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# The Brain

Aboitiz, Francisco, and Ricardo Garcia. "The Evolutionary Origin of the Language Areas in the Human Brain: A Neuroanatomical Perspective." *Brain Research Reviews* 25 (1997): 381-96.

Acarín Tusell, Nolasc. *El cerebro del rey: Vida, sexo, conducta, envejecimiento y muerte.* With Laia Acarín Pérez-Simó. Barcelona: RBA, 2001. Rpt. Círculo de Lectores, 2009.\*

\_\_\_\_\_. "Epílogo. Un cerebro para la vida y la esperanza." In Acarín, *El cerebro del rey: Vida, sexo, conducta, envejecimiento y muerte.* Barcelona: RBA, 2001. Rpt. Círculo de Lectores, 2009. 411-16.\*

Aflalo, T., et al. "Decoding Motor Imagery from the Posterior Parietal Cortex of a Tetraplegic Human." *Science* 343.6237 (2015): 906-10.

<https://doi.org/10.1126/science.aaa5417>

2023

Amit, D. *Modeling Brain Function: The World of Attractor Neural Networks.* Cambridge UP, 1989.

Amunts, K., A. Schleicer, 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).

Arsuaga, Juan Luis, and Ignacio Martínez. "8. La evolución del encéfalo." In Arsuaga and Martínez, *La especie elegida: La larga marcha de la evolución humana.* Barcelona: Círculo de Lectores, 2009. 161-76.\*

\_\_\_\_\_. "9. Dientes, tripas, manos y cerebro." In Arsuaga and Martínez, *La especie elegida: La larga marcha de la evolución humana.* Barcelona: Círculo de Lectores, 2009. 177-96.\*

Ashby, W. Ross. [*Design for a Brain*](https://archive.org/details/designforbrainor00ashb). Chapman & Hall, 1952.

Barinaga, M. "The Brain Remaps Its Own Contours." *Science* 258 (1992): 216-218.

Barker, Gareth R. I., et al. "Separate Elements of Episodic Memory Subserved by Distinct Hippocampal–prefrontal Connections." *Nature Neuroscience* (2017). [DOI: 10.1038/nn.4472](http://dx.doi.org/10.1038/nn.4472)  
Read more at: <https://medicalxpress.com/news/2017-01-brain-memories-distinct.html#jCp>

2017

Barnes, Deborah. "Brain Architecture: Beyond Genes." *Science* 11 July 1986.

Baron-Cohen, Simon. *The Essential Difference: the Truth about the Male and Female Brain.* New York: Perseus Books, 2003.

Baxi, Madhura, et al. "Quantifying Genetic and Environmental Influence on Gray Matter Microstructure Using Diffusion MRI." *Cerebral Cortex* bhaa174 (2020).\*

<https://doi.org/10.1093/cercor/bhaa174>

<https://academic.oup.com/cercor/article-abstract/doi/10.1093/cercor/bhaa174/5872616?redirectedFrom=fulltext>

2020

Becchetti, A. "Hippocampal Formation and the Classical Art of Memory." *Proceedings of the National Academy of Sciences* 107 (2010).

Begley, Sharon. *Train Your Mind, Change Your Brain.* Ballantine Books, 2007.

Bekhtereva, N. P., M. G. Starchenko, V. A. Klyucharev, et al. "Study of the Brain Organisation of Creativity: II. Positron-emission Tomography Data." *Human Physiology* 26 (2000): 516-22.

Benton, Adam. "Human Brain Evolution Was Uniquely Bloodthirsty." *Filthy Monkey Men* 12 Oct. 2016.\*

<http://www.evoanth.net/2016/10/12/brain-evolution-unique-bloodthirsty/>

2016

Bermúdez de Castro, José María. "¿Cómo explicar el súbito incremento del tamaño de nuestro cerebro en el pleistoceno inferior?" *Reflexiones de un primate* 19 May 2016.\*

<http://reflexiones-de-un-primate.blogs.quo.es/2016/05/19/como-explicar-el-subito-incremento-del-tamano-de-nuestro-cerebro-en-el-pleistoceno-inferior/#comment-526>

2016

\_\_\_\_\_. "El cerebro de *Homo sapiens:* ¿cambio progresivo o 'salto' en la evolución?" *Reflexiones de un primate* 21 June 2016.\*

<http://reflexiones-de-un-primate.blogs.quo.es/2016/06/21/el-cerebro-de-homo-sapiens-cambio-progresivo-o-un-salto-de-la-evolucion/>

2016

Bischoff. "Grosshirnwindungen des Menschen." 1868.

Blakemore, Colin. "The Baffled Brain." In *Illusion in Nature and Art.* Ed. R. L. Gregory and E. H. Gombrich. New York: Scribner's, 1973.

Blakeslee, Sandra, and Matthew Blakeslee. *The Body Has a Mind of Its Own: How Body Maps in Your Brain Help You Do (Almost) Everything Better.* Random House, 2007.

Bogen, Joseph E. "The Other Side of the Brain." *Bulletin of the Los Angeles Neurological Societies* 34.3 (July 1969).

Braitenberg, V. "Cell Assemblies in the Cerebral Cortex." In *Theoretical Approaches to Complex Systems.* Ed. G. Palm. Springer, 1978. 171-88.

Brizendine, Louanne. *The Female Brain.* 2007.

Broca, Paul. "Les Sélections." *Revue d'Anthropologie* (1873). (On human brain).

Brooks, Carole. "Born That Way." *Right Mind Matters* (Jan. 2011).\* (Lateralization, left-handedness and psychosis).

<http://rightmindmatters.blogspot.com/2012/01/born-that-way.html>

2011

Brown, Jason. *Mind, Brain, and Consciousness: The Neuropsychology of Cognition.* New York: Academic Press, 1977.

Bryden, M. *Laterality: Functional Assymetry in the Intact Brain.* New York: Academic Press, 1982.

Buonomano, Dean. *Your Brain Is a Time Machine: The Neuroscience and Physics of Time.* New York: Norton, 2017.

Cahill, Larry. "His Brain, Her Brain." *ScientificAmerican.com* (May 2005):

<http://www.sciam.com/article.cfm?chanID=sa006&articleID=000363E3-1806-1264-980683414B7F0000&pageNumber=1&catID=2>

2005

\_\_\_\_\_. "Equal ≠ the Same: Sex Differences in the Human Brain." *The Dana Foundation (Cerebrum)* 1 April 2014.\*

<http://dana.org/Cerebrum/2014/Equal_%E2%89%A0_The_Same__Sex_Differences_in_the_Human_Brain/>

2014

Calvin, W. H*. The Cerebral Symphony.* New York: Bantam Books, 1989.

\_\_\_\_\_. *A Brain for All Seasons.* Chicago: U of Chicago P, 2002.

Calvin, W. H., and D. Bickerton. *Lingua ex Machina: Reconciling Darwin and Chomsky with the Human Brain.* Cambridge (MA): MIT Press, 2000.

Cervera, César. "El cerebro 'atrofiado' de Lenin: La insólita autopsia del dictador comunista." *ABC* 26 June 2018.\*

<https://www.abc.es/historia/abci-cerebro-atrofiado-lenin-insolita-autopsia-dictador-comunista-201806260130_noticia.html>

2019

Changeux, Jean-Pierre. *Neuronal man: The Biology of Mind*. 1983. New Jersey: Princeton University Press, 1997.

