen.** 2009. “From Khmer Rouge torturer to born-again Christian.” *The Christian Science Monitor* (6 April): online text accessed 7/27/2010 (*csmonitor.com*).
- Kurkin, A. A.** 2011. “Permian Amonodonts: Paleobiogeography and Distribution of the Group.” *Paleontological Journal* **45** (July): 432-444.
- Kurland, Charles G.** 2000. “Something for everyone: Horizontal gene transfer in evolution.” *EMBO Reports* **1** (August): 92-95.
- Kurland, C. G., & S. G. E. Andersson.** 2000. “Origin and Evolution of the Mitochondrial Proteome.” *Microbiology and Molecular Biology Reviews* **64** (December): 786-820.
- Kurland, C. G., B. Canback, & Otto G. Berg.** 2003. “Horizontal gene transfer: A critical view.” *Proceedings of the National Academy of Sciences* **100** (19 August): 9658-9662.
- Kurland, C. G., L. J. Collins, & D. Penny.** 2006. “Genomics and the Irreducible Nature of Eukaryote Cells.” *Science* **312** (19 May): 1011-1014.
- Kurnaz, Mehmet Levent, Tugce Bilgin, & Isil Aksan Kurnaz.** 2010. “Certain Non-Standard Coding Tables Appear to be More Robust to Error Than the Standard Genetic Code.” *Journal of Molecular Evolution* **70** (January): 13-28.
- Kurochkin, E. N., & I. A. Bogdanovich.** 2010. “Origin of Feathered Flight.” *Paleontological Journal* **44** (December): 1570-1588.
- Kurokawa, Chikako, Kei Fujiwara, Masamune Morita, Ibuki Kawamata, Yui Kawagishi, Atsushi Sakai, Yoshihiro Murayama, Shin-ichiro M. Nomura, Satoshi Murata, Masahiro Takinoue, & Miho Yanagisawa.** 2017. “DNA cytoskeleton for stabilizing artificial cells.” *Proceedings of the National Academy of Sciences* **114** (11 July): 7228-7233.
- Kuroki, Yoko, Atsushi Toyoda, Hideki Noguchi, Todd D. Taylor, Takehiko Itoh, Dae-Soo Kim, Dae-Won Kim, Sang-Haeng Choi, Il-Chul Kim, Han Ho Choi, Yong Sung Kim, Yoko Satta, Naruya Saitou, Tomoyuki Yamada, Shinichi Moroshita, Masahira Hattori, Yoshiyuki Sakaki, Hong-Seog Park, & Asao Fujiyama.** 2006. “Comparative analysis of chimpanzee and human Y chromosomes unveils complex evolutionary pathway.” *Nature Genetics* **38** (February): 158-167.
- Kursar, Thomas A., Kyle G. Dexter, John Lokvam, R. Toby Pennington, James E. Richardson, Marjorie G. Weber, Eric T. Murakami, Camilla Drake, Ruth McGregor, & Phyllis D. Coley.** 2009. “The evolution of antiherbivore defenses and their contribution to species coexistence in the tropical tree genus *Inga*.” *Proceedings of the National Academy of Sciences* **106** (27 October): 18079-18084.
- Kürschner, Wolfram M., Zlatko Kvaček, & David L. Dilcher.** 2008. “The impact of Miocene atmospheric carbon dioxide fluctuations on climate and the evolution of terrestrial ecosystems.” *Proceedings of the National Academy of Sciences* **107** (15 January): 449-453.
- Kurth, Elizabeth G., Valera V. Peremyslov, Hannah L. Turner, Kira S. Makarova, Jaime Iranzo, Sergei L. Mekhedov, Eugene V. Koonin, & Valerian V. Dolja.** 2017. “Myosin-driven transport network in plants.” *Proceedings of the National Academy of Sciences* **114** (17 January): E1385-E1394.
- Kurth, Reinhard.** 2011. “Beneficial and Detrimental Effects of Human Endogenous Retroviruses.” *Robert Koch Institute Heidelberg University 20th International Leukemia Workshop* (2-3 July) lecture posting (online pdf at www.science-connections.com accessed 6/2/2014).
- Kurth, Reinhard, & Norbert Bannert.** 2010. “Beneficial and detrimental effects of human endogenous retroviruses.” *International Journal of Cancer* **126** (15 January): 306-314.
- Kurtz, Paul.** 1999. “Humanist Manifesto 2000: A Call for a New Planetary Humanism.” *Free Inquiry* **19** (Fall): 4-20.
