from

A Bibliography of Literary Theory, Criticism and Philology

<http://bit.ly/abibliog>

by José Ángel García Landa

(University of Zaragoza, Spain)

**Scientists (O-P)**

O'Brien, C. J., and H. M. McHenry. "Comment on H. T. Bunn and E. M. Kroll, 'Systematic Butchery by Plio/Pleistocene Hominids at Olduvai Gorge, Tanzania'." *Current Anthropology* 27 (1986): 431-53.

O'Brien, Daniel Tumminelli, and David Sloan Wilson (Binghampton U). "Community Perception: The Ability to Assess the Safety of Unfamiliar Neighbourhoods and Respond Adaptively." *Journal of Personality and Social Psychology* 100.4 (2011): 606-620.

O'Bryan, Tom. *La Curación Autoinmune.* Sirio, c. 2024.

O'Connell, J. F., K. Hawkes, K., N. G. Blurton Jones, et al. "Grandmothering, Menopause and the Evolution of Human Life Histories." PNAS **95** (1998): 1336-39.

O’Connell, J. F., K. Hawkes and N. G. Blurton Jones. "Grandmothering and the Evolution of Homo erectus." *Journal of Human Evolution* 36 (1999): 461-485.

O'Flynn, Robert, Denis Audo, Tadashi Kawai, Julien Devillez and Diying Huang. "Crayfishes from the Jehol Biota." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Ed. S. Zamora et al.Zaragoza: Sociedad Española de Paleontología, 2022. 32-33.\*

O'Gorman, J. P., S. Santillana, 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

O'Hara, Robert J. (Fitchburg, MA). "Diagrammatic Classification of Birds, 1819-1901: Views of the Natural System in 19th-century British Ornithology." In *Acta XIX Congressus Internationalis Ornithologici.* Ed. H. Ouellet. Ottawa: National Museum of Natural Science, 1988.

\_\_\_\_\_. "Homage to Clio, or, toward an historical philosophy for evolutionary biology." *Systematic Zoology* 37 (1988): 142-55.

\_\_\_\_\_. "Problems in the Narrative Representation of Evolutionary History." *American Zoologist* 28.4 (1988): 144A. Available at SSRN: [https://ssrn.com/abstract=2558092](https://ssrn.com/abstract%3D2558092)

 2019

\_\_\_\_\_. "Representations of the Natural System in the Nineteenth Century." *Biology and Philosophy* 6 (1991): 255-74.

\_\_\_\_\_. "Telling the Tree: Narrative Representation and the Study of Evolutionary History." *Biology and Philosophy* 7 (1992): 135-60.

\_\_\_\_\_. "Systematic Generalization, Historical Fate, and the Species Problem." *Systematic Biology* 42 (1993): 231-46.

\_\_\_\_\_."Mapping the Space of Time: Temporal Representation in the Historical Sciences." In *New Perspectives on the History of Life: Systematic* *Biology as Historical Narrative.* Ed. M. T. Ghiselin and G. Pinna. (Memoirs of the California Academy of Sciences, 20). 1996. 7-17. Online at *Social Science Research Network* 5 Feb. 2015.\*

 <http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2559427>

 2015

O'Keefe, John, and Lynn Nadel. *The Hippocampus as a Cognitive Map.* Oxford: Oxford UP, 1978.

\_\_\_\_\_. *The Hippocampus as a Cognitive Map.* Online ed.

 <http://www.cognitivemap.net/>

 2015

O'Shea, Mark, and Tim Halliday. *Reptiles and Amphibians.* Ed. advisor Tim Avery. London: Dorling Kindersley, 2001.

\_\_\_\_\_. *Reptiles y anfibios.*  Ed. adviser Roger Avery. Trans. Manuel Pijoan. (Manuales de Identificación). Barcelona: Ediciones Omega, 2001.\*

O'Sullivan, John. "WHO Finally Admits PCR Test Has 'A Problem'." *Principia Scientific* 17 Dec. 2020.\*

 <https://principia-scientific.com/who-finally-admits-covid19-pcr-test-has-a-problem/>

 2020

Oberth, Hermann. (1894-1989; aerospatial engineer; b. Transylvania, pioneer of space exploration).

Ocabo Meléndez, Blanca. "Contribución al estudio de los Mallophaga (Insecta: Phtiraptera) parásitos de las aves silvestres españolas." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 525-34.\*

Ochoa, Severo. (Spanish scientist, microbiologist, Nobel prize for Medicine). Prologue to *Reglas y consejos sobre investigación científica.* By Santiago Ramón y Cajal. In Ramón y Cajal, *Reglas y consejos sobre investigación científica. El hombre natural y el hombre artificial.* (Grandes pensadores españoles). Barcelona: Planeta DeAgostini, 2010. 11-233.\*

Ocken, Lorenz. (1779-1851; anatomist).

Odling-Smee, F. J., Laland, K. N., Feldman, M. *Niche construction.* Princeton, NJ: Princeton UP, 2003.

Odum, H. T. *Systems Ecology.* 1983.

\_\_\_\_\_. *Ecological and General Systems: An Introduction to Systems Ecology, Revised Edition.* University Press of Colorado, 1994.

\_\_\_\_\_. "Self-Organization and Maximum Empower." *Maximum Power: The Ideas and Applications of H. T. Odum.* Ed. C. A. S. Hall. Colorado: UP of Colorado, 1995.

Odum, H. T., and R. C. Pinkerton. "Time's Speed Regulator: The Optimum Efficiency for Maximum Output in Physical and Biological Systems." *American Scientist* 43 (1955): 331–343.

Odum, H. T., and J. E. Arding. "Energy Analysis of Shrimp Mariculture in Ecuador." U of Rhode Island Coastal Resources Centre, 1991.

Officer, Charles, and Jake Page. *Tales of the Earth: Paroxysms and Perturbations of the Blue Planet.* New York: Oxford UP, 1993.

Ogle, W. (On human sense of smell). *Medico-Chrirurgical Transactions* 53 (London, 1870): 276.

Ohms, Verna R. (Behavioural Biology, Institute of Biology Leiden, IBL, Leiden U, Sylvius Laboratory, Sylviusweg 72, Leiden, 2333BE, The Netherlands; v.r.ohms@biology.leidenuiv.nl), Caroline A. A. Van Hijningen, Arike Gill, Gabriel J. L. Beckers, and Carle Ten Cate. "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.\*

Ohno, Susumu. *Evolution by Gene Duplication.* New York: Springer, 1970.

Oji, Tatsuo, Yusuke Ando, Yusuke, Kiichiro Hachiya, Yoshiaki Mizuno, Takahisa Makiguchi, Masatoshi Yamaoka, and Tsuneki Hayashi. "New Information on *Megaceradocus* (Amphipoda) from the Lower Miocene Morozaki Group, Central Japan, with notes of *Callianopsis* (Decapoda) *in situ* in Burrows." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Ed. S. Zamora et al.Zaragoza: Sociedad Española de Paleontología, 2022. 27-28.\*

Okanoya, Kazuo. (Laboratory for Biolinguistics, RIKEN Brain Science Institute, Saitama 351-0198; Japan; okanoya@brain.riken.jp). *The Bengalese Finch: A Window on the Behavioral Neurobiology of Birdsong Syntax.* (Annals of the New York Academy of Sciences 1016:724735). New York: New York Academy of Sciences, 2004.

Okanoya, Kazuo, Hajime Yamauchi, and T. W. Deacon. "Cultural Evolution of Bird Song and Genetic Degradation of Learning Bias." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 523-24.\*

Okanoya, Kazuo, and Hajime Yamauchi. "Optimality and Teleomatic Causes in the Faculty of Language." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 525-26.\*

Okanoya, Kazuo, Kazutoshi Sasahara, Miki Takahasi, Kenta Suzuki, and Olga Feher. "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.\*

Okanoya, Kazuo, Hiroko Kagawa, Hiroko Yamada, Ruey-Singh Lin, Toshizaku Hasegawa and Kazuo Okanoya. "Relaxation of Selection Can Lead to Signal Variation: An Example in Birdsong." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 425-26.\*

Oken, Lorenz. *Lehrbuch der Naturphilosophie.* 1809-11.

\_\_\_\_\_. *Elements of Physiophilosophy.* Trans. A. Tulk. London: Ray Society.

Olby, Robert. *The Path to the Double Helix.* London: Macmillan, 1974.

Oldstone, Michael B. A. *Viruses, Plagues and History.* New York: Oxford UP, 1998.

Olendzenski, Lorraine, and Lynn Margulis, eds. *Evolución ambiental.* (Alianza Universidad). Madrid: Alianza, 1996.

Olesen, Julie (U of Colorado Health Sciences Center), David H. Jonassen and Daniel R. Ambruso. "Designing a Hypertext on Transfusion Medicine Using Cognitive Flexibility Theory." *Journal of Educational Multimedia and Hypermedia* 1 (1992): 309-22.\*

Oliva, M., J. A. López-Bustins, M. Barriendos, C. Muedra and J. Martín-Vide. "Reconstrucción histórica de la oscilación del Mediterráneo Occidental (WEMO) e inundaciones en el Levante Peninsular (1500-2000)." 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. 241-50.\*

Olive, Jenny. *Maths: A Student's Survival Guide.* Cambridge: Cambridge UP, 1998.

