

Linked regularities in the development and evolution of

Science

268, 1578-1584

DOI: [10.1126/science.7777856](https://doi.org/10.1126/science.7777856)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Stone Tools and the Linguistic Capabilities of Earlier Hominids. Cambridge Archaeological Journal, 1995, 5, 245-256.	0.6	8
2	Cell differentiation. Current Opinion in Cell Biology, 1995, 7, 901-914.	2.6	1
3	The cortex. Trends in Neurosciences, 1995, 18, 371-372.	4.2	14
4	Neocortex size and behavioural ecology in primates. Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 173-177.	1.2	225
5	Distinctions between hippocampus of mouse and rat: protein F1/GAP-43 gene expression, promoter activity, and spatial memory. Molecular Brain Research, 1996, 40, 177-187.	2.5	56
6	Regulation of Normal Proliferation in the Developing Cerebrum Potential Actions of Trophic Factors. Experimental Neurology, 1996, 137, 357-366.	2.0	10
7	The Leaving or Q Fraction of the Murine Cerebral Proliferative Epithelium: A General Model of Neocortical Neurogenesis. Journal of Neuroscience, 1996, 16, 6183-6196.	1.7	311
8	Genetic and Environmental Control of Variation in Retinal Ganglion Cell Number in Mice. Journal of Neuroscience, 1996, 16, 7193-7205.	1.7	186
9	Evolution of GABAergic circuitry in the mammalian medial geniculate body.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3083-3087.	3.3	125
10	Galton Lecture: Behaviour genetic studies of intelligence, yesterday and today: the long journey from plausibility to proof. Journal of Biosocial Science, 1996, 28, 527-555.	0.5	20
11	The evolution of body mass and relative brain size in fossil hominids. Journal of Human Evolution, 1996, 30, 243-276.	1.3	266
12	COGNITIVE THEISM: SOURCES OF ACCOMMODATION BETWEEN SECULARISM AND RELIGION. Zygon, 1996, 31, 157-207.	0.2	5
13	The Possible Role of Long-Chain, Omega-3 Fatty Acids in Human Brain Phylogeny. Perspectives in Biology and Medicine, 1996, 39, 436-445.	0.3	36
14	The topological inventions of life: From the specialization of multicellular colonies to the functioning of the vertebrate brain. World Futures, 1997, 50, 617-631.	0.8	3
15	Deconstructing neural constructivism. Behavioral and Brain Sciences, 1997, 20, 576-577.	0.4	4
16	Constraints on the construction of cognition. Behavioral and Brain Sciences, 1997, 20, 569-570.	0.4	1
17	Chapter IV The primate locus coeruleus: the chemical neuroanatomy of the nucleus, its efferent projections, and its target receptors. Handbook of Chemical Neuroanatomy, 1997, , 187-215.	0.3	8
18	WHAT MAKES THE HUMAN BRAIN DIFFERENT?. Annual Review of Anthropology, 1997, 26, 337-357.	0.4	43

#	ARTICLE	IF	CITATIONS
19	PATTERNING AND SPECIFICATION OF THE CEREBRAL CORTEX. Annual Review of Neuroscience, 1997, 20, 1-24.	5.0	122
20	When Will The Biology of Aging Become Useful? Future Landmarks in Biomedical Gerontology. Journal of the American Geriatrics Society, 1997, 45, 1258-1267.	1.3	30
21	The Organization of Human Language Cortex: Special Adaptation or Common Cortical Design?. Neuroscientist, 1997, 3, 61-72.	2.6	9
22	Emergence of Novel Functions during Brain Evolution. BioScience, 1997, 47, 341-354.	2.2	32
23	Modification of tonotopic representation in the auditory system during development. Progress in Neurobiology, 1997, 51, 1-17.	2.8	37
24	How to build a brain: Multiple memory systems have evolved and only some of them are constructivist. Behavioral and Brain Sciences, 1997, 20, 558-559.	0.4	3
25	Processing limitations can help neural growth build hierarchical representations. Behavioral and Brain Sciences, 1997, 20, 566-567.	0.4	0
26	Neural construction: Two and a half cheers for Quartz & Sejnowski!. Behavioral and Brain Sciences, 1997, 20, 573-573.	0.4	0
27	Constructivism: Can directed mutation improve on classical neural selection?. Behavioral and Brain Sciences, 1997, 20, 574-575.	0.4	0
28	Neural constraints on cognitive modularity?. Behavioral and Brain Sciences, 1997, 20, 575-576.	0.4	4
29	Neural constructivism: How mammals make modules. Behavioral and Brain Sciences, 1997, 20, 556-557.	0.4	33
30	Neurotrophic factors, neuronal selectionism, and neuronal proliferation. Behavioral and Brain Sciences, 1997, 20, 561-562.	0.4	1
31	Controversies and issues in developmental theories of mind: Some constructive remarks. Behavioral and Brain Sciences, 1997, 20, 578-588.	0.4	1
32	From neural constructivism to children's cognitive development: Bridging the gap. Behavioral and Brain Sciences, 1997, 20, 571-572.	0.4	3
33	Learning is remembering. Behavioral and Brain Sciences, 1997, 20, 577-578.	0.4	0
34	Radical empiricism is not constructive. Behavioral and Brain Sciences, 1997, 20, 563-564.	0.4	1
36	In defense of learning by selection: Neurobiological and behavioral evidence revisited. Behavioral and Brain Sciences, 1997, 20, 560-561.	0.4	10
37	Evolution might select constructivism. Behavioral and Brain Sciences, 1997, 20, 567-568.	0.4	3

