from

A Bibliography of Literary Theory, Criticism and Philology

<http://bit.ly/abibliog>

by José Ángel García Landa

(University of Zaragoza, Spain)

**Scientists (S-T)**

Saarela, Toni P., and Michael S. Landy. "Integration Trumps Selection in Object Recognition." *Current Biology* (forthcoming 2015).

 <http://www.cell.com/current-biology/abstract/S0960-9822%2815%2900132-3>

 2015

Sabadell, Miguel A. (Dpto. de Astronomía y Astrofísica, U de Zaragoza, 50009 Zaragoza, Spain; sabadell@posta.unizar.es; science editor of *Muy Interesante*) "Ciencia y espiritismo: El extraño caso de Wallace y Darwin." In *Evolucionismo y racionalismo.* Ed. Eustoquio Molina, Alberto Carreras and Jesús Puertas. Zaragoza: Institución "Fernando el Católico" / Universidad de Zaragoza, 1998. 351-65.\*

\_\_\_\_\_. "Cosmología y el principio antrópico." In *Evolucionismo y racionalismo.* Ed. Eustoquio Molina, Alberto Carreras and Jesús Puertas. Zaragoza: Institución "Fernando el Católico" / Universidad de Zaragoza, 1998. 341-50.\*

Sabadell, Miguel Angel, and E. Molina E., eds. *Actas del I Congreso Nacional sobre Pseudociencia*. Zaragoza: Universidad de Zaragoza, 1993.

Sabater Pi, Jordi. "Es una cuestión de grado." Interview. In Eduardo Punset, *Cara a cara con la vida, la mente y el Universo: Conversaciones con los grandes científicos de nuestro tiempo.* Prologue by Lynn Margulis. 2004. Barcelona: Destino, 2006. 326-31.\* (Animal intelligence).

Sabra, A. I. "Sensation and Inference in Alhazen’s theory of visual Perception." In *Studies in Perception: Interrelations in the History of Philosophy and Science.* Ed. P. K. Machamer and R. G. Turnbull. Columbia (OH): Ohio State UP, 1978. 160–85.

Saccheri, Giovanni Girolamo *Euclides ab omni naevo vindicatus: Sive Conatus Geometricus quo stabiliuntur Prima ipsa universae Geometriae Principia. Auctore Hieronymo Saccherio Societatis Jesu In Ticinensi Universitate Matheseos Professore. Opusculum Ex.mo Senatui Mediolanensi Ab Auctore Dicatum. Mediolani, MDCCXXXIII. Ex Typographia Pauli Antonii Montani. Superiorum permissit.*

Sáenz, J., J. P. Montávez, J. Fernández, J. F. González-Rouco, and E. Zorita. "Simulaciones climáticas con modelos regionales: sensibilidad a la elección de parametrizaciones." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 221-28.\*

Sáenz de Cabezón, Eduardo. *Apocalipsis matemático.* Plan B, 2020.

Sáenz Ridruejo, Clemente, and Miguel Arenillas Parra. *Guía física de España: 3. Los ríos.* Madrid: Alianza.

Saey, Tina Hesman. "DNA data offer evidence of unknown extinct human relative." *Science News* 21 Oct. 2016.\*

 <https://www.sciencenews.org/article/dna-data-offer-evidence-unknown-extinct-human-relative>

 2016

Sagan, Dorion. "Why Are We Here? Evolution's Dirty Secrets." *Salon.com* 2 June 2013.\*

 <http://www.salon.com/2013/06/02/why_are_we_here_evolutions_dirty_secrets/singleton/>

 2013

Sagan, Dorion, and Lynn Margulis. *Garden of Microbial Delights: a Practical Guide to the Subvisible World.* Boston: Harcourt Brace Jovanovich, 1988.

\_\_\_\_\_. *Microcosmos: Four Billion Years of Evolution from Our Microbial Ancestors.* London: HarperCollins.

\_\_\_\_\_. *Microcosmos.* Barcelona: Tusquets, 1995.

\_\_\_\_\_. "La vida es como un tornado." Interview. In Eduardo Punset, *Cara a cara con la vida, la mente y el Universo: Conversaciones con los grandes científicos de nuestro tiempo.* Prologue by Lynn Margulis. 2004. Barcelona: Destino, 2006. 397-407.\*

Sagan, Nick, Mark Frary and Andy Walker. *You Call This the Future?* Elwin Street, 2007. (Travel and transport, Computers, cyborgs and robots; Communications; Weapons and security; Lifestyle, health and sex).

\_\_\_\_\_. *¿Y esto es el futuro? De la ficción a la realidad.* Trans. Jesús de Cos. Barcelona: Círculo de Lectores, 2008.\*

Sagdaev, Roald Z. *Aventuras y desventuras de un científico soviético.* Trans. Eva Rodríguez Halffter. Madrid: Alianza, 1996.

Sahún García, Elisa M., Juan F. Gastón Añañaos and Ana Martínez Giménez. "Interferencia inmunológica entre los polisorbatos parenterales y los virus como posible causa de la pandemia por coronavirus." *Zenodo* 20 Sept. 2020.\*

 <https://zenodo.org/record/4017877>

 2020

Sain-Echaluce Lacleta, Mª Luisa. "Sobre la ecuación de Szebehel y Bond y sus aplicaciones en mecánica celeste." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 239-50.\*

Saint-Hilaire, Geoffroy. (1772-1844). *Histoire générale et particulière des Anomalies de l'Organisation.* ? 1832.

\_\_\_\_\_. *Histoire des anomalies de l'organisation.* Paris, 1836.

\_\_\_\_\_. Résumé of his 1850 lectures in *Revue et Mag. De Zoolog.* (Jan 1851).

\_\_\_\_\_. *Histoire naturelle générale des règnes organiques.* Vol. 2. 1859.

Saitz, Robert, and Edward Cervenka. *Handbook of Gestures: Colombia and the United States.*  The Hague: Mouton, *c.* 1971.

Sala, Nohemi, et al. "Taphonomic-Forensic Analysis of the Hominin Skulls from the Sima de los Huesos." *The Anatomical Record* 23 Feb. 2022.\*

 <https://doi.org/10.1002/ar.24883>

 2022

Sala, Robert (Salt, Gerona, 1964; t. Prehistory, U Rovira i Virgili; research at Atapuerca),

\_\_\_\_\_. "Sedentarios." (Origen de la civilización: Perspectivas evolucionistas). Lecture at *Fundación Juan March* 6 Nov. 2008. Online audio:

 <http://www.march.es/conferencias/anteriores/voz.aspx?id=2532&l=1>

 2013

Sala, Robert, Josep Corbella, Eudald Carbonell and Salvador Moyà. *Sapiens: El llarg camí del homínidsa cap a la intel´ligència.* Barcelona: Edicions 62, 2000.

\_\_\_\_\_. *Sapiens: El largo camino de los homínidos hacia la inteligencia.* Trans. Xavier García Muniesa. (Atalaya, 49). Barcelona: Península, 2000. 4th ed. 2001. 5th ed. 2005.\*

Sala, Robert, and Eudald Carbonell. *Planeta humano.* Barcelona: Ediciones Península, 2000.

\_\_\_\_\_. *Planeta humano.* Barcelona: Ediciones Península, 2000.

\_\_\_\_\_. "El chat y la evolución." In *Aún no somos humanos. Propuestas de humanización para el tercer milenio.* Barcelona: Península, 2002. 85-92.

Sala, R., E. Carbonell, J. M. Bermúdez de Castro, J. L. Arsuaga, J. C. Díez, A. Rosas, G. Cuenca-Bescós, M. Mosquera, and X. P. Rodríguez. "Lower Pleistocene Hominids and Artifacts from Atapuerca-TD6 (Spain)." *Science* 269.5225 (Sept. 1995): 826-30.\*

<https://www.researchgate.net/publication/15559752>

2012

Saladié, O., J. Sigró, M. Brunet, E. Aguilar, and D. López-Bonillo. "Variabilidad de la temperatura estival en Cataluña (1950-1998)." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 301-10.\*

Saladié, O., M. Brunet, E. Aguilar, J. Sigró, D. López. "Análisis de la tendencia de la precipitación de primavera en la cuenca del Pirineo Oriental durante el periodo 1896-2003." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 475-86.\*

Salas Falgueras, Margarita. La biomedicina del siglo XXI. (Cuadernos de los Cursos Extraordinarios de la Universidad de Zaragoza, 2). Zaragoza: Prensas Universitarias de Zaragoza / Vicerrectorado de Proyección Social y Cultural, 2003.\*

Salat, J., and J. Pascua. "Principales tendencias climatológicas en el Mediterráneo noroccidental, a partir de más de 30 años de observaciones oceanográficas y meteorológicas en la costa catalana." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 283-90.\*

Salk, Jonas. Introd. to *Laboratory Life: The Construction of Scientific Facts.* By Bruno Latour and Steve Woolgar. 2nd ed. With a new postscript and index by the authors. Princeton: Princeton UP, 1986.\*

Salvador, P., J. Bilbao, and A. de Miguel. "Medida y modelización de la radiación solar UV-B en una zona rural." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 511-20.\*

Salvador, R., N. Castel, and E. Mantilla. "Estimación de las emisiones biogénicas y antropogénicas para un ejercicio de modelización fotoquímica en el sur-oeste de la Península Ibérica." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 553-64.\*

Salvador, R., E. Mantilla, and N. Castell. "Utilización de modelos CTM para la estimación del impacto fotoquímico debido a nuevas actividades industriales. Metodología." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 799-806.\*

Sambrook, Joseph. (Joe Sambrook). "Adenovirus Amazes at Cold Spring Harbor." *Nature* 268 (1977): 101-4.

Sambrook, Joseph, and David W. Russell. *Molecular Cloning: A Laboratory Manual.* Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press, 2001.

Sampayo, Pedro, and Mariano Zuaznavar. *Descripción con planos de la cueva llamada de Atapuerca. Por los ingenieros de minas D. Pedro Sampayo y D. Mariano Zuaznavar. Ilustrada con vistas por Don Isidro Gil.* *Burgos: Imprenta de Timoteo Arnaiz, 1868.*  Facsimile ed., introd. E. Carbonell, J. Mª Bermúdez de Castro, and J. A. Arsuaga. 1999.

Sampedro, Javier. *Deconstruyendo a Darwin: Los enigmas de la evolución a la luz de la nueva genética.* Barcelona: Crítica, 2002.

\_\_\_\_\_. "La lengua ancestral de los euroasiáticos." *El País* 7 May 2013.\*

 <http://sociedad.elpais.com/sociedad/2013/05/07/actualidad/1367950892_304674.html>

 2013

\_\_\_\_\_. "Un incremento de oxígeno explica el origen de los animales." *El País* 30 July 2013.\*

 <http://prensa.unizar.es/noticias/1307/130730_z0_1.pdf>

 2013

\_\_\_\_\_. "A solas con los pensamientos." *El País* 4 July 2014.\*

 <http://prensa.unizar.es/noticias/1407/140704_z0_pais37.pdf>

 2014

\_\_\_\_\_. "El ser humano desencadena la sexta extinción masiva del planeta." *El País* 25 July 2014.\*

 <http://prensa.unizar.es/noticias/1407/140725_z0_pais34.pdf>

 2014

\_\_\_\_\_. "Los interruptores del genoma." *El País* 20 Feb. 2015.\*

 <http://prensa.unizar.es/noticias/1502/150219_z1_elp32.pdf>

 2015

\_\_\_\_\_. "Listo como un cuervo." *El País* 14 July 2017.\*

 <https://elpais.com/elpais/2017/07/14/ciencia/1500058364_718252.html>

 2017

\_\_\_\_\_. "Edición genética sin 'tijeras'." *El País* 11 Dec. 2017.\*

 <http://prensa.unizar.es/noticias/1712/171211_z0_abc26.pdf>

 2017

\_\_\_\_\_. "Metal pensante." *Claves de Razón Práctica* No. 257 (March-April 2018): *Robótica: Desafío a lo humano. La robótica y el transhumanismo, más allá de los límites.* 12-21.\*

Sample, Ian. "Neuroscientists Create 'Atlas' Showing How Words Are organised in the Brain." *The Guardian* 27 April 2016.\*

 <https://www.theguardian.com/science/2016/apr/27/brain-atlas-showing-how-words-are-organised-neuroscience>

 2016

\_\_\_\_\_. "AI Will Create 'Useless Class' of Human, Predicts Bestselling Historian." *The Guardian* 20 May 2016.\* (Harari).

 <https://www.theguardian.com/technology/2016/may/20/silicon-assassins-condemn-humans-life-useless-artificial-intelligence>

 2017

\_\_\_\_\_. "Why Don't Humans Have a Penis Bone? Scientists May Now Know." *The Guardian* 14 Dec. 2016.\*

 <https://www.theguardian.com/science/2016/dec/14/why-dont-humans-have-a-penis-bone-scientists-may-now-know-baculum>

 2016

San Martín Aventín, María Pilar, and Sergio Castillo, eds. *Actas Congreso Cajal: 1, 2 y 3 de octubre de 2003.* Zaragoza: Gobierno de Aragón, 2006.\*

San Miguel, Galo (TOTAL, Pau), Nicoletta Buratti, Fernando Danubio, Frédéric Ricciardi, Álvaro García-Penas, Marcos Aurell and Simonetta Cirilli. "Palynological and Calcareous Nannofosil Record from Early Cretaceous (late Barremian – early Aptian) sections of the Galve subbasin (Maestrat Basin, Teruel Province, Spain)." Paper presented at the *52nd Annual Meeting AASP – The Palynological Society (Ghent, Belgium).* Online at *ResearchGate.\**

 <https://www.researchgate.net/publication/337602185>

 2020

Sánchez Angulo, Manuel. "¿Son nuestras heces el elixir de la juventud?" *The Conversation* 15 Aug. 2022.\*

 <https://theconversation.com/son-nuestras-heces-el-elixir-de-la-juventud-187819>

 2022

Sánchez Gómez, Antonio, ed. *Hola!* Magazine. Madrid.

Sánchez Navarro, José Ángel. "Estudio hidrogeológico de la cuenca del río Huerva aguas arriba del embalse de Las Torcas (provincias de Zaragoza y Teruel)." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 207-14.\*

Sancho Marcén, Carlos. "Geomorfología de la región Albalate de Cinca-Candasnos (provincia de Teruel)." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 227-38.\*

\_\_\_\_\_. "Geomorfología de la región Albalate de Cinca-Candasnos (provincia de Huesca)." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 491-502.\*

Sancho-Benages, S., and J. J. Camarero. "Dendroecología, decaimiento del bosque y relaciones no lineares entre clima y crecimiento radial." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 529-40.\*

Sánchez, I., J. Fleta, Ll. Godé, J. Ll. Gomà, A. Gracia, J. Gracia, J. Martínez, J. Marturià, J. J. Palma, M. Pardo, A. de Paz, and I. Verdaguer. "Cartografía de zonas inundables y análisis de riesgo en Cataluña (Plan INUNCAT)." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 359-70.\*

Sánchez-Lorenzo, A., J Calbó, and M. Llach. "Análisis de dos climatologías de nubosidad globales (ISCCP y CRU TS2.1) a escala de la Península Ibérica." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 75-86.\*

Sánchez-Lorenzo, A., J. Calbó, J. Martín-Vide, M. Prohom and M. Llach. "Evolución temporal de la nubosidad en el sector costero catalán desde principios del siglo XX." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 291-300.\*

Sánchez-Rodríguez, E., M. Aguilar and M. F. Pita. "Tendencia de las precipitaciones de marzo en el sur de la Península Ibérica." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 41-52.\*

Sandell, Linnea, and Sarah P. Otto. "Probing the Depths of Biological Diversity during the Second Century of *Genetics." Genetics* 204.2 (Oct. 2016).\*

 <http://www.genetics.org/content/204/2/395>

 2016

Sanders, Gerald P., Robert A. Wallace, and Jack L. King. *Biology: The Science of Life.* 2nd ed. Glenview (IL): Scott, Foresman, & Co., 1986.

\_\_\_\_\_. *Biología molecular y herencia: La ciencia de la vida.* México: Trillas, 1991. (Trans. of *Biology: The Science of Life).*

Sancho Sanz, Javier. "Purificación y propiedades de la ferredoxina-nadp-oxidorreductasa de la cianobacteria *A. variabilis*." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 215-26.\*

Sandín, Máximo. (Departamento de Biología. Universidad Autónoma de Madrid). "La transformación de la evolución." *Boletín de la Real Sociedad Española de Historia Natural. Sección Biológica* 100.1-4 (2005): 139-67.