Churchland, Patricia S. *Neurophilosophy: Toward a Unified Science of the Mind-Brain.* Cambridge (MA): MIT Press, 1986.

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

Churchland, Paul M. *The Engine of Reason, the Seat of the Soul: A Philosophical Journey into the Brain.* Cambridge (MA): MIT Press, 1985.

\_\_\_\_\_. *The Engine of Reason, The Seat of the Soul: Philosophical Journey into the Brain.* Bradford Books, 1995.

Clark, Andy. *Being There: Putting Brain, Body, and World Together Again.* Cambridge (MA): MIT Press, 1997.

Corballis, M. C. *The Lopsided Ape.* Oxford: Oxford UP, 1991.

Corsi-Cabrera, María, and José Luis Díaz. (U Nacional Autónoma de México). 2 "La emoción musical difiere en hombres y mujeres: Un estudio de coherencia eléctrica entre zonas del cerebro." *Ciencia cognitiva* 11 March 2010.\*

<http://medina-psicologia.ugr.es/cienciacognitiva/?p=88>

2010

Crick, F. C and C. Koch. "What is the Function of the Claustrum?" *Philosophical Transactions of the Royal Society* B 360 (2005): 1271–279.

Damasio, Antonio R. *Descartes' Error: Emotion, Reason, and the Human Brain.* New York: G. P. Putnam, 1994.

\_\_\_\_\_. *El error de Descartes. La emoción, la razón y el cerebro humano*, Barcelona, Editorial Crítica, 2001.

\_\_\_\_\_. *Self Comes to Mind. Constructing the Conscious Brain*, London: Heinemann, 2010.

\_\_\_\_\_. *Self Comes to Mind: Constructing the Conscious Brain.* New York: Pantheon Books, 2010.

\_\_\_\_\_. *Y el cerebro creó al hombre: ¿Cómo pudo el cerebro generar emociones, sentimientos, ideas y el yo?* Trans. Ferran Meier Orti. Barcelona: Destino, 2010. Rpt. (Booket, 61). Barcelona: Destino, 2012.\* (Trans. of *Self Comes to Mind*). (Organisms, Brain, Mind, Memory, Emotions, Body, Consciousness, Self, Neurology).

Davis, J. Bernard. (On racial differences in cranial capacity). *Philosophical Transactions* (1869).

De Lacoste-Utamsing, C., and R. L. Holloway. "Sexual Dimorphism in the Human Corpus Callusum." *Science* 216 (1982): 1431-32.

Deacon, Terrence W. "Fallacies of Progression in Theories of Brain Size Evolution." *International Journal of Primatology* 11 (1990): 193-236.

\_\_\_\_\_. *The Symbolic Species: The Co-Evolution of Language and the Brain*. New York: Norton, 1997.

Debiec, J., J. LeDoux, and K. Nader. "Cellular and Systems Reconsolidation in the Hippocampus." *Neuron* 36 (2002): 527-38.

Deeke, L., B. Grötzinger and H. H. Kornhuber. "Voluntary Finger Movements in Man: Cerebral Potentials and Theory." *Biol.* *Cybernetics* 23 (1976): 99.

Deecke, L., and H. H. Kornhuber. "An Electrical Sign of Participation of the Mesial 'Supplementary' Motor Cortex in Human Voluntary Finger Movement." *Brain Research* 159 (1978): 473-76.

Dehaene, S. *The Number Sense.* New York: Oxford UP, 1997. (Brain)

Dehaene, S., and L. Cohen. "Cerebral Pathways for Calculation: Double Dissociations between Gerstmann's Acalculia and Subcortical Acalculia." *Cortex* 33 (1997): 219-50.

Dennett, Daniel. "8. Brains Made of Brains." *From Bacteria to Bach and Back.* London: Allen Lane, 2017. 150-75.\* (Brain, Computers, Neurology, Aggregation).

\_\_\_\_\_. "14. Consciousness as an Evolved User-Illusion." *From Bacteria to Bach and Back.* London: Allen Lane, 2017. 335-70.\* (Consciousness, Minds, Brain; Understanding, Hume, Intentionality, Cartesianism).

Dennett, Daniel, Maxwell Bennett, Peter Hacker and John Searle. *Neuroscience and Philosophy: Brain, Mind, and Language.*

Diamond, M. C., A. B. Scheibel 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.\*

Dimond, S. J., and J. G. Beaumont. *Hemispheric Function of the Human Brain.* New York: John Wiley, 1974.

Doidge, Norman. *The Brain That Changes Itself: Stories of Personal Triumph from the Frontiers of Brain Science.* Viking, 2007.

Domínguez, Nuño. "La genética desvela sutiles diferencias entre el cerebro humano y el chimpancé." *El País* 24 Nov. 2017.\*

<https://elpais.com/elpais/2017/11/23/ciencia/1511463700_050014.html>

2017

Dubois, Eugène. "Sur le rapport du poids de l'encéphale avec la grandeur du corps chez les mammifères." *Bulletins de la Société d'Anthropologie de Paris* 8 (1897): 337-76.

\_\_\_\_\_. "Ueber die Abhangigkeit des Hirngewichtes von der Korpergrosse bei den Saugetieren." *Arch. Anthropol.*25 (1897): 1–28.

\_\_\_\_\_. "The Law of the Necessary Philogenetic Perfection of the Psychoencephalon." *Proceedings of the Section of Sciences of the Koninklijke Akademie van Wetenschappen* 31 (1928): 304-14.

Dujardin. (On insects' cerebral ganglia). *Annales des Sc. Nat.* 3rd serie Zoolog. 14 (1850).

Dunbar, R., C. Gamble and J. Gowlett, eds. *Social Brain, Distributed Mind*. Proceedings of the British Academy/Oxford UP, 2010.

Durden-Smith, J., and D. Desimone. *Sex and the Brain.* New York: Arbor House, 1983.

Eagleman, David. *The Brain: The Story of You.* c. 2023.

Echeverría Altuna, Irene. "Todos los caminos del cerebro conducen al claustro." *The Conversation* 18 July 2022.\*

<https://theconversation.com/todos-los-caminos-del-cerebro-conducen-al-claustro-186475>

2023

Efron, R. *The Decline and Fall of Hemispheric Specialization.* Lawrence Erlbaum, 1990.

Fedorenko, Evelina. "Functional Localization in fMRI Studies of Language." *Ev Fedorenko's Home Page* at MIT.

<http://web.mit.edu/evelina9/www/funcloc.html>

2010

Fernald, R. D. and S. A. White. "Social Control of Brains: From Behavior to Genes." In *The New Cognitive Science.* Ed. M. Gazzaniga. 2nd edition, Cambridge (MA): MIT Press, 2000.

"Finding the brain's compass." *Neuroscience News* 16 Aug. 2019.\*

<https://neurosciencenews.com/brain-compass-14732/>

2019

Flamarique, Leyre. "Los minicerebros creados en laboratorio desatan un debate ético." *La Vanguardia* 28 Oct. 2019.\*

<http://prensa.unizar.es/noticias/1910/191028_z0_vang1_1.pdf>

2019

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

Frankland, Steven M., and Joshua D. Greene. "An Architecture for Encoding Sentence Meaning in Left Mid-Superior Temporal Cortex." *PNAS* 112.37 (2015): 11732-737.\*

doi: 10.1073/pnas.1421236112

<http://www.pnas.org/content/112/37/11732.long>

2015

Fromm, Harold. "Two Brains Better than One." Rev. of *Human: The Science behind What Makes Us Unique,* by Michael S. Gazzaniga. *The Evolutionary Review* 1 (2010): 59-61.\*

Fuster, Joaquin M. "Cognitive Functions of the Frontal Lobes." In *The Human Frontal Lobe: Functions and Disorders.* Ed. Bruce L. Miller and Jeffrey L. Cummings. New York: Guilford Press, 1999. 187–195.