- , ed. 2001. *Skeptical Odysseys: Personal Accounts by the World’s Leading Paranormal Inquirers*. Amherst, NY: Prometheus Books.

- Kurtz, Paul**, with **Barry Karr & Ranjit Sandhu**, eds. 2003. *Science and Religion: Are They Compatible?* Amherst, NY: Prometheus Books.
- Kurtzman, Daniel**. 2011. "The 10 Most Ridiculous Sharron Angle Quotes (So Far)." *About.com Political Humor* undated posting (online text at *politicalhumor.about.com* accessed 5/2/2011).
- Kuruppumullage Don, Prabhani, Guruprasad Ananda, Francesca Chiaromonte, & Kateryna D. Makova**. 2013. "Segmenting the human genome based on states of neutral genetic divergence." *Proceedings of the National Academy of Sciences* **110** (3 September): 14699-14704.
- Kurutz, Daveen Rae**. 2013. "Intelligent design teaching at Murrysville's Cornerstone Ministries stirs debate." *Tribune-Review* (Pittsburgh, Pennsylvania) posting 11 April: online text accessed 4/14/2013 (*triblive.com*).
- Kuryshev, V. Y., B. V. Skryabin, J. Kremerskothen, J. Jurka, & J. Brosius**. 2001. "Birth of a Gene: Locus of Neuronal BC200 snmRNA in Three Prosimians and Human BC200 Pseudogenes as Archives of Change in the Anthrozoidea Lineage." *Journal of Molecular Biology* **309** (22 June): 1049-1066.
- Kurzban, Robert**. 2011. "Two problems with 'self-deception': No 'self' and no 'deception'." *Behavioral and Brain Sciences* **34** (1): 32-33.
- . 2013a. "This One Goes to Eleven, PZ Myers, and Other Punch Lines." *The Evolutionary Psychology Blog* 11 July posting (online text at *www.epjournal.net* accessed 7/8/2015).
- . 2013b. "What Does PZ Myers Despise?" *The Evolutionary Psychology Blog* 31 July posting (online text at *www.epjournal.net* accessed 7/8/2015).
- Kurzban, Robert, & H. Clark Barrett**. 2012. "Origins of Cumulative Culture." *Science* **335** (2 March): 1056-1057.
- Kurzban, Robert, John Tooby, & Leda Cosmides**. 2001. "Can race be erased? Coalitional computation and social categorization." *Proceedings of the National Academy of Sciences* **98** (18 December): 15387-15392.
- KurzweilAI*. 2013. "Scientists discover hidden code in DNA." *Advancing Intelligence* newsletter 16 December posting (online text at *www.kurzweilai.net* accessed 12/18/2013).
- Kusakabe, Takehiro, Noriko Takimoto, Minghao Jin, & Motoyuki Tsuda**. 2009. "Evolution and the origin of the visual retinoid cycle in vertebrates." *Philosophical Transactions of the Royal Society of London B* (Biological Sciences) **364** (12 October): 2897-2910.
- Kusche, Kristina, Hilke Ruhberg, & Thorsten Burmeister**. 2002. "A hemocyanin from the Onychophora and the emergence of respiratory proteins." *Proceedings of the National Academy of Sciences* **97** (6 August): 10545-10548.
- Kusche, Lawrence David**. 1975. *The Bermuda Triangle Mystery—Solved*. New York: Harper & Row.
- . 1980. *The Disappearance of Flight 19*. New York: Harper & Row.
- Kushiner, James M.** 2004. "Darwin Under Fire." *Touchstone* (July/August): online text accessed 11/5/2010 (*www.touchstonemag.com*).
- Kushiro, Ikuo**. 2007. "Origin of magmas in subduction zones: a review of experimental studies" *Proceedings of the Japan Academy, Series B Physical and Biological Sciences* **83** (February): 1-15.
- Kushnerenko, Elena, Tuomas Teinonen, Agnes Volein, & Gergely Csibra**. 2008. "Electrophysiological evidence of illusory audiovisual speech percept in human infants." *Proceedings of the National Academy of Sciences* **105** (12 August): 11442-11445.
- Kusky, T. M., & M. Santosh**. 2009. "The Columbia connection in North China." *Geological Society, London, Special Publications* **323**: 49-71.
- Kusky, T. M., B. F. Windley, & M.-G. Zhai**. 2007. "Tectonic evolution of the North China Block: from orogen to craton to orogen." *Geological Society, London, Special Publications* **280**: 1-34.