#	ARTICLE	IF	CITATIONS
38	More mathematics: Bodily-kinaesthetic intelligence. Behavioral and Brain Sciences, 1997, 20, 572-572.	0.4	0
39	Neural models of development and learning. Behavioral and Brain Sciences, 1997, 20, 566-566.	0.4	1
40	The right way, the wrong way, and the army way: A dendritic parable. Behavioral and Brain Sciences, 1997, 20, 575-575.	0.4	0
41	So many problems, so little time: Evolution and the dendrite. Behavioral and Brain Sciences, 1997, 20, 564-565.	0.4	0
42	Cortical development: A progressive and selective mesh, with or without constructivism. Behavioral and Brain Sciences, 1997, 20, 570-571.	0.4	2
43	The neural basis of cognitive development: A constructivist manifesto. Behavioral and Brain Sciences, 1997, 20, 537-556.	0.4	1,033
44	Is the learning paradox resolved?. Behavioral and Brain Sciences, 1997, 20, 573-574.	0.4	11
45	Irresistible environment meets immovable neurons. Behavioral and Brain Sciences, 1997, 20, 565-566.	0.4	0
46	“Differentiationism” can reconcile selectionism and constructivism. Behavioral and Brain Sciences, 1997, 20, 568-569.	0.4	1
47	Constraining the brain: The role of developmental psychology in developmental cognitive neuroscience. Behavioral and Brain Sciences, 1997, 20, 562-563.	0.4	1
48	Constructivism, nativism, and explanatory adequacy. Behavioral and Brain Sciences, 1997, 20, 557-558.	0.4	4
49	Learning, development, and synaptic plasticity: The avian connection. Behavioral and Brain Sciences, 1997, 20, 559-560.	0.4	0
50	Changes in multiple brain regions underlie species differences in a complex, congenital behavior. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 2001-2006.	3.3	64
51	Dynamical learning algorithms for neural networks and neural constructivism. Behavioral and Brain Sciences, 1997, 20, 559-559.	0.4	0
52	A tension-based theory of morphogenesis and compact wiring in the central nervous system. Nature, 1997, 385, 313-318.	13.7	1,527
53	Synaptogenesis, heterochrony and epigenesis in the mammalian neocortex. Acta Paediatrica, International Journal of Paediatrics, 1997, 86, 27-33.	0.7	187
54	Experience Producing Drive Theory: how genes drive experience and shape personality. Acta Paediatrica, International Journal of Paediatrics, 1997, 86, 60-64.	0.7	52
55	Comparison of Development and Life History in Pan and Cebus. International Journal of Primatology, 1997, 18, 683-701.	0.9	52