Online ed. in Máximo Sandín's website:

<http://www.uam.es/personal_pdi/ciencias/msandin/transformacion.htm>

2006-12-13

\_\_\_\_\_. "Evolución - Una bella historia." Video lecture. *YouTube (Ernesto Caballero Garrido)* 4 March 2011.\*

<https://youtu.be/Sb1WA9OEdAI>

2021

\_\_\_\_\_. *Tejiendo la Red de la Vida: Página oficial de Máximo Sandín.\**

 <http://somosbacteriasyvirus.com/>

 2021

\_\_\_\_\_. "Entrevista a Máximo Sandín /Febrero 2017/." Video. *YouTube (El Ignorante Habló)* 21 Feb. 2017.\*

<https://youtu.be/BHmO0M9oQVs>

2021

Sänger, Eugen; Irene Sänger-Bredt. ["A Rocket Drive For Long Range Bombers"](http://www.astronautix.com/data/saenger.pdf) August 1944. (PDF). *Astronautix.com*. <http://www.astronautix.com/data/saenger.pdf>.

2008-01-17.

Sänger-Bredt, Irene, and Eugen Sänger. ["A Rocket Drive For Long Range Bombers"](http://www.astronautix.com/data/saenger.pdf) August 1944. (PDF). *Astronautix.com*. <http://www.astronautix.com/data/saenger.pdf>.

2008-01-17.

Sanguinetti-Scheck, Juan Ignacio, Annika Stefanie Reinhold, Konstantin Hartmann and Michael Brecht. "Behavioral and Neural Correlates of Hide-and-Seek in Rats: Role Play between Rats and Humans." *Science* 365.6458 (13 Sept. 2019): 1180-1183.\*

DOI: 10.1126/science.aax4705

 <https://science.sciencemag.org/content/365/6458/1180>

 2019

Santaolalla, Javier. "Calculo cuándo se extinguirá la HUMANIDAD. El resultado es sorprendente." *YouTube (Date un Vlog)* 21 July 2018.\*

<https://youtu.be/fF_sR3ti4DA>

 2019

Santillana, S., J. P. O'Gorman, R. Otero and M. Reguero. "A Giant Elasmosaurid (Saurpterygia; Plesiosauria) from Antarctica: New Information on Elamosaurid Body Size Diversity and Aristonectine Evolutionary Scenarios." *ScienceDirect* 17 May 2019.\*

 <https://doi.org/10.1016/j.cretres.2019.05.004>

 2019

Sanz, Concepción, and Julio Muñoz. *Guía física de España. 5. Las montañas.* (El Libro de Bolsillo). Madrid: Alianza, 1995.

Sanz, J. F., J. L. Villa, J. Sallán and A. Llombart. "Herramienta informática de ayuda a la docencia para el estudio de accionamientos de corriente continua." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Sanz, Jesús, Ana Sanz García, Clara Gesteira, and María Paz García-Vera. "Prevalence of Psychopathy in the General Adult Population: A Systematic Review and Meta-Analysis." *Frontiers in Psychology* 5 Aug. 2021.\*

 <https://doi.org/10.3389/fpsyg.2021.661044>

 <https://www.frontiersin.org/articles/10.3389/fpsyg.2021.661044/full>

 2021

Sanz Anquela, José Miguel (U de Alcalá) and Miguel Peinado Lorca. "La 'misteriosa' proliferación de trombos en los enfermos de Covid-19." *ABC* 13 May 2020.\*

 <https://www.abc.es/salud/enfermedades/abci-misteriosa-proliferacion-trombos-enfermos-covid-19-202005131351_noticia.html>

 2020

Sanz García, Ana, Clara Gesteira, Jesús Sanz and María Paz García-Vera. "Prevalence of Psychopathy in the General Adult Population: A Systematic Review and Meta-Analysis." *Frontiers in Psychology* 5 Aug. 2021.\*

 <https://doi.org/10.3389/fpsyg.2021.661044>

 <https://www.frontiersin.org/articles/10.3389/fpsyg.2021.661044/full>

 2021

Saptomo, E. W., M. J. Morwood, P. Brown, Jatmiko, T. Sutikna, K. E. Westaway, R. A. Due, R. G. Roberts, T. Maeda S. Wasisto and T. Djubiantono. "Further evidence for small-bodied hominins from the Late Pleistocene of Flores, Indonesia." *Nature* 437: (2005): 1012-1017.

Sarmiento, Esteban. In Sawyer, G. J., Viktor Deak, et al. *The Last Human: A Guide to Twenty-Two Species of Extinct Humans.*  Text by Esteban Sarmiento, G. J. Sawyer, and Richard Milner, with contributions by Donald C. Johanson, Meave Leakey and Ian Tattersall. (Peter N. Névraumont Books). New Haven and London: Yale UP, 2007.\* (*Sahelanthropus tchadensis, Orrorin tugenensis, Ardipithecus ramidus* and *kadabba,* *Australopithecus anamensis, Kenyanthropus platyops, Australopithecus afarensis, Paranthropus aethiopicus, Australopithecus garhi, Australopithecus africanus, Paranthropus robustus/crassidens,* *Homo rudolfensis, Homo habilis, Paranthropus boisei, Homo ergaster, Homo georgicus, Homo erectus, Homo pekinensis, Homo floresiensis, Homo antecessor, Homo rhodesiensis, Homo heidelbergensis, Homo neanderthalensis, Homo sapiens*).

Sarricolea, P., and H. Romero. "Patrones y factores de crecimiento espacial de la ciudad de Santiago de Chile y sus efectos en la generación de islas de calor urbanas de superficie." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 827-37.\*

Sasaki, T., D. Biro and S. J. Portugal. "Bringing a Time–depth Perspective to Collective Animal Behaviour." *Trends in Ecology and Evolution*31 (2016): 550–62.

Saunders, Simon. "At Home and at Sea in an Infinite Universe: Newtonian and Machian Theories of Motion." Video lecture. *YouTube (Philosophy of Cosmology)* 5 July 2013.\*

 <https://youtu.be/rkudidA0eo0>

 2016

Saunders, S., J. Barrett, A. Kent and D. Wallace, eds. *Many Worlds?* Oxford: Oxford UP, 2010. (Quantum physics).

Saurí, D., L. Domènech, and B. Catalán. "El potencial de aprovechamiento de aguas pluviales en medios urbanos: el caso de Sant Cugat del Vallès (Barcelona)." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 337-46.\*

Sautter, Violaine. (Muséum National d'Histoire Naturelle). "Trois années de déambulations martiennes à bord du robot Curiosity." Lecture at the École Normale Supérieure, 2 March 2016. *YouTube (Ecole Normale Supérieure)* 29 March 2016.\*

 <https://youtu.be/tPsBl1g1QFM>

 2016

Sautuola, Marcelino. (Spanish archaeologist, discovered Altamira caves 1879).

Savage (Dr.). (On gorillas). *Boston Journal of Nat. History* 5 (1845-47).

Savage-Rumbaugh, Susan. See Linguists.

Savery, Thomas. (c. 1650-1715). English inventor of an early steam engine.

Sawyer, G. J., Viktor Deak, et al. *The Last Human: A Guide to Twenty-Two Species of Extinct Humans.*  Text by Esteban Sarmiento, G. J. Sawyer, and Richard Milner, with contributions by Donald C. Johanson, Meave Leakey and Ian Tattersall. (Peter N. Névraumont Books). New Haven and London: Yale UP, 2007.\* (*Sahelanthropus tchadensis, Orrorin tugenensis, Ardipithecus ramidus* and *kadabba,* *Australopithecus anamensis, Kenyanthropus platyops, Australopithecus afarensis, Paranthropus aethiopicus, Australopithecus garhi, Australopithecus africanus, Paranthropus robustus/crassidens,* *Homo rudolfensis, Homo habilis, Paranthropus boisei, Homo ergaster, Homo georgicus, Homo erectus, Homo pekinensis, Homo floresiensis, Homo antecessor, Homo rhodesiensis, Homo heidelbergensis, Homo neanderthalensis, Homo sapiens*).

Saxon, Lyn. *The Naked Bonobo.* 2016.

Saz, M. A., and F. López-Martín. "La problemática de la percepción y comunicación social de los fenómenos climáticos." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 786-98.\*

Saz, M. A., J. Creus, and A. Pérez-Cueva. "Incidencia del cambio climático sobre el crecimiento de *Pinus Sylvestris*  L. y *Pinus uncinata* R. en algunas localidades del norte de España." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 99-112.\*

Saz Sánchez, M. A., J. M. Cuadrat Prats, S. M. Vicente Serrano, S. Lanjeri, M. de Luis Arrillaga and J. C. González Hidalgo, eds. *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología, Zaragoza, 18 al 21 de septiembre e 2006.* Foreword by J. M. Cuadrat Prats. (Publicaciones de la Asociación Española de Climatología (AEC), Serie A, 5). Zaragoza: Asociación Española de Climatología, 2006.\* (1. Cambio y variabilidad climática; 2. Agua, clima y sostenibilidad; 3. Clima y sistemas naturales; 4. Clima y sociedad).

Schaaffhausen (Prof.; Dr.). *Verhand. Des Naturhist. Vereins des Preuss. Rheinlands.* 1853. (On the evolution of species).

\_\_\_\_\_. "On the Primitive Form of the Human Skull." *Anthropological Review* (Oct. 1868).

\_\_\_\_\_. In *Arch. F. Anth.* (1866).

Schafersman, Steven D. "Fossils, Stratigraphy, and Evolution: Consideration of a Creationist Argument." In *Scientists Confront Creationism.* Ed. L. R. Godfrey. New York: W. W. Norton, 1983. 219-44.

Schaffhausen, H. (German paleontologist, described Neanderthal man in 1856).

Schatzman, Evry. (U of Paris). *Origine et Évolution des mondes.*

\_\_\_\_\_. *Les Planètes naissent aussi.*

\_\_\_\_\_. *Structure de l’univers.*

\_\_\_\_\_. *Plasmas et milieux ionisés.*

\_\_\_\_\_. *Science et Société.*

\_\_\_\_\_. "La Vie dans l'Univers." Audio. *YouTube (La Lucarne et la Nuit)* 12 Aug. 2017.\*

 <https://youtu.be/MFzRKGGSuek>

 2017

Scheele, Carl. (18th-c. chemist).

Scheibel, A. B., M. C. Diamond and L. M. Elson. *The Human Brain: Coloring Book.* HarperCollins.

\_\_\_\_\_. *El cerebro humano: Libro de trabajo.* Trans. Raúl Espert and José Francisco Navarro. Barcelona: Ariel, 1996. New ed. 2014. 2018.\*

Scheller, Richard H., and Richard Axel. "Control genético de un comportamiento innato: un grupo de neuropépticos dirigen la puesta de huevos en el caracol *Apolysia*." *Investigación y ciencia* 92 (May 1984): 34-47.\*

Scherz, Gustav. *Geological Papers.* By N. Stens. Trans. Alex J. Pollock. Odense UP, 1969.

Scheuchzer, J. *Querelae et vindiciae piscium.* Zurich: Gessner, 1708.

Schiefenhövel, W., E. Voland, and A. Chasiotis, eds. *Grandmotherhood: The Evolutionary Significance of the Second Half of Life.* New Brunswick (NJ): Rutgers UP, 2005.

Schildt, Herbert. *Turbo C/C++ 3.1: Manual de referencia.* Trans. Luis Hernández Yáñez, rev. Antonio Vaquero Sánchez. Madrid: Osborne / McGraw-Hill, 1996.\*

Schilthuizen, Menno. "Evolution Is Happening Faster Than You Thought." *New York Times* 23 July 2016.\*

 <http://www.nytimes.com/2016/07/24/opinion/sunday/evolution-is-happening-faster-than-we-thought.html?smid=fb-share>

 2016

Schimmack, Ulrich. (U of Toronto). *Replicability-Index.* Sci-blog.

\_\_\_\_\_, et al. "Reconstruction of a Train Wreck: How Priming Research went Off the Rails." *Replication Index* 2 Feb. 2017.\* (Kahneman)

 <https://replicationindex.com/2017/02/02/reconstruction-of-a-train-wreck-how-priming-research-went-of-the-rails/comment-page-1/#comment-1454>

 2021

Schindewolf, Otto. (1896-1971; defended mass extinctions).

Schlaug, G., et al. "Increased Corpus Callosum Size in Musicians." *Neuropsychologia* 33 (1995): 1047-55.

\_\_\_\_\_. "In Vivo Evidence of Structural Brain Asymmetry in Musicians." *Science* 267 (1995): 699-701.

Schlebusch, Carina M., et al. "Ancient Genomes from Southern Africa Pushes Modern Human Divergence beyond 260,000 Years Ago." *bioRxiv* 5 June 2017.\*

 doi: <https://doi.org/10.1101/145409>

 <http://biorxiv.org/content/early/2017/06/05/145409>

 2017

Schleicer, A., K. Amunts, U. Burgel, H. Mohlberg, H. B. M. Uyling and K. Zilles. "Broca's Region Re-visited: Cytoarchitecture and Intersubject Variability." *Journal of Comparative Neurology* 421.1 (1999).

Schmid, C. H., J. Zihl, D. von Cramon, and N. Mai. "Disturbance of Movement Vision after Bilateral Posterior Brain Damage: Further Evidence and Follow up Observations." *Brain* 114 (1991): 2235–52.

Schmid, C. W., and P. L. Deninger. "Thermal Stability of Human DNA and Chimpanzee DNA Heteroduplexes." *Science* 194 (1976): 846-8.

Schmidt, Brian. (Australian National University). "The Universe from Beginning to End." *YouTube (TVO Channel)* 17 June 2010.\* (On the Big Bang, dark matter and dark energy).

 <https://youtu.be/zU398Eh4iEg>

 2015

Schmidt, K., and E. Fehr. "On Inequality Aversion: A Reply to Binmore and Shaked." *Journal of Economic Behavior and Organization* 73 (2010): 101–108.

Schmidt, F. O., G. Quarton, and T. Melnechuck, eds. *The Neurosciences: A Study Program.* Vol. 2. New York: Rockefeller UP, 1968.

Schmidts, Peter. (Physician). *The Conquest of Old Age.* 1931.

Schmitt, David P. "The Truth about Sex Differences." *Psychology Today* 7 Nov. 2017.\*

 <https://www.psychologytoday.com/articles/201711/the-truth-about-sex-differences>

 2017

Schmitz, Birger. (Göteborg University). "Geochemical High-resolution Stratigraphy of Cretaceous/tertiary Boundary in Denmark, Spain and New Zealand." In *Extinción y registro fósil / Extinction and the Fossil Record.* Ed. Eustoquio Molina. Zaragoza: Seminario Interdisciplinar de la Universidad de Zaragoza, 1994. 121-40.\*

Schmitz, B., E. Molina, and H. Luterbacher, eds. *Early Paleogene Stage Boundaries: Abstracts and Field Trip Guides.* Universidad de Zaragoza, 1996.

Schoner, Johannes. *Opera Mathematica.* 1551.

Schneer, Cecil J. "The Rise of Historical Geology in the Seventeenth Century." *Isis* 45 (1954).

\_\_\_\_\_, ed. *Toward a History of Geology.* Cambridge (MA): MIT Press, 1967; London: MIT Press, 1970.

Schoenmaker, Linde (U of British Columbia), Dominik Witzigmann, Jayesh A. Kulkami, Rein Verbeke, Gedeón Kerster, Sim Jiskoot and Daan J. A. Crommelin. "Vacunas Covid-19 de nanopartículas de ARNm-lípidos: Estructura y estabilidad." *International Journal of Pharmacy* 9 April 2021.\*

 <https://doi.org/10.1016/j.ijpharm.2021.120586>

 2021

Schopf, J. William. *Cradle of Life: The Discovery of Earth's Earliest Fossils.* Princeton (NJ): Princeton UP, 1999.

\_\_\_\_\_. *La cuna de la vida.* Barcelona: Crítica, 2000.

Schopf, T. J. M., ed. *Models of Paleobiology.* San Francisco: Freeman, Cooper, 1972.

Schoppmann, A., M. M. Merzenich, R. H. Nelson, J. H. Kaas, M. P. Stryker, W. M. Jenkins, J. M. Zook, and M. S. Cynader. "Variability in Hand Surface Representation in Areas 3b and 1 in Adult Owl and Squirrel Monkeys." *Journal of Comparative Neurology* 258 (1987): 281-296.

Schoppmann, A., M. M. Merzenich, R. H. Nelson, M. P. Stryker, M. S. Cynader, and J. M. Zook. "Somatosensory Cortical Map Changes Following Digital Amputation in Adult Monkey." *Journal of Comparative Neurology* 224 (1984): 591-605.

Schorger, A. W. *The Wild Turkey: Its History and Domestication.* Norman: U of Oklahoma P, 1966.

Schouten, Peter, and Timothy Flannery. *A Gap in Nature: Discovering the World's Extinct Animals.* London: Heinemann, 2001.

Schover, R., and S. B. Jensen. *Sexuality and Chronic Illness: A Comprehensive Approach.* New York: Guildford Press, 1988.