- Kuss, Sharon K., Gavin T. Best, Chris A. Etheredge, Andrea L. Pruijssers, Johnna M. Frierson, Lora V. Hooper, Terence S. Dermody, & Julie K. Pfeiffer**. 2011. "Intestinal Microbiota Promote Enteric Virus Replication and Systemic Pathogenesis." *Science* **334**

- (14 October): 249-252.
- Kusserow, Arne, Kevin Pang, Carsten Sturm, Martina Hrouda, Jan Lentfer, Heiko A. Schmidt, Ulrich Technau, Arndt von Haeseler, Bert Hobmayer, Mark Q. Martindale, & Thomas W. Holstein.** 2005. "Unexpected complexity of the *Wnt* gene family in a sea anemone." *Nature* **433** (13 January): 156-160.
- Kuszewski, Andrea.** 2009. "The Genetics of Creativity: A Serendipitous Assemblage of Madness." *Métado* (Transdisciplinary research group on social sciences, Columbia) Working Papers Nos. 58 (1 March) posting (online pdf at www.grupometado.org accessed 11/7/2015).
- Kutik, Stephan, David A. Stroud, Nils Wiedemann, & Nikolaus Pfanner.** 2009. "Evolution of mitochondrial protein biogenesis." *Biochimica et Biophysica Acta (BBA) General Subjects* **1790** (June): 409-415.
- Kutschera, Ulrich.** 2003a. "Designer scientific literature." *Nature* **423** (8 May): 116.
- . 2003b. "Darwinism and Intelligent Design: The New Anti-Evolutionism Spreads in Europe." *Reports of the National Center for Science Education* **23** (September-December): online text accessed 6/29/2009 (ncse.com).
- . 2006a. "The Basic Types of Life: Critical Evaluation of a Hybrid Model." *Reports of the National Center for Science Education* **26** (July-August): 31-36.
- . 2006b. "Devolution and Dinosaurs." *Reports of the National Center for Science Education* **26** (September-October): 10-11.
- . 2006c. "A timely wake-up call as anti-evolutionists publicize their views." *Nature* **444** (7 December): 679.
- . 2008a. "Creationism in Germany and its Possible Cause." *Evolution: Education & Outreach* **1** (January): 84-86.
- . 2008b. "The German Anti-Darwin Industry." *Reports of the National Center for Science Education* **28** (January-February): 12-13.
- . 2009. "Darwin's Philosophical Imperative and the *Furor Theologicus*." *Evolution: Education & Outreach* **2** (December): 688-694.
- . 2015. "Young Earth creationists are spreading pseudoscience through Europe." *Richard Dawkins Foundation* 29 April interview with Nala Roges (online text at richarddawkins.net accessed 5/6/2015).
- Kutschera, Ulrich, & Uwe Hossfield.** 2013. "Alfred Russel Wallace (1823-1913): the forgotten co-founder of the Neo-Darwinian theory of biological evolution." *Theory in Biosciences* **132** (December): 207-214.
- Kutschera, Ulrich, & Simon Kleinhans.** 2013. "Alfred Russel Wallace and the destruction of island life: the *Iguana* tragedy." *Theory in Biosciences* **132** (December): 259-265.
- Kutschera, Ulrich, & Karl J. Niklas.** 2004. "The modern theory of biological evolution: an expanded synthesis." *Naturwissenschaften* **91** (June): 255-276.
- . 2005. "Endosymbiosis, cell evolution, and speciation." *Theory in Biosciences* **124** (August): 1-24.
- . 2013. "Metabolic scaling theory in plant biology and the three oxygen paradoxa of aerobic life." *Theory in Biosciences* **132** (December): 277-288.
- Kutsukake, Kuzuhiko.** 1997. "Hook-Length Control of the Export-Switching Machinery Involves a Double-Locked Gate in *Salmonella typhimurium* Flagellar Morphogenesis." *Journal of Bacteriology* **179** (February, No. 4): 1268-1273.
- Kutz, Matthew R.** 2004. "Observations on Prayer as a Viable Treatment Intervention: A Brief Review for Healthcare Providers." *The Internet Journal of Allied Health Sciences and Practice* (online @ jahsp.nova.edu) **2** (January).
- Kuwahara, Hideharu, Midori Eto, Yukinori Kawamoto, Hironari Kurihara, Takeo Kaneko, Yumiko Obayashi, & Kensei Kobayashi.** 2012. "The Use of Ascorbate as an Oxidation Inhibitor in Prebiotic Amino Acid Synthesis: A Cautionary Note." *Origins of Life and Evolution of Biospheres (AKA OoL&E of the Biosphere)* **42** (December): 533-142.