#	ARTICLE	IF	CITATIONS
56	Development of primary visual projections occurs entirely postnatally in the fat-tailed dunnart, a marsupial mouse, <i>Sminthopsis crassicaudata</i> . , 1997, 384, 26-40.		24
58	Molecular Complementarity I: the Complementarity Theory of the Origin and Evolution of Life. <i>Journal of Theoretical Biology</i> , 1997, 188, 447-479.	0.8	105
59	A critical period for reduced brain vulnerability to developmental injury. <i>Developmental Brain Research</i> , 1998, 105, 325-337.	2.1	14
60	The social brain hypothesis. , 1998, 6, 178-190.		1,832
61	Evolution of human growth prolongation. <i>American Journal of Physical Anthropology</i> , 1998, 107, 331-350.	2.1	64
62	Separate Progenitors for Radial and Tangential Cell Dispersion during Development of the Cerebral Neocortex. <i>Neuron</i> , 1998, 21, 295-304.	3.8	222
63	A critical maturational period of reduced brain vulnerability to developmental injury. <i>Developmental Brain Research</i> , 1998, 105, 309-324.	2.1	29
64	The Juvenilized Ape Myth: Our "Overdeveloped" Brain. <i>BioScience</i> , 1998, 48, 109-116.	2.2	22
65	Visual specialization and brain evolution in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1933-1937.	1.2	237
66	Consciousness, symbols and aesthetics: A just-eso story and its implications in Susanne Langer's <i>Mind: An essay on human feeling</i> . <i>Philosophical Psychology</i> , 1998, 11, 45-66.	0.5	2
67	Patterns of Vertebrate Neurogenesis and the Paths of Vertebrate Evolution. <i>Brain, Behavior and Evolution</i> , 1998, 52, 232-242.	0.9	175
68	Evolution of the Cerebellum in Primates: Differences in Relative Volume among Monkeys, Apes and Humans. <i>Brain, Behavior and Evolution</i> , 1998, 52, 308-314.	0.9	135
69	Chapter 1 Developmental instability and phenotypic variation in neural organization. <i>Advances in Psychology</i> , 1998, 125, 1-51.	0.1	11
70	THE INTERFACE OF FUNCTION, GENES, DEVELOPMENT AND EVOLUTION: INSIGHTS FROM PRIMATE MORPHOMETRICS. , 1998, , 85-119.		2
71	Heterochrony and allometry: the analysis of evolutionary change in ontogeny. <i>Biological Reviews</i> , 1998, 73, 79-123.	4.7	549
72	Prenatal availability of choline modifies development of the hippocampal cholinergic system. <i>FASEB Journal</i> , 1998, 12, 349-357.	0.2	120
73	Natural Variation in Neuron Number in Mice Is Linked to a Major Quantitative Trait Locus on Chr 11. <i>Journal of Neuroscience</i> , 1998, 18, 138-146.	1.7	120
74	Brain Size Is Not Correlated with Forelimb Dexterity in Fissiped Carnivores (Carnivora): A Comparative Test of the Principle of Proper Mass. <i>Brain, Behavior and Evolution</i> , 1999, 54, 167-180.	0.9	43

#	ARTICLE	IF	CITATIONS
75	Kleemeier Award Lecture: Are There Genes for Aging?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 1999, 54, B297-B307.	1.7	102
76	The scaling of basicranial flexion and length. Journal of Human Evolution, 1999, 37, 701-719.	1.3	50
77	Bolkian and Bokian retardation in Homo sapiens. , 1999, 47, 7-28.		4
78	Sex and species differences in mouse and rat forebrain commissures depend on the method of adjusting for brain size. Brain Research, 1999, 815, 358-366.	1.1	49
79	The evolution of neuronal circuits underlying species-specific behavior. Current Opinion in Neurobiology, 1999, 9, 628-633.	2.0	187
80	Cranial capacity and performance on delay-response task correlated with principal sulcus length in monkeys. , 1999, 109, 33-40.		2
81	Neural development in metatherian and eutherian mammals: Variation and constraint. Journal of Comparative Neurology, 1999, 411, 359-368.	0.9	139
82	Evolution of Time Coding Systems. Neural Computation, 1999, 11, 1-20.	1.3	84
83	Cellular distribution of the calcium-binding proteins parvalbumin, calbindin, and calretinin in the neocortex of mammals: phylogenetic and developmental patterns. Journal of Chemical Neuroanatomy, 1999, 16, 77-116.	1.0	381
84	How did the human brain evolve? a proposal based on new evidence from in vivo brain imaging during attention and ideation. Brain Research Bulletin, 1999, 50, 149-165.	1.4	42
85	Magnetic resonance imaging brain size/IQ relations in Turkish University students. Intelligence, 1999, 27, 83-92.	1.6	35
86	Heterochrony: beyond words. Paleobiology, 1999, 25, 149-153.	1.3	43
87	Brain ontogeny and ecomorphology in bats. , 2000, , 93-136.		12
89	Is there an evolutionary mismatch between the normal physiology of the human dopaminergic system and current environmental conditions in industrialized countries?. Molecular Psychiatry, 2000, 5, 467-475.	4.1	48
90	Mosaic evolution of brain structure in mammals. Nature, 2000, 405, 1055-1058.	13.7	812
91	The temporal response of the brain after eating revealed by functional MRI. Nature, 2000, 405, 1058-1062.	13.7	266
92	The course of human events: predicting the timing of primate neural development. Developmental Science, 2000, 3, 57-66.	1.3	110
93	Establishment and characterization of immortalized hippocampal neural precursor cell lines. Cytotechnology, 2000, 33, 53-61.	0.7	1