Gabriel, Markus. *Yo no soy mi cerebro: Filosofía de la mente para el siglo XXI.* Barcelona: Pasado y Presente, 2016.

Gage, Fred H., and Alysson R. Muotri. "La singularidad de cada cerebro." In *Orígenes de la mente humana.* (Temas, 70). *Investigación y Ciencia- Edición española de Scientific American,* 4th tr. 2012. 52-57.\*

García Landa, José Ángel. "Dos medios cerebros." In García Landa, *Vanity Fea* (1 Dec. 2008).

<http://garciala.blogia.com/2008/120101-dos-medios-cerebros.php>

2008

\_\_\_\_\_. "Dos medios cerebros." *Ibercampus (Vanity Fea)* 1 Dec. 2018.\*

<https://www.ibercampus.es/dos-medios-cerebros-37555.htm>

2018

\_\_\_\_\_. "Más sobre retroalimentación cerebral." In García Landa, *Vanity Fea* 10 August 2010.\*

<http://vanityfea.blogspot.com/2010/08/mas-sobre-retroalimentacion-cerebral.html>

2010

\_\_\_\_\_. "Forever Young." In García Landa, *Vanity Fea* 24 Sept. 2011.\* (Neoteny, human origins).

<http://vanityfea.blogspot.com/2011/09/forever-young.html>

2011

\_\_\_\_\_. "Forever Young." *Ibercampus (Vanity Fea)* 10 Oct. 2011.\*

<http://www.ibercampus.es/articulos.asp?idarticulo=14813>

2011

\_\_\_\_\_. "La autointeracción, la realimentación cerebral, y la realidad como expectativa autocumplida." In García Landa, *Vanity Fea* 16 April 2015.\*

<http://vanityfea.blogspot.com.es/2015/04/la-autointeraccion-y-la-realidad-como.html>

2015

\_\_\_\_\_. "Bucles en la mente: Autointeracción, retroalimentación cerebral, y la realidad como expectativa autocumplida." *Ibercampus* 20 April 2015.\*

<http://www.ibercampus.es/autointeraccion-retroalimentacion-cerebral-y-realidad-como-expectativa-autocumplida-30096.htm>

2015

\_\_\_\_\_. "Bucles en la mente: Autointeracción, retroalimentación cerebral, y la realidad como expectativa autocumplida." *Social Science Research Network* 10 May 2015.\*

<http://papers.ssrn.com/abstract=2604277>

2015

*Psychological Anthropology eJournal* 10 May 2015.\*

<http://papers.ssrn.com/abstract=2604277>

2015

*Biological Anthropology eJournal* 10 May 2015.\*

<http://www.ssrn.com/link/Biological-Anthropology.html>

2015

*Human Cognition in Evolution and Development* 10 May 2015.\*

<http://www.ssrn.com/link/Human-Cognition-Evolution-Development.html>

2015

*Metaphysics eJournal* 10 May 2015.\*

<http://www.ssrn.com/link/Metaphysics.html>

2015

\_\_\_\_\_. "Los circuitos neurales de la consciencia: Modo offline." *ResearchGate* 13 Oct. 2016.\*

<https://www.researchgate.net/publication/309126556>

2016

\_\_\_\_\_. "Los circuitos neurales de la consciencia: Modo offline. *Academia* 17 Oct. 2016.\*

<http://www.academia.edu/29203511>

2016

\_\_\_\_\_. "Cerebros trans." In García Landa, *Vanity Fea* 22 Sept. 2023.\*

<https://vanityfea.blogspot.com/2023/09/cerebros-trans.html>

2023

Gazzaniga, Michael S. "The Split Brain in Man." *Scientific American* 217 (August 1967).

\_\_\_\_\_. *The Social Brain.*

\_\_\_\_\_. *The Bisected Brain.*

\_\_\_\_\_. *Mind Matters: How Mind and Brain Interact to Create Our Conscious Lives.* 1989.

\_\_\_\_\_. *Nature's Mind: The Biological Roots of Thinking, Emotions, Sexuality, Language and Intelligence.* 1994.

\_\_\_\_\_. *The Ethical Brain.* (Bioethics).

*\_\_\_\_\_. El cerebro ético.* Barcelona: Paidós, 2006.

\_\_\_\_\_. *The Mind's Past.* Berkeley: U of California P, 1998.\* (Self, neuropsychology, brain, mind, memories).

\_\_\_\_\_. *El libre albedrío y la ciencia del cerebro.* Paidós, 2012.

\_\_\_\_\_. *Relatos desde los dos lados del cerebro.* Paidós.

Geary, David C. *The Origin of Mind: Evolution of Brain, Cognition, and General Intelligence.* Washington, D. C.: APA, 2005.

Geschwind, N. "The Anatomical Basis of Hemispheric Differentiation." In *Hemispheric Function of the Human Brain.* Ed. S. J. Dimond and J. G. Beaumont. New York: John Wiley, 1974.

Ghose, Tia. "Human Brain's Bizarre Folding Pattern Re-created in a Vat." *Scientific American* 4 Feb. 2016.\*

<http://www.scientificamerican.com/article/human-brain-s-bizarre-folding-pattern-re-created-in-a-vat/>

2016

Goleman, D. "Subtle but Intriguing Differences Found in the Brain Anatomy of Men and Women." *New York Times* 11 April 1989.

González Álvarez, Julio. *Breve Historia del Cerebro.* Editorial Crítica.

González-Forero, Mauricio, and Andy Gardner. "Inference of Ecological and Social Drivers of Human Brain-Size Evolution." *Nature* 557 (2018): 554-57.\*

doi:10.1038/s41586-018-0127-x

<https://www.nature.com/articles/s41586-018-0127-x>

2018

Graham, Philip. "Against the Stream: The Teenage Brain Is Not Unique." *ResearchGate* (June 2019).\*

DOI: 10.1192/bjb.2019.37

<https://www.researchgate.net/publication/333613425>

2019

Greenfield, Susan. *The Private Life of the Brain.* Penguin, 2000.

Gregory, Richard. "El cerebro no busca la verdad, sino sobrevivir." 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. 457-70.\*

Guillamón, Antonio. (UNED). "Un cerebro preparado para cada identidad de género." *The Conversation* 22 Sept. 2022.\*

<https://theconversation.com/un-cerebro-preparado-para-cada-identidad-de-genero-189812>

2023

Gupta, Sujata. "Brain Food: Clever Eating." *Nature* 531 (3 March 2016): S12-S13.\*

doi:10.1038/531S12a

<http://www.nature.com/nature/journal/v531/n7592_supp/full/531S12a.html>

2016

Gutiérrez Martínez, Alberto, and Roberto Ortega Miranda. "Creacionismo y evolucionismo en la relación mente-cerebro: K. Popper y J. Eccles." In *Evolucionismo y racionalismo.* Ed. Eustoquio Molina, Alberto Carreras and Jesús Puertas. Zaragoza: Institución "Fernando el Católico" / Universidad de Zaragoza, 1998. 181-87.\*

Hameroff, Stuart. "Consciousness, the Brain, and Spacetime Geometry." 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. 74-104.\* (Quantum theory, neurons).