- Kuypers, Marcel M. M., Peter Blokker, Jochen Erbacher, Hanno Kinkel, Richard D. Pancost, Stefan Schouten, & Jaap S. Sinninghe Damsté.** 2001. "Massive Expansion of

- Marine Archaea During a Mid-Cretaceous Oceanic Anoxic Event.” *Science* **293** (6 July): 92-95.
- Kuzawa, Christopher W., Harry T. Chugani, Lawrence I. Grossman, Leonard Lipovich, Otto Muzik, Patrick R. Hof, Derek E. Wildman, Chet C. Sherwood, William R. Leonard, & Nicholas Lange.** 2014a. “Metabolic costs and evolutionary implications of human brain development.” *Proceedings of the National Academy of Sciences* **111** (9 September): 13010-13015.
- . 2014b. “Reply to Skoyles: Decline in growth rate, not muscle mass, predicts the human childhood peak in brain metabolism.” *Proceedings of the National Academy of Sciences* **111** (18 November): E4910.
- Kuzdzal-Fick, Jennie J., Sara A. Fox, Joan E. Strassmann, & David C. Queller.** 2011. “High Relatedness Is Necessary and Sufficient to Maintain Multicellularity in *Dictyostelium*.” *Science* **334** (16 December): 1548-1551.
- Kuzin, Boris A., Ekaterina A. Nikitina, Roman O. Cherezov, Julia E. Vorontsova, Mikhail S. Slezinger, Olga G. Zatsepina, Olga B. Simonova, Grigori N. Enikolopov, & Elena V. Savvateeva-Popova.** 2014. “Combination of Hypomorphic Mutations of the *Drosophila* Homologues of *Aryl Hydrocarbon Receptor* and *Nucleosome Assembly Protein* Family Genes Disrupts Morphogenesis, Memory and Detoxification.” *PLoS ONE* (online @ plosone.org) **9** (April): e94975.
- Kuzmin, Yaroslav V.** 2009. “Radiocarbon and the Old World Archaeology: Shaping a Chronological Framework.” *Radiocarbon* **51** (May): 149-172.
- Kuzminov, Andrei.** 1999. “Recombinational Repair of DNA Damage in *Escherichia coli* and Bacteriophage λ .” *Microbiology and Molecular Biology Reviews* **63** (December): 751-813.
- Kuznetsov, Dmitrii.** 1989a. “Neurospecific Translation Control and the Problem of Potent Danger of Drugs and Chemicals: A Caution.” *International Journal of Neuroscience* **49** (November): 1-42.
- . 1989b. “In Vitro Studies of Interactions Between Frequent and Unique Mrnas and Cytoplasmic Factors from Brain Tissue of Several Species of Wild Timber Voles of Northern Eurasia, *Clethrionomys glareolus*, *Clethrionomys frater* and *Clethrionomys gapperi*: a New Criticism to a Modern Molecular-Genetic Concept of Biological Evolution.” *International Journal of Neuroscience* **49** (November): 43-59.
- Kuzoff, Robert K., Seth B. Kemmeter, Jeffrey S. McKinnon, & Courtney P. Thompson.** 2009. “Phylogenetic Analysis: How Old are the Parts of Your Body?” *Evolution: Education & Outreach* **2** (September): 405-414.
- Kvajo, Mirna, Heather McKellar, Liam J. Drew, Aude-Marie Lepagnol-Bestel, Lan Xiao, Rebecca J. Levy, Richard Blazeski, P. Alexander Árguello, Clay O. Lacefield, Carol A. Mason, Michel Simonneau, James M. O'Donnell, Amy B. MacDermott, Maria Karayiorgou, & Joseph A. Gogos.** 2011. “Altered axonal targeting and short-term plasticity in the hippocampus of *Disc1* mutant mice.” *Proceedings of the National Academy of Sciences* **108** (6 December): E1349-E1358.
- Kvale, Erik P., Agary D. Johnson, Debra L. Mickelson, Kate Keller, Lloyd C. Furer, & Allen W. Archer.** 2001. “Middle Jurassic (Bajocian and Bathonian) Dinosaur Megatracksites, Bighorn Basin, Wyoming, U.S.A.” *Palaïos* **16** (June): 233-254.
- Kvavadze, Eliso, Ofer Bar-Yosef, Anna Belfer-Cohen, Elisabetta Boaretto, Nino Jakeli, Zinovi Matskevich, & Tengiz Meshveliani.** 2009. “30,000-Year-Old Wild Flax Fibers.” *Science* **325** (11 September): 1359.