#	ARTICLE	IF	CITATIONS
94	Comparative Mental Development. Journal of Adult Development, 2000, 7, 23-30.	0.8	1
95	Why is Brain Size so Important: Design Problems and Solutions as Neocortex Gets Bigger or Smaller. Brain and Mind, 2000, 1, 7-23.	0.6	212
96	Early hominid brain evolution: a new look at old endocasts. Journal of Human Evolution, 2000, 38, 695-717.	1.3	169
97	The brain and its main anatomical subdivisions in living hominoids using magnetic resonance imaging. Journal of Human Evolution, 2000, 38, 317-332.	1.3	290
98	Prolegomenon for a hypothesis on music as expression of an evolutionary early homeostatic feedback-mechanism. A biomusicological proposal. Human Evolution, 2000, 15, 199-242.	2.0	1
99	Taking the Measure of Diversity: Comparative Alternatives to the Model-Animal Paradigm in Cortical Neuroscience. Brain, Behavior and Evolution, 2000, 55, 287-299.	0.9	122
100	Neurogenesis and the Evolution of Cortical Diversity: Mode, Tempo, and Partitioning during Development and Persistence in Adulthood. Brain, Behavior and Evolution, 2000, 55, 336-344.	0.9	55
101	Relative Volume of the Cerebellum in Dolphins and Comparison with Anthropoid Primates. Brain, Behavior and Evolution, 2000, 56, 204-211.	0.9	55
102	Development of the auditory brainstem of birds: comparison between barn owls and chickens. Hearing Research, 2000, 147, 1-20.	0.9	73
103	Cortical Layer VII and Persistent Subplate Cells in Mammalian Brains. Brain, Behavior and Evolution, 2000, 56, 212-234.	0.9	82
104	Translating developmental time across mammalian species. Neuroscience, 2001, 105, 7-17.	1.1	1,137
105	Natural selection of mammalian brain components. Trends in Ecology and Evolution, 2001, 16, 471-473.	4.2	17
106	Advances in the study of hominoid brain evolution: magnetic resonance imaging (MRI) and 3-D reconstruction. , 2001, , 257-289.		8
107	Changes in perinatal conditions selected for neonatal immaturity. Behavioral and Brain Sciences, 2001, 24, 291-292.	0.4	0
108	Developmental structure in brain evolution. Behavioral and Brain Sciences, 2001, 24, .	0.4	37
109	Encephalization and its developmental structure: how many ways can a brain get big?. , 2001, , 14-29.		14
110	Brain evolution: A matter of constraints and permissions?. Behavioral and Brain Sciences, 2001, 24, 284-286.	0.4	1
111	The time when the "Tomte" of evolution was playing with time. Behavioral and Brain Sciences, 2001, 24, 287-287.	0.4	2