Schreiner, C. E., G. H. Recanzone, and M. M. Merzenich. "Plasticity in the Frequency Representation of Primary Auditory Cortex Following Discrimination Training in Adult Owl Monkeys." *Journal of Neuroscience* 13 (1993): 87-103.

Schrier, A., and F. Stollnitz, eds. *Behavior of Non-Human Primates.* New York: Academic Press. Vol. 4, 1971.

\_\_\_\_\_, eds. *Behavior of Non-Human Primates: Modern Research Trends.* Vol. 5. New York: Academic Press, 1974.

Schrenk, Friedemann, and Timothy G. Bromage. "Corredor de homínidos en Africa sudoriental." In *Evolución humana.* (Temas, 44). *Investigación y Ciencia- Edición española de Scientific American,* 2nd tr. 2006. 46-63.\*

Schrenk, F., M. C. Dean, M. C., M. G. Leakey, D. Reid, G. T. Schwartz, C. Stringer and A. Walker. "Growth Processes in Teeth Distinguish Modern Humans from Homo erectus and Earlier Hominins." *Nature* 414 (2001): 628-631.

Schrödinger, Erwin. (1887-1961; b. Vienna, Nobel Prize for Physics 1933 with Paul Dirac; succeeded Max Planck as Chair at Wilhelm Friedrich U, Berlin, contributed to quantum mechanics; exile to Britian, the n Italy, USA, and Institute of Advanced Studies, Dublin).

\_\_\_\_\_. "Die gegenwärtige Situation in der Quantenmechanik." *Naturwissenschaften* 23 (1935): 807-12; 823-28; 844-49.

\_\_\_\_\_. *What Is Life?* *The Physical Aspect of the Living Cell.* Cambridge: Cambridge UP, 1944. 1945. 1948. 1951. 1955. 1962. 1967. 1983. 2000.

\_\_\_\_\_. *¿Qué es la vida?* Trans. Ricardo Guerrero. Barcelona: Círculo de Lectores, 2009.\*

\_\_\_\_\_. *¿Qué es la vida?* Barcelona: Tusquets, 1983.

\_\_\_\_\_. "La nueva mecánica ondulatoria." In Heisenberg et al., *Física cuántica.* Barcelona: Círculo de Lectores, 1996.\*

\_\_\_\_\_. *La estructura del espacio-tiempo.* Madrid: Alianza, 1993.

Schull, J., and P. Rozin. "The Adaptive-Evolutionary Point of View in Experimental Psychology." In *Steven's Handbook of Experimental Psychology.* New York: Wiley, 1988.

Schulte, E., and P. McMullen. *Abstract Regular Polytopes.* Cambridge M.P., 2002.

Schultz, Gwen. *Ice Age Lost.* Garden City (NY): Doubleday-Anchor, 1974.

Schumann, Walter. *Der neue BLV Steine und Mineralien.* Munich: BLV, 1985.

\_\_\_\_\_. *Guide des pierres et minéraux.* Trans. Thérèse Dorsaz-Montredon. Lausanne: Delachaux & Niestlé, 1989.

Schwartz, G. T., M. C. Dean, M. G. Leakey, D. Reid, F. Schrenk, C. Stringer and A. Walker. "Growth Processes in Teeth Distinguish Modern Humans from Homo erectus and Earlier Hominins." *Nature* 414 (2001): 628-631.

Schwartz, James. *In Pursuit of the Gene: From Darwin to DNA.* Harvard UP, 2008.

Schwartz, Jeffrey H. *Sudden Origins: Fossils, Genes and the Emergence of Species.* New York: Wiley, 1999.

Schwartz, Jeffrey, and Ian Tattersall. *Extinct Humans.* Boulder (CO): Westview / Perseus, 2001.

\_\_\_\_\_. *The Human Fossil Record, vol. 4: Craniodental Morphology of Australopithecus, Paranthropus, and Orrorin.* New York: Wiley-Liss, 2005.

Schwartz, J. H., and H. B. Rollins, eds. *Models and Methodologies in Evolutionary Theory.* *Bulletin of the Carnegie Museum of Natural History* 13 (1979).

Schwartz, K. V., L. Margulis. *Five Kingdoms: An Illustrated Guide to the Phyla of Life on Earth.* New York: W. H. Freeman, 1988.

Schwarzschild, K. (1900 article, trans. in) *Class. Quant. Grav.* 15 (1998).

Scobey, Trevor, Vineet D. Menachery, Boyd L. Yount, Jr., Kari Debbink, Sudhakar Agnihothram, Lisa E. Gralinski, Jessica A. Plante, Rachel L. Graham, Ge Xin-Yi, Eric F. Donaldson, Scott H. Randell, Antonio Lanzavecchia, Wayne A. Marasco, Shi Zhengli-Li, and Ralph S. Baric. "A SARS-like Cluster of Circulating Bat Coronaviruses Shows Potential for Human Emergence." *Nature Medicine* 21 (9 Nov. 2015): 1508-13.

 <https://doi.org/10.1038/nm.3985>

 <https://www.nature.com/articles/nm.3985>

 2021

Scoble, Robert. (Computer technician at Microsoft). *Scobleizer*

 <http://scoble.weblogs.com>

 2004-12-30

Scott, J. Michael, and Blair Csuti. "Gap Analysis for Biodiversity Survey and Maintenance." In *Biodiversity II: Understanding and Protecting Our Biological Resources.* Ed. Marjorie L. Reade-Kudla, Don E. Wilson and Edward O. Wilson. Washington, DC: Joseph Henry Press, 1997. 321-40.

Sear, R. and R. Mace. "Who Keeps Children Alive? A Review of the Effects of Kin on Child Survival." Evolution and Human Behavior **29** (2008): 1-18.

Sears, S., and G. W. Lord, eds. *The Discontinuous Universe.* New York: Basic Books, 1972.

Seckel, A. *Optical Illusions: The Science of Visual Perception.* Richmond Hill, Canada: Firefly Books, 2009.

Sedgh, G., S. Henshaw, S. Singh, E. Åhman and L. H. Shah. "Induced Abortion: Estimated Rates and Trends Worldwide." *The Lancet* 370.9595 (2007): 1338-45.

Sedgwick, Adam. (1785-1873) (Woodwardian Professor of Geology, Cambridge, President of the Geological Society and of the British Association). "Objections to Mr. Darwin's Theory of the Origin of Species." *The Spectator* 33 (24 March 1860): 285-86.

\_\_\_\_\_. "Objections to Mr. Darwin's Theory of the Origin of Species." In *Darwin: Texts. Commentary.* Ed. Philip Appleman. 3rd ed. New York: Norton, 2001. 265-67.\*

Sedgwick. In *British and Foreign Medico-Chirug. Review* (July 1863).

Seeley, H. G. *Dragons of the Air.* 1901. (Pterosaurs).

Segarra, Sento. "Nuevo estudio COVID 19 👍 con VITAMINA D [IMPORTANTE]." Video. *YouTube (Farmacia La Nucía)* 14 May 2020.\*

<https://youtu.be/MPuuwiboGOA>

 2020

Segovia, Santiago, Giuseppina Rametti, Beatriz Carrillo, Esther Gómez-Gil, Carme Junque, Ángel Gómez and Antonio Guillamón. "White Matter Microstructure in Female to Male Transsexuals Before Cross-Sex Hormonal Treatment. A Diffusion Tensor Imaging Study." *Journal of Psychiatric Research* 45.2 (2011): 1199-204.

 DOI: 10.10916/j.psychires.2010.05.006

Online at *PubMed.\**

 <https://pubmed.ncbi.nlm.nih.gov/20562024/>

 2022

Segre, Gino. *Faust in Copenhagen: A Struggle for the Soul of Physics.* Viking, 2007.

Segreto, Rosanna, and Yuri Deigin. "The Genetic Structure of SARS-CoV-2 Does Not Rule Out a Laboratory Origin: SARS-CoV-2 Chimeric Structure and Furin Cleavage Site Might Be the Result of Genetic Manipulation." *BioEssays* 17 Nov. 2020. Online at *Wiley.\**

 <https://doi.org/10.1002/bies.202000240>

 2021

Seilacher, Adolf. (Geol.-Paläont. Institut, U Tübingen). "Late Precambrian and Early Cambrian Metazoa: Preservational or Real Extinctions." In *Patterns of Change in Earth Evolution.* Ed. H. D. Holland and A. R. Trendall. Berlin: Springer, 1984. 159-68.

\_\_\_\_\_. "Explosive Evolution in the Precambrian/Cambrian Transition." In *Evolución: Aspectos interdisciplinares.* Ed. Eustoquio Molina. Zaragoza: SIUZ (Seminario Interdisciplinar de la Universidad de Zaragoza), 1996. 65-78.\*

Sejnowski, T. J., and S. R. Quartz. "Controversies and Issues in Developmental Theories of Mind: Some Constructive Remarks." In *Behavioral and Brain Sciences.* New York: Cambridge UP, forthcoming 1998.

Sejnowski, T. J., and P. Churchland. *The Computational Brain.* Cambridge (MA): MIT Press, 1992.

Selikowitz, Mark. *ADHD: The Facts.* Oxford: Oxford UP, 2004. (Attention-Deficit Hyperactivity Disorder).

Sellwood, B. W. (Dpt. Of Geology, Reading U). "Triassic." In *The Ecology of Fossils: An Illustrated Guide.* Ed. W. S. McKerrow. London: Duckworth, 1978. 194-203.\*

\_\_\_\_\_. "Jurassic." In *The Ecology of Fossils: An Illustrated Guide.* Ed. W. S. McKerrow. London: Duckworth, 1978. 204-79.\*

Selomulya, Cordelia, Nawwab Al-Deen, Charles Ma and Ross L. Coppel. "Superparamagnetic Nanoparticle Delivery of DNA Vaccine." *Methods in Molecular Biology* 1143 (2014): 181-94.\*

 doi: 10.1007/978-1-4939-0410-5\_12

 <https://pubmed.ncbi.nlm.nih.gov/24715289/>

 2021

Semper, Laura. "Señales (3). Hacerse oír, pero sobre todo ver: Sobre la hipótesis gestual del lenguaje." *Der Golem* 22 April 2022.\*

 <https://dergolem.blog/2022/04/22/senales-3/>

 2022

Senar, Juan Carlos, Anna Omedes, and Francesc Uribe. *Animales de nuestras ciudades.* (Guía de campo). Barcelona: Planeta, 1997.\*

Seneff, Stephanie. (Computer Science and Artificial Intelligence Laboratory, MIT, Cambridge (MA) 02139 USA, seneff@csail.mit.edu) "I Can't Imagine Anybody Pregnant Agreeing to Take That Vaccine." Interview. *France-Soir* 16 Aug. 2021.\*

 <https://www.francesoir.fr/videos-videos-english/stephanie-seneff>

 2021

Seneff, Stephanie and Greg Nigh. "Worse than the Disease? Reviewing Some Possible Unintended Consequences of the mRNA Vaccines against Covid-19." *International Journal of Vaccine Theory, Practice and Research* 2.1 (2021): 38-79.\*

 <https://dpbh.nv.gov/uploadedFiles/dpbhnvgov/content/Boards/BOH/Meetings/2021/SENEFF~1.PDF>

 2022

Sepkoski, David. (Son of Jack Sepkoski). *Catastrophic Thinking: Extinction and the Value of Diversity from Darwin to the Anthropocene.* Chicago: U of Chicago P, 2020.\*

\_\_\_\_\_. "Catastrophic Thinking: Extinction and the Value of Diversity from Darwin to the Anthropocene." Interview by Lukas Rieppel. *New Books Network* 22 Jan. 2021.\*

 <https://newbooksnetwork.com/catastrophic-thinking>

 2022

Sepkoski, J. J., R. K. Bambach, D. M. Raup and J. W. Valentine. "Paleozoic Marine Diversity and the Fossil Record." *Nature*293 (1981): 435.

Sepkoski, J. J., Jr., and D. M. Raup. "Mass Extinctions in the Marine Fossil Record." *Science* 215 (1982): 1501-3.

\_\_\_\_\_. "Periodicity of Extinctions in the Geologic Past." *Proceedings of the National Academy of Sciences* 81 (1984): 801-5.

Sepkoski, J. J., and Conrad Labandeira. "Insect Diversity in the Fossil Record." *Science* 261 (1993): 310-15.

Sepkoski, J. J., L. G. Marshall, S. D. Webb, and D. M. Raup. "Mammalian Evolution and the Great American Interchange." *Science* 215: 1351-57.

Sergent, C., V. Wyart, M. Babo-Rebelo, L. Cohen, L. Naccache, and C. Tallon-Baudry, C. "Cueing Attention after the Stimulus Is Gone Can Retrospectively Trigger Conscious Perception." *Current Biology* 23.2 (2013): 150-155.

Sériot, Jean, and Diana Alvès. *Las golondrinas.* Trans. Manuel Pijoán. Adapt. Santiago Aguilar. Las Sendas del Naturalista). Barcelona: Omega, 2004.\* (Orig. pub. Paris: Delachaux & Niestlé, 2002).

Serra Kiel, Josep, Eustoquio Molina, and Laia Alegret. "Los microfósiles del Prepirineo de Arguis (Huesca): breve guía para observarlos y reconocerlos." *Naturaleza Aragonesa* 30 (2013): 4-12.\*

 <https://www.academia.edu/9234233/>

 2014

Serres, Etienne R. A. "Recherches d'anatomie trancendante et pathéologique. Théorie des formations et des déformations orgainques, appliquée à l'anatomie de Ritta-Christina, et de la duplicité monstrueuse." *Mémoires de l'Académie Royale des Sciences* 11 (1833): 583-895.

Service, Robert F. "Getting a Reaction in Close-Up." *Science* 268 (1995): 1846.

Seth, Anil. "Your Brain Hallucinates your Conscious Reality." TED-Ed Talk, 2018. *TED-ed.\**

 <https://ed.ted.com/featured/tW13nXiE>

 2019

\_\_\_\_\_. "How Your Brain Hallucinates Your Conscious Reality." *TED*  April 2017.\*

 <https://www.ted.com/talks/anil_seth_how_your_brain_hallucinates_your_conscious_reality#t-142675>

 2017

Seth, A. K, B. J. Baars, and D. B. Edelman. "Criteria for consciousness in humans and other mammals." *Consciousness and Cognition* 14 (2005):119-139.

 [http://www.sciencedirect.com/science?\_ob=ArticleURL&\_udi=B6WD0-4DPC4WH-1&\_coverDate=03%2F01%2F2005&\_alid=398845374&\_rdoc=1&\_fmt=&\_orig=search&\_qd=1&\_cdi=6752&\_sort=d&view=c&\_acct=C000050221&\_version=1&\_urlVersion=0&\_userid=10&md5=444e7d90814b433e34d8fa7ea8bed39c](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WD0-4DPC4WH-1&_coverDate=03%2F01%2F2005&_alid=398845374&_rdoc=1&_fmt=&_orig=search&_qd=1&_cdi=6752&_sort=d&view=c&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=444e7d90814b433e34d8fa7ea8)

 2006-05-05

Sevillano, José Luis, et al. "Presentación Informe Técnico final detección de grafeno en vacunas Covid – Informe final." *Odysee* *(La Quinta Columna)* 3 Nov. 2021.\*

 [https://odysee.com/@laquintacolumna:8/PRESENTACI%C3%93NINFORMET%C3%89CNICOFINALDETECCI%C3%93NGRAFENOENVACUNASCOVID-PROGRAMAESPECIAL-:4](https://odysee.com/%40laquintacolumna%3A8/PRESENTACI%C3%93NINFORMET%C3%89CNICOFINALDETECCI%C3%93NGRAFENOENVACUNASCOVID-PROGRAMAESPECIAL-%3A4)

 2021

Sewell, Martin. (Dpt. Of Computer Science, U College London). "Model Selection." 2007, rev. 2008. Online at *Model Selection.\**

 <http://www.modelselection.org/model-selection.pdf>

 2019

Seyfarth, R. M., and D. L. Cheney. *How Monkeys See the World.* Chicago: U of Chicago P, 1990.

\_\_\_\_\_. "Truth and Deception in Animal Communication." In *Cognitive Ethology: The Minds of Other Animals.* Ed. C. A. Ristau. Lawrence Erlbaum, 1991.

\_\_\_\_\_. "Meaning and Mind in Monkeys." *Scientific American* 267 (Dec. 1992).

Seymour, R. S., V. Bosiocic, and E. P. Snelling. "Fossil Skulls Reveal that Blood Flow Rate to the Brain Increased Faster than Brain Volume during Human Evolution." *Royal Society Open Science* 3.8 (2016): p.160305.

Shah, L. H., G. Sedgh, S. Henshaw, S. Singh, and E. Åhman. "Induced Abortion: Estimated Rates and Trends Worldwide." *The Lancet* 370.9595 (2007): 1338-45.