Harris, Marvin. "El cerebro empieza a pensar." In Harris, *Nuestra especie.* 3rd. ed. Madrid: Alianza Editorial, 2011. 67-69.\*

Hebb, D. O. *The Organization of Behavior.* Wiley, 1949. (Neurology).

Hécaen, H. and J. de Ajuriaguerra. *Left-Handedness: Manual Superiority and Cerebral Dominance.* New York: Grune and Stratton, 1964.

Herschkowitz, N., J. Kagan and K. Zilles. "Brain Bases for Behavioral Development in the First Year." *Pediatric Neurology* (forthcoming 1998).

Highfield, Roger. "La verdadera raíz de la magia reside en las limitaciones del cerebro humano." 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. 471-82.\*

Hobson, J. Allan. *The Chemistry of Conscious States: How the Brain Changes its Mind.* Boston: Little, Brown, 1994.

\_\_\_\_\_. *Sleep.* New York: Scientific American Library, 1995.

Holland, Norman. "5. Four Changes in the Brain." In Holland, *Literature and the Brain.* Gainesville (FL): PsyArt Foundation, 2009. 40-46.\*

\_\_\_\_\_. "Appendix: About the Brain." In Holland, *Literature and the Brain.* Gainesville (FL): PsyArt Foundation, 2009. 362-87.\*

Horton J. C., and W. F. Hoyt. "Quadratic Visual Field Defects: A Hallmark of Lesions in Extrastriate (V2/V3) Cortex." *Brain* 114 (1991): 1703–18.

"How the Brain Communicates on Several Channels." *Neuroscience News* 27 Jan. 2016.\*

<http://neurosciencenews.com/brain-frequency-information-3506/>

2016

Huth, Alexander, Shinji Nishimoto, An T. Vu, and Jack L. Gallant. "A Continuous Semantic Space Describes the Representation of Thousands of Objects and Action Categories across the Human Brain." *Neuron* 76.6 (20 Dec. 2012): 1210-1224.\*

DOI: <http://dx.doi.org/10.1016/j.neuron.2012.10.014>

<http://www.cell.com/neuron/fulltext/S0896-6273%2812%2900934-8>

2016

Huth, Alexander G., Wendy A. de Heer, Thomas L. Griffiths, Frédéric E. Theunissen, and Jack L. Gallant. "Natural Speech Reveals the Semantic Maps that Tile Human Cerebral Cortex." Nature 27 April 2016.\*

<http://www.nature.com/nature/journal/v532/n7600/full/nature17637.html>

2016

Iaccino, J. *Left Brain-Right Brain Differences.* Erlbaum, 1993.

Innocenti, G. M. "Exuberant Development of Connections, and its Possible Permissive Role in Cortical Evolution." *Trends in Neuroscience* 18 (1995): 397-402.

Issacharoff, Michael, and Leila Madrid. *Pensamiento y lenguaje: El cerebro y el tiempo.* Madrid: Fundamentos, 1994.

Ivanov, Vyacheslav. (Вячеслав Иванов). *Чет и нечет: Асимметрия мозга и знаковых систем.* Москва: Советское радио, 1978.

Jabr, Ferris. "Spine Tuning: Finding Physical Evidence of How Practice Rewires the Brain." *Scientific American (Observations)* 16 April 2012.\*

<https://blogs.scientificamerican.com/observations/spine-tuning-finding-physical-evidence-of-how-practice-rewires-the-brain/>

2022

Jaynes, Julian. *The Origin of Consciousness in the Breakdown of the Bicameral Mind.* Boston: Houghton Mifflin, 1976.

\_\_\_\_\_. *The Origin of Consciousness in the Breakdown of the Bicameral Mind.* 1976, 1990. 2000.

<http://www.julianjaynes.org/bicameralmind.php>

2009

\_\_\_\_\_. *La Naissance de la Conscience dans L'Effondrement de L'Esprit*. Paris: Presses Universitaires de France. 1994.

\_\_\_\_\_. *Der Ursprung des Bewusstseins durch den Zusamnenbruch der Bicameralen Psych.* Reinbek: Rowohlt. 1988.

\_\_\_\_\_. *Il Crollo della Mente Bicamerale e L'origine della Coscienza.* Milano: Adelphi. 1984.

\_\_\_\_\_. *El Origen de la Conciencia en la Ruptura de la Mente Bicameral*. Mexico: Fondo de Cultura Economica, 1987.

Jerison, Harry J. "Animal Intelligence as Encephalization." *Philos. Trans. R. Soc. Lond. B Biol. Sci.*308 (1985): 21–35.

\_\_\_\_\_. "El segundo cerebro humano." 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. 275-82.\*

Johnson, Steven. *Emergence: The Connected Lives of Ants, Brains, Cities and Software.* New York: Scribner, 2002.

Jorge, Judith de. "La parte del cerebro que nos distingue de los neandertales." *ABC* *(Ciencia)* 6 April 2020.\*

<https://www.abc.es/ciencia/abci-parte-cerebro-distingue-neandertales-202004062011_noticia.html>

2020

Jou Mirabent, David. *Cerebro y universo: Dos cosmologías.* (El espejo y la lámpara, 1). Barcelona: Edicions UAB, 2011.\* (Prologue, "Cerebro y universo", 9-14).

Just, E. E. "Cortical Cytoplasm and Evolution." *American Naturalist* 67 (1933): 20-29.

Kimura, D. "The Asymmetry of the Human Brain." *Scientific American* 228 (1973): 70-78.

\_\_\_\_\_. "Sex Differences in Cerebral Organization for Speech and Praxic Functions." *Canadian Journal of Psychology* 37 (1983): 19-35.

Kosslyn, Stephen M. *Image and Mind.* Cambridge (MA): Harvard UP, 1981.

\_\_\_\_\_. *Image and Brain: The Resolution of the Imagery Debate.* Cambridge (MA): MIT Press, 1994.

Letzter, Rafi. "Nobody Knows Where Brainwaves Come From." *Inverse Science* 7 Aug. 2017.\*

<https://www.inverse.com/article/34269-brainwaves-mystery-neuroscience-eeg-neurons>

2017

LeVay, Simon. *The Sexual Brain.* Cambridge (MA): MIT Press, 1993.

Llinás, Rodolfo. "No te puedes fiar del cerebro." 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. 175-83.\*

Llinás, Rodolfo, and Urs Ribary. "Consciousness and the Brain: The Thalamocortical Dialogue in Health and Disease." 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. 166-75.\*

Lucio, Cristina G. "El mejor mapa del 'cableado' cerebral." *El Mundo* 3 April 2014.\*

<http://prensa.unizar.es/noticias/1404/140403_z0_mundo47.pdf>

2014

Lumer, E. D., K. J. Friston and G. Rees. "Neural Correlates of Perceptual Rivalry in the Human Brain." *Science* 280 (1998): 1930–34.

MacLean, P. D. "A Triune Concept of the Brain and Behaviour." Toronto: U of Toronto P, 1983.

MacNeilage, P., M. Studdert-Kennedy, and B. Lindblom. "Hand Signals: Right Side, Left Brain and the Origin of Language." *The Sciences* (Jan.-Feb. 1993): 32-37.