#	ARTICLE	IF	CITATIONS
112	What determines evolutionary brain growth?. Behavioral and Brain Sciences, 2001, 24, 278-279.	0.4	17
113	Brain allometry: Correlated variation in cytoarchitectonics and neurochemistry?. Behavioral and Brain Sciences, 2001, 24, 297-298.	0.4	0
114	Cetaceans would be an interesting comparison group. Behavioral and Brain Sciences, 2001, 24, 290-291.	0.4	0
115	Brain scaling, behavioral ability, and human evolution. Behavioral and Brain Sciences, 2001, 24, 293-295.	0.4	12
116	Brain energetics and evolution. Behavioral and Brain Sciences, 2001, 24, 280-281.	0.4	9
117	The coordinated structure of mosaic brain evolution. Behavioral and Brain Sciences, 2001, 24, 281-282.	0.4	40
118	Confounding explanations. . . . Behavioral and Brain Sciences, 2001, 24, 283-283.	0.4	7
119	Bigger is better: primate brain size in relationship to cognition. , 2001, , 79-97.		37
120	Constraint and adaptation in primate brain evolution. Behavioral and Brain Sciences, 2001, 24, 295-296.	0.4	0
121	Brain evolution: How constrained is it?. Behavioral and Brain Sciences, 2001, 24, 296-297.	0.4	3
122	The spandrel may be related to culture not brain function. Behavioral and Brain Sciences, 2001, 24, 288-288.	0.4	1
124	Variability in the sizes of brain parts. Behavioral and Brain Sciences, 2001, 24, 288-290.	0.4	55
125	Quantitative neurogenetic perspectives. Behavioral and Brain Sciences, 2001, 24, 279-280.	0.4	3
126	D'Arcy Wentworth Thompson, interindividual variation, and postnatal neuronal growth. Behavioral and Brain Sciences, 2001, 24, 284-284.	0.4	2
127	Flaws in evolutionary theory and interpretation. Behavioral and Brain Sciences, 2001, 24, 282-283.	0.4	3
128	Allometric departures for the human brain provide insights into hominid brain evolution. Behavioral and Brain Sciences, 2001, 24, 292-293.	0.4	2
129	Genetic Control of the Mouse Cerebellum: Identification of Quantitative Trait Loci Modulating Size and Architecture. Journal of Neuroscience, 2001, 21, 5099-5109.	1.7	74
130	Brain Volume, Intracranial Volume, and Dementia. Investigative Radiology, 2001, 36, 539-546.	3.5	67

#	ARTICLE	IF	CITATIONS
131	Does allometry mask important brain structure residuals relevant to species-specific behavioral evolution?. Behavioral and Brain Sciences, 2001, 24, 286-287.	0.4	17
132	The discovery of cerebral diversity: an unwelcome scientific revolution. , 2001, , 138-164.		44
133	Neocortex size and social network size in primates. Animal Behaviour, 2001, 62, 711-722.	0.8	304
134	Genetic dissection of the olfactory bulbs of mice: QTLs on four chromosomes modulate bulb size. Behavior Genetics, 2001, 31, 61-77.	1.4	59
135	Evolutionary radiations and convergences in the structural organization of mammalian brains. Nature, 2001, 409, 710-714.	13.7	242
136	Neurons derived from radial glial cells establish radial units in neocortex. Nature, 2001, 409, 714-720.	13.7	1,752
137	Regulating proliferation during retinal development. Nature Reviews Neuroscience, 2001, 2, 333-342.	4.9	220
138	Scalable architecture in mammalian brains. Nature, 2001, 411, 189-193.	13.7	260
139	An evolutionary scaling law for the primate visual system and its basis in cortical function. Nature, 2001, 411, 193-195.	13.7	109
140	Interocular rivalry revealed in the human cortical blind-spot representation. Nature, 2001, 411, 195-199.	13.7	411
141	Evolving ideas of brain evolution. Nature, 2001, 411, 141-142.	13.7	23
142	The Indonesian valve. Nature, 2001, 411, 142-143.	13.7	3
143	Functional brain development in humans. Nature Reviews Neuroscience, 2001, 2, 475-483.	4.9	911
145	Hominid brain expansion and reproductive success. Behavioral and Brain Sciences, 2001, 24, 290-290.	0.4	1
146	Do big-brained animals play more? Comparative analyses of play and relative brain size in mammals.. Journal of Comparative Psychology (Washington, D C: 1983), 2001, 115, 29-41.	0.3	85
148	Quantitative Genetic Modeling of Variation in Human Brain Morphology. Cerebral Cortex, 2001, 11, 816-824.	1.6	276
149	Quantitative Architecture Distinguishes Prefrontal Cortical Systems in the Rhesus Monkey. Cerebral Cortex, 2001, 11, 975-988.	1.6	225
150	A Comparative Analysis of Relative Brain Size in Waterfowl (Anseriformes). Brain, Behavior and Evolution, 2001, 57, 87-97.	0.9	44