Oliver, J. H., Jr. "A Mite Parasitic in the Coccoons of Earthworms." *Journal of Parasitology* 48 (1962): 120-23.

Oliver, William A., Jr., and Anthony G. Coates. "11. Phylum Cnidaria." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 140-93.\*

Olivier, Bert. "Human Extinction? It's Not Just Science Fiction." *Thought Leader* 30 June 2014.\*

 <http://www.thoughtleader.co.za/bertolivier/2014/06/30/human-extinction-its-not-just-science-fiction/>

 2014

Olza, Ibone. *Parir: El poder del parto.* Ediciones B, c. 2017.

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

Omnés, R. "Consistent Interpretations of Quantum Mechanics." *Review of Modern Physics* 64 (1992): 339-82.

Oosterzee, Penny van, and Mike Morwood. *A New Human: The Startling Discovery and Strange history of the "Hobbits" of Flores, Indonesia.* (Smithsonian Books).

Oparin, Aleksandr I. (Russian biochemist, postulated chemical origin of life). (A. I. Oparin). *Teoría evolutiva del origen de la vida.* Trans. Manuel Gisbert, rev. Margarita Durán. Barcelona: Plaza & Janés, 1979.\*

Opie, Christopher, Susanne Shultz 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

Ord, Toby. *The Precipice.* 2020. (Extinction, pandemic, global crisis).

Orgel, Leslie E., and F. H. C. Crick. "Selfish DNA: The Ultimate Parasite." *Nature* 284 (1980): 604-7.

Orians, G. H. "On the Evolution of Mating Systems in Birds and Mammals." *American Naturalist* 103 (1969): 589-603.

Orme, Michael, and Susanna Grahame-Jones. *Medicine: The Self-Help Guide.* Penguin.

Ornstein, L. "A Biologist Looks at the Numbers." *Physics Today* (March 1982): 27-31.

Oró, Juan. "La evolución química y el origen de la vida en la Tierra." Lecture at *Fundación Juan March* (1975). Online audio:

 <http://www.march.es/conferencias/anteriores/voz.aspx?id=633>

 2012

Oro, Luis. "El impacto humano en el medio ambiente." Lecture at *Fundación Juan March* 2 Feb. 2017. Online audio.\* <http://www.march.es/conferencias/anteriores/voz.aspx?p1=100929&l=1>

 2017

\_\_\_\_\_. "El impacto humano en el medio ambiente." Video. (Nuestra vida es química). Lecture at Fundación Juan March. *YouTube (Fundación Juan March)* 8 May 2017.\*

 <https://youtu.be/9aDi6_MmCqw>

 2017

Ortega, M. T., J. L. Labajo, A. L. Labajo, Q. Martín, A. Piorno, and C. Morales. "Análisis del comportamiento reciente de las frecuencias de los valores extremos de temperatura en la zona Madrid-Castilla La Mancha." 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. 157-66.\*

Ortega, M. T., C. G. Morales, J. L. Labajo, A. L. Labajo, A. Piorno and Q. Martín. "Tendencias recientes de las frecuencias de los valores extremos de temperatura en la región de Castilla y León." 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. 251-60.\*

Ortega, Sagrario. (1959-; Spanish geneticist, CNIO).

Ortega Prieto, Ana María (U de Málaga), and José Manuel Jiménez Guardeño. "El inexistente caso del fenómeno ADE en las vacunas anti-Covid-19." *Estrategia de Vacunación Covid-19* 15 July 2021.\*

 <https://www.vacunacovid.gob.es/voces-expertas/el-inexistente-caso-del-fenomeno-ade-en-las-vacunas-anti-covid-19>

 2021

\_\_\_\_\_. "¿Cuáles son los virus más peligrosos en la historia de la humanidad?" *The Conversation* 11 June 2023.\*

 <https://theconversation.com/cuales-son-los-virus-mas-peligrosos-en-la-historia-de-la-humanidad-202989>

 2023

Ortega-Hernández, J., J. Luque, H.-D. Bracken-Grissom, D. E. G. Briggs, K. M. Jenkins, J. Lindgren, A. R. Palmer, M. L. Porter and J. M. Wolfe. "The Evolution of Compound Eyes across Extant and Fossil Crabs." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 21-23.\*

Ortiga Castillo, Manuel. "Estudio geológico petrológico del área de Bielsa Gistaín (Huesca)." In *Resúmenes de Tesinas: Curso 83-84.* Zaragoza: Universidad de Zaragoza, Secretariado de Publicaciones, 1986. 175-86.\*

Ortín, A., L. M. Ferrer, J. J. Ramos, J. Pastor, A. Loste, M. de las Heras, J. A. García de Jalón, L. Figueras and D. Lacasta. "Adaptación de las prácticas de Patología Médica de los animales de granja al Espacio Europeo de Educación Superior." 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.\*

Ortiz, Nieves. (U de Zaragoza). "Extinción masiva de los microforaminíferos bentónicos batiales y abisales en el límite Paleoceno/Eoceno." In *Extinción y registro fósil / Extinction and the Fossil Record.* Ed. Eustoquio Molina. Zaragoza: Seminario Interdisciplinar de la Universidad de Zaragoza, 1994. 201-18.\*

Ortiz, Silvia. "11. Foraminíferos bentónicos: Allogomiina y Textulariina." In *Micropaleontología.* Ed. Eustoquio Molina. 2nd ed. Zaragoza: Prensas Universitarias de Zaragoza, 2004. 249-72.\*

Ortiz, Silvia, Eustoquio Molina, Laia Alegret, Ignacio Arenillas, José Antonio Arz. "Cronoestratigrafía: Los límites del tiempo." *Heraldo de Aragón (Tercer Milenio)* 3 Feb. 2009; online 5 Oct. 2018.\*

 <https://www.heraldo.es/noticias/suplementos/tercer-milenio/milenioteca/2018/10/05/cronoestratigrafia-los-limites-del-tiempo-1270133-2121032.html>

 2018

Ortiz-Beviá, M. J., W. Cabos, F J. Álvarez-García, and I. Pérez-González. "Modos de ENSO en el modelo acoplado HDCM3 en condiciones de cambio climático." 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. 65-74.\*

Ortiz, M. J., I. Pérez, F. Álvarez, and W. Cabos. "Teleconexiones con el Hemisferio Sur de tipos de ENSO en simulaciones de modelos acoplados del IPCC." 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. 273-82.\*

Ortner, D. J., ed. *How Humans Adapt: A Biocultural Odyssey.* Washington (DC): Smithsonian Institution Press, 1983.

Ortoli, Sven, and Jean-Pierre PHarabod. *Le Cantique des quantiques.* Paris: Le Livre de Poche.

Osborn, Henry Fairfield. "Three New Theropoda, *Protoceratops* Zone, Central Mongolia." *Novitates American Museum of Natural History* 144 (1924): 1-12.

Osbourne, Barbara A., Richard A. Goldsby, and Thomas J. Kindt. *Kuby immunology.* New York: W.H. Freeman, cop. 2000

Osgood, Richard G., Jr. "21. Trace Fossils." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 663-74.\*

Osman, Ikram Omar, et al. "Whole Genome Sequencing of SARS-CoV-2 Strains in Covid-19 Patients from Djibouti Shows Novel Mutations and Clades Replacing Over Time." *Frontiers in Medicine* (Lausanne) 1 Sept. 2021.\*

 DOI: [10.3389/fmed.2021.737602](https://doi.org/10.3389/fmed.2021.737602)

 Online at *PubMed.\**

 <https://pubmed.ncbi.nlm.nih.gov/34540874/>

 2021

Ossó, Àlex (aosso@tinet.cat), Fernando A. Ferratges, Javier Luque, José L. Domínguez, Marcos Aurell and Samuel Zamora. "The Origin of Dairoidid Crabs (Decapoda, Barchyura, Parthenopoidea)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Ed. S. Zamora et al.Zaragoza: Sociedad Española de Paleontología, 2022. 47-48.\*

Ossó, Àlex, Josep Manel Méndez, Bernat Vila, Albert Sellés and Rodrigo Gaeta. "Brachyuran (Decapoda) Remains Associated to Dinosaurs in Fluvial Deposits of the Tremp Group (Catalonia)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 72-74.\*

Ossó, Àlex, Álvaro Arasa and Quim Pastó. "First Report of the Freshwater Crab *Potamon* (Decapoda: Brachyura: Potamidae) in the Pliocene of the Iberian Peninsula." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 75-78.\*

Ossó, Àlex, Barry W. M. van Bakel, Pedro Artal and Josep Anton Moreno-Bedmar. "'The Vineyard Crabs', the Aptian Decapod Assemblage of Cal Cassanyes (Garraf Massif, Alt Penedès, Catalonia, NE Iberian Peninsula)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 79-81.\*

Ossó, Àlex, Barry W. M. van Bakel, Pedro Artal and Josep Anton Moreno-Bedmar. "'The Vineyard Crabs', the Aptian Decapod Assemblage of Cal Cassanyes (Garraf Massif, Alt Penedès, Catalonia, NE Iberian Peninsula)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 79-81.\*

Ossó, Àlex, Pere Abelló and Guillermo Díaz Medina. "An Early Tourist: When *Cancer pagurus* Visited Andalusia. First Record in the Mediterranean Pliocene." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 82-85.\*

Ossó, Álex, Barry W. M. van Bakel, Martin I. Simpson, John W. M. Jagt and René H. B. Fraaije. "Palaeoenvironment and Faunal Composition of Early to Late Aptian Brachyuran Faunules from the Isle of Wight, UK." In In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 91-92.\* (Crustaceans, Cretaceous).