Makin, Simon. "Human Brain Gain: Computer Models Hint at Why We Bested Neanderthals." *Scientific American* 26 March 2018.\*

<https://www.scientificamerican.com/article/human-brain-gain-computer-models-hint-at-why-we-bested-neandertals/>

2018

Marcus, Gary. *Kluge: The Haphazard Construction of the Human Mind.* London: Faber and Faber, 2008. (On memory, evolution, bricolage, serendipity and randomness, evolutionary heritage, and historical contingency).

\_\_\_\_\_. *Kluge: The Haphazard Construction of the Human Mind.* Boston and New York: Houghton Mifflin, 2008. Online at PDF Archive:

<https://www.pdf-archive.com/2011/12/04/kluge-the-haphazard-construction-of-the-human-mind/kluge-the-haphazard-construction-of-the-human-mind.pdf>

2016

Marin-Padilla, M. "Prenatal Development of Human Cerebral Cortex: An Overview." *International Pediatrics* 10 (1995): 6-15.

Markram, Henry. "El proyecto cerebro humano." In *Orígenes de la mente humana.* (Temas, 70). *Investigación y Ciencia- Edición española de Scientific American,* 4th tr. 2012. 90-95.\*

Martin, R. D. "Human Brain Evolution in an Ecological Context." (52nd James Arthur Lecture on the Evolution of the Human Brain). New York: American Museum of Natural History, 1982.

Martín-Loeches, Manuel.*¿Qué es la actividad cerebral? Técnicas para su estudio.* 2001.

\_\_\_\_\_. *La mente del Homo sapiens: El cerebro y la evlución humana.* 2008.

Martínez Gázquez, José Miguel. "Revolución frontal (1): Cerebro social." *Der Golem* 7 Dec. 2018.\*

<https://dergolem.blog/2018/12/07/revolucion-frontal/>

2019

\_\_\_\_\_. "Neotenia (2): Niños rata (¡topo!)." *Der Golem* 21 Dec. 2018.\*

<https://dergolem.blog/2018/12/21/neotenia-2/>

2020

\_\_\_\_\_. "Revolución cortical (3): Un cerebro concertado." *Der Golem* 8 Feb. 2019.\*

<https://dergolem.blog/2019/02/08/revolucion-cortical-3/>

2020

\_\_\_\_\_. "Paleoneurología (3): Un cerebro para dominarlos a todos." *Der Golem* 24 Jan. 2020.\*

<https://dergolem.blog/2019/01/24/paleoneurologia-3/>

2020

McCarthy, M. M. "A New View of Sexual Differentiation of Mammalian Brain." *Journal of Comparative Physiology A (Neuroethology, Sensory, Neural and Behavioral Physiology)* 8 Nov. 2019. Online at *PubMed.\**

doi: 10.1007/s00359-019-01376-8

<https://www.ncbi.nlm.nih.gov/pubmed/31705197>

2019

McGilchrist, Iain. *The Master and His Emissary: The Divided Brain and the Making of the Western World.* 2010.

Mitchell, Kevin J. *Innate: How the Wiring of Our Brains Shapes Who We Are.*

Moreno, Javier. "El descubrimiento del cerebro (entrevista a Julio González)." *La nueva ilustración evolucionista* 14 July 2011.\*

<http://ilevolucionista.blogspot.com.es/2011/07/el-descubrimiento-del-cerebro.html>

2013

Morin, Edgar, and Massimo Piattelli-Palmarini. *Centre Royaumont: L'Unité de l'homme, 2: Le cerveau humain.* Paris: Seuil , 1974.

\_\_\_\_\_. *Centre Royaumont: L'Unité de l'homme, 2: Le cerveau humain.* (Points, Essais, 92). Paris: Seuil, 1978.

Nehls, Michael. *Das Indoktrinierte Gehirn.* 2024. (Coronavirus, Inmunology, Brain, Neurology, Proteins, Alzheimer's, Vaccines, Genetic engineering, MRNa, Depression, Manipulation, Herd spirit, Memory).

Nieves, José Manuel. "Solo vemos el pasado: Nuestro cerebro no procesa imágenes en tiempo real. Un nuevo estudio demuestra que el cerebro necesita hasta 15 segundos para procesar las imágenes que recibe, por lo que nos muestra las que tenía almacenadas." *ABC* 8 March 2022.\*

<https://www.abc.es/ciencia/abci-solo-vemos-pasado-nuestro-cerebro-no-procesa-imagenes-tiempo-real-202203080121_noticia.html>

2022

Noë, A., and J. K. Regan. "On the Brain-basis of Visual Consciousness: A Sensorimotor Account." In *Vision and Mind: Selected Readings in the Philosophy of Perception.* Ed. A. Noë and E. Thompson. Cambridge (MA): MIT Press, 2002. 567–98.

Nolte, J. "Development of the Nervous System." Ch. 2. of *The Human Brain: An Introduction to Its Functional Anatomy.* 5th ed. St. Louis: Mosby, 2002.

\_\_\_\_\_. *El cerebro humano: Introducción a la anatomía funcional.* Madrid: Mosby/Doyma, 1994.

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

*Orígenes de la mente humana.* (Temas, 70). *Investigación y Ciencia- Edición española de Scientific American,* 4th tr. 2012. (I. Evolución. II. Genes y entorno. III. Complejidad cerebral).

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

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

Penrose, Roger. *The Emperor's New Mind: Concerning Computers, Minds, and the Laws of Physics.* 1989.

\_\_\_\_\_. *La nueva mente del emperador.* Trans. Javier García Sanz. Introd. José Manuel Sánchez Ron. Barcelona: Círculo de Lectores, 1996.\*

\_\_\_\_\_. "Consciousness, the Brain, and Spacetime Geometry: An Addendum. Some New Developments on the Orch OR Model for Consciousness." 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. 105-10.\*

El Periódico. "Viaje al cerebro del homínido." *El Periódico de Aragón* 3 April 2020: 29.\* (Zeresenay Alemseged; Australopithecus).

<http://prensa.unizar.es/noticias/2004/200403_z0_cerebro.pdf>

2020

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

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

Punset, Eduardo. *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.\* (Life, Universe, natural sciences, cosmology, human origins, evolution, psychology, aging, physics, adaptation, future, brain).

\_\_\_\_\_. (Lynn Margulis and Eduardo Punset). *Mind, Life, and Universe: Conversations with Great Scientists of Our Time.* Chelsea Green Publishing, 2007.

Quiroga, R. Q., L. Reddy, G. Kreiman, C. Koch and I. Fried. "Invariant Visual Representation by Single Neurons in the Human Brain." *Nature* 435.7045 (2005): 1102-7.

Quiroga, R. Q., G. Kreiman, C. Koch and I. Fried. "Sparse but not 'Grandmother-Cell' Coding in the Medial Temporal Lobe." *Trends in Cognitive Sciences* 12.3 (2008): 87-91.

<https://doi.org/10.1016/j.tics.2007.12.003>

2023

Rakic, P. "A Small Step for the Cell, a Giant Leap for Mankind: A Hypothesis of Neocortical Expansion during Evolution." *Trends in Neuroscience* 18 (1995): 383-88.

Ramachandran, Vilayanur. "VS Ramachandran on Your Mind." *TED* (Oct. 2007).\* (Phantom limbs, synesthesia, cerebral wiring, mental associations).

<http://www.ted.com/talks/vilayanur_ramachandran_on_your_mind.html>

2009

\_\_\_\_\_. *The Tell-tale Brain: Unlocking the Mystery of Human Nature.* London: William Heinemann, 2011.