#	ARTICLE	IF	CITATIONS
151	Developmental structure in brain evolution. Behavioral and Brain Sciences, 2001, 24, 263-278.	0.4	452
152	Regulation of Cerebral Cortical Size by Control of Cell Cycle Exit in Neural Precursors. Science, 2002, 297, 365-369.	6.0	1,303
153	A Comparative Analysis of Brain Size in Relation to Foraging Ecology and Phylogeny in the Chiroptera. Brain, Behavior and Evolution, 2002, 60, 165-180.	0.9	107
154	EPENDORF & SCIENCE PRIZE: ESSAYS ON SCIENCE AND SOCIETY: Making a Bigger Brain by Regulating Cell Cycle Exit. Science, 2002, 298, 766-767.	6.0	7
155	Social intelligence, innovation, and enhanced brain size in primates. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4436-4441.	3.3	1,029
156	The Intelligent Genome. , 2002, , .		6
157	Why Are Olfactory Systems of Different Animals So Similar?. Brain, Behavior and Evolution, 2002, 59, 273-293.	0.9	125
158	Evolution of Human Intelligence: The Roles of Brain Size and Mental Construction. Brain, Behavior and Evolution, 2002, 59, 10-20.	0.9	104
159	Reflexive empathy: On predicting more than has ever been observed. Behavioral and Brain Sciences, 2002, 25, 24-25.	0.4	21
160	Distinctions among various modes of empathy-related reactions: A matter of importance in humans. Behavioral and Brain Sciences, 2002, 25, 33-34.	0.4	22
161	Empathy: A unitary circuit or a set of dissociable neuro-cognitive systems?. Behavioral and Brain Sciences, 2002, 25, 27-28.	0.4	4
162	Adaptation for, exaptation as. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
163	Adaptationism â€“ how to carry out an exaptationist program. Behavioral and Brain Sciences, 2002, 25, 489-504; discussion 504-53.	0.4	247
164	Understanding Vertebrate Brain Evolution. Integrative and Comparative Biology, 2002, 42, 743-756.	0.9	204
165	INCREMENTAL LEARNING IN BIOLOGICAL AND MACHINE LEARNING SYSTEMS. International Journal of Neural Systems, 2002, 12, 447-465.	3.2	19
166	Evolutionary ecology of spoken language: Co-evolutionary hypotheses are testable. World Archaeology, 2002, 34, 26-46.	0.5	30
167	Evolutionary divergence of the reptilian and the mammalian brains: considerations on connectivity and development. Brain Research Reviews, 2002, 39, 141-153.	9.1	75
168	Empathy: Its ultimate and proximate bases. Behavioral and Brain Sciences, 2002, 25, 1-20.	0.4	3,319

#	ARTICLE	IF	CITATIONS
169	Developmental Changes Underlying the Formation of the Specialized Time Coding Circuits in Barn Owls (<i>Tyto alba</i>). <i>Journal of Neuroscience</i> , 2002, 22, 7671-7679.	1.7	31
170	Identifying adaptation by dysfunction. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
171	The evidentiary standard of special design is a little bit like heaven. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	1
172	Empathy as a special case of emotional mediation of social behavior. <i>Behavioral and Brain Sciences</i> , 2002, 25, 23-24.	0.4	7
173	Hyperbolic discounting lets empathy be a motivated process. <i>Behavioral and Brain Sciences</i> , 2002, 25, 20-21.	0.4	145
174	Various kinds of empathy as revealed by the developing child, not the monkey's brain. <i>Behavioral and Brain Sciences</i> , 2002, 25, 45-46.	0.4	4
175	Adaptationism, exaptationism, and evolutionary behavioral science. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	10
176	Empathy: Each is in the right " hopefully, not all in the wrong. <i>Behavioral and Brain Sciences</i> , 2002, 25, 49-71.	0.4	10
177	Where are all the genes?. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	1
178	Too early for a neuropsychology of empathy. <i>Behavioral and Brain Sciences</i> , 2002, 25, 32-33.	0.4	17
179	Troubles with exaptationism. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	1
180	The importance of comparative and phylogenetic analyses in the study of adaptation. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	6
181	Modest adaptationism: Muddling through cognition and language. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	6
182	A straw man on a dead horse: Studying adaptation then and now. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
183	Ontology is the problem. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
184	Towards an evolutionary pluralism? The need to establish evidentiary standards and avoid reification of assumptions. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
185	When is a trait an adaptation?. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
186	Allocating presumptions. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0