Oster, George F., and Edward O. Wilson. *Caste and Ecology in the Social Insects.* 1978.

Oster, Gerald. "Sonidos musculares: Al contraerse, los músculos emiten sonidos de baja frecuencia que el oído no percibe." *Investigación y ciencia* 92 (May 1984): 74-83.\*

Oster, Matthew D., et al. "Myocarditis Cases Reported after mRNA-Based Covid-19 Vaccination in the US from December 2020 to August 2021." *JAMA* 327.4 (2022): 331-40.

 Doi: 10.1001/jama.2021.24110

 <https://jamanetwork.com/journals/jama/fullarticle/2788346>

 2022

Ostrom, E. *Crafting Institutions for Self-Governing Irrigation Systems.* San Francisco: Institute for Contemporary Studies, 1992.

Ostrom, E., and A. R. Poteet. "Fifteen Years of Empirical Research on Collective Action in Natural Resource Management: Struggling to Build Large-N Databases Based on Qualitative Research." *World Development* 36 (2007): 176-95.

Ostrom, E., D. S. Wilson, and M. Cox, "Generalizing the Core Design Principles for the Efficacy of Groups." *Journal of Economic Behavior and Organization* (forthcoming 2013).

 <http://dx.doi.org/10.1016/j.jebo.2012.12.010>.

 2013

Otero, R., J. P. O'Gorman, S. Santillana, 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

Otte, Daniel, and John A. Endler, eds. *Speciation and Its Consequences.* Sunderland (MA), 1989.

Otten, C. M. "Genetic Effects on Male and Female Development and on the Sex Ratio." In *Male-Female Differences: A Bio-Cultural Perspective.* Ed. R. L. Hall, P. Draper, M. E. Hamilton, D. McGuinness, C. M. Otten, and E. A. Roth. New York: Praeger, 1985.

Otten, C. M., R. L. Hall, P. Draper, M. E. Hamilton, D. McGuinness, and A. Roth, eds. *Male-Female Differences: A Bio-Cultural Perspective.* New York: Praeger, 1985.

Otto, Sarah P., and Linnea Sandell. "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

Oudekerk, Barbara K. (Ph.D., Bureau of Justice statistician) and Rachel E. Morgan. "Criminal Victimization, 2018." (NCJ 243043). *Bureau of Justice Statistics Bulletin* (Sept. 2019)*.\**

 <https://www.bjs.gov/content/pub/pdf/cv18.pdf>

 2020

Oullette, Jennifer, Paul Davies, Tim Maudlin, David Eagleman and Raissa D'Souza. "Setting Time Aright: Understanding How Time Works, from Cosmology to Cognition." Panel discussion at the Fundamental Questions Institute, Tycho Brahe Planetarium, Copenhagen, 30 Aug. 2011. *YouTube (FQXi)* 24 Sept. 2011.\*

 <https://youtu.be/5ok2ejw8d8c>

 2015

Ouweneel, W. J. "Developmental Genetics of Homoeosis." *Advances in Genetics* 18 (1976): 179-248.

Owen Gethings, Dorothee, et al. "Deaths by Vaccination Status, England." *Office for National Statistics* 25 Aug. 2023.\*

 <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/deathsbyvaccinationstatusengland>

 2023

Ozima, Minoru. *The Earth: Its Birth and Growth.* Cambridge: Cambridge UP, 1981.

Pääbo, Svante. (Director, Max Planck Institute for Evolutionary Anthropology; Premio Princesa de Asturias 2018). *Neanderthal Man: In Search of Lost Genomes.* Basic Books, 2014.

\_\_\_\_\_. "A Neanderthal Perpective on Human Origins." *YouTube (University of California Television)* 10 Oct. 2014.\*

 <http://youtu.be/8flcCtIkTUc>

 2014

\_\_\_\_\_. "Archaic genomics" - 42e conférence Marc Bloch avec le prix Nobel de médicine 2022 Svante Pääbo. Video. *YouTube (EHESS)* 27 Nov. 2023.\*

<https://youtu.be/5FEATRtl2mM>

 2023

\_\_\_\_\_, et al. Florio, Marta, Takashi Namba, Svante Pääbo, Michael Hiller and Wieland B. Huttner. "A Single Splice Mutation in Human-Specific ARHGAP11B Causes Basal Progenitor Amplification." *Science Advances* 7 Dec. 2016.\*

 <http://advances.sciencemag.org/content/2/12/e1601941>

 2016

Pachauri, Rajendra (Nobel laureate, Chair of IPCC). "EnergyFuture2010: Closing Keynote." Lecture at the 5th Yale Climate and Energy Institute Conference, Yale U, 2014. *YouTube (Yale University)* 22 May 2014.\*

 <http://youtu.be/_mHebo4miH8>

 2014

Pacheco, S., V. Carracedo, J. C. García-Codrón, and D. Rasilla. "Temperaturas máximas estivales en Cantabria: Comportamiento espacial y mecanismos responsables." 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. 87-98.\*

Pacheco, S., A. Allende, V. Carracedo, J. C. García-Codrón, and D. Rasilla. "Relieve y rachas excepcionales de viento en el macizo de tres mares (Cantabria)." 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. 489-98.\*

Padian, Kevin. (1951; Professor of integrative biology, curator in the Museum of Paleontology, U of California, Berkeley). "Darwin's Views on Classification." From "Charles Darwin's Views of Classification in Theory and Practice." *Systematic Biology* 48 (1999): 352-64. In *Darwin: Texts. Commentary.* Ed. Philip Appleman. 3rd ed. New York: Norton, 2001. 356-61.\*

Padian, Kevin, and Luis M. Chiappe. [Cladistics in Action: The Origin of Birds and Their Flight]. From "The Origin of Birds and Their Flight." *Scientific American* (Feb. 1998): 28-37. In *Darwin: Texts. Commentary.* Ed. Philip Appleman. 3rd ed. New York: Norton, 2001. 363-73.\*

Padian, Kevin, and Philip J. Currie, eds. *Encyclopedia of Dinosaurs.* San Diego: Academic Press, 1997.

Page, Jake, and Charles Officer. *Tales of the Earth: Paroxysms and Perturbations of the Blue Planet.* New York: Oxford UP, 1993.

Page, Kathleeen A., and Robert S. Sherwin. "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

Pais, A. "Einstein and the Quantum Theory." *Reviews of Modern Physics* 51 (1979): 863–914.

Pakinson, J. *Organic Remains of a Former World, Examination of the Mineralized Remains of the Vegetables and Animals of the Antediluvian World Generally Termed Extraneous Fossils.* London: Sherwood, Neely and Jones, 1811.

Palais, Bob. (Utah). "Pi is wrong!" *The Mathematical Intelligencer* 23.3 (2001): 7-8. Online at *University of Utah.\**

 <http://www.math.utah.edu/~palais/pi.html>

 2007, 2021

Palma, J. J., J. Fleta, Ll. Godé, J. Ll. Gomà, A. Gracia, J. Gracia, J. Martínez, J. Marturià, M. Pardo, A. de Paz, I. Sánchez 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.\*

Palma, J. J., N. Gasulla, and M. Pardo. "Valores cuantitativos del riesgo de incendio y adaptación del modelo canadiense." 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. 755-60.\*

Palmer, A. R., J. Luque, H.-D. Bracken-Grissom, D. E. G. Briggs, K. M. Jenkins, J. Lindgren, J. Ortega-Hernández, M. L. Porter and J. M. Wolfe. "The Evolution of Compound Eyes across Extant and Fossil Crabs." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 21-23.\*

Palmer, R. S. *Handbook of North American Birds.* Vol. 4. New Haven: Yale UP, 1988.

Palmer, S. E. *Vision Science: Photons to Phenomenology.* Cambridge (MA): MIT Press, 1999.