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

Rametti, Giuseppina, Beatriz Carrillo, Esther Gómez-Gil, Carme Junque, Santiago Segovia, 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

Ramón y Cajal, Santiago. (S. Ramón Cajal). *Textura del sistema nervioso del Hombre y de los Vertebrados: Estudios sobre el plan estructural y composición histológica de los centros nerviosos adicionados de consideraciones fisiológicas fundadas en los nuevos descubrimientos.* 2 vols. in 3. Madrid: Imprenta y Librería de Nicolás Moya, 1899 (vol. 1), 1904 (vol 2, first and second part).\*

\_\_\_\_\_. *Textura del sistema nervioso del Hombre y de los Vertebrados…* Facsimile ed. of 1899-1904. Zaragoza: Gobierno de Aragón, Departamento de Cultura y Turismo, 2002.\*

Rennie, John. "Brains Cling to Old Habits when Learning New Tricks." *Quanta Magazine* 27 March 2018.\*

<https://www.quantamagazine.org/brain-computer-interfaces-show-that-neural-networks-learn-by-recycling-20180327/>

2018

Richards, Blake. "Yes, the Brain Is a Computer. No, It's Not a Metaphor." *Medium (The Spike)* 1 Oct. 2018.\*

<https://medium.com/the-spike/yes-the-brain-is-a-computer-11f630cad736>

2020

Rivera, Alicia. "El cerebro, elegantemente simple." *El País (Sociedad)* 10 April 2012.\*

<https://elpais.com/sociedad/2012/04/10/actualidad/1334086304_663569.html>

2022

Rivera Arrizabalaga, Ángel. "El lóbulo frontal humano." *Arqueología cognitiva* 8 Aug. 2009.\*

<http://arqueologiacognitiva.blogspot.com/2009/08/el-lobulo-frontal-humano.html>

2020

Rizzo, M., M. Nawrot and J. Zihl. "Motion and Shape Perception in Cerebral Akinetopsia." *Brain* 118 (1995): 1105–27.

Rose, Steven. *The 21st Century Brain.* London: Jonathan Cape, 2005.

Roth, G., and U. Dicke. "Evolution of the Brain and Intelligence." *Trends Cogn. Sci.*9 (2005): 250–57.

Rubia, Francisco J. *El sexo del cerebro: la diferencia fundamental entre hombres y mujeres.* Madrid: Temas de Hoy, 2007.

Ruiz, Isabel. "Cambian de hemisferio cerebral el área del lenguaje a un joven malagueño para extirparle un tumor." *ABC* 3 April 2019.\*

<https://sevilla.abc.es/andalucia/malaga/sevi-cambian-hemisferio-cerebral-area-lenguaje-joven-malagueno-para-extirparle-tumor-201904031427_noticia.html>

2019

Sacks, Oliver. *Musicophilia: Tales of Music and the Brain*. Knopf, 2007.

Schaik, C. P. van, and K. Isler. "The Expensive Brain: A Framework for Explaining Evolutionary Changes in Brain Size." *J.* *Hum. Evol.*57 (2009: 392–400.

Sáez, Cristina. "Estábamos equivocados: El cerebro humano es tan grande por esta razón." *La Vanguardia (Big Vang)* 25 May 2018.\* (González-Forero et al.).

<http://www.lavanguardia.com/ciencia/cuerpo-humano/20180525/443808264476/cerebro-humano-tamano-evolucion-inteligencia.html>

2018

Sanford, Anthony J. and Catherine Emmott. Mind, Brain, Narrative. Cambridge: Cambridge UP, 2012.

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.

Schoenemann, P. Thomas. "The Importance of Exploring Non-Linguistic Functions of Human Brain Language Areas for Explaining Language Evolution." Abstract in *The Evolution of Language.* Ed. Andrew D. M. Smith et al. New Jersey: World Scientific, 2010. 485-86.\*

Schopenhauer, Arthur. *Die Welt als Wille und Vorstellung.* 1819. (Existence, World, Plato, Kant, Upanishads, Knowledge, Idealism, Causality, Brain, Metaphysics, Will, Perception, Consciousness, Body, Freedom, Life, Strife, Aesthetics, Beauty, Ethics).

\_\_\_\_\_. *The World as Will and Representation.*  Trans. E. F. J. Payne. 2 vols. New York: Dover, 1969.

\_\_\_\_\_. *El mundo como voluntad y representación.* Introd. E. Friedrich Sauer. Trans. E. Ovejero y Maury. México: Porrúa, 1987.

\_\_\_\_\_. *El mundo como voluntad y representación.* Introd. Ignasi Roviró Alemany. Barcelona: RBA, 2004.

\_\_\_\_\_. *El mundo como voluntad y representación (volumen primero).* Trans. Rafael-José Díaz Fernández and Mª Montserrat Armas Concepción. Introd. Luis Fernando Moreno Claros. (Grandes Pensadores Gredos). Madrid: Gredos, 2010. Rpt. Barcelona: RBA, 2014.\*

Searle, John. *Mind, Brains, and Science.* Cambridge (MA): Harvard UP, 1984.

\_\_\_\_\_. "Mind, Brains, and Programs." *Behavioral and Brain Sciences* 3 (1980): 417-24.

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

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

Singer, Wolf. "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).

Smail, Daniel Lord. *On Deep History and the Brain.* Berkeley: U of California P, 2008.

Smart, J. J. C. "Sensations and Brain Processes." *Philosophical Review* 68 (1959): 141–56.

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).

\_\_\_\_\_. "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.

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

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

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

Stamenov, Maxim I, and Vittorio Gallese, eds. *Mirror Neurons and the Evolution of Brain and Language.* (Advances in Consciousness Research, series B, 42). Amsterdam: John Benjamins, 2002.

Stevens, Leonard A. *Los exploradores del cerebro.* Ediciones de Bolsillo.

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

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

Tirapu Ustárroz, J., M. Ríos-Lago, A. García Molina, A. Ardila, and A. Viguera, eds. *Neuropsicología del córtex prefrontal y funciones ejecutivas.* 2012. 353-90.

Tobias, Phillip V., and Ralph Holloway. "El tamaño de nuestro cerebro." 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. 255-68.\*

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

Tononi, G., R. Srinivasan, 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.

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

Urai, A. E., et al. "Large-Scale Neural Recordings Call for New Insights to Link Brain and Behavior." *Nature Neuroscience* (2022): 1-9.

<https://doi.org/10.1038/s41593-021-00980-9>

2023

Villalobos Tornero, Loles. "Neuroplasticidad: El extraordinario poder de nuestro cerebro para transformarse y repararse." *The Conversation* 19 Jan. 2023.\*

<https://theconversation.com/neuroplasticidad-el-extraordinario-poder-de-nuestro-cerebro-para-transformarse-y-repararse-197731>

2023

von Neumann, John. *The Computer and the Brain.* New Haven: Yale UP, 1958.

Vyshedskiy, Andrey. "Language Evolution to Revolution: the Leap from Rich-vocabulary Non-recursive Communication system to Recursive Language 70,000 Years ago Was Associated with Acquisition of a Novel Component of Imagination, called Prefrontal Synthesis, Enabled by a Mutation that Slowed down the Prefrontal Cortex Maturation Simultaneously in Two or More Children – the Romulus and Remus Hypothesis." *Research Ideas and Outcomes* (2019).

[DOI: 10.3897/rio.5.e38546](http://dx.doi.org/10.3897/rio.5.e38546)

2019

Wedeen, Van J., et al. "The Geometric Structure of the Brain Fiber Pathways." *Science* 335.6076 (30 March 2012): 1628-34.