Shapiro, D. Y. "Sequence of Coloration Changes during Sex Reversal in the Tropical Marine Fish *Anthias squamipinnis." Bulletin of Marine Science* 31 (1981): 383-398.

Shapiro, Lucy, and Harley H. McAdams. (On genetic networks). *Science* 269 (1995): 650-56.

Shapley, Harlow (1885-1972). US astronomer, discredited the heliocentric theory.

Shatz, C. J. "The Developing Brain." *Scientific American* 267.3 (1992): 61-67.

Shatz, C. J., and C. S. Goodman. "Developmental Mechanisms that Generate Precise Patterns of Neuronal Connectivity." *Cell* 72 (Suppl.) (1993): 77-98.

Sheehan, Peter M., et al. "Sudden Extinction of the Dinosaurs: Late Cretaceous, Upper Great Plains, USA." *Science* 254(1991): 835-39.

Sheinberg, D. L., N. K. Logothetis, and D. A. Leopold. "What Is Rivalling during Binocular Rivalry?" *Nature* 380 (1996): 621-24.

Sheppard, Scott S., and Chadwick A. Trujillo. "A Sedna-like Body with a Perihelion of 80 Astronomical Units." Nature 507 (27 March 2014).

Sherman, P. W., and H. K. Reeve. "Adaptation and the Goals of Evolutionary Research." *Quarterly Review of Biology* 68 (1993): 1–32.

Sherman, P., and D. Pfennig. "Kin Recognition." *Scientific American* (June 1995).

Sherwin, J. C., M. H. Reacher, R. H. Keogh, A. P. Khawaja, D. A. Mackey, and P. J. Foster. "The Association between Time Spent Outdoors and Myopia in Children and Adolescents: A Systematic Review and Meta-analysis. *Ophthalmology* 119.10 (2012): 2141–51.

 <http://doi.org/10.1016/j.ophtha.2012.04.020>

 2018

Sherwin, Robert S., and Kathleen A. Page. "The Brain: Our Food-Traffic Controller." *New York Times* (Sunday Review) 26 April 2013.\*

 <http://www.nytimes.com/2013/04/28/opinion/sunday/the-brain-our-food-traffic-controller.html?_r=0>

 2013

Shimony, Abner. (Professor Emeritus of Philosophy and Physics. Boston U). "On Mentality, Quantum Mechanics and the Actualization of Potentialities." In *The Large, The Small and the Human Mind.* By Roger Penrose. With Abner Shimony, Nancy Cartwright, and Stephen Hawking. Foreword by Malcolm Longair. Cambridge: Cambridge UP, 1997. 144-60.\*

Shipman, Pat, and Erik Trinkaus. *The Neandertals: Changing the Image of Mankind.* London: Pimlico, 1994.

Shipman, Pat, and Alana Walker. *The Wisdom of the Bones: The Search of Human Origins.* London: Weidenfeld & Nicolson, 1996.

Shlien, J., ed. *Research in Psychotherapy* 3. American Psychological Associaton, 1968.

Shreeve, James, and Donald C. Johanson. *Lucy's Child: The Discovery of a Human Ancestor.* New York: William Morrow, 1989.

Shreeve, James. "This Face Changes the Human Story. But How?" Photog. Robert Clark. *National Geographic* 10 Sept. 2015.\* (Homo naledi).

 <http://news.nationalgeographic.com/2015/09/150910-human-evolution-change/>

 2015

Shrira, A., B. Mollov and C. Mudahoroga. "Complex PTSD and Intergenerational Transmission of Distress and Resilience among Tutsi Genocide Survivors and Their Offspring: A Preliminary Report." *Psychiatry Research* 271 (Jan. 2019): 121-23. Online at *PubMed.\**

 <https://www.ncbi.nlm.nih.gov/pubmed/30472506>

 2019

Shu, Frank. *The Physical Universe.* Mill Valley (CA): University Science Books, 1982.

Shubin, Neil H. *Your Inner Fish: A Journey into the 3.5-Billion-Year History of the Human Body.* Pantheon, 2008.

\_\_\_\_. *The Universe Within: Discovering the Common History of Rocks, Planets, and People.* New York: Pantheon Books, 2013.

Shubin, N. H., and P. Alberch. "A Morphogenetic Approach to the Origin and Basic Organization of the Tetrapod Limb." In *Evolutionary Biology* 20. Ed. Ed. M. K. Hecht, B. Wallace and G. T. Prance. New York: Plenum, 1986. 319-87.

Shultz, Susanne, Christopher Opie and Quentin D. Atkinson. "Stepwise Evolution of Stable Sociality in Primates." *Nature* 479 (10 Nov. 2011): 219-22.\* doi: 10.1038/nature10601

 <http://www.nature.com/nature/journal/v479/n7372/full/nature10601.html>

 2011

Sidtis, J. J., J. D. Holtzman, B. T. Volpe, D. H. Wilson and M. S. Gazzaniga. "Dissociation of Spatial Information for Stimulus Localization and the Control of Attention." *Brain* 104 (1981): 861-72.

Siebold, Philip Franz von. (1796-1866). *Entwickelungsgeschichte des Cephalopoden.*

Siegel, A., Norbert Wiener, B. Rankin, W. T. Martin, *Differential Space, Quantum Systems and Prediction.* Cambridge (MA): MIT Press, 1966.

Siegel, Ethan. (Ethan Siegel, astrophysicist, Portland, OR). *Respectful Insolence.* Science blog.

 <http://scienceblogs.com/insolence/>

 2011

\_\_\_\_\_. "The Strangest Moon in the Solar System." *Medium* 4 Feb. 2015.\* (Iapetus).

 <https://medium.com/starts-with-a-bang/the-strangest-moon-in-the-solar-system-bdc675ec411c>

 2015

Siegel, Daniel. *The Developing Mind: Toward a Neurobiology of Internal Experience.* New York: Guilford, 1999.

Siegel, Mark. (New York U clinical professor of Medicine and Fox News medical contributor) *Covid-19: The Politics of Fear and the Power of Silence.* 2020.

Siffge-Krenke, Inge. (U of Mainz). *Adolescents' Health: A developmental Perspective.* London: Erlbaum, 1998.

Sigmund, Karl (1945; professor, Institue of Mathematics, U of Vienna), Martin A. Nowak, and Robert M. May. "The Arithmetics of Mutual Help." *Scientific American* (June 1995): 76-81.

\_\_\_\_\_. "The Arithmetics of Mutual Help." *Scientific American* (June 1995): 76-81. Excerpt. In *Darwin: Texts. Commentary.* Ed. Philip Appleman. 3rd ed. New York: Norton, 2001. 403-08.\*

Signor, P. W., and J. H. Lipps. "Sampling Bias, Gradual Extinction Patterns and Catastrophes in the Fossil Record." *Geological Society of America Special Paper* (Regional Studies) 190 (1982): 291-96.

Sigró, J., M. Brunet, E. Aguilar, O. Saladié, and D. López-Bonillo. "Variabilidad de la temperatura estival en Cataluña (1950-1998)." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 301-10.\*

Sigró, J., O. Saladié, M. Brunet, E. Aguilar, and D. López. "Análisis de la tendencia de la precipitación de primavera en la cuenca del Pirineo Oriental durante el periodo 1896-2003." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 475-86.\*

Silbersweig, D. A., et al. "A Functional Neuroanatomy of Hallucinations in Schizophrenia." *Nature* 378 (1995): 176-9.

Silk, Joseph. *The Big Bang.* New York: Freeman, 1980.

Silk, Joe, et al. "Anthropics: Selection Effects & Fine Tuning in Cosmology." Video panel. (Multiverse and Fine Tuning). *YouTube (Philosophy of Cosmology)* 7 May 2014.\* (Nick Bostrom, Joe Silk, Chris Smeenk, Jean-Philippe Uzan).

 <https://youtu.be/EBFpBPaxjZ0>

 2016

Simón, José Luis, et al., eds. *Tierra: Poemas y música de las esferas.* CD. Zaragoza: Ayuntamiento de Zaragoza / Delicias Discográficas, 2015.\*

Simpson, George Gaylord. *The Meaning of Evolution.* New Haven (CT), 1949.

\_\_\_\_\_. *The Meaning of Evolution: A Study of the History of Life and Its Significance for Man.* 1951.

\_\_\_\_\_. *The Major Features of Evolution.* 1953.

\_\_\_\_\_. *This View of Life.* 1964.

\_\_\_\_\_. "The Nonprevalence of Humanoids." In Simpson, *This View of Life*. New York: Harcourt, 1964. 263-71.

\_\_\_\_\_. *Fossils and the History of Life.* New York: Scientific American, 1983.

Simpson, S., B. Asfaw, T. White, O. Lovejoy, B. Latimer, and G. Suwa. "Australopithecus garhi: A New Species of Early Hominid from Ethiopa." *Science* 284 (2000): 629-35.

Simmons, K. E. L. "Ecological Determinants of Breeding Adaptations and Social Behavior in Two Fish-Eating Birds." In *Social Behavior in Birds and mammals*. Ed. J. H. Crook. London: Academic Press, 1970.

Singer, W. "Development and Plasticity of Cortical Processing Architectures." *Science* 270 (1995): 758-64.

Singer, Wolf (Max Planck Institute for Brain Research, Frankfurt/Main, Germany). "Consciousness and the Binding Problem." In *Cajal and Consciousness: Scientific Approaches to Consciousness on the Centennial of Ramón y Cajal's Textura.* Ed. Pedro C. Marijuán. New York: New York Academy of Sciences, 2001. 123-46.\* (Brain, mind).

Singh, S., G. Sedgh, S. Henshaw, E. Åhman and L. H. Shah. "Induced Abortion: Estimated Rates and Trends Worldwide." *The Lancet* 370.9595 (2007): 1338-45.

Singleton, Paul. *Bacteria in Biology, Biotechnology and Medicine.* 6th ed. Hoboken (NJ): Wiley, 2004.

Sintes, Alicia. (Researcher at LIGO project; U de las Islas Baleares). "El descubrimiento del siglo." *El País* 22 Dec. 2016.\*

 <http://elpais.com/elpais/2016/12/21/ciencia/1482325843_074143.html>

 2016

Sinués Porta, Blnca, Ana Fanlo Villacampa, Marisol Soria Aznar and Jesús Fernando Escanero Marcén. "El calcio intracelular: Un hilo conductor en el aprendizaje de la Farmacología Cardiaca." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Sjolund, Richard D., (professor of biological sciences, U of Iowa), and Betty McCollister. "Evolution at the Grass Roots." From the Cedar Rapids (Iowa) *Gazette* 20 April 1998. In *Darwin: Texts. Commentary.* Ed. Philip Appleman. 3rd ed. New York: Norton, 2001. 569-70.\* (Biotechnology and creationism).

Skinner, Michael. (Washington State U). "Unified Theory of Evolution." *Aeon* 9 Nov. 2016.\* (Neo-Lamarckism, epigenetics).

 <https://aeon.co/essays/on-epigenetics-we-need-both-darwin-s-and-lamarck-s-theories>

 2017

Skipper, Magdalena, Ritu Dhand and Philip Campbell. "Presenting ENCODE." *Nature* 489.45 (6 Sept. 2012). ("Encyclopedia of DNA Elements").

 Doi:10.1038/489045a.

Sklar, Lawrence. *Space, Time, and Space-Time.* Berkeley: U of California P, 1974.

\_\_\_\_\_. *The Philosophy of Space-Time.* Berkeley: U of California P, 1985.

\_\_\_\_\_. *Physics and Chance: Philosophical Issues in the Foundations of Statistical Mechanics.* Cambridge: Cambridge UP, 1995.

Skoglund, Peter, Swapan Mallick, et al. "Genetic Evidence for Two Founding Populations of the Americas." *Nature* 525 (3 Sept. 2015): 104-8; online 21 Jul. 2015.\*

 <http://www.nature.com/nature/journal/v525/n7567/full/nature14895.html>

 2015

Slater, A. E. "Biological Problems of Space Flight." *Journal of the British Interplanetary Society* 10 (1951): 154-58.

Slatkin, M., B. Charlesworth, and R. Lande. "A Neo-Darwinian commentary on macroevolution." *Evolution* 36 (1982): 474–98.

DOI: [10.1111/j.1558-5646.1982.tb05068.x](https://doi.org/10.1111/j.1558-5646.1982.tb05068.x)

Online at PubMed.\*

 <https://pubmed.ncbi.nlm.nih.gov/28568049/>

 2021

Sloane, N. J. A., and J. H. Conway. *Sphere Packing, Lattices and Groups.* Springer, 1988.

Slonimski, Piotr P., and Antoine Danchin. "Les gènes en morceaux." *La Recherche* 155 (May 1984): 616-26.

Smeenk, Chris, et al. "Anthropics: Selection Effects & Fine Tuning in Cosmology." Video panel. (Multiverse and Fine Tuning). *YouTube (Philosophy of Cosmology)* 7 May 2014.\* (Nick Bostrom, Joe Silk, Chris Smeenk, Jean-Philippe Uzan).

 <https://youtu.be/EBFpBPaxjZ0>

 2016

Smith, Anthony. *The Weather: The Truth about the Health of Our Planet.* London: Hutchinson, 2000.

Smith, A. B., S. Zamora, and J. J. Álvaro. "The Oldest Echinoderm Faunas from Gondwana Show that Echinoderm Body Plan Diversification Was Rapid." *Nature Communications* 4 (2013): 1385 doi: 10.1038/ncomms2391.

Smith, B. C. "The Owl and the Electric Encyclopedia." *Artificial Intelligence* 47 (1991): 251-88.

Smith, C. Earle, Jr., "Archaeological Evidence for Selection in Avocado." *Economic Botany* 20 (1966): 169-75.

\_\_\_\_\_. "Additional Notes on Pre-Conquest Avocados in Mexico." *Economic Botany* 23 (1969): 135-40.

Smith, Charles C., Martin A. Buzas, and Raymond C. Douglass. "8. Kingdom Protista." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 67-106.\* (Foraminifera, Coccolithophores).

Smith, Clare, et al. "Deaths of Children and Young People in England Following SARS-CoV-2 Infection During the First Pandemic Year: A National Study Using Linked Mandatory Child Death Reporting Data." *ResearchSquare* 7 July 2021.\*

DOI: [10.21203/rs.3.rs-689684/v1](https://doi.org/10.21203/rs.3.rs-689684/v1)

 <https://www.researchsquare.com/article/rs-689684/v1>

 2021

Smith, D. A., and J. H. Conway. *On Quaternions and Octonions.* A. K. Peters, 2003.

Smith, E. O., and I. S. Bernstein, eds. *Primate Ecology and Human Origins.* New York: Garland STPM Press, 1979.

Smith, Fred H., and Frank Spencer, eds. *The Origins of Modern Humans: A World Survey of the Fossil Evidence.* New York, 1984.

Smith, G. E. "On the Morphology of the Brain in the Mammalia, with Special Reference to that of the Lemurs, Recent and Extinct." *Transactions of the Linnaean Society* 8 (1903): 319-432. (G. Elliot Smith).

\_\_\_\_\_. "Men of the Old Stone Age." *American Museum Journal* 16 (1916): 319-25.

\_\_\_\_\_. "The Study of Man." *Nature* 112 (1923): 440-44.

\_\_\_\_\_. *The Evolution of Man.* London: Oxford UP, 1924.

\_\_\_\_\_. "Casts Obtained from the Brain Cases of Fossil Men." *Natural History* 26 (1926): 294-99.

\_\_\_\_\_. "The Meaning of the Brain." *Scientific American* 136 (1927): 13-16.

\_\_\_\_\_. *Human Nature.* London: Watts & Co., 1927.

\_\_\_\_\_. "Neanderthal Man Not Our Ancestor." *Scientific American* (August 1928): 112-15.

\_\_\_\_\_. *Human History.* New York: Norton, 1929.

Smith, John Maynard. *The Evolution of Sex.* Cambridge: Cambridge UP, 1978.

Smith, John Maynard, and Eors Szathmary. *The Major Transitions in Evolution.* New York: Oxford UP, 1998. (Prisoner's dilemma).

Smith, John B., David J. Bolter, and Michael Joyce. Storyspace: A Hypertext Writing Environment [Earlier subtitle: A Computer System for Reading and Writing.] Software. Cambridge (MA): Eastgate Systems, 1988-1993.

Smith, John B., J. David Bolter, Michael Joyce,and Mark Bernstein. *Getting Started with Storyspace.* Cambridge (MA): Eastgate Systems, 1993.

Smith, K., G. F. Thompson and H. D. Koster. "Sweat in Schizophrenic Patients: Identification of the Odorous Substance." *Science* 166 (1969): 398-99.

Smith, M. L. "The Fungus *Armillaria bulbosa*  is Among the Largest and Oldest Living Organisms." *Nature* 356 (1992): 428-31.