Pàmies, Josep. "El coronavirus es un timo y el comunismo y el capitalismo no existen." In *Sin Censura ToYou: Opiniones prohibidas en rr.ss. y mass media rescatadas para la Historia,* *volumen 1.* Chile: Imbuc Ediciones, 2021. 253-55.\*

\_\_\_\_\_. "La comida que pisamos." In *Sin Censura ToYou: Opiniones prohibidas en rr.ss. y mass media rescatadas para la Historia,* *volumen 1.* Chile: Imbuc Ediciones, 2021. 255.\*

\_\_\_\_\_. "Documental 'Sin Miedo': Dulce revolución." In *Sin Censura ToYou: Opiniones prohibidas en rr.ss. y mass media rescatadas para la Historia,* *volumen 1.* Chile: Imbuc Ediciones, 2021. 256.\*

Panger, Md., J. Mercader, and C. Boesch, "Excavation of a Chimpanzee Stone Tool Site in the African Rainforest." *Science* 296 (2002): 1452-55.

Panum, P. L. (psychophysicist, mid-19th c.). *Physiologische Untersuchungen über das Sehen mit zwei Augen.* Kiel: Schwers, 1858.

Papy, L., and P. Gourou. *Compendio de Geografía General.* (Manuales Universitarios). Madrid: RIALP.

Pardo, G., L. García-Amorena, E. Molina, J. J. Gómez, I. Alons, R. Valenzuela, and A. Cervera. *Aspectos didácticos de Ciencias Naturales (Geología)*. (I.C.E. Educación Abierta. 73). Zaragoza: ICE Universidad de Zaragoza, 1987.

Pardos, Fernando, ed. *La teoría de la evolución de las especies.* By Charles Darwin and Alfred Russel Wallace. Trans. Joan Lluís Riera. (Clásicos de la Ciencia y la Tecnología). Barcelona: Crítica / Fundación Iberdrola, 2006. 2nd. ed. 2009.\*

Pardo, M., J. Fleta, Ll. Godé, J. Ll. Gomà, A. Gracia, J. Gracia, J. Martínez, J. Marturià, J. J. Palma, A. de Paz, I. Sánchez 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.\*

Pardo, M., N. Gasulla, and J. J. Palma. "Valores cuantitativos del riesgo de incendio y adaptación del modelo canadiense." 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. 755-60.\*

Parés, Josep M. "Atapuerca y las primeras expansiones de homínidos." Video. (Lecture at U de Vigo, 23 April 2015). *YouTube (uvigo)* 26 May 2015.\*

 <https://youtu.be/TmecPQvtwdE>

 2016

Parker, Dianna. "The Great Pacific Garbage Patch." *National Ocean Service*

 <http://oceanservice.noaa.gov/podcast/june14/mw126-garbagepatch.html>

 2015

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

Parker, Ronald B. *Inscrutable Earth: Explorations in the Science of Earth.* New York: Scribner's, 1984.

Parker, S. T, and K. R. Gibson. *Comparative Developmental Psychology of Language and Intelligence in Primates.* Cambridge: Cambridge UP, 1990.

\_\_\_\_\_, eds. *Language and Intelligence in Monkeys and Apes.* Cambridge UP, 1990.

Parker, Steve. *Mammal.* (Eyewitness Encyclopedia, 12). London: Dorling Kindersely, 1989.

\_\_\_\_\_. *Los mamíferos.* (Biblioteca Visual Altea). Madrid: Santillana-Altea, 1989.\*

\_\_\_\_\_. *The Complete Book of Dinosaurs.* Quintet Publishing, 2003.

\_\_\_\_\_. *El libro completo de los dinosaurios: 500 especies de los tiempos prehistóricos.* Trans. Manuel Pijoan Rotge. Barcelona: Blume, 2007.\*

\_\_\_\_\_. *La evolución humana.* Consulting ed. Michael Day. Spain: Edilupa, 2006.\* (Orig. Pub. Quarto Publishing-Quantum Books).

Parker, Steve, and John Malam. *Enciclopedia de los Dinosaurios y otras criaturas prehistóricas.* Trans. Andrés Martínez. Barcelona: Parragon, 2004.\* (Orig. ed. UK: Parragon, 2002).

Parkington, John. (Palaeoanthropologist, U of Cape Town). "Homo sapiens : l'espèce orpheline (6) - Jean-Jacques Hublin (2016-2017) - Symptoms of Modernity: Behavioral Innovations in the South African Middle Stone Age." Lecture, 18 Oct. 2016. (*Sciences de la Vie – Collège de France)* 12 Sept. 2022.\*

<https://youtu.be/Duo-xxDT55M>

 2022

Parkinson, James. (Conspirator against George III and founding member of the Geological Society). *Revolution without Bloodshed.* Pamphlet.

\_\_\_\_\_. *Organic Remains of a Former World, Examination of the Mineralized Remains of the Vegetables and Animals of the Antediluvian World Generally Termed Extraneous Fossils.* London: Sherwood, Neely and Jones, 1811. many eds

Parsons, P. A. *The Genetic Analysis of Behaviour.* London, 1967.

Partridge, D., and Y. Wilks, eds. *The Foundations of Artificial Intelligence.* Cambridge UP, 1990.

Parunak, H. Van Dyke. "Toward Industrial-Strenght Hypermedia." In *Hypertext/Hypermedia Handbook.* Ed. E. Berk and J. Devlin. New York: McGraw-Hill, 1991. 381-89.

Pascua, J., and J. Salat. "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.\*

Pascual Sans, Pedro (a.k.a. "Pere Pascual i de Sans", Chair of Physics, U de Barcelona; grad. U de Zaragoza; d. 2006 in obscure circumstances.).

Pasternak, Jack J., and Bernard R. Glick. *Molecular Biotechnology: Principles and Applications of Recombinant DNA.* 3rd ed. Washington: ASM Press, 2003.

Pasteur, Louis. "Attenuation of the Virus of Chicken Cholera." *Chemical News* 43 (1881): 179-80.

\_\_\_\_\_. *Antología.* Trans. Guillermo Díaz Doín, María José Báguena and Eugenio Portela. Ed. María José Báguena. Barcelona: Círculo de Lectores, 1996.\*

\_\_\_\_\_. *Ecrits scientifiques et médicaux.* (GF 825). Paris: Garnier-Flammarion.

Pastó, Quim, Àlex Ossó, and Álvaro Arasa. "First Report of the Freshwater Crab *Potamon* (Decapoda: Brachyura: Potamidae) in the Pliocene of the Iberian Peninsula." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 75-78.\*

Pastor, J., L. M. Ferrer, J. J. Ramos, A. Loste, A. Ortín, M. de las Heras, J. A. García de Jalón, L. Figueras and D. Lacasta. "Adaptación de las prácticas de Patología Médica de los animales de granja al Espacio Europeo de Educación Superior." 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.\*

Patel, Anjira, and Rupali Gandhi, Rupali. "What if Two Covid-19 Victims Need Ventilators and Just One Is Available?" *Scientific American (Observations)* 16 March 2020.\*

 <https://blogs.scientificamerican.com/observations/what-if-two-covid-19-victims-need-ventilators-and-just-one-is-available/>

 2020

Paterson, H. E. H. "The Recognition Concept of Species*.*" In *Species and Speciation.* Ed. E. S. Vrba. (Transvaal Museum Monographs, 4). 1985. 21–29.

Patone, Martina, et al. "Risk of Myocarditis, Pericarditis, and Cardial Arrythmias Associated with COVID-19 Vaccination or SARS-CoV-2 Infection." *Nature Medicine* (2021).\*

 <https://www.nature.com/articles/s41591-021-01630-0>

 2021

Patone, Martina, et al. "Risk of Myocarditis After Sequential Doses of Covid-19 Vaccine and SARS-CoV-2 Infection by Age and Sex." *Circulation* 146 (2022): 743-54.\*

 <https://doi.org/10.1161/CIRCULATIONAHA.122.059970>

 <https://www.ahajournals.org/doi/10.1161/CIRCULATIONAHA.122.059970>

 2022

Patou-Mathis, Marylène. (Préhistoire, CNRS). Rev. of *Forbidden Archaeology.* By Michael Cremo. *L'Anthropologie* 99.1 (1995): 159.

\_\_\_\_\_. "Qui étaient les néanderthaliens?" Video lecture. *YouTube (Musée de l'Homme)* 23 July 2016.\*

 <https://youtu.be/6vALSsQ8r6c>

 2020

\_\_\_\_\_. "Les Néandertaliens ont-ils disparu ? (2/2)." Video lecture. *YouTube (Musée de l'Homme)* 23 July 2016.\*

 <https://youtu.be/VbJ1RwsY59o>

 2020

Patou-Mathis, Marylène, and Pascal Depaepe. "Néandertal, hier et aujourd'hui." Video lecture. *YouTube (Musée de l'Homme)* 8 Aug. 2018.\*

 <https://youtu.be/5J4XN28NFk4>

 2020

Patten, W. *The Evolution of Vertebrates and Their Kin.* Philadelphia: P. Blakiston's Son, 1912.

\_\_\_\_\_. *The Grand Strategy of Evolution.* Boston: Gorham Press, 1920.

Patterson, F., and E. Linden. *The Education of Koko.* Holt, Rinehart & Winston, 1981.

Patterson, John W. "Thermodynamics and Evolution." In *Scientists Confront Creationism.* Ed. L. R. Godfrey. New York: W. W. Norton, 1983. 99-116.

Paulos, John Allen.. *Mathematics and Humour.* Chicago: Chicago UP, 1980.