[DOI: 10.1126/science.12152](https://doi.org/10.1126/science.1215280)

<https://www.science.org/doi/10.1126/science.1215280>

2022

Wenzel et al. "Reduced Repertoire of Cortical Microstates and Neuronal Ensembles in Medically Induced Loss of Consciousness." *Cell Systems* 8 (2019): 1-8.

Wexler, B. *Brain and Culture.* Cambridge (MA): MIT Press, 2006.

Wiener, Norbert. "X. Ondas cerebrales y sistemas autoorganizados." In Wiener, *Cibernética.* Barcelona: Tusquets, 1985. 233-58.\*

Wijdicks, E. F. M. "Brain Death Worldwide: Accepted Fact but No Global Consensus in Diagnostic Criteria." *Neurology* 58 (2002).

Williams, Camile Michèle, Hugo Peyre, 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

Wolman, Benjamin B. "III. Conductismo y reduccionismo." In Wolman, *Teorías y sistemas contemporáneos en psicología.* Barcelona: Martínez Roca, 1979. 89-116.\* (1. John B. Watson: La psicología como ciencia de la conducta. 2. Los primeros conductistas. 3. Karl S. Lashley: mecanismos cerebrales. 4. Donald O. Hebb: organización de la conducta).

Woodward, Aylin. "The Shrinking of Human Brains Has Remained a Mystery—Until Now." *Wall Street Journal* 19 Sept. 2023.

<https://www.wsj.com/story/the-shrinking-of-human-brains-has-remained-a-mysteryuntil-now-83aa092b>

2023

Wurtman, R., and J. Wurtman. *Nutrition and the Brain.* Vol. 1. New York: Raven Press, 1977.

Young, R. M. *Mind, Brain and Adaptation in the Nineteenth Century: Cerebral Localization and Its Biological Context from Gall to Ferrier.* Oxford: Oxford UP, 1970. Rpt. (History of Neuroscience Series). New York: New York UP, 1990. Online at *The Human Nature Review:*

<http://human-nature.com/mba/mba1.html>

2015

Young, J. Z. *A Model of the Brain.* Oxford: Clarendon, 1964.

Zeki, S. *A Vision of the Brain.* Oxford: Blackwell, 1993.

Zeki, S., J. D. G. Watson, C. J. Lueck, K. J. Friston, C. Kennard, and R. S. J. Frackowiak. "A Direct Demonstration of Functional Specialization in Human Visual Cortex." *Journal of Neuroscience* 11 (1991): 641–49.

Zihl, J., D. von Cramon, and N. Mai. "Selective Disturbance of Movement Vision after Bilateral Brain Damage." *Brain* 106 (1983): 313–40.

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

Zimmer, Carl. *Soul Made Flesh: The Discovery of the Brain and How It Changed the World.* 2004, pbk. 2005. (Thomas Willis).

\_\_\_\_\_. "The Brain: Could An Inner Zombie Be Controlling Your Brain?" *Discover* 8 Sept. 2008.

<http://discovermagazine.com/2008/oct/15-could-an-inner-zombie-be-controlling-your-brain>

2008

\_\_\_\_\_. "How Your Brain Can Control Time." *Discover* (August 2008).

<http://carlzimmer.com/articles/index.php?subaction=showfull&id=1217534813&archive=&start_from=&ucat=11&>

2008

\_\_\_\_\_. "The Big Similarities & Quirky Differences Between Our Left and Right Brains: A broken symmetry from our evolutionary heritage is part of what makes us human." *Discover Magazine* (May 2009 issue, published online April 15, 2009).

<http://discovermagazine.com/2009/may/15-big-similarities-and-quirky-differences-between-our-left-and-right-brains>

2009

\_\_\_\_\_. *Brain Cuttings: Thirteen Journeys Through the Mind.*

\_\_\_\_\_. "Cinco billones de conexiones." In *Orígenes de la mente humana.* (Temas, 70). *Investigación y Ciencia- Edición española de Scientific American,* 4th tr. 2012. 83-89.\*

Anthologies

Bloom, Floyd E., ed. *Best of the Brain from Scientific American: Mind, Matter, and Tomorrow's Brain*. Dana Press, 2007.

<http://www.dana.org/news/danapressbooks/detail.aspx?id=5472>

Audio

Otero, Julia. "Mara Dierssen, neurobióloga: 'El hombre es escultor de su propio cerebro'." Audio. *Ivoox (Julia en la Onda)* 15 Nov. 2012.\*

<https://www.ivoox.com/mara-dierssen-neurobiologa-el-hombre-es-escultor-de-audios-mp3_rf_1574808_1.html>

2023

Pinillos, José Luis. "La conciencia humana (III): Origen y función biológica de la conciencia." Lecture at *Fundación Juan March* 26 May 1975. Online audio at *Canal March.\**

<https://canal.march.es/es/coleccion/conciencia-humana-iii-origen-funcion-biologica-conciencia-18976>

2022

Blogs

*Cosas del cerebro.* Blog at *ABC.* (Pilar Quijada).*\**

<https://abcblogs.abc.es/>

2019

*The Frontal Cortex.* Blog. (Jonah Lehrer)

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

2009

*Right Mind Matters.* (Carole Brooks Platt).

<http://rightmindmatters.blogspot.com/2011/11/what-is-right-for-you-may-not-be-right.html>

2011

Films

*What Makes Us Human?* Dir. Tim Lambert. Prod. Tiger Aspect Productions, 2006. Online at *YouTube.\** (Microcephaly, Pakistan, eugenics, genetics, Brain, Neurology, Theory of Mind, Intentionality).

<https://vanityfea.blogspot.com/2014/01/what-makes-us-human.html>

2023

Internet resources

*The Brain.* Science Museum, Jerusalem.

<http://brain.mada.org.il/museum-e.html>

2010

"Cerebro." In *Wikipedia: The Free Encyclopedia.*

<http://es.wikipedia.org/wiki/Cerebro>

2010

"Claustrum." *Wikipedia: The Free Encyclopedia*

<https://en.wikipedia.org/wiki/Claustrum>

2015

Journals

*Behavioral and Brain Sciences* 12 (1989).

*Brain: A Journal of Neurology*

Vol. 1 (1878); vol. 102 (1979).

*Brain Behav. Inmun. Health* (Feb. 2011), online Dec. 2021 at *PubMed.\**

<https://pubmed.ncbi.nlm.nih.gov/34927105/>

2022

*Brain Research* 159 (1978).

*Brain Research: Brain Research Reviews* 18.3 (Sept.-Dec 1993).

*Cerebral Cortex* 7.2 (1997); 18.11 (Nov. 2008)

<http://cercor.oxfordjournals.org/>

2008

*Cerebrum.* Ed. Bill Glovin. Dana Foundation.

<http://www.dana.org/news/cerebrum/>

2010

*Cognitive Brain Research* 25 (2005).

*Cortex* 33 (1997).

*Science* 382.6667 (13 Oct. 2023): *Brain Cell Census.\**

<https://www.science.org/toc/science/382/6667>

2023

Literature

Wiener, Norbert. "The Brain." Story.