Smith, Peter. (Peter Smith, senior lecturer, faculty of philosophy, University of Cambridge). *Logic matters.* Blog on logic and the philosophy of mathematics.

 <http://logicmatters.blogspot.comj>

 2008

Smith, Peter, and Peter Carruthers, eds. *Theories of Theories of Mind.* Cambridge, Cambridge UP, 1996.

Smith, Robert B., and Lee J. Siegel. *Windows into the Earth: The Geologic Story of Yellowstone and Grand Teton National Parks.* Oxford: Oxford UP, 2002.

Smith, V. G. F., G. A. Parker, and R. R. Baker. "The Origin and Evolution of Gamete Dimorphism and the Male-Female Phenomenon." *Journal of Theoretical Biology* 36 (1972): 529-53.

Smith, William. (1769-1839; English geologist, theorist of stratigraphy, pub. map 1815).

Smoot, George (Nobel for Physics, 2006), and Saul Perlmutter (Nobel Prize in Physics 2011). "The Beginning and End of the Universe." *YouTube (University of California Television)* 14 March 2013.\*

 <http://youtu.be/cC7bBUVS0l0>

 2014

Smuts, Barbara B. *Sex and Friendship in Baboons.* New York, 1985.

Smuts, B. B., D. L. Cheney, R. M. Seyfarth, R. Wrangham and T. T. Struhsaker. *Primate Societies.* Chicago: U of Chicago P, 1987.

Smuts, Jan Christian. (General the Right Hon. J. C. Smuts). *Holism and Evolution.* London: Macmillan, 1926. 2nd ed. 1927.

\_\_\_\_\_. *Holism and Evolution.* 1927. Online at *Internet Archive (Universal Library).\**

 <http://archive.org/details/holismandevoluti032439mbp>

 2013

Snell, O. "Die Abhängigkeit des Hirngewichtes von dem Körpergewicht und den geisitigen Fähigkeiten." *Archiv für Psychiatrie und NervKrankheiten* 23 (1891): 436-46.

Snelling, E. P., R. S. Seymour, and V. Bosiocic. "Fossil Skulls Reveal that Blood Flow Rate to the Brain Increased Faster than Brain Volume during Human Evolution." *Royal Society Open Science* 3.8 (2016): p.160305.

Snyder, Carl H. *The Extraordinary Chemistry of Ordinary Things.* London: Wiley & Sons, 1995.

Sober, Elliott. (U of Wisconsin; Hempel Award 2014). *Conceptual Issues in Evolutionary Biology.* Cambridge (MA), 1984.

\_\_\_\_\_. *The Nature of Selection: A Philosophical Inquiry.* Cambridge (MA), 1985.

\_\_\_\_\_. *The Design Argument.* Cambridge: Cambridge UP, 2018.

\_\_\_\_\_. "The Design Argument." Audio. Interview by Carrie Lynn Evans. *New Books Networks* 28 Jan. 2019.\*

 <https://newbooksnetwork.com/elliott-sober-the-design-argument-cambridge-up-2018/>

 2019

Soberón-Mainero, J., J. L. León-Cortés and J. Llorente-Bousquets. "Assessing Completeness of Mexican Sphinx Moth Inventories through Species Accumulation Functions." *Diversity and Distributions* 4.1 (January 1998): 37-44.

Soejono, R. P. (Indonesian Centre for Archaeology), P. Brown, M. J. Morwood, Jatmiko, E. Wayhu Saptomo and Rukus Awe Due. "A New Small-Bodied Hominin from the Late Pleistocene of Flores, Indonesia." *Nature* 431 (28 Oct. 2004): 1055-61. [www.nature.com/nature](http://www.nature.com/nature)

Sokal, Alan (b. Boston, c. 1955; New York U) "Transgressing the Limits: Toward a Transformational Hermeneutics of Quantum Gravitation." Spoof essay. *Social Text* (1996):

\_\_\_\_\_. *Más allá de las imposturas intelectuales.* Barcelona: Paidós, 2009.

Sokal, Alan, and Jean Bricmont. *Impostures Intellectuelles.* Paris: Odile Jacob, 1997.\*

\_\_\_\_\_. *Intellectual Impostures: Postmodern Philosophers' Abuse of Science.* London: Profile Books, 1998. 1999.\*

\_\_\_\_\_. *Imposturas intelectuales.* Barcelona: Paidós, 1999.

Soler Gil, Francisco. "El multiverso y el ajuste fino de las leyes de la naturaleza." In *La inteligencia en la naturaleza.* Ed. Francisco Rodríguez Valls. Madrid: Biblioteca Nueva, 2012. 135-45.

\_\_\_\_\_. "El multiverso y el ajuste fino de las leyes de la naturaleza." Video lecture. *YouTube (Philosophie der Kosmologie)* 20 July 2015.\*

 <https://youtu.be/hp0TLaZPca0>

 2017

Soler Gil, Francisco, and Antonio Aparicio Juan. "Apunta la cosmología actual a un universo autosuficiente?" (Seminario - Grupo de Investigación Ciencia, Razón y Fe, U de Navarra). *YouTube (Universidad de Navarra)* 17 Sept. 2015.\*

 <https://youtu.be/Alu9n0wLXuc>

 2017

Solms, Mark. "The Conscious Id." *Neuropsychoanalysis* 15.1 (2013).

 <http://www.tandfonline.com/doi/abs/10.1080/15294145.2013.10773711?src=recsys#.VDov9efHN7d>

**DOI:** 10.1080/15294145.2013.10773711

 2014

\_\_\_\_\_. "The Conscious Id." (Neuropsychoanalysis, Part 2). Video. *Viddler-NPSA* 10 Nov. 2011.\*

 <http://www.viddler.com/explore/npsa/videos/37/>

 2011

\_\_\_\_\_. "Wo Sitzt das Unbewusste?" *3SATmediathek* 2 Oct. 2014.\* (Interview in English).

 <http://www.3sat.de/mediathek/index.php?mode=play&obj=45912>

 2014

Solms, Mark, and Oliver Trunbull. *The Brain and the Inner World.*

Solozábal Echavarría, Juan José. *Tiempo de reformas: El estado autonómico en cuestión.* c. 2005.

Sompayrac, I. M. *How the Immune System Works.* 3rd ed. Hoboken (NJ): Wiley, Blackwell, 2008.

Sorenson, E. Richard, Paul Ekman, Paul, and Wallace V. Friesen. "Pancultural Elements in Facial Displays of Emotion." *Science* 164 (1969): 86-8.

Soria Aznar, Marisol, Mª del Carmen González Sinde, Manuel Guerra Sánchez y Jesús Fernando Escanero. "Guía Docente de la asignatura optativa 'Bioquímica Clínica'." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Soria Aznar, María Soledad. (U de Zaragoza; a.k.a. Marisol Soria).

Soria Aznar, Marisol, Ignacio Giménez, Ana Julia Fanlo and Jesús Fernando Escanero Marcén. "El mapa conceptual: Una nueva herramienta de trabajo. Diseño de una práctica para Fisiología." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Soria Aznar, Marisol, Ana Fanlo Villacampa, Blanca Sinués Porta, y Jesús Fernando Escanero Marcén. "El calcio intracelular: Un hilo conductor en el aprendizaje de la Farmacología Cardiaca." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Soria Aznar, Mª Soledad, Jesús Fernando Escanero Marcén, María Soledad Soria Aznar, José Luis Nieto Amada, Ana Isabel Cisneros Gimeno and Mª del Carmen Pérez Castejón. "Proyecto de integración complementaria para la enseñanza del aparato respiratorio en la Facultad de Medicina de Zaragoza." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Sorrentino, Viviana, Valeria Torti, Cristina Giacoma and Marco Gamba (all Dpt. of Animal and Human Biology, U of Turin, Via Accademia Albertina 13, 10123 Torino). "Acoustic Potential for Reference-Like Communication in Wild Indris." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 505-6.\*

Soto, Domingo. *Tratado de amor de Dios.*

Sousa, A., L. García-Barrón, M. I. González-Pérez, and J. Morales. "Evolución de la distribución intraanual de temperaturas basada en niveles de referencia." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 617-24.\*

Sousa, A., J. Morales, P. Candau, F. González-Minero, M. J. Cuadri, and L. García Barrón. "Influencia de los parámetros meteorológicos en la concentración de basidiosporas en la atmósfera de Sevilla." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 675-86.\*

Sousa, A., L. García-Barrón, J. Morales, and V. Jurado. "Caracterización temporal del régimen térmico intraanual en Andalucía occidental." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 625-34.\*

Sousa, A., P. García Murillo, J. Morales, and L. García Barrón. "Los humedales del SW de España (litoral oriental onubense) como vínculo entre la malaria y los cambios climáticos más recientes." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 709-20.\*

Sousa-Silva, Clara. "Clara Sousa-Silva: Searching for Signs of Life on Venus and Other Planets – Lex Fridman Podcast #195." Video interview. *YouTube (Lex Fridman)* 28 June 2021.\*

<https://youtu.be/CGAvsmokB4c>

 2021

Southall, J. P., trans. and ed. *Handbook of Physiological Optics.* By Hermann L. F. von Helmholtz. London and New York, 1963.

Spelke, Elizabeth S., and Ranxiao Frances Wang. "Human Spatial Representation: Insights from Animals." *Trends in Cognitive Sciences* 6.9 (Sept. 2002): 376-82. Online PDF.\*

 <http://www.arts.uwaterloo.ca/~cellard/teaching/PSYC396/ws2002.pdf>

 2015

\_\_\_\_\_. "What Makes Humans Different?" Video lecture. (CARTA: Mind Reading: Human Origins and Theory of Mind). 18 Oct. 2013. *YouTube (University of California Television)* 19 Dec. 2013.\*

 <https://youtu.be/R6FanrZ1bjY>

 2016

Spencer; Achlioptas; and Raissa D'Souza. "Explosive Percolation." *Science* (2009).

Spencer, Frank, and Fred H. Smith, eds. *The Origins of Modern Humans: A World Survey of the Fossil Evidence.* New York, 1984.

Sperry, R. W. "Mechanisms of Neural Maturation." In *Handbook of Experimental Psychology.* Ed. S. Stevens. New York: Wiley, 1963. 236-80.

Spigelius, Adrian. *Adrian. Spigelij de Corporis Humani fabrica.*

\_\_\_\_\_. *Isagoge in re herbaria.*

Spillmann, L., and C. Redies. "The Neon Color Effect in the Ehrenstein Illusion." *Perception* 10 (1981): 667-81.

Spindler, Konrad. *The Man in the Ice.* Trans. Ewald Osers. London: Weidenfeld and Nicolson, 1995. (Primitive man).

Spinka, Marek, Ruth C. Newberry and Marc Bekoff. "Mammalian Play: Training for the Unexpected." *The Quarterly Review of Biology* 76 (2001): 141-68.

Spira, Beny. "Correlation Between Mask Compliance and COVID-19 Outcomes in Europe." *Cureus* 14.4 (19 April 2022): e24268. doi:10.7759/cureus.24268

<https://www.cureus.com/articles/93826-correlation-between-mask-compliance-and-covid-19-outcomes-in-europe>

2022

Spiro, Michael, and Étienne Klein, eds. *Le Temps et sa flèche.* Editions Frontières, 1995; rpt. (Champs), 1996.

Spooner, J. W., and F. A. MacDougall. *The Lake Sturgeon.* Ontario Dept. of Lands and Forests, Fish and Wildlife Branch, 1961.

Spoor, Fred., Meave G. Leakey, M. Christopher Dean, Craig S. Feibel, Susan C. Antón, Christopher Kiarie and Louise N. Leakey. "New fossils from Koobi Fora in northern Kenya confirm taxonomic diversity in early *Homo." Nature* 488 (9 Aug. 2012): 201-4.\* doi:10.1038/nature11322

Sprigg, Reginald. (Australian geologist, discovered Ediacaran fauna, pub. In *Transactions of the Royal Society of South Australia*).

Springer, Sally P., and Georg Deutsch. *Left Brain, Right Brain.* New York: W. H. Freeman, 1989. 1993.

Sprinkle, James, and Porter M. Kier. "18. Phylum Echinodermata." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 550-611.\* (Echinoidea, etc.).

Squire, Larry, and William Mobley. "The Anatomy of Memory." Video interview. *YouTube (University of California Television (UCTV))* 18 July 2014.\*

 <http://youtu.be/spTE65zX6Oo>

 2014

Srinivasan, R., G. Tononi, D. P. Russell, and G. M. Edelman. "Investigating Neural Correlates of Conscious Perception by Frequency-tagged Neuromagnetic Responses." *Proceedings of the National Academy of Sciences of the USA* 95 (1998): 3198–203.

Srinvasan, M. V., and R. Wehner. "Searching Behavior of Desert Ants, Genus Catagyhlphis (Formicidae, Humenoptera)." *Journal of Comparative Physiology* 142 (1981): 315-38.

Srinivasan, R., G. Tononi, D. P. Russell, and G. M. Edelman. "Investigating Neural Correlates of Conscious Perception by Frequency-tagged Neuromagnetic Responses." *Proceedings of the National Academy of Sciences of the USA* 95 (1998): 3198–203.

Stager, Kurt. (1956, Ph.D. in Biology and Geology Duke U, 1985; t. Paul Smith's College, Adirondack Mountains, NY, researcher at the Climate Change Institute, U of Maine).

\_\_\_\_\_. *El futuro profundo: Los próximos 100.000 años de vida en la Tierra.* Trans. Joan Lluís Riera. (Drakontos). Barcelona: Crítica, 2012.\* (Climate change).

Stahl, Franklin W., and Matthew S. Meselson. (Report on conserved DNA duplication). *Proceedings of the National Academy of Sciences, USA* 44 (1958): 671-82.

Stalcup, Brenda, ed. *Endangered Species: Opposing Viewpoints.* Can Diego: Greenhaven, 1996.

Stanley, Steven M. *Extinction.* New York: Scientific American, 1987.

Stanley, Steven M. *Macroevolution: Pattern and Process.* 1979. Baltimore: Johns Hopkins UP, 1998.

Stapp, H. P. "The Copenhagen Interpretation." *American Journal of Physics* 40 (1972): 1098-116.

\_\_\_\_\_. *Mind, Matter, and Quantum Mechanics.* Berlin: Springer, 1993.

\_\_\_\_\_. "The Hard Problem: A Quantum Approach." *Journal of* *Consciousness Studies* 3.3 (1996): 194–210.

Starkova, Alena. (Lomonosov Moscow State U, Faculty of Economics). "Early Warning System for Banking Liquidity Crises." *Russian Review / Russkoe obozrenie* 2.3 (2015): 29-35.\*

Stasheff, S., and J. Milnor. *Characteristic Classes.* Princeton (NJ): Princeton UP, 1972.

Stauffer, R. C., ed. *Charles Darwin's Natural Selection; Being the Second Part of His Big Species Book Written from 1856 to 1858.* London: Cambridge UP, 1975.

Stearns, Stephen C. *Evolution, Ecology and Behavior.* Video course at *YouTube (YaleCourses)* 27 Aug. 2009.\*

 <http://www.youtube.com/watch?v=VjgHd6HKtvE&feature=share&list=EC6299F3195349CCDA>

 2013

\_\_\_\_\_. "19. The Fossil Record and Life's History." (Evolution, Ecology, and Behavior). *YouTube (YaleCourses)* 1 Sept. 2009.\*

 <http://www.youtube.com/watch?v=KnFe-YvrS60&feature=share&list=EC6299F3195349CCDA>

 2013

Steegmann Olmedilla, Juan Luis. "Steegmann a Salvador Illa: “Como no hay mascarillas, no saben si recomendarlas." Video. *YouTube (Vox Congreso)* 8 April 2020.\*

 <https://youtu.be/ejO0qSDN7iE>

 2020

\_\_\_\_\_. "Los errores de Simón nos han convertido en el país con más muertos por habitante del mundo." Audio interview by Federico Jiménez Losantos. *Libertad Digital* / *EsRadio* 15 April 2020.\*

 <https://www.libertaddigital.com/espana/2020-04-15/coronavirus-steegmann-los-errores-de-simon-nos-han-convertido-en-el-pais-con-mas-muertos-por-habitantes-del-mundo-1276655905/>

 2020

Steen, Diana, Michael S. Gazzaniga and B. T. Volpe. *Functional Neuroscience.*

Steen-McIntyre, Virginia, R. Fryxell and H. E. Malde. "Geologic Evidence for Age of Deposits at Hueyatlaco Archaeological Site, Valsequillo, Mexico." *Quaternary Research* 16 (1981): 1-17.

Steenrod, N. *Topology of Fibre Bundles.* Princeton, 1951.

Stein, James D. *Cosmic Numbers.* C. 2014.