\_\_\_\_\_. *Irreligion: A Mathematician Explains Why the Arguments for God Just Don't Add Up*. Hill and Wang, 2007.

Pauli, Wolfgang. (Physicist, theorist of the exclusion principle, 1925).

Pauls, J., N. K. Logothetis, and and T. Poggio. "Shape Representation in Inferior Temporal Cortex of Monkeys." *Current Biology* 5 (1995): 552-63.

Pávlov, Iván Petrovich. *Reflejos condicionados e inhibiciones.* Ediciones de Bolsillo.

\_\_\_\_\_. "Psicología y psicopatología experimental en los animales." In Pávlov, *Los reflejos condicionados.* Barcelona: Círculo de Lectores, 1995. 529-45.\*

\_\_\_\_\_. *Los reflejos condicionados: Lecciones sobre la función de los grandes hemisferios.* Introd. José María López Piñero. Barcelona: Círculo de Lectores, 1995.\*

Paz, A. de, J: Fleta, Ll. Godé, J. Ll. Gomà, A. Gracia, J. Gracia, J. Martínez, J. Marturià, J. J. Palma, M. Pardo, I. Sánchez 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.\*

Pavlovitch, Yuri. "Los astronautas no tienen claustrofobia." 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. 450-54.\*

Pawlowski, Marcel, and Pavel Kroupa. "Galaxias enanas y materia oscura." In *Origen y evolución del Universo.* (Temas, 72). *Investigación y Ciencia- Edición española de Scientific American,* 2nd tr. 2013. 72-81.\*

Payton, A., G. Davies, A. Tenesa, 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.

Pea, Roy D., Daniel C. Edelson and Louis M. Gomez. "The Collaboratory Notebook." *Communications of the ACM* 39.1 (1996).

Pearce, E., C. Stringer, and R. Dunbar. "**New Insights into Differences in Brain Organization between Neanderthals and Anatomically Modern Humans**." Proc Biol Sci 28.1758 (2013). doi:10.1098/rspb.2013.0168

Pearl, Judea. (Israeli-American computer scientist and philosopher, researcher in artificial intelligence and Bayesian networks, causality and inference; Alan Turing Award 2011; Rumelhart Prize (Cognitive Science Society), Benjamin Franklin Medal (Franklin Institute), Lakatos Award (London School of Economics), founder and president of Daniel Pearl Foundation).

\_\_\_\_\_. "Keynote: Judea Pearl - The New Science of Cause and Effect." Video lecture. *YouTube (PyData)* 29 Nov. 2018.\* (Data, Counterfactuals, Fiction, Causality, Calculation, Models, Reality, Science).

<https://youtu.be/ZaPV1OSEpHw>

 2022

Pearl, Judea, and Dana Mackenzie. *The Book of Why: The New Science of Cause and Effect.* USA: Basic Books, 2018; UK: Allen Lane, 2018.

\_\_\_\_\_. *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019.\*

\_\_\_\_\_. "Introduction: Mind over Data." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 1-22.\*

\_\_\_\_\_. "1. The Ladder of Causation." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 23-52.\*

\_\_\_\_\_. "2. From Buccaneers to Guinea Pigs: The Genesis of Causal Inference." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 53-92.\*

\_\_\_\_\_. "3. From Evidence to Causes: Reverend Bayes Meets Mr. Holmes." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 93-134.\*

\_\_\_\_\_. "4. Confounding and Deconfounding: Or, Slaying the Lurking Variable." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 135-66.\*

\_\_\_\_\_. "5. The Smoked-Filled Debate: Clearing the Air." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 167-88.\*

\_\_\_\_\_. "6. Paradoxes Galore!" In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 189-218.\*

\_\_\_\_\_. "7. Beyond Adjustment: The Conquest of Mount Intervention." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 219-58.\*

\_\_\_\_\_. "8. Counterfactuals: Mining Worlds that Could Have Been." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 259-98.\*

\_\_\_\_\_. "9. Mediation: The Search for a Mechanism." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 299-348.\*

\_\_\_\_\_. "10. Big Data, Artificial Intelligence, and the Big Questions." In Pearl and Mackenzie, *The Book of Why: The New Science of Cause and Effect.* 2018. London: Penguin, 2019. 349-70.\*

Pearle, P. "Combining Stochastic Dynamical State-Vector Reduction with Spontaneous Localisation." *Physics Review* A39 (1989): 2277-89.

Peccarisi, C., R. Boeri and A. Salmaggi. "Eugenio Tanzi (1856-1934) and the beginnings of European Neurology." *Journal of the History of Neuroscience* 3.3 (1994): 177-85.\*

 DOI: [10.1080/09647049409525607](https://doi.org/10.1080/09647049409525607)

 <https://pubmed.ncbi.nlm.nih.gov/11618819/>

 2022

Peck, J. R., and M. W. Feldman. "Kin Selection and the Evolution of Monogamy." *Science* 240 (1988): 1672-74.

Pedersen, Mikkel W., et al. "Postglacial viability and Colonization in North America's Ice-Free Corridor." *Nature* 10 Aug. 2016.\*

 doi:10.1038/nature19085

 <http://www.nature.com/nature/journal/vaop/ncurrent/full/nature19085.html>

 2016

Pedrocchi Renault, César, ed. *Ecología de Los Monegros: La paciencia como estrategia de supervivencia.* Huesca: Instituto de Estudios Altoaragoneses (Diputación de Huesca) / Grañén: Centro de Desarrollo de Monegros, 1998.\*

Peebles, Curtis. *Asteroids: A History.* Washington: Smithsonian Institution Press, 2000.

Peel, John S., John Pojeta, Jr., Bruce Runnegar, and Gordon Mackenzie. "14. Phyllum Mollusca." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 270-435.\* (Polyplacophora, Monoplacophora, Gastropoda, Cephalopoda, Rostroconchia, Scaphopoda, Pelecypoda).

Peigneux P, Orban P, Balteau E, Degueldre C, Luxen A, Laureys S, Maquet P. 2006. "Offline persistence of memory-related cerebral activity during active wakefulness." *PLoS Biol* 4: e100.

Peinado Lorca, Miguel, and José Miguel Sanz Anquela (both U de Alcalá). "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

Pejenaute, J. M. "Las nieblas y el tráfico aéreo en el aeropuerto de Pamplona." 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. 817-26.\*

Pellicer Corellano, F., J. L. Peña Monne and M. J. Ibáñez Marcellán. "Estudio geomorfológico del yacimiento de Burrén y Burrena (Depresión del Ebro): Génesis del relieve y evolución holocena." In *Estudios en Homenaje al Dr. Antonio Beltrán Martínez.* Zaragoza: Facultad de Filosofía y Letras, Universidad de Zaragoza, 1986. 33-45.\*

Peltonen, Leena. "All Out for Chromosome Six." *Nature* 378 (1995): 675-6. (Schizophrenia).

Peña Monne, J. L., F. Pelliceer Corellano and M. J. Ibáñez Marcellán. "Estudio geomorfológico del yacimiento de Burrén y Burrena (Depresión del Ebro): Génesis del relieve y evolución holocena." In *Estudios en Homenaje al Dr. Antonio Beltrán Martínez.* Zaragoza: Facultad de Filosofía y Letras, Universidad de Zaragoza, 1986. 33-45.\*

Peña-Rabadán, J. C., C. García-Sellén, P. Esteban, G. Martí, and M. Prohom. "Análisis de la temperatura en alta montaña: Reciente descenso térmico invernal en el Pirineo Oriental y su relación con la circulación atmosférica. Resultados preliminares." 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. 261-72.\*

Peña-Rabadán, J. C., and A. Gázquez-Picón. "Ensayo metodológico de un contraste de homogeneidad para series cronológicas de fenómenos hidrometeorológicos extremos." 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. 383-90.\*

Pence, G. E. *Who's Afraid of Human Cloning* Lanham: Rowman & Littlefield, 1998.

Penna, Anthony. *The Human Footprint: A Global Environmental History.* Wiley-Blackwell, 2010

\_\_\_\_\_. Interview on *The Human Footprint,* by Marshall Poe. *New Book in History* 18 July 2011.\*

 <http://newbooksinhistory.com/2011/07/18/anthony-penna-the-human-footprint-a-global-environmental-history-wiley-blackwell-2010/>

 2014

Pennock, Robert. *Tower of Babel: The Evidence against the New Creationism.* Cambridge, 1999.

Penzias, Arno Allan, and R. W. Wilson. (Nobel Prize for Physics). "Isotropy of Cosmic Background Radiation at 4080 Megahertz." *Science* 156 (3778) (1967): 1100–1101.

doi:10.1126/science.156.3778.1100.

Perales, Luis. *Evolución humana y terapia Vojta.* 2016.\*

 <https://terapiavojtayevolucion.wordpress.com/2016/12/28/mi-abuela-maria-la-dimension-del-tiempo-en-la-evolucion-y-la-terapia-vojta/>

 2016

Perera, Julián, Antonio Tormo, 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.