#	ARTICLE	IF	CITATIONS
187	â€œJust not so storiesâ€: Exaptations, spandrels, and constraints. Behavioral and Brain Sciences, 2002, 25, .	0.4	5
188	Adaptationism and inference to the best explanation. Behavioral and Brain Sciences, 2002, 25, .	0.4	6
189	Yes, but it was never just about the science. Behavioral and Brain Sciences, 2002, 25, .	0.4	1
190	The mirror matching system: A shared manifold for intersubjectivity. Behavioral and Brain Sciences, 2002, 25, 35-36.	0.4	36
191	The role of empathy in the formation and maintenance of social bonds. Behavioral and Brain Sciences, 2002, 25, 21-22.	0.4	77
192	Lack of evidentiary criteria for exaptations?. Behavioral and Brain Sciences, 2002, 25, .	0.4	1
193	The Perception-Action Model of empathy and psychopathic â€œcold-heartednessâ€: Behavioral and Brain Sciences, 2002, 25, 42-43.	0.4	2
194	Perception-action links and the evolution of human speech exchange. Behavioral and Brain Sciences, 2002, 25, 47-48.	0.4	2
195	Musings on the concept of exaptation and â€œcreationismâ€: Behavioral and Brain Sciences, 2002, 25, .	0.4	2
196	Understanding other's emotions: From affective resonance to empathic action. Behavioral and Brain Sciences, 2002, 25, 44-45.	0.4	2
197	Psychobiological basis of empathy. Behavioral and Brain Sciences, 2002, 25, 46-47.	0.4	1
198	Phylogenetics and the aptationist program. Behavioral and Brain Sciences, 2002, 25, .	0.4	7
199	Why specific design is not the mark of the adaptational. Behavioral and Brain Sciences, 2002, 25, .	0.4	1
200	Development: The missing link between exaptationist and adaptationist accounts of organismal design. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
201	Does past selective efficacy matter to psychology?. Behavioral and Brain Sciences, 2002, 25, .	0.4	1
202	A complete theory of empathy must consider stage changes. Behavioral and Brain Sciences, 2002, 25, 30-31.	0.4	26
203	Emotion: The relation between breadth of definition and explanatory power. Behavioral and Brain Sciences, 2002, 25, 37-38.	0.4	0
204	Peers, cooperative play, and the development of empathy in children. Behavioral and Brain Sciences, 2002, 25, 28-29.	0.4	16

#	ARTICLE	IF	CITATIONS
205	Is empirical imagination a constraint on adaptationist theory construction?. Behavioral and Brain Sciences, 2002, 25, .	0.4	2
206	Empathy, simulation, and PAM. Behavioral and Brain Sciences, 2002, 25, 37-37.	0.4	1
207	The fuzzy zone between exaptation and phenotypic adaptation. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
208	Emotion-specific clues to the neural substrate of empathy. Behavioral and Brain Sciences, 2002, 25, 22-23.	0.4	2
209	Evolutionary analyses should include pluralistic and falsifiable hypotheses. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
210	Empathy: Common sense, science sense, wolves, and well-being. Behavioral and Brain Sciences, 2002, 25, 26-27.	0.4	8
211	Empathy and the action-perception resonances of basic socio-emotional systems of the brain. Behavioral and Brain Sciences, 2002, 25, 43-44.	0.4	26
212	Adaptationism and molecular biology: An example based on ADHD. Behavioral and Brain Sciences, 2002, 25, .	0.4	6
213	There is no evidentiary silver bullet for the frequency adaptation hypothesis. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
214	Use of phylogenetic analysis to distinguish adaptation from exaptation. Behavioral and Brain Sciences, 2002, 25, .	0.4	5
215	Developmental processes in empathy. Behavioral and Brain Sciences, 2002, 25, 25-26.	0.4	1
216	Cognitive empathy presupposes self-awareness: Evidence from phylogeny, ontogeny, neuropsychology, and mental illness. Behavioral and Brain Sciences, 2002, 25, 36-37.	0.4	50
217	It's adaptations all the way down. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
218	Special design's centuries of success. Behavioral and Brain Sciences, 2002, 25, .	0.4	1
219	Similarity versus familiarity: When empathy becomes selfish. Behavioral and Brain Sciences, 2002, 25, 41-41.	0.4	3
220	Caregiving, emotion, and concern for others. Behavioral and Brain Sciences, 2002, 25, 48-49.	0.4	6
221	Are all bases covered?. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
222	Emotional and cognitive processing in empathy and moral behavior. Behavioral and Brain Sciences, 2002, 25, 34-35.	0.4	12