Steinhardt, Paul. "La inflación a debate." In *Origen y evolución del Universo.* (Temas, 72). *Investigación y Ciencia- Edición española de Scientific American,* 2nd tr. 2013. 64-71.\*

Steinhardt, Paul J., and Neil Turok, *Endless Universe: Beyond the Big Bang.* Doubleday, 2007.

Stengers, Isabelle, and Ilya Prigogine. "La Dynamique, de Leibniz à Lucrèce." *Critique* 380 (1979).

\_\_\_\_\_. *La nueva alianza.* Madrid: Alianza, 1983.

\_\_\_\_\_. *La nueva alianza: Metamorfosis de la ciencia.*Trans. María Cristina Martín Sanz. Introd. Antonio F. Rañada. (Biblioteca Universal, Ciencia). Barcelona: Círculo de Lectores, 1997.\* (Myth, physics, reality, complexity, energy, thermodynamics, order, chance, dynamics, relativity, quantum theory, time, science).

\_\_\_\_\_. *Order Out of Chaos: Man's New Dialogue with Nature.* Toronto: Bantam, 1984.

\_\_\_\_\_. *Order Out of Chaos: Man's New Dialogue with Nature.* London: Stensiö, E. A. *Downtonian and Devonian Vertebrates of Spitsbergen, part 1, Family Cephalaspidae.* Oslo, 1927.

Stent, Gunther, ed. *The Double Helix.* (Norton Critical Edition). New York: Norton, 1980.

Stent, Gunther, and Richard Calendar. *Molecular Genetics: An Introductory Narrative.*2nd ed. San Francisco: W. H. Freeman, 1978.

Stenzel, H. B. *Oysters: Treatise on Invertebrate Paleontology.* Part N, Vol. 3, Mollusca 6, Bivalvia. Geological Society of America and the University of Kansas, 1971.

Stepanek, P., J. C. González-Hidalgo, M. de Luis, and S. Lanjeri. "Propuesta metodológica para realizar el control de calidad de las precipitaciones mensuales en la vertiente mediterránea de la Península Ibérica." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 391-410.\*

Sterba, G. *Freshwater Fishes of the World.*2 vols. Hong Kong: Hong Kong TFH Publications, 1973.

Stern, Curt. *Principles of Human Genetics.* 3rd ed. San Francisco: W. H. Freeman, 1978.

\_\_\_\_\_. *Thoughts on Research.* 1968.

Sternberg, Paul M., and William F. Loomis. "Genetic Networks." *Science* 269 (1995): 649. (Cells).

Sterry, Paul, ed. *Aves de Europa.* Barcelona: Planeta, 1999.\* (Orig. pub. The Automobile Association, 1998).

Stevens, Harry. "Why Outbreaks like Coronavirus Spread Exponentially, and How to 'Flatten the Curve'." *Washington Post* 14 March 2020.\*

 <https://www.washingtonpost.com/graphics/2020/world/corona-simulator/>

 2020

Stevens, William K. *The Change in the Weather: People, Weather, and the Science of Climate.* New York: Delacorte, 1999.

Stever, H. Guyford, and John F. Ahearne, co-chairs. *Linking Science and Technology to Society's Environmental Goals.* US National Research Council Special Report. Washington, DC: National Academy Press, 1996.

Stewart, Ian. (Professor of Mathematics, U of Warwick). *From Here to Infinity: A Guide to Today's Mathematics.*

\_\_\_\_\_. *The Science of Discworld.*

\_\_\_\_\_. *The Science of Discworld II: What Shape Is a Snowflake?*

\_\_\_\_\_. *Flatterland.*

\_\_\_\_\_. *Natures Numbers: Discovering Order and Pattern in the Universe.* London: Phoenix, 1995.

\_\_\_\_\_. *Math Hysteria: Fun and Games with Mathematics.* Oxford: Oxford UP, 2004.

\_\_\_\_\_. *Why Beauty Is Truth: A History of Symmetry.* Perseus Books Group, 2007.

\_\_\_\_\_. *Historia de las Matemáticas en los últimos 10.000 años.* Barcelona: Crítica, 2012.

Stewart, Ian, Terry Pratchett, and Jack Cohen. *Science of Discworld* series. (*The Science of Discworld II: The Globe,* on narrativity and evolutionary theory).

Stewart, Ian, and Jack Cohen *The Collapse of Chaos: Discovering Simplicity in a Complex World.* New York: Viking, 1994.

Stewart, M., V. S. Ramachandran, and D. Rogers-Ramachandran. "Perceptual Correlates of Massive Cortical Reorganization." *Science* 258 (1992): 1159-60.

Stevenson, Mark. *Un viaje optimista por el futuro.* Trans. Vicente Campos. Barcelona: Galaxia Gutenberg, 2011.

Stillwell, J. "Exceptional Objects in Mathematics." *American Mathematical Monthly* 105 (1998): 850-58.

Stirling, Patrick. Consultant in *DK Internet Dictionary.* By Grhaam Edmonds and Deborah Gray. London: Dorling Kindersley, 2002.\*

Stocker, Thomas. (U of Bern). "Anthropocene: The Closing Doors of Climate Targets." (Grantham Institute for Climate Change Annual Lecture 2013). *YouTube (Imperial College London)* 6 Dec. 2013.\*

 <https://youtu.be/Vn3_hviRfdU>

 2015

Stoerig, Petra. (Institute of Experimental Psychology II, Heinrich-Heine U, Düsseldorf; petra.stoerig@uni-duesseldorf.de). "The Neuroanatomy of Phenomenal Vision: A Psychological Perspective." In *Cajal and Consciousness: Scientific Approaches to Consciousness on the Centennial of Ramón y Cajal's Textura.* Ed. Pedro C. Marijuán. New York: New York Academy of Sciences, 2001. 176-94.\*

Stoffregen, T. A. and B. G. Bardy. "On specification and the Senses." *Behavioral and Brain Sciences* 24 (2001): 195–261.

Stollnitz, F., and A. Schrier, eds. *Behavior of Non-Human Primates.* New York: Academic Press. Vol. 4, 1971.

\_\_\_\_\_, eds. *Behavior of Non-Human Primates: Modern Research Trends.* Vol. 5. New York: Academic Press, 1974.

Stone, Anne C., and Mark Stoneking (Dept. of Anthropology, Pennsylvania State U). "mtDNA Analysis of a Prehistoric Oneota Population: Implications for the Peopling of the New World." *American Journal of Human Genetics* 62 (1998): 1153-1170.

 <http://manchester.academia.edu/AnneStone/Papers/618289/MtDNA_Analysis_of_a_Prehistoric_Oneota_Population_Implications_for_the_Peopling_of_the_New_World>

 2011

Stone, Trevor (U of Glasgow) and Gail Darlington. *Pills, Potions, and Poisons: How Drugs Work.* Oxford: Oxford UP, 2004.

Stoneking, Mark. "DNA and Recent Human Evolution." *Evolutionary Anthropology* 2 (1993): 60-73.

Stoneking, Mark, R. L. Cann, and A. C. Wilson. "Mitochondrial DNA and Human Evolution." *Nature* 325 (1987): 31-36.

Stoneking, Mark, and Anne C. Stone (Dept. of Anthropology, Pennsylvania State U). "mtDNA Analysis of a Prehistoric Oneota Population: Implications for the Peopling of the New World." *American Journal of Human Genetics* 62 (1998): 1153-1170.

 <http://manchester.academia.edu/AnneStone/Papers/618289/MtDNA_Analysis_of_a_Prehistoric_Oneota_Population_Implications_for_the_Peopling_of_the_New_World>

 2011

Stonier, Tom. *Information and the Internal Logic of the Universe.* London: Springer, 1990.

Stork, Nigel E. "Insect Diversity: Facts, Fiction and Speculation." *Biological Journal of the Linnean Society* 35 (1988): 321-37.

Stow, Dorrik (Southampton Oceanography Centre). *Encyclopedia of the Oceans.* Oxford: Oxford UP, 2004.

Stoyenko, A. D., P. A. Laplante, R. Harrison and T. J. Marlowe. "Doubling the Engineer's Utility." *IEEE Spectrum* (Dec. 1994).

Strang, Gilbert. "MIT 18.085: computational Science and Engineering I; Fall 2008." Video lecture series. Online at *YouTube-MIT*

 <http://www.youtube.com/playlist?list=PLF706B428FB7BD52C&feature=digest_sat>

 2012

Strassman, Beverly I., et al. "Religion as a Means to Assure Paternity." *PNAS* 109.25 (2016): 9781-85.

 <http://m.pnas.org/content/109/25/9781.full>

 2016

Strathern, Paul. *Mendeleyev's Dream: The Quest for the Elements.* London: Penguin, 2001.

\_\_\_\_\_. *El sueño de Mendeléiev: De la alquimia a la química.* Madrid: Siglo XXI, 2000.

Streitz, Norbert, et al. "SEPIA: A Cooperative Hypermedia Authoring Environment." *ECHT'92.* New York: Association of Computing Machinery, 1992. 11-21.

Striedter, Georg F. *Principles of Brain Evolution.* Sinauer Associates, 2004.

Strietdter, Georg F., and John L. R. Rubenstein, eds. *Theories, Development, Invertebrates.* Vol. 1 of *Evolution of Nervous Systems.* Gen. ed. Jon H. Kaas. Academic Press.

Strogatz, Steven. "Batir al unísono." Interview. In Eduardo Punset, Cara a cara con la vida, la mente y el Universo: Conversaciones con los grandes científicos de nuestro tiempo. Prologue by Lynn Margulis. 2004. Barcelona: Destino, 2006. 39-51.\*

\_\_\_\_\_. *The Calculus of Friendship: What a Teacher and a Student Learned about Life while Corresponding about Math.* 2009.

 [http://www.amazon.com/Calculus-Friendship-Teacher-Student-Corresponding/dp/0691134936/ref=pe\_12975040\_txt\_11/](http://www.amazon.com/Calculus-Friendship-Teacher-Student-Corresponding/dp/0691134936/ref%3Dpe_12975040_txt_11/)

Stryker, M. P., M. M. Merzenich, M. M., R. H. Nelson, J. H. Kaas, W. M. Jenkins, J. M. Zook, M. S. Cynader and A. Schoppmann. "Variability in Hand Surface Representation in Areas 3b and 1 in Adult Owl and Squirrel Monkeys." *Journal of Comparative Neurology* 258 (1987): 281-296.

Struhl, G. "A Gene Product Required for Correct Initiation of Segmental Determination in *Drosophila." Nature* 294 (1981): 36-41.

Struthers (Dr.). (On rudiments in the human skeleton). In *Lancet* 15 Feb. 1873.

\_\_\_\_\_. (On rudiments in the human skeleton). In *Lancet* 24 Jan. 1863.

Stryker, M. P., M. M. Merzenich, R. H. Nelson, M. S. Cynader, A. Schoppmann and J. M. Zook. "Somatosensory Cortical Map Changes Following Digital Amputation in Adult Monkey." *Journal of Comparative Neurology* 224 (1984): 591-605.

Subramanyan, Vignhnesh, and Monica Varman, eds. *Consilience.* Interdisciplinary journal on environmentalism and sustainable environment*.* Columbia U

<http://youtu.be/TACVDXrJzE0>

2012

Sullivan, Walter. *Landprints.* New York: Times Books, 1984.

Sulston, John, and Georgina Ferry. *The Common Thread: A Story of Science, Politics, Ethics and the Human Genome.* London: Bantam Press, 2002.

\_\_\_\_\_. *El hilo común de la humanidad: Una historia sobre la ciencia, la política, la ética y el genoma humano.* Madrid: Siglo XXI, 2003.

Sun, Chengkai, Son Xing, María Martinón-Torres, José María Bermúdez de Castro, Fei Han, Yingqi Zhang, and Wu Liu. "Hominin Teeth from the Middle Pleistocene Site of Yiyuan, Eastern China." *Journal of Human Evolution* 95 (June 2016): 33-54.\*

 <http://www.sciencedirect.com/science/article/pii/S0047248416000464>

 2016

Susskind, Leonard. *The Black Hole War: My Battle with Stephen Hawking to Make the World Safe for Quantum Mechanics.* Little, Brown and Company, 2008.

\_\_\_\_\_. "Lecture 1 – Modern Physics: Special Relativity." *YouTube (StanfordUniversity)* 15 Aug. 2008.\*

 <http://youtu.be/BAurgxtOdxY>

 2014

\_\_\_\_\_. "Leonard Susskind on The World As Hologram." Video. *YouTube (TVO Docs)* 4 Nov. 2011.\*

 <https://youtu.be/2DIl3Hfh9tY>

 2019

\_\_\_\_\_. "Why Is Time a One-Way Street?" *YouTube (Santa Fe Institute)* 16 July 2013.\*

 <https://youtu.be/jhnKBKZvb_U>

 2016

\_\_\_\_\_. "Leonard Susskind: Is the Universe a Hologram?" *YouTube (The Good Thing)* 4 Aug. 2015.\*

 <https://youtu.be/iNgIl-qIklU>

 2017

Sutikna, Thomas, Mike Morwood, Thomas Sutikna, and Richard Robert. "The People that Time Forgot / Lost World of the Little People." Photog. Kenneth Garrett. Art by Lars Grant-West. *National Geographic* (April 2005): 4-15.\*

Sutikna, T., M. J. Morwood, P. Brown, Jatmiko, E. W. Saptomo, K. E. Westaway, R. A. Due, R. G. Roberts, T. Maeda S. Wasisto and T. Djubiantono. "Further evidence for small-bodied hominins from the Late Pleistocene of Flores, Indonesia." *Nature* 437: (2005): 1012-1017.

Sutton, Christine (Dpt. of Physics, U of Oxford), Frank Close and Michael Marten. *The Particle Odyssey: A Journey to the Heart of Matter.* Oxford: Oxford UP, 2004.

Suwa, G., B. Asfaw, T. White, O. Lovejoy, B. Latimer, and S. Simpson. "Australopithecus garhi: A New Species of Early Hominid from Ethiopa." *Science* 284 (2000): 629-35.

Suzuki, Kenta, Kazutoshi Sasahara, Miki Takahasi, Kazuo Okanoya (all 4 Laboratory for Biolinguistics, RIKEN Brain Science Institute, Saitama 351-0198; Japan), Olga Feher and Kazuo Okanoya (both Dpt. of Biology, City College, City U of New York, NY 10031). "Considering Language Evolution from Birdsong Development." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 479-80.\*

Svenning, J.-C., and S. Faurby. "Historic and Prehistoric Human-driven Extinctions have Reshaped Global Mammal Diversity Patterns." Diversity and Distributions  20 Aug. 2015.

 DOI: 10.1111/ddi.12369

 <http://onlinelibrary.wiley.com/doi/10.1111/ddi.12369/abstract>

 2015

Swain, M. J., and Y. Aloimonos, Y. "Shape from Texture." *Biological Cybernetics* 58 (1988): 345–60.

Swanson, J. M., and K. A. Forrest. *Men's Reproductive Health.* New York: Springer, 1984.

Swisher, Carl C., III, Garniss H. Curtis and Roger Lewin. *Java Man: How Two Geologists' Dramatic Discovery Changed Our Understanding of the Evolutionary Path to Modern Humans.* London: Little, Brown, 2001.

Switek, Brian. *Laelaps*. Blog at *National Geographis (Phenomena).*

 <http://phenomena.nationalgeographic.com>

 2013

\_\_\_\_\_. "Searching for the Backstory of Airborne Giants." *Laelaps* (August 2013). (*Quetzalcoatlus*).

 <http://phenomena.nationalgeographic.com/2013/08/29/searching-for-the-backstory-of-airborne-giants/>

 2013

Syed, Mobeen. "Vaccine Adverse Events in the US VAERS System." *YouTube (Drbeen Medical Lectures)* 22 June 2021.\*

 <https://youtu.be/lpDwpMyQtA4>

 2021

\_\_\_\_\_. "Steve Kirsch On COVID Early Treatment and Censorship." Video. *YouTube (Drbeen Medical Lectures)* 1 July 2021.\*

<https://youtu.be/tHIYXqMXZOU>

2021

\_\_\_\_\_. "Dr. Kory Discusses COVID-19 Management." Video. *YouTube (Drbeen Medical Lectures)* 27 July 2021.\*

<https://youtu.be/6wPsAa2V0bg>

 2021

Sykes, Bryan. *The Seven Daughters of Eve.* New York: Norton, 2001.

\_\_\_\_\_. *The Seven Daughters of Eve.* London: Bantam Press, 2001.

Sykes, Rebecca Wragg. *The Rocks Remain: Blogging on Neanderthals…* etc.

<http://www.therocksremain.org/>

 2013

\_\_\_\_\_. *Kindred: Neanderthal Life, Love, Death and Art.* Bloomsbury.

Szabo, B. J., et al. "Uranium Series Date on Camel Bone with Butchering Marks." *Earth and Planetary Science Letters* 6 (1969): 237-44.