Peretó, Juan, and Carlos Briones. "El origen del coronavirus, sin bulos y a la luz de la evolución." *ABC* 23 April 2020.\* (Does not even name Montagnier).

 <https://www.abc.es/ciencia/abci-origen-coronavirus-sin-bulos-y-evolucion-202004222036_noticia.html>

 2020

Pérez, I., F. Álvarez, W. Cabos and M. J. Ortiz. "Teleconexiones con el Hemisferio Sur de tipos de ENSO en simulaciones de modelos acoplados del IPCC." 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. 273-82.\*

Pérez Asensio, Esther, Isabel del Bosque González, Carlos Fernández Freire, and Lourdes Martín-Forero Morente. *De los sistemas de información geográfica y la Investigación en Ciencias Humanas y Sociales.* (Apuntes de Ciencias Instrumentales y Técnicas de Investigación, 3). Madrid: CECEL-CSIC, 2012.\*

Pérez Castejón, Mª del Carmen, Jesús Fernando Escanero Marcén, María Soledad Soria Aznar, José Luis Nieto Amada, and Ana Isabel Cisneros Gimeno. "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.\*

Pérez Díaz, Julio, and José Antonio Herce. "¿Cae la natalidad porque vivimos vidas más largas? El problema demográfico." Video debate. *YouTube (Fundación Juan March)* 4 May 2017.\*

 <https://youtu.be/eoXs9EYf6x8>

 2017

Pérez-Cueva, A., J. Creus, and M. A. Saz. "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.\*

Pérez-González, I., W. Cabos, F J. Álvarez-García, and M. J. Ortiz-Beviá. "Modos de ENSO en el modelo acoplado HDCM3 en condiciones de cambio climático." 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. 65-74.\*

Pérez-Pueyo, Manuel (U de Zaragoza), Fernando Ari Ferratges, Carmen Núñez-Lahuerta, Julia Galán, Eduardo Puértolas-Pascual, Beatriz Bádenas and José Ignacio Canudo. "An Unusual Combination of Decapod Crustacean Fingers from the Latemost Maastrichtian Of the Southern Pyrenees (NE Spain)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 86-88.\*

Perkins, H. F. "Note on the Occurrence of *Cassiopea xamachana* and *Polycionia frondosa* at the Tortugas." *Papers from the Tortugas Laboratories* 1 (1908): 150-55.

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

 <http://youtu.be/cC7bBUVS0l0>

 2014

Perper, T. *Sex Signals: The Biology of Love.* Philadelphia: ISI Press, 1985.

Perrier. *Colonies animales.*

Perrin, Jean-Baptiste. *Les Atomes.* 1913. Paris: PUF, 1970.

Perrin, Jean. *Évolution.* 1941.

Perry, Philip. "Scientists Accidentally Discover a Self-Destruct Button for the Whole Universe." *Big Think* 1 Nov. 2016.\*

 <http://bigthink.com/philip-perry/physicists-accidently-discover-a-self-destruct-button-for-the-entire-universe>

 2016

Peterson, B., M. M. Merzenich, K. A. Grajski, W. M. Jenkins, and G. H. Recanzone. "Functional Cortical Plasticity: Cortical Network Origins of Representations Changes." *Cold Spring Harbor Symposium on Quantitative Biology*  55 (1991): 873-887.

Peterson, Ivars. "Petacrunchers: Setting a Course towards Ultrafast Supercomputing." *Science News* 147 (1995): 232-5.

Petley, David (David Petley, Wison professor, Dpt. of geography, Durham U), *Dave's Landslide Blog.*

 <http://daveslandslideblog.blogspot.com>

 2008

Petrunkevitch, Alexander. "The Spider and the Wasp." *Scientific American* (Aug. 1952). In *The Norton Reader.* 8th ed. New York: Norton, 1992. 387-91.\*

Petry, M. C., and M. M. Bradley. "Organizational Determinants of Subjective Contour: The Subjective Necker Cube." *American Journal of Psychology* 90 (1977): 253-62.

Peyre, Hugo, Camile Michèle Williams, Roberto Toro 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

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

Pichon, C. L., S. Doyen, O. Klein, and A. Cleeremans. "Behavioral Priming: It’s All in the Mind, but Whose Mind?" PLoS ONE, 7, (2012): e29081.

Pietsch, Ted W. "Dimorphism, Parasitism, and Sex: Reproductive Strategies among Deep Sea Ceratioid Anglerfishes." *Capeia* 4 (1976): 781-93.

Pijoan Rotgé, Manuel. (Barcelona, 1948, grad. chemical science, U of Barcelona). *Animales en peligro.* 1992.

\_\_\_\_\_, coed. *Alfalfa.* Journal. 1974-1983.

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

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

Pike, A. W. G., et al. " U-Series Dating of Paleolithic Art in 11 Caves in Spain ." Science 336.6087(15 June 2012): 1409-13.

 DOI: 10.1126/science.1219957

 <http://www.sciencemag.org/content/336/6087/1409>

 2012

Pijoan, Manuel, and Albert Masó. *Observar mariposas.* Barcelona: Planeta, 1997.\*

Pilbeam, David. "Origen de hominoideos y homínidos: De los monos del Viejo Mundo se separaron los antropoides y, de éstos, los hombres." *Investigación y ciencia* 92 (May 1984): 48-61.\*

\_\_\_\_\_. "Patterns of Hominid Evolution." In *Ancestors: The Hard Evidence*. Ed. E. Delson. New York: Alan R. Liss, 1985.

Pilbeam, D., M. Landau, and A. Richard. "Human Origins a Century After Darwin." *BioScience* 32 (1982): 507-12.

Pilkington, Marc. "Blockchain Technology: Principles and Applications." (September 18, 2015). From *Research Handbook on Digital Transformations.* Ed. F. Xavier Olleros and Majlinda Zhegu. Edward Elgar, 2016. Available at SSRN: [https://ssrn.com/abstract=2662660](https://ssrn.com/abstract%3D2662660)

 2021

Pimentel, D., and M. Pimentel. *Food, Energy, and Society.* Niwot: UP of Colorado, 1996.

Pimentel, M., and D. Pimentel. *Food, Energy, and Society.* Niwot: UP of Colorado, 1996.

Pinkerton, R. C., and H. T. Odum. "Time's Speed Regulator: The Optimum Efficiency for Maximum Output in Physical and Biological Systems." *American Scientist* 43 (1955): 331–343.

Pinilla, Vicente, and Fernando Collantes. *¿Lugares que no importan? La despoblación de la España rural desde 1900 hasta el presente.* (Monografías de Historia Rural, 15). SEHA: Sociedad Española de Historia Agraria, 2020.

Pino González, David. "La mascarilla obligatoria en educación primaria no frenó el coronavirus de manera significativa." *The Conversation* 1 April 2022.\*

 <https://theconversation.com/la-mascarilla-obligatoria-en-educacion-primaria-no-freno-el-coronavirus-de-manera-significativa-178968>

 2022

Piorno, A., J. L. Labajo, A. L. Labajo, Q. Martín, C. Morales and M. T. Ortega. "Análisis del comportamiento reciente de las frecuencias de los valores extremos de temperatura en la zona Madrid-Castilla La Mancha." 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. 157-66.\*

Piorno, A., M. T. Ortega, C. G. Morales, J. L. Labajo, A. L. Labajo, and Q. Martín. "Tendencias recientes de las frecuencias de los valores extremos de temperatura en la región de Castilla y León." 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. 251-60.\*

Pisano, Gianpaolo, Fanco Giovannini, and Riccardo Benzi Cipelli. "Dark-Field Microscopic Analysis on the Blood of 1,006 Symptomatic Persons After Anti-Covid mRNA Injections from Pfizer-BioNtech or Moderna." *International Journal of Vaccine Theory, Practice, and Research* 2.2 (12 Aug. 2022): 385-444. Online at *Extramuros* 18 Sept. 2022.\*

 <https://extramurosrevista.com/estudio-revisado-por-pares-y-publicado-demuestra-empaquetamiento-y-apilamiento-visibles-de-los-globulos-rojos-junto-a-la-formacion-de-gigantescas-estructuras-extranas-conglomeradas-algunas-de-las/>

 2023

\_\_\_\_\_. "Estudio revisado por pares y publicado demuestra “empaquetamiento y apilamiento visibles de los glóbulos rojos, junto a la formación de gigantescas estructuras extrañas conglomeradas, algunas de las cuales aparecen como superestructuras de la familia del grafeno” en la sangre del 94% de casos de una muestra de 1006 vacunados con ARNm." *Extramuros* 18 Sept. 2022.\*

 <https://extramurosrevista.com/estudio-revisado-por-pares-y-publicado-demuestra-empaquetamiento-y-apilamiento-visibles-de-los-globulos-rojos-junto-a-la-formacion-de-gigantescas-estructuras-extranas-conglomeradas-algunas-de-las/>

 2022

Pita, M. F., M. Aguilar, and E. Sánchez-Rodríguez. "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.\*

Pita Compostizo, Raquel. "Nanopartículas para terapia génica." TFG Facultad de Farmacia, U Complutense.