Societies and institutions

*The Dana Foundation*

<http://www.dana.org>

2007-08-03

Video

Bennett, Maxwell. "The History of Mind." Lecture at Yale University, 2 oct. 2013. *YouTube (YaleUniversity)* 11 Feb. 2014.\*

<http://youtu.be/JPt5Ot1UdDs>

2014

Bermúdez de Castro, José María. "Evolución del cerebro en el género Homo: Desde Atapuerca hasta el Párkinson de nuestros días." Video lecture. *YouTube (Parkinson Burgos)* 19 Oct. 2017.\*

<https://youtu.be/9oR8P70-7yM>

2019

Carlson, Tucker. "How Covid and Vaccines Are Rewiring Our Brains: Unveiling the Shocking Truth - Tucker Carlson Tonight April 1, 2021." Video interview with Michael Nehls. *YouTube (Monster University – Minecraft Animations)* 2 April 2024.\* (Coronavirus, Inmunology, Brain, Neurology, Proteins, Alzheimer's, Depression, Vaccines, Genetic engineering, MRNa, Depression, Manipulation, Herd spirit, Memory).

<https://youtu.be/UPQDFdYOeS8>

2024 DISCONTINUED 2024

*YouTube (Martin Stensö Officiell)* 4 April 2024.\* (Swedish subtitles).

<https://youtu.be/ZrkaZSz0krY>

2024

Cavada, Carmen. "Circuitos neurales de la consciencia." (Seminario del Grupo Ciencia, Razón y Fe). *YouTube (universidaddenavarra)* 30 Nov. 2012.\*

<https://youtu.be/wRSYulaXB1o>

2015

Dennett, Daniel. "A Human Mind as an Upside-Down Brain." Video. Lecture, Beloit College, 23 Feb. 2011. *YouTube (Anti-Theist)* 29 Nov. 2013.\*

<https://youtu.be/F_FsILmlizA>

2016

\_\_\_\_\_. "The Hard Problem of Consciousness 'And then What Happens?'" (Brain Day Lecture, Waterloo U, 7 April 2014). *YouTube* (*CTN* % Uwaterloo) 29 May 2014.\*

<http://youtu.be/pu69ZIujjU0>

2014

\_\_\_\_\_. "How, When, and Why Can We Trust Our Brains?" (Johns Hopkins Natural Philosophy Forum Distinguished Lecture, 2023). 6 Feb. 2023. Video. *YouTube (Hopkins Natural Philosophy Forum)* 17 Feb. 2023.\* (Information processing, Cognition, Consciousness, Agency, Language, Memes, Knowledge, Truth, Comprehension, Chomsky, Borges' Library of Babel, Reflexivity and metalanguage, Human exceptionalism)

<https://youtu.be/32u12zjgJww>

2024

Dierssen, Mara. "TEDxSol: Mara Dierssen – Cómo podemos fabricar un entorno que cambie nuestro cerebro." Video lecture. *YouTube (TEDx Talks)* 13 Nov. 2010.\*

<https://youtu.be/0Iheg3iTqsg>

2023

Dornhouse, Anna. "Evolution of Mind and Brain." (Science Lecture Series). *YouTube (Arizona)* 17 March 2010.\*

<http://www.youtube.com/watch?v=H_jODjsFt6w>

2013

Fridman Lex. "Christof Koch: Consciousness | Lex Fridman Podcast #2." Video interview. *YouTube (Lex Fridman)* 29 May 2018.\* (Artificial intelligence; Experience; Brains; Memory).

<https://youtu.be/piHkfmeU7Wo>

2022

Greenfield, Susan. "How Does the Brain Generate Consciousness?" Online lecture at *YouTube (ANU)* 19 Sept. 2010.\*

<http://youtu.be/WN5Fs6_O2mY>

2013

Gunz, Philipp. "Homo sapiens: l'espèce orpheline (4) - Jean-Jacques Hublin (2016-2017) – Origin and Evolution of the Human Brain." Lecture, 11 Oct. 2016. Video. *YouTube (Sciences de la Vie – Collège de France)* 12 Sept. 2022.\*

<https://youtu.be/H8rbJ9nIpiA>

2022

Hood, Bruce. "The Self Illusion: The Brain's Greatest Con Trick?" *YouTube (the RSA)* 5 June 2013.\*

<http://youtu.be/pdBdsqSF-bg>

Full event audio:

<http://www.thersa.org/__data/assets/file/0003/1464096/20130411ProfessorBruceHood.mp3>

2014

Hublin, Jean-Jacques. "Homo sapiens en Europe il y a 46.000 ans." Video lecture. *YouTube (Musée de l'Homme)* 3 Aug. 2022.\* (Bacho Kiro, Bulgaria; encephalization, Neanderthals).

<https://youtu.be/FDqngS77-5Q>

2022

Klein, Alexander. "Consciousness as Caring: James's Evolutionary Hypothesis." Video of the lecture. (La notion de conscience: À partir de William James, 2). *Savoirs ENS* 15 June 2017.\* (Prudence, Attention, Behaviour, Purposes, Choices, Responses; James; Huxley, Lewes; Brain; Neurology; Consciousness).

<http://savoirs.ens.fr/expose.php?id=3058>

2017

McGilchrist, Iain. "Iain McGilchrist on the Divided Brain's Impact on Our World." *YouTube (TVOBigIdeas)* 26 Oct. 2012.\*

<https://www.youtube.com/watch?v=rn1_mb1wqU0>

2015

\_\_\_\_\_. "RSA Animate – The Divided Brain." *YouTube (The RSA)* 21 Oct. 2009.\*

<http://youtu.be/dFs9WO2B8uI>

2015

\_\_\_\_\_. "We Are Living in a Deluded World." Video interview by Freddie Sayers. *YouTube (Unherd)* 28 April 2023.\* (Mind, Intuition, Reason)

<https://youtu.be/v4IeuIg9nGY>

2023

Mora, Francisco. "El yo y el cerebro." Lecture at the X Encuentros Eleusinos, 17 Jan. 2015. *YouTube (Encuentros Eleusinos)* 5 Feb. 2015.\*

<https://youtu.be/XZkdIjGzFg0>

2015

Moser, Edvard. "Space and Time in the Brain." Lecture at U Complutense. Video. *YouTube (Universidad Complutense de Madrid)* 23 May 2019.\*

<https://youtu.be/9KI2ppzcda0>

2019

Punset, Eduard, et al. "Redes 108: El cerebro construye la realidad." (Interview with Kia Nobre). *Redes para la ciencia* 30 Oct. 2011.\*

<http://www.redesparalaciencia.com/6320/redes/2011/redes-108-el-cerebro-construye-la-realidad>

2011

\_\_\_\_\_. "Redes 108: El cerebro construye la realidad." Video. RTVE. *YouTube (Eduardo Núñez)* 8 June 2014.\* (Interview with Kia Nobre).

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

2021

Punset, Eduard, et al. "La paradoja de la sabiduría." (REDES 409). *YouTube (Redes, Divulgación y Cultura)* 6 Sept. 2014.\* (Brain decay).

<https://youtu.be/Gekac1TWn60>

2016

\_\_\_\_\_. "El cerebro femenino." (REDES 434, 6 May 2007). *YouTube (Redes, Divulgación y Cultura)* 24 March 2017.\*

<https://youtu.be/jmh-lO7_xsE>

2017

Sereno, Martin. "The Origin of the Human Mind: Brain Imaging and Evolution." Video lecture. *YouTube (University of California Television (UCTV)* 22 Jan. 2008.\* (FMRI, Attention, Vision, origin of language).

<https://youtu.be/rconzwB422s>

2016

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

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

See also Neurology; Neurolinguistics; Mind; Consciousness; Skull.