Szalay, F. S., ed. *Approaches to Primate Paleobiology.* Basel: S. Karger, 1975.

Szamboti, Anthony, Steven Jones, Robert Korol and Ted Walter. "[15 YEARLATER: ON THE PHYSICS OF HIGH-RISE BUILDING COLLAPSES](http://www.europhysicsnews.org/articles/epn/pdf/2016/04/epn2016474p21.pdf)." Europhysics News (2016). DOI: http://dx.doi.org/10.1051/epn/2016402

 <https://www.europhysicsnews.org/articles/epn/pdf/2016/04/epn2016474p21.pdf>

 2021

Tagle, José Antonio. "Fusión nuclear: Alternativa energética o Gran Ciencia." *Revista de Occidente* 142 (1993): 49-77.\*

Tait, Lawson. "Law of Natural Selection." *Dublin Quarterly Journal of Medical Science* (Feb. 1869).

Takahasi, Miki, Kazutoshi Sasahara, Kenta Suzuki, Kazuo Okanoya (all 4 Laboratory for Biolinguistics, RIKEN Brain Science Institute, Saitama 351-0198; Japan), Olga Feher and Kazuo Okanoya (both Dpt. of Biology, City College, City U of New York, NY 10031). "Considering Language Evolution from Birdsong Development." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 479-80.\*

Tamm, Sidney. "Relations between Membrane Movements and Cytoplasmic Structures during Rotational Motility of a Termite Flagellate." *Abstracts, Cold Spring Harbor Cytoskeleton Meetings,* p. 89.

Tannere, Nancy M. *On Becoming Human.* Cambridge (UK), 1981.

Tarbuck, Edward J., and Frederick K. Lutgens. *Earth: An Introduction to Physical Geology.* Illust. Dennis Tasa. 8th ed. Pearson-Prentice Hall, 2005.

\_\_\_\_\_. *Ciencias de la Tierra: Una introducción a la geología física.* Illust. Dennis Tasa. 8th ed. Book + CD. Madrid: Pearson-Prentice Hall, 2005. 2011.\*

\_\_\_\_\_. "1. Introducción a la Geología." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 1-32.\*

\_\_\_\_\_. "2. Tectónica de placas: El desarrollo de una revolución científica." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 33-76.\*

\_\_\_\_\_. "3. Materia y minerales." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 77-106.\*

\_\_\_\_\_. "4. Rocas ígneas." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 107-34.\*

\_\_\_\_\_. "5. Los volcanes y otra actividad ígnea." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 135-74.\*

\_\_\_\_\_. "6. Meteorización y suelo." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 175-200.\*

\_\_\_\_\_. "7. Rocas sedimentarias." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 201-26.\*

\_\_\_\_\_. "8. Metamorfismo y rocas metamórficas." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 227-54.\*

\_\_\_\_\_. "9. El tiempo geológico." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 255-82.\*

\_\_\_\_\_. "10. Deformación de la corteza." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 283-307.\*

\_\_\_\_\_. "11. Los terremotos." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 307-40.\*

\_\_\_\_\_. "12. El interior de la tierra." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 341-60.\*

\_\_\_\_\_. "13. Bordes divergentes: origen y evolución del fondo oceánico." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005.\*

\_\_\_\_\_. "14. Bordes convergentes: Formación de las montañas y evolución de los continentes." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 395-424.\*

\_\_\_\_\_. "15. Procesos gravitacionales: La fuerza de la gravedad." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 425-44.\*

\_\_\_\_\_. "16. Corrientes de aguas superficiales." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 445-78.\*

\_\_\_\_\_. "17. Aguas subterráneas." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 479-504.\*

\_\_\_\_\_. "18. Glaciares y glaciaciones." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 505-36.\*

\_\_\_\_\_. "19. Desiertos y vientos." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 537-58.\*

\_\_\_\_\_. "20. Líneas de costa." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 559-88.\*

\_\_\_\_\_. "21. Energía y recursos minerales." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 589-622.\*

\_\_\_\_\_. "22. Geología planetaria." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 623-52.\*

\_\_\_\_\_. "23. Geología de la Península Ibérica y Canarias." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 653-76.\*

\_\_\_\_\_. "Apéndice A: Comparación entre unidades métricas y británicas." In *Ciencias de la tierra.* Madrid: Pearson-Prentice Hall, 2005. 677-78.\*

Tardieu, A. *Question médico-legale dans ses rapports avec les vices de conformation des organes sexuels.* Paris, 1874.

Tardós, Juan Domingo (U of Zaragoza) and José A. Castellanos. *Mobile Robot Localization and Map Building: A Multisensor Fusion Approach.* Boston: Kluwer, 1999.

Tarí Sirvent, Amando. "Peligro de muerte para los Royuela y solicitud de defensa a Fiscalía." Video. *YouTube (inquietudyconciencia)* 23 Dec. 2021.\*

 <https://www.youtube.com/watch?v=oC8RK6oZxNI>

 2022

 *Inquietud y Conciencia:*

 <https://inquietudyconciencia.wordpress.com/2021/12/23/peligro-de-muerte-para-los-royuela-y-solicitud-de-defensa-a-fiscalia/>

 2022

Tarí Sirvent, Amando, et al. "Operación Coronavirus y la Nueva Normalidad del miedo." Video. (IV Encuentro de Transformación Integral). *YouTube (Alícia Ninou)* 8 Sept. 2020.\*

 <https://youtu.be/VXySJDATvpg>

 2020

Tarter, J., ed. *SETI: Search for Extraterrestrial Life.* (NP 114). Washington: NASA Headquarters, 1989.

Taubenberger, Jeffery K., D. M. Morens and Anthony S. Fauci. "Predominant Role of Bacterial Pneumonia as a Cause of Death in Pandemic Influenza: Implications for pandemic influenza preparedness." *The Journal of Infectious Diseases* 198.7 (2008): 962-70.\*

DOI: 10.1086/591708 (2008).

 <https://academic.oup.com/jid/article/198/7/962/2192118>

2020

Taubes, Gary. *Good Calories, Bad Calories.* Knopf, 2007.

Taylor, Desmond P., and James Tee. "Where Is Memory Information Stored in the Brain?" *Quantitative Biology – Neurons and Cognition* 10 Dec. 2021.\*

 <https://arxiv.org/abs/2112.05362>

 2021

Taylor, J. (Dpt. Of Zoology, British Museum). "Cenozoic." In *The Ecology of Fossils: An Illustrated Guide.* Ed. W. S. McKerrow. London: Duckworth, 1978. 323-51.\*

\_\_\_\_\_. "Present Day." In *The Ecology of Fossils: An Illustrated Guide.* Ed. W. S. McKerrow. London: Duckworth, 1978. 352-64.

Taylor, Michael E. "7. Biostratigraphy and Paleobiogeography." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 52-66.\*

Tax, Sol. *Evolution after Darwin.* Chicago, 1960.

Tecnología Oculta. "Generador de Energía Gratis DEMOSTRADO!⚡Respondemos vuestras preguntas." *Tecnología Oculta* 17 Jan. 2022.\*

<https://youtu.be/B3eHvkznwX4>

 2022

Tegmark, Max. *Our Mathematical Universe.*

\_\_\_\_\_. "The Future of Life: A Cosmic Perspective." Lecture at Singularity Summit 2011. Online at *YouTube-Singularity Summits* 24 Oct. 2011.\*

 <http://youtu.be/GctnYAYcMhI>

 2012

\_\_\_\_\_. "Are Parallel Universes Unscientific Nonsense? Insider Tips for Criticizing the Multiverse." *Scientific American* 4 Feb. 2014.\*

 <http://blogs.scientificamerican.com/guest-blog/2014/02/04/are-parallel-universes-unscientific-nonsense-insider-tips-for-criticizing-the-multiverse/?WT.mc_id=SA_sharetool_Twitter>

 2014

Tejeda, A., L. E. Valencia-Trevizo, C. Conde-Álvarez, and C. Gay-García. "Escenarios de temperaturas extremas, insolación y humedad atmosférica para México ante duplicación de CO2." In *Clima, sociedad y medio ambiente: V Congreso de la Asociación Española de Climatología.* Ed. J. M. Cuadrat Prats, et al. Zaragoza: Asociación Española de Climatología, 2006. 311-20.\*

Tella Cardalliaguet, José Angel. "El boro en las plantas, estudio analítico del método de la azometina H para la determinación de boro por espectrofotometría de absorción molecular uv-visible. Estudio comparativo de métodos de calcinación de materia vegetal." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 259-66.\*

Teller, William (US Hungarian-born physicist, d. 2003 at 95; "father" of the H-Bomb and of anti-missile devices, anticommunist advocate of the arms race).

Tello, Blanca, and Francisco López Bermúdez. *Guía física de España, 4: Los lagos.* Madrid: Alianza.

Tello y Muñoz, J. F., and Santiago Ramón y Cajal. *Elementos de Histología Normal y de Técnica Micrográfica.* Rev. 12th ed. Barcelona: Editorial Científico-Médica.

Templado, Joaquín. *Historia de las teorías evolucionistas.* Madrid: Alhambra, 1974.

Ten Cate, Carel (Max-Planck-Institute for Ornithology, Leiden, Germany) Verna R. Ohms, Caroline A. A. Van Hijningen and Arike Gill, and Gabriel J. L. Beckers. "Speaker-Independent Perception of Human Speech by Zebra Finches." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 467-68.\*

Ten Cate, Carel, Carolin A. A. Van Heijningen, Jos de Visser, and Willem Zuidema. "Simple Rules can Explain Discrimination of Putative Recursive Syntactic Structures by Songbirds: A Case Study on Zebra Finches." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 507-8.\*

Tenenbaun, J. B., and S. Niyogi. "Learning Caus­al Laws." *Proceedings of the Twenty-Fifth Annual Conference of the Cognitive Science Society.* 2003.

Tenenbaum, J. M., and H. G. Barrow. "Computational Approaches to Vision." In *Handbook of Perception and Human Performance 2: Cognitive Processes and Performance.* Ed. Kenneth R. Boff, Lloyd Kaufman and James P. Thomas. New York: Wiley, 1986.

Tenesa, A., G. Davies, A. Payton, J. Yang, S. E. Harris, D. Liewald and I. J. Deary. "Genome-wide association studies establish that human intelligence is highly heritable and polygenic." *Molecular Psychiatry* 16.10 (2011): 996–1005.

Tennant, John. Green Tea and Velociraptors. Blog

 <http://blogs.egu.eu/palaeoblog/>

 2014

Tero, Atsushi, et al. "Rules for Biologically Inspired Adaptive Network Design." *Science* 327 (22 Jan. 2010). (Blob).

Tee, James, and Desmond P. Taylor. "Where Is Memory Information Stored in the Brain?" *Quantitative Biology – Neurons and Cognition* 10 Dec. 2021.\*

 <https://arxiv.org/abs/2112.05362>

 2021

Terrasse, Jean-François. *Le gypaète barbu.* With Christophe Coton and Paul Géroudet. Paris: Delachaux et Niestlé, 2001.

\_\_\_\_\_. *El quebrantahuesos.* Trans. Manuel Pijoán. Adapt. Antoni Margalida. (Las sendas del naturalista). Barcelona: Ediciones Omega, 2004.\*

Terry, George S. *Duodecimal Arithmetic.* London: Longmans, c. 1939.

Tesla, Nikola. *Yo y la energía.* Trans. Cristina Núñez Pereira. Introd. Miguel A. Delgado. Turner/Noema.

 <http://www.alpoma.net/tecob/?p=5023>

 2011

Tesler, Larry (New York, 1945-2020, worked for Apple 1980-97).

Thackray, John, and Bob Press. *The Natural History Museum: Nature's Treasurehouse.* London: Natural History Museum. 2001.

Thanukos, A. "Views from Understanding Evolution: Parsimonious Explanations, Punctuated Patterns" *Evolution: Education and Outreach* 1 (2008):138–46.

 doi:10.1007/s12052-007-0025-4

Thase, Michael E. (U of Pittsburgh School of Medicine) and Susan S. Lang. *Beating the Blues: New Approaches to Overcoming Dysthimia and Chronic Mild Depression.* Oxford: Oxford UP, 2004.

Theobald, Douglas L. "A Formal Test of the Theory of Universal Common Ancestry." *Nature* 465 (May 2010).\* Online at *ResearchGate:*

 <http://www.researchgate.net/publication/44593277_A_formal_test_of_the_theory_of_universal_common_ancestry>

 2012

Thewissen, J. G. M., and M. Aria. "Fossil Evidence for the Origin of Aquatic Locomotion in Archaeocete Whales." *Science* 263 (1994): 210-12.

Thewissen, J. G. M., and S. A. Hasten. "Origin of Underwater Hearing in Whales." *Nature* 361 (1993): 444-45.

Thom, René (1923-2002, French mathematician, theorist of catastrophes) "Un protée de la sémantique: l'information." In *Modèles mathématiques de la morphogenèse.* Paris: UGE, 1974.

\_\_\_\_\_. *Stabilité structurale et morphogenèse: Essai d'une théorie générale des modèles.* Paris: W. A. Benjamin, 1972.

\_\_\_\_\_. *Structural Stability and Morphogenesis* Trans. D. H. Fowler. New York: Addison-Wesley, 1972.

\_\_\_\_\_. *Structural Stability and Morphogenesis.* Reading (MA): W. A. Benjamin, 1975.

Thomas, Gordon, and Max Morgan Witts. *The San Francisco Earthquake.* London: Souvenir, 1971.

Thomas, James, and Simon Kirby. "Self-domestication and the Evolution of Language." *Biology & Philosophy* 33 (2018): article 9.\*

 <https://link.springer.com/article/10.1007/s10539-018-9612-8>

 2020

Thomas, W. R. "The Unwilling Patient." *Journal of Medical Science* 99 (1953).

Thompson, D'Arcy Wentworth. *On Growth and Form.* Cambridge: Cambridge UP, 1917. 2nd ed. Cambridge: Cambridge UP, 1942.

\_\_\_\_\_. *Sobre el crecimiento y la forma.* Madrid: H. Blume, 1980.

Thompson, Dick. *Volcano Cowboys: The Rocky Evolution of a Dangerous Science.* New York: St. Martin's Press, 2000.

Thompson, E., and A. Noë, eds. *Vision and Mind: Selected Readings in the Philosophy of Perception.* Cambridge (MA): MIT Press, 2002.

Thompson, J. "Development of Facial Expression of Emotion in Blind and Seeing Children." *Archives of Psychology* 264.37 (1940): 1-47.

Thompson, P. "The Twilight of the Modern World: The Four Stages of the Post-oil Breakdown." 2006.

 <http://www.wolfatthedoor.org.uk>

Thompson, P. D. *El mundo de los virus.* Barcelona: Guadarrama.

Thomson, Charles Wyville. (1830-1882; Professor of Natural History at Edinburgh). *The Voyage of the Challenger.* Scientific memoir. 1877.

Thorne, Kip S. *Black Holes and Time Warps: Einstein's Outrageous Legacy.* London: Picador, 1994.

\_\_\_\_\_. *Agujeros negros y tiempo curvo.* Barcelona: Crítica, 1995.

Tilman, David, and Joel E. Cohen. "Biosphere 2 and Biodiversity: The Lessons So Far." *Science* 274 (1996): 1150-1.

Tinbergen, Niko. "The Bee-Hunters of Hulshorst." From *Curious Naturalists.* 1958. In *The Norton Reader.* 8th ed. New York: Norton, 1992. 585-97.

Tinbergen, N. *The Herring Gull's World.* New York: Lyons and Burford, 1960.

Tiner, Sarah. "The Science Behind the Test for the Covid-19 Virus." *Discovery's Edge* (Mayo Clinic) 27 March 2020.\*

 <https://discoverysedge.mayo.edu/2020/03/27/the-science-behind-the-test-for-the-covid-19-virus/>

 2020

Tipler, Frank J. "Extraterrestrial Intelligent Beings Do Not Exist." *Physics Today* (April 1981): 9, 70-71.

\_\_\_\_\_. "We Are Alone in Our Galaxy." *New Scientist* 96 (7 October 1982): 33-35.

\_\_\_\_\_. *The Physics of Immortality.* 1994.

\_\_\_\_\_. *La física de la inmortalidad.* (Alianza Universidad). Madrid: Alianza, 1996.

\_\_\_\_\_. *The Physics of Christianity.* Doubleday, 2007.

Tishkoff, Sarah, et al. "History of Click-speaking Populations of Africa Inferred from mtDNA and Y Chromosome Genetic Variation." *Molecular Biology and Evolution* 24.10 (2007): 2180-95.

Tittel, Ed., Mark Gaither, Sebastian Hassinger, and Mike Erwin. Fundamentos de programación con HTML & CGI. Madrid: Anaya, 1996.