Place, U. T. "Is Consciousness a Brain Process?" *British Journal of Psychology* 45 (1956): 243–55.

Planck, Max. (1858-1947; Physicist, theorist of quantum mechantics in 1900). *El coneixement del món físic.* Barcelona: Edicions 62, 1969.

Plante, Jessica A., Vineet D. Menachery, Boyd L. Yount, Jr., Kari Debbink, Sudhakar Agnihothram, Lisa E. Gralinski, Rachel L. Graham, Trevor Scobey, 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

Plato, Jan von. *Creating Modern Probability: Its Mathematics, Physics and Philosophy in Historical Perspective.* Cambridge: Cambridge UP, 1999.

Platt, M., and P. Glimcher. "Representation of Prior Probability and Movement Metrics by Area LIP Neurons." *Society of Neuroscience Abstract* (1997).

Plavcan, J. Michael, et al., eds. *Reconstructing Behavior in the Primate Fossil Record.* (Advances in Primatology. Series eds. John G. Fleagle and R. D. E. MacPhee).

Playfair. *Illustrations of the Huttonian Theory of Earth.*

Plomin, Robert, et al. *Behavioral Genetics.* 3rd ed. New York: W. H. Freeman, 1997.

Plomin, Robert, J. C. Defries and G. E. McClearn. *Genética de la conducta.* Trans. L. Pezzi. Madrid: Alianza, 1984.

Plooji, F. X. "Tool-Use during Chimpanzee's Bushpig Hunt." *Carnivore* 1 (1978): 103-6.

Plummer, Charles C., and David McGeary. *Physical Geology.* London: McGraw-Hill Education, 1997.

Poblete, Emilia, and Patricio Villarroel. "La experiencia de dos médicos con el dióxido de cloro." In *Sin Censura ToYou: Opiniones prohibidas en rr.ss. y mass media rescatadas para la Historia,* *volumen 1.* Chile: Imbuc Ediciones, 2021. 194-201.\*

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

Poggio, T., N. K. Logothetis, and J. Pauls. "Shape Representation in Inferior Temporal Cortex of Monkeys." *Current Biology* 5 (1995): 552-63.

Poggio, T., and D. Marr. "A Computational Theory of Human Stereo Vision." *Proceedings of the Royal Society of London* B 204 (1979): 301–28.

Poinar, Hendrik. "Resurrecting the Woolly Mammoth." *YouTube (The Agenda with Steve Paikin)* 15 July 2015.\*

 <https://youtu.be/pVkCxMM1K5I>

 2015

Pojeta, John, Jr. "Phylum Hyolitha." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 436-44.\*

Pojeta, John, Jr., Bruce Runnegar, John S. Peel, and Gordon Mackenzie. "14. Phyllum Mollusca." In *Fossil Invertebrates.* Ed. Richard S. Boardman et al. Cambridge (MA): Blackwell, 1987. 270-435.\* (Polyplacophora, Monoplacophora, Gastropoda, Cephalopoda, Rostroconchia, Scaphopoda, Pelecypoda).

Polack, Fernando P., et al. "Safety and Efficacy of the BNT162b2 mRNA Covid-19 Vaccine." *New England Journal of Medicine* 383.27 (31 Dec. 2020): 2603-2615.\*

  DOI: [10.1056/NEJMoa2034577](https://doi.org/10.1056/nejmoa2034577)

 Online at *PubMed.\**

 <https://pubmed.ncbi.nlm.nih.gov/33301246/>

 2024

Policanksy, D. "Sex Choice and the Size Advantage Model in Jack-in-the Pulpit (*Arisaema triphyllum)." Proceedings of the National Academy of Sciences* 78 (1981): 1306-8.

Polis, G. A., and R. D. Farley. "Behavior and Ecology of Mating in the Cannibalistic Scorpion, *Paruroctonus mesaensis* Stahnke (Scorpionida: Vaejovidae)." *Journal of Arachnology* 7 (1979): 33-46.

Pollack, Robert. *Signs of Life: The Language and Meanings of DNA.* London: Penguin Books, 1995.

Pollán, Marina, et al. "Prevalence of SARS Cov-2 in Spain: A Nationwide, Population-based Seroepidemiological Study." *The Lancet* 6 July 2020.\*

 DOI:[https://doi.org/10.1016/S0140-6736(20)31483-5](https://doi.org/10.1016/S0140-6736%2820%2931483-5)

 [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)31483-5/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2820%2931483-5/fulltext)

 2020

Pollan, Michael. *The Omnivore's Dilemma: A Natural History of Four Meals*. The Penguin Press, 2006.

[http://www.amazon.com/Omnivores-Dilemma-Natural-History-Meals/dp/0143038583/ref=pe\_12240120\_txt\_6/](http://www.amazon.com/Omnivores-Dilemma-Natural-History-Meals/dp/0143038583/ref%3Dpe_12240120_txt_6/)

Pollick, Amy S., and Frans B. M. de Waal. "Ape Gestures and Language Evolution." *PNAS* 104.19 (8 May 2007): 8184-89.\*

 <https://doi.org/10.1073/pnas.0702624104>

 <https://www.pnas.org/doi/10.1073/pnas.0702624104>

 2022

Pontoppidan, Klaus. (On gold and the golden space telescope). *Twitter (Klaus Pontoppidan)* 7 Jan. 2022*.\**

 <https://twitter.com/pontoppi/status/1479296133507817474>

 2021

Pool, Robert E. *Eve's Rib: The Biological Roots of Sex Differences.* New York: Crown, 1994.

Poole, A. F. *Ospreys: A Natural and Unnatural History.* Cambridge: Cambridge UP, 1989.

Porter, M. L., J. Luque, H.-D. Bracken-Grissom, D. E. G. Briggs, K. M. Jenkins, J. Lindgren, J. Ortega-Hernández, A. R. Palmer, and J. M. Wolfe. "The Evolution of Compound Eyes across Extant and Fossil Crabs." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 21-23.\*

Portera-Sánchez, Alberto. (Professor Emeritus of Neurology, U Complutense de Madrid). "Who Was Cajal?" 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. 253-57.\*

Porto, Yolanda, Felipe Criado-Boado, Diego Alonso-Pablos, Manuel J. Blanco, Anxo Rodríguez-Paz, Elena Cabrejas, Elena del Barrio-Álvarez, and Luis M. Martínez. **"Coevolution of Visual Behaviour, the Material World and Social Complexity, Depicted by the Eye-tracking of Archaeological Objects in Humans."** *Nature (* Scientific Reports) (2019).\*

 DOI:

 [www.nature.com/articles/s41598-019-39661-w](http://www.nature.com/articles/s41598-019-39661-w)

 2019

Portugal, Franklin S., and Jack S. Cohen. *A Century of DNA: A History of the Discovery of the Structure and Function of the Genetic Substance.* Cambridge: MIT Press, 1977.

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

Postner, Michael I. (Sackler Institute, Dpt. of Psychiatry, Weill Medical College of Cornell U, New York, New York 10021), Thomas D. Albright and Thomas M. Jessell. "Progress in the Neural Sciences in the Century after Cajal (and the Mysteries That Remain)." 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. 11-40.\*

Potts, Rick. (Smithsonian Institution, Human Origins Program). "Home Bases and Early Hominids." *American Scientist* 72 (1984): 338-47.

\_\_\_\_\_. *Early Hominid Activities at Olduvai.* New York: Aldine de Gruyter, 1988.

\_\_\_\_\_. "Untying the Knot: Evolution of Early Human Behavior." In *Man and Beast Revisited*. Ed. M. H. Robinson and L. Tiger. Washington (DC): Smithsonian Institution Press, 1991.

\_\_\_\_\_. *Humanity's Descent: The Consequences of Ecological Instability.* New York: William Morrow, 1996.

\_\_\_\_\_. "Ecological disruption and the origin of Homo sapiens. Video seminar. (Evolutionary Anthropology Webinar Series, U of Liverpol). *YouTube (Liverpool Evo Anths)* 19 Feb. 2021.\*

<https://youtu.be/F0Gs8EoIolk>

 2023

Potts, R., S. C. Antón, and L. C. Aiello. In *Science* 345 (2014).

Pouchet., Georges. "L'Instinct chez les Insectes." *Revue des Deux Mondes* (Feb. 1870).

Power, Camilla (Anthropology Programme, School of Humanities and Social Sciences, U of East London, E16 2RD, UK). "Sexual Selection Models for the Emergence of Symbolic Communication: Why they Need to be Reversed." In *The Cradle of Language.* Oxford: Oxford UP, 2009. 257-280.

Power, Camilla and Chris Knight. "Cooperative Breeding Models: Implications for the Evolution of Language." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 431-32.

Powell, James Lawrence. *Night Comes to the Cretaceous: Dinosaur Extinction and the Transformation of Modern Geology.* New York: W. H. Freeman, 1998.

\_\_\_\_\_. *Mysteries of Terra Firma: The Age and Evolution of the Earth.* New York: Simon and Schuster / Free Press, 2001.