- Kveraga, Kestutis, Avniel Singh Ghuman, Karim S. Kassam, Elissa A. Aminoff, Matti S. Hämäläinen, Maximilien Chaumon, & Moshe Bar.** 2011. “Early onset of neural synchronization in the contextual associations network.” *Proceedings of the National Academy of Sciences* **108** (22 February): 3389-3394.
- Kvitek, Daniel J., & Gavin Sherlock.** 2011. “Reciprocal Sign Epistasis between Frequently Experimentally Evolved Adaptive Mutations Causes a Rugged Fitness Landscape.” *PLoS Genetics* (online @ plosgenetics.org) **7** (April): e1002056.
- Kwan, Joyce.** 2008. “Hunger Strike Ignites Discussions of Racism at MIT.” MIT *The Tech* **5**

- February posting (online text at *tech.mit.edu* accessed 11/23/2013).
- Kwapis, Janine L., Timothy J. Jarome, Mary E. Lonergan, & Fred J. Helmstetter.** 2009. "Protein Kinase Mzeta Maintains Fear Memory in the Amygdala but Not in the Hippocampus." *Behavioral Neuroscience* **123** (August): 844-850.
- Kwasniak, Janet.** 2014. "Do we have a reptilian brain?" *Neuro-patch* 9 March posting (online text at *dyslecem.info* accessed 3/4/2016).
- Kwast, Kurt E., Patricia V. Burke, Brett T. Staahl, & Robert O. Poyton.** 1999. "Oxygen in yeast: Evidence for the involvement of the respiratory chain in regulating the transcription of a subset of hypoxic genes." *Proceedings of the National Academy of Sciences* **96** (11 May): 5446-5451.
- Kwiatkowska, Teresa.** 2007. "Naturalized Ethics? The Source of the Trouble." *Ludus Vitalis* (Spain) **15**: 217-220.
- Kwiatkowski, Dominic P.** 2005. "How Malaria Has Affected the Human Genome and What Human Genetics Can Teach Us about Malaria." *The American Journal of Human Genetics* **77** (August): 171-192.
- Kwon, Lillian.** 2012. "Atheists Rally for Reason; Urged to Mock the Religious." *The Christian Post* (24 March): online text accessed 2/27/2013 (*christianpost.com*).
- Kwon, Yong-Ju, & Anton E. Lawson.** 2000. "Linking Brain Growth with the Development of Scientific Reasoning Ability and Conceptual Change during Adolescence." *Journal of Research in Science Teaching* **37** (January): 44-62.
- Kwun, Hyun Jin, Tuna Toptan, Suzane Ramos da Silva, John F. Atkins, Patrick S. Moore, & Yuan Chang.** 2014. "Human DNA tumor viruses generate alternative reading frame proteins through repeat sequence recoding." *Proceedings of the National Academy of Sciences* **111** (14 October): E4342-E4349.
- Kyaga, Simon, Paul Lichtenstein, Marcus Boman, Christina Hultman, Niklas Långström, & Mikael Landén.** 2011. "Creativity and mental disorder: family study of 300 000 people with severe mental disorder." *The British Journal of Psychiatry* **199** (November): 373-379.
- Kynast, Ralf G., Jeffrey A. Joseph, Jaume Pellicer, Margaret M. Ramsay, & Paula J. Rudall.** 2014. "Chromosome behavior at the base of the angiosperm radiation: Karyology of *Trithuria submerse* (Hydatellaceae)." *American Journal of Botany* **101** (September): 1447-1455.
- Kyriacou, Charalambos P.** 2009a. "Clocks, cryptochromes and Monarch migrations." *Journal of Biology* (online @ *jbiol.com*) **8** (18 June): 55.
- . 2009b. "Unraveling Traveling." *Science* **325** (25 September): 1629-1630.
- Kyripides, Nikos, Ross Overbeek, & Christos Ouzounis.** 1999. "Universal Protein Families and the Functional Content of the Last Universal Common Ancestor." *Journal of Molecular Evolution* **49** (October): 413-423.
- Kyte, Frank T.** 2012. "Focus on ancient bombardment." *Nature* **485** (3 May): 44-45.
- Kyte, Frank T., Alex Shukolyukov, Günter W. Lugmair, Donald R. Lowe, & Gary R. Byerly.** 2003. "Early Archean spherule beds: Chromium isotopes confirm origin through multiple impacts of projectiles of carbonaceous chondrite type." *Geology* **31** (March): 283-286.