Tiwari, Sandip. "Los humanos amaremos a las máquinas y ellas nos corresponderán." Interview. *El Mundo (Papel)* 22 Nov. 2019: 28-29.\*

 <http://prensa.unizar.es/noticias/1911/191122_z0_maquinas.pdf>

 2019

Tjio, J., and A. Levan. "The Chromosome Number of Man." *Hereditas* 42.1-2 (1956): 1-6.

Todd. *Cyclop. of Anat.* 1849-52. (Vols.)

Toharia, Manuel. *Historia mínima del Cosmos.* Madrid: Turner, 2015.

Toledo Pradel, Mª Jesús. "Relajación dieléctrica en halogenobencenos y halogenotoluenos (cloro y yodo) y entalpías de exceso de sus mezclas binarias con benceno o tolueno." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 251-8.\*

Tolman, Edward C. "Cognitive Maps in Rats and Men." *The Psychological Review* 55.4 (1948): 189-208.

\_\_\_\_\_. ""Cognitive Maps in Rats and Men." Online at *Classics in the History of Psychology.*

 <http://psychclassics.yorku.ca/Tolman/Maps/maps.htm>

 2015

Toman, Jan, and Jiri Felix. *Guía de campo.* Illust. Kvetoslav Hísek, Libuse Knotková, Jaromír Knotek, and Jiri Polák. Trans. José Luis Gil Aristu. Madrid: Susaeta, 2003.\*

Tomás, Marta, Guillermo Meléndez, and Alizia Núñez. *Actas de las XXXII Jornadas de la Sociedad Española de Paleontología.* 541 p. Sociedad Española de Paleontología, 2016.

Tombaugh. "The Struggles to Find the Ninth Planet." <http://www.nasa.gov>.

Tomeo Lacrué, M. *Biografía Científica de la Universidad de Zaragoza*. Zaragoza: U de Zaragoza, Facultad de Ciencias, 1962.

Tomlison, Ray. (Inventor of e-mail, Premio Príncipe de Asturias 2009, d. 2016).

Tondeur., P. *Introduction to Lie Groups and Transformation Groups.* (Lecture Notes in Mathematics, 7). Springer, 1967.

Tong, F., K. Nakayama, J. T. Vaughan, and N. Kanwisher. "Binocular Rivalry and Visual Awareness in Human Extrastriate Cortex." *Neuron* 21 (1998): 753– 59.

Toomey, David. *The New Time Travelers: A Journey to the Frontiers of Physics.* W. W. Norton, 2007.

Torcal Milla, Francisco José. (U de Zaragoza). "Dos agujeros negros hacia una colisión inminente que sacudirá la estructura del espacio-tiempo." *Diario Sur* 28 Sept. 2022.\*

 <https://www.diariosur.es/sociedad/agujeros-negros-colision-estructura-espacio-tiempo-20220928114901-nt.html>

 2022

Tormo, Antonio, Julián Perera, and José Luis García. *Ingeniería genética, Volumen 1: Preparación, análisis, manipulación y clonaje de DNA.* Madrid: Síntesis, 2002.

\_\_\_\_\_. *Ingeniería genética, Volume 2: Expresión de DNA en sistemas heterólogos.* Madrid: Síntesis, 2002.

Toro, Roberto, Camile Michèle Williams, Hugo Peyre, and Franck Ramus. "Sex Differences in the Brain Are not Reduced to Differences in Body Size." *Neuroscience & Biobehavioral Reviews* (11 Sept. 2021). Online at *Science Direct*.\*

 <https://www.sciencedirect.com/science/article/abs/pii/S0149763421003900>

 2021

Torra, Vicenç. *Del àbaco a la revolución digital: Algoritmos y computación.* (El mundo es matemático). Barcelona: RBA Coleccionables, 2010.\*

Torralba, José Manuel. (Chair of Materials, U Carlos III Madrid). "Tenemos la fórmula para crear supermateriales que rozan los principios de la magia: Las aleaciones de alta entropía." *The Conversation* 27 Sept. 2022.\*

 <https://theconversation.com/tenemos-la-formula-para-crear-supermateriales-que-rozan-los-principios-de-la-magia-las-aleaciones-de-alta-entropia-190988>

 2022

Torre, V., T. Poggio, and C. Koch. "Computational Vision and Regularization Theory." *Nature* 317 (1985): 314–19.

Torrecilla Daniel, Mª Isabel. "Desarrollo de la asignatura 'Termotecnia' de 3º Electrónicos en torno a un núcleo central. Utilización de metodología activa en clase y evaluación del alumnado mediante la realización de un proyecto." In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

\_\_\_\_\_. "Innovación docente e investigación didáctica ¿Caminan de la mano?" In *Innovación docente, tecnologías de la información y la Comunicación e Investigación Educativa en la Universidad de Zaragoza.* Ed. Antonio Herrera et al. Booklet/CD-ROM. Universidad de Zaragoza, 2007.\*

Torti, Valeria, Viviana Sorrentino, Cristina Giacoma and Marco Gamba (all Dpt. of Animal and Human Biology, U of Turin, Via Accademia Albertina 13, 10123 Torino). "Acoustic Potential for Reference-Like Communication in Wild Indris." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 505-6.\*

Tortora, Gerard J., and Sandra Reynolds Grabowski. *Principles of Anatomy and Physiology.* London: Wiley, 1999.

\_\_\_\_\_. *Anatomía y fisiología.* Madrid: Elsevier, 1996.

Toukhsati, Samia R., and Colin G. Scanes, eds. *Animals and Human Society.* Academic Press, 2018.

Towe, Kenneth M. "5. Fossil Preservation." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 36-41.\*

Towne, W., and J. L. Gould. "Evolution of the Dance Language." *The American Naturalist* 130.3 (1987).

Toynbee, J. *The Diseases of the Ear.* 1860.

Tranel, D., A. Bechera, H. Damasio and A. Damasio. "Deciding Advantageously before Knowing the Advantageous Strategy." *Science* 275 (1997): 1293-94.

Trappl, R., ed. *Cybernetics and Systems' 90.* Singapore: World Scientific, 1990.

Trefil, James. *The Unexpected Vista: A Physicist's View of Nature.* New York: Scribner's, 1983.

\_\_\_\_\_. *Meditations at Sunset: A Scientist Looks at the Sky.* New York: Scribner's 1987.

\_\_\_\_\_. *Meditations at 10,000 Feet: A Scientist in the Mountains.* New York: Scribner's, 1987.

\_\_\_\_\_. *101 Things You Don't Know About Science and No One Else Does Either.* London: Cassell Illustrated, 1997.

\_\_\_\_\_. *Are We Unique? A Scientist Explores the Unparallelled Intelligence of the Human Mind.* Chichester: Wiley, 1997.

Trefil, James, and Rombert M. Hazen. *Science Matters: Achieving Scientific Literacy.* New York: Doubleday, 1991.

\_\_\_\_\_. *Temas científicos.* Barcelona: RBA, 1994.

Trevathan, Wenda R., and Karen R. Rosenberg. "La evolución del parto humano." In *Evolución humana.* (Temas, 44). *Investigación y Ciencia- Edición española de Scientific American,* 2nd tr. 2006. 82-87.\*

Tristán, Rosa. (Madrid, 1962; Journalist, Premio Nacional de Periodismo al Desarrollo Sostenible 2012). *Laboratorio para Sapiens.* Blog.\*

 <https://rosamtristan.com/>

 2013, 2017

Tristán, Rosa M., and Eudald Carbonell. *Atapuerca: 40 años inmersos en el pasado.* Prologues by Juan Luis Arsuaga ("Atapuerca haciendo historia) and José María Bermúdez de Castro ("La vida en un instante). Barcelona: RBA Libros-National Geographic, 2017.\*

Trivers, Robert L*.* "The Evolution of Reciprocal Altruism." *Quarterly Review of Biology* 46 (1971): 35-57.

 <http://dx.doi.org/10.1086/406755>

 2013

\_\_\_\_\_. "Parental Investment and Sexual Selection." In *Sexual Selection and the Descent of Man.* Ed. B. Campbell. Chicago: Aldine, 1972.

Trueman, A. E. "On the Use of *Gryphaea* in the Correlation of the Lower Lias." *Geological Magazine* 59 (1922): 256-68.

Trujillo, Chadwick A., and Scott S. Sheppard. "A Sedna-like Body with a Perihelion of 80 Astronomical Units." Nature 507 (27 March 2014).

Tsakiris, M. "My Body in the Brain: A Neurocognitive Model of Body-Ownership." *Neuropsychologia* 48.3 (2010): 703 -12.

Tsakiris, M., A. Fotopoulou, P. M. Jenkinson, P. Haggard, A. Rudd, and M. D. Kopelman. "Mirror-view Reverses Somatoparaphrenia: Dissociation between First- and Third-person Perspectives on Body Ownership." *Neuropsychologia* 49 (2011): 3946–55.

Tsiolkovsky, Konstantin. (1857-1935; Russian pioneer of space exploration).

Tudela, Pío. "Neurociencia cognitiva de la atención." Video lecture. (Universidad Complutense, Ciclo de conferencias sobre Neurociencia Cognitiva, 15 Dec. 2011). *YouTube (Instituto Tomás Pascual Sanz)* 7 Oct. 2016.\* (Brain, sociality).

<https://youtu.be/1t4QGsZjQ2I>

 2021

Tudge, Colin. *The Time Before History: Five Million Years of Human Impact.* New York: Touchstone / Simon & Schuster, 1996.

\_\_\_\_\_. *The Variety of Life: A Survey and Celebration of All the Creatures That Have Ever Lived.* Oxford: Oxford UP, 2002.

\_\_\_\_\_. *La variedad de la vida: Exploración y celebración de todas las criaturas que han vivido en la Tierra.* Barcelona: Crítica, 2001.

\_\_\_\_\_. *The Link: Uncovering Our Earliest Ancestor.*

[http://www.amazon.com/Link-Uncovering-Our-Earliest-Ancestor/dp/0316070084/ref=pe\_12351920\_txt\_6/](http://www.amazon.com/Link-Uncovering-Our-Earliest-Ancestor/dp/0316070084/ref%3Dpe_12351920_txt_6/)

2009

Tuke, D. Hack. "Folie à Deux." *Brain: A Journal of Neurology* (Jan. 1888): 408-21.

Turbón, Daniel. (Chair, U de Barcelona). "El origen del hombre (Universidad de Navarra)." Video lecture. (Ciencia y Técnica en Perspectiva Cristiana). *YouTube (Universidad de Navarra)* 16 Sept. 2010.\*

 <https://youtu.be/FzEcyRwKOJk>

 2015

\_\_\_\_\_. "La diversidad genética humana hace 100.000 años." Lecture at the University of Navarre 29 May 2013 (Seminario del Grupo de Investigación Ciencia, Razón y Fe). *YouTube (Universidad de Navarra)* August 2015.\*

 <https://youtu.be/-2_uYjrmvIY>

 2015

\_\_\_\_\_. "El hombre antes del hombre." Video. *YouTube (Universidad de Navarra)* 16 Aug. 2013.\*

<https://youtu.be/txnsZXMq7Yk>

2021

Turiel, Antonio. (CSIC). *The Oil Crash.* Blog.\*

 <http://crashoil.blogspot.com.es/2013>

 2017

Turner, Alan. *Larousse de los Mamíferos Prehistóricos.* Illust. Mauricio Antón. Barcelona: Spes Editorial, 2004.

Turner, Michael S., and Adam G. Riess. "Cuando la aceleración cambió de signo." In *Origen y evolución del Universo.* (Temas, 72). *Investigación y Ciencia- Edición española de Scientific American,* 2nd tr. 2013. 32-37.\*

Turner, W. (Prof.; Edinburgh). (On muscular fasciculi). *Proc. Royal Soc. Edinburgh* (1866-67): 65.

\_\_\_\_\_. (On human muscular variability). *Transact. Royal Soc. Edinburgh* 24.

Turok, Neil. (South African physicist, t. Cambridge U, then head of the Perimeter Institute of Theoretical Physics, Ontario, Canada). "What Caused the Big Bang?" *YouTube - tvochannel* 15 July 2010.\*

 <http://youtu.be/M9iJMWJdyw8>

 2011

\_\_\_\_\_. "From zero to infinity, and beyond!" Video. Lecture at McMaster U. *YouTube (McMasterUTV)* 19 oct. 2012.\*

 <https://youtu.be/URYOkgbr604>

 2019

\_\_\_\_\_. *The Universe Within: From Quantum to Cosmos.* House of Anansi Press, 2013.

\_\_\_\_\_. "The Astonishing Simplicity of Everything." Video lecture. *YouTube (Perimeter Institute for Theoretical Physics)* 8 Oct. 2015.\*

 <https://youtu.be/f1x9lgX8GaE>

 2017

Turok, Neil, and Paul J. Steinhardt. *Endless Universe: Beyond the Big Bang.* Doubleday, 2007.

**Tveritan, W., R. Jurmain, H. Nelson, and L. Kilgore.** Introduction to Physical Anthropology. New York: Wadsworth Publishing, 2000.

Tweney, Ryan D. "Faraday's Notebooks: The Active Organization of Creative Science." *Physics Education* 26 (1991).

Twyman, R. M., and S. B. Primrose. *Principles of Gene Manipulation and Genomics.* 7th ed. Malden (MA): Blackwell, 2006.

Tyson, Edward. (1650-1708; st. Magdalene Hall, MA 1673, MD Cambridge, Corpus Christi, 1678, Fellow of the college of Physicians 1683, d. 1708 at 58, caricatured as Carus in Garth's *Dispensary*).

\_\_\_\_\_. [*Orang-Outang, sive Homo Sylvestris: or, the Anatomy of a Pygmie Compared with that of a Monkey, an Ape, and a Man*](http://bibliodyssey.blogspot.com/2006/07/anatomy-of-pygmie.html)*. To which is added, A PHILOLOGICAL ESSAY Concerning the Pygmies, the Cynocephali, the Satyrs, and Sphinges of the ANCIENTS. Wherein it will appear that they are all either APES or MONKEYS, and not MEN, as formerly pretended.* By EDWARD TTSON M.D. Fellow of the Colledge of Physicians, and the Royal Society: Physician to the Hospital of Bethlem, and Reader of Anatomy at Chirurgeons-Hall. London: Printed for Thomas Bennet at the Half-Moon in St. Paul's Church-yard; and Daniel Brown at the Black Swan and Bible without Temple-Bar and are to be had of Mr. Hunt at the Repository in Gresham-Colledge. M DC XCIX.

\_\_\_\_\_. *A Philological Essay Concerning the Pygmies of tbe Ancients. 1699. Now Edited, with an Introduction Treating of Pygmy Races and Fairy Tales*. Ed. and introd. Bertram C. A. Windle. (Mason College, Birmingham). London: David Nutt, 1894.\*

\_\_\_\_\_. *A Philological Essay Concerning the Pygmies of tbe Ancients. 1699. Now Edited, with an Introduction Treating of Pygmy Races and Fairy Tales*. Ed. and introd. Bertram C. A. Windle. In *Internet Archive*

 <http://www.archive.org/details/philologicalessa00tysouoft>

 2009

\_\_\_\_\_. *A Philological Essay Concerning the Pygmies of tbe Ancients. 1699. Now Edited, with an Introduction Treating of Pygmy Races and Fairy Tales*. Ed. and introd. Bertram C. A. Windle. Ed. Bertram C. A. Windle. London: David Nutt, 1895. PDF:

 <http://ia350640.us.archive.org/1/items/philologicalessa00tysouoft/philologicalessa00tysouoft_bw.pdf>

 2009

Tyson, Neil DeGrasse. *Death by Black Hole: And Other Cosmic Quandaries.* W. W. Norton, 2007.

\_\_\_\_\_. *Cosmos* (2014). TV series.

\_\_\_\_\_. *Cosmos, una odisea del espacio-tiempo, 1: En medio de la vía láctea.* Spanish audio. *Ivoox (Documentales sonoros)*18 March 2014.\*

 <http://www.ivoox.com/cosmos-odisea-espacio-tiempo-2014-1-en-audios-mp3_rf_2932425_1.html>

 2014

\_\_\_\_\_. Cosmos: Una odisea en el espacio-tiempo. 2014. Spanish audio at iVoox (August 2014).\* (Full series, 9 h.).

 <http://www.ivoox.com/cosmos-odisea-espacio-tiempo-2014-serie-audios-mp3_rf_3372671_1.html>

 2014

Tyson, Neil deGrasse, and Richard Dawkins. "Neil de Grasse Tyson and Richard Dawkins Lecture." (On the Poetry of Science). *YouTube (The Atheist)* 20 Feb. 2013.\*

 <http://youtu.be/9beGa3B43Js>

 2015

Tyson, Neil deGrasse, and D. Goldsmith. *Origins.* New York: Norton, 2005.