Poznik, G. D., et al. "Punctuated Bursts in Human Male Demography Inferred from 1,244 Worldwide Y-chromosome Sequences." Nature Genetics 25 April 2016.

 DOI: 10.1038/ng.3559

Prada, S., M. V. Marzol, A. Yanes, C. Romero, E. Brito de Azevedo, and A. Martins. "Los riesgos de las lluvias torrenciales en las islas de la macaronesia (Azores, Madeira, Canarias y Cabo Verde)." 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. 443-52.\*

Prakash, C., B. M. Bennett, and D. D. Hoffman. "Unity of Perception*." Cognition* 38 (1991): 295–334.

Prakash, C., B. M. Bennett, D. D. Hoffman, and S. Richman. "Observer Theory, Bayes Theory, and Psychophysics." In *Perception as Bayesian Inference.* Ed. D. Knill and W. Richards. Cambridge: Cambridge UP, 1996. 163–212.

Prazdny, K., and H. C. Longuet-Higgins. "The Interpretation of a Moving Retinal Image." *Proceedings of the Royal Society of London* B 208 (1980): 385–97.

Premerlani, William (General Electric Research and Development Center, Schenectady, NJ)

Premerlani, William, James Rumbaugh, Michael Blaha, Frederick Eddy and William Lorensen. *Object-Oriented Modeling and Design.* Hemel Hempstead: Prentice Hall, 1991.

\_\_\_\_\_. *Modelado y diseño orientados a objetos: Metodología OMT.* Trans. José Rafael García-Bermejo Giner, with Antonio Reus Hungría. Ed. and rev., foreword and Appendix with introd. to OMT-2 and UML by Luis Joyanes Aguilar. Madrid: Prentice Hall, 1999.\*

Prentky, R. A., and V. L. Quinsley, eds. *Human Sexual Aggression.* (Annals of the New York Academy of Sciences, 528). New York: New York Academy of Sciences, 1988.

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

Preston, Richard. (Science writer for the *New Yorker*). The *Hot Zone.*

\_\_\_\_\_. *Panic in Level Four: Cannibals, Killer Viruses, and Other Journeys to the Edge of Science.*

\_\_\_\_\_. *Crisis in the Red Zone: The Story of the Deadliest Ebola Outbreak in History, and of the Outbreaks to Come.* New York: Random House, 2019.

 <https://www.amazon.com/Crisis-Red-Zone-Deadliest-Outbreaks/dp/0812998839/>

 2020

Preston, Richard, ed. *The Best American Science and Nature Writing 2007.* (The Best American Series, ed. Tim Folger). Houghton Mifflin,, 2007.

Preti, G., W. B. Cutler, et al. "Human Axillary Secretions Influence Women's Menstrual Cycle: The Role of Donor Extract from Men." *Hormones and Behavior* 20 (1986): 463-73.

Preti, G., W. B. Cutler, C. R. Garcia, G. R. Huggins and H. J. Lawley. "Human Axillary Secretions Influence Women's Menstrual Cycles: The Role of Donor Extract in Females." *Hormones and Behavior* 20 (1986): 474-82.

Price, George. (Evolutionary theorist, developed mathematical theory of altruism and inclusive fitness after W. Hamilton; committed suicide).

Prichard. *Phys. Hist. Of Mankind.* 1838.

Prigogine, Ilya. (b. Moscow, 1917; l. Belgium; Nobel Prize for Chemistry 1977). *Introduction to Thermodynamics of Irreversible Processes.* Wiley, 1968.

\_\_\_\_\_. *From Being to Becoming: Time and Complexity in the Physical Sciences.* San Francisco: W. H. Freeman, 1980.

\_\_\_\_\_. *¿Tan solo una ilusión? Una exploración del caos al orden*. Barcelona, Tusquets, 1982.

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

\_\_\_\_\_. *La nueva alianza.* (Alianza Universidad). 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.* New York and Toronto: Bantam Books, 1984.

\_\_\_\_\_. *Order Out of Chaos: Man's New Dialogue with Nature.* London: HarperCollins-Flamingo, 1985.

Prigogine, Ilya, and Grégoire Nicolis. *La estructura de lo complejo.* Madrid: Alianza, 1994.

Prigogine, Ilya, and Gustaaf Cornelis. "Unity between Science and Culture." In *Popularization of Science: The Democratization of Knowledge in Perspective.* Ed. Gustaaf Cornelis. Special issue of *Communication and Cognition* 29.2 (1996). 239-248.

Primo Yúfera, Eduardo. *Introducción a la investigación científica y tecnológica.* Madrid: Alianza, 1995.

Prindle, Arthur, Jintao Liu, Munehiro Asally, San Ly, Jordi Garcia-Ojalvo & Gürol M. Süel. "Ion Channels Enable Electrical Communication within Bacterial Communities." *Nature* (Oct. 2015).\*

 doi:10.1038/nature15709

Prochiantz, Alain. (Collège de France, CNRS, ENS). "L'invention de la tête." Lecture at the Ecole Normale Supéireure 7 Dec. 2002. Video at *Savoirs ENS*.\*

 <http://savoirs.ens.fr/expose.php?id=280>

 2014

\_\_\_\_\_. "Une étrange fureur d'être singe." Lecture at the conference "L'animal: matériaux pour une recherche philosophique", Ecole Normale Supérerieure, 26 Nov. 2011. Online at *Savoirs ENS.\**

 <http://savoirs.ens.fr//expose.php?id=469>

 2015

Prohom, M., A. Sánchez-Lorenzo, J. Calbó, J. Martín-Vide, 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.\*

Prohom, M., J. C. Peña-Rabadán, C. García-Sellén, P. Esteban, and G. Martí. "Análisis de la temperatura en alta montaña: Reciente descenso térmico invernal en el Pirineo Oriental y su relación con la circulación atmosférica. Resultados preliminares." 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. 261-72.\*

Prothero, D. R., and N. Shubin. "Tempo and Mode of Specialization in Oligocene Mammals." *Geological Society of America Abstracts with Programs* 15.6 (1983): 665.

Proust, Adrien. (Marcel Proust's father). ["The Different Forms of Softening of the Brain."] Ph.D. thesis (in French).

\_\_\_\_\_. [*The Defence of Europe against the Plague.*]

\_\_\_\_\_. [*Saturnism as Observed in Workers Involved in the Making of Electric Batteries.* ]

\_\_\_\_\_, ed. [*Elements of Hygiene*] 1888.

Provine, Robert. *Laughter: A Scientific Investigation.* Viking, 2000.

Pruitt, Jonathan N., and Charles J. Goodnight. "Site-Specific Group Selection Drives Locally Adapted Group Composition." *Nature* 514 (16 Oct. 2014): 359-62.\*

 <https://www.nature.com/articles/nature13811>

 2018

Psihoyos, Louie, with John Knoebber. *Hunting Dinosaurs.* London: Cassell Illustrated, 1995.

Puertas, Jesús, Eustoquio Molina and Alberto Carreras, eds. *Evolucionismo y racionalismo.* Zaragoza: Institución "Fernando el Católico" / Universidad de Zaragoza, 1998.\* (U of Zaragoza conference, 8-10 Sept. 1997).

Puértolas-Pascual, Eduardo, Manuel Pérez-Pueyo, Fernando Ari Ferratges, Carmen Núñez-Lahuerta, Julia Galán, Beatriz Bádenas and José Ignacio Canudo. "An Unusual Combination of Decapod Crustacean Fingers from the Latemost Maastrichtian Of the Southern Pyrenees (NE Spain)." In *8th Symposium on Fossil Decapod Crustaceans – Zaragoza (Spain) June 2022.* Zaragoza: Sociedad Española de Paleontología, 2022. 86-88.\*

Pueyo Anchuela, Óscar. (Centro UNED- Calatayud; opueyo@calatahud.uned.es ).

Pueyo Anchuela, Óscar, et al., eds. *Geogaceta: Revista semestral de Ciencias de la Tierra – Biannual Journal of Earth Sciences.* Sociedad Geológica de España*.* Ed. Óscar Pueyo Anchuela. Assoc. Ed. Manuel Díaz Azpiroz.Vol. 68 (July-Dec. 2020).

<http://www.gegogaceta.com>

2020

Puigdoménech, Pedro, series ed. (MUY Interesante, Biblioteca de Divulgación Científica, 72). Series ed. Virgilio Ortega, with Pedro Puigdoménech. Barcelona: Orbis, 1986.

Purcell, J. E. "Influence of Siphonophore Behavior upon Their Natural Diets: Evidence for Aggressive Mimicry." *Science* 209 (1980): 1045-47.

Purves, D. and R. B. Lotto. *Why We See What We Do: An Empirical Theory of Vision.* Sunderland: Sinauer, 2003.

Putnam, William Lowell. *The Worst Weather on Earth.* London: Mountaineers Books, 1991.

Pyne, Lydia. "Our Neanderthal Complex: What if our Ancient Relatives Did 'Human' Better?" *Nautilus* 16 Oct. 2014.\*

 <http://nautil.us/issue/18/genius/our-neanderthal-complex>

 2014