#	ARTICLE	IF	CITATIONS
223	How automatic and representational is empathy, and why. Behavioral and Brain Sciences, 2002, 25, 38-39.	0.4	35
224	Mirror neurons, the insula, and empathy. Behavioral and Brain Sciences, 2002, 25, 39-40.	0.4	16
225	From exploration to justification: The importance of "special design" evidence. Behavioral and Brain Sciences, 2002, 25, .	0.4	0
226	Deconstructing empathy. Behavioral and Brain Sciences, 2002, 25, 31-32.	0.4	2
227	Elucidation of the brain correlates of cognitive empathy and self-awareness. Behavioral and Brain Sciences, 2002, 25, 40-41.	0.4	1
228	Understanding the imitation deficit in autism may lead to a more specific model of autism as an empathy disorder. Behavioral and Brain Sciences, 2002, 25, 29-30.	0.4	7
229	Empathy requires the development of the self. Behavioral and Brain Sciences, 2002, 25, 42-42.	0.4	8
230	Normal neuroanatomical variation in the human brain: An MRI-volumetric study. American Journal of Physical Anthropology, 2002, 118, 341-358.	2.1	293
231	Using the Volumetric Indices of Telencephalic Structures to Distinguish Salamandridae and Plethodontidae : Comparison of Three Statistical Methods. Journal of Theoretical Biology, 2002, 214, 427-439.	0.8	8
232	Clinical, imaging, lesion, and genetic approaches toward a model of cognitive control. Developmental Psychobiology, 2002, 40, 237-254.	0.9	254
233	How did brains evolve?. Nature, 2002, 415, 134-135.	13.7	28
234	Cortical liars. Nature, 2002, 417, 605-606.	13.7	14
235	Toughened metal. Nature, 2002, 417, 606-606.	13.7	1
236	Humans and great apes share a large frontal cortex. Nature Neuroscience, 2002, 5, 272-276.	7.1	519
237	Brain and cognitive evolution: Forms of modularity and functions of mind.. Psychological Bulletin, 2002, 128, 667-698.	5.5	241
238	Frontal lobe and cognitive development. Journal of Neurocytology, 2002, 31, 373-385.	1.6	683
239	The evolution of the cortico-cerebellar complex in primates: anatomical connections predict patterns of correlated evolution. Journal of Human Evolution, 2003, 44, 3-10.	1.3	122
240	The specialized structure of human language cortex: Pyramidal cell size asymmetries within auditory and language-associated regions of the temporal lobes. Brain and Language, 2003, 86, 226-242.	0.8	89

#	ARTICLE	IF	CITATIONS
241	Genetic and environmental influences on human psychological differences. <i>Journal of Neurobiology</i> , 2003, 54, 4-45.	3.7	714
242	The Social Brain: Mind, Language, and Society in Evolutionary Perspective. <i>Annual Review of Anthropology</i> , 2003, 32, 163-181.	0.4	808
244	Infants perceiving and acting on the eyes: Tests of an evolutionary hypothesis. <i>Journal of Experimental Child Psychology</i> , 2003, 85, 199-212.	0.7	158
245	Constructing the mammalian neocortex: the role of intrinsic factors. <i>Developmental Biology</i> , 2003, 257, 221-232.	0.9	30
247	Nature versus nurture revisited: an old idea with a new twist. <i>Progress in Neurobiology</i> , 2003, 70, 33-52.	2.8	107
248	The evolution of mammalian cortex, from lamination to arealization. <i>Brain Research Bulletin</i> , 2003, 60, 387-393.	1.4	38
249	The Fragility of Evolution: Part Two. <i>World Futures</i> , 2003, 59, 495-534.	0.8	1
250	The evolutionary origin of the mammalian isocortex: Towards an integrated developmental and functional approach. <i>Behavioral and Brain Sciences</i> , 2003, 26, 535-552.	0.4	142
252	Change of conduction velocity by regional myelination yields constant latency irrespective of distance between thalamus and cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6174-6179.	3.3	261
253	Increased Neuronal Production, Enlarged Forebrains and Cytoarchitectural Distortions in beta-Catenin Overexpressing Transgenic Mice. <i>Cerebral Cortex</i> , 2003, 13, 599-606.	1.6	243
254	The Homeodomain Proteins Prox1, Six3 and Chx10 Regulate Proliferation, Cell Fate Specification and Differentiation in the Developing Retina. <i>Cell Cycle</i> , 2003, 2, 347-354.	1.3	65
255	Dissociations of cerebral cortex, subcortical and cerebral white matter volumes in autistic boys. <i>Brain</i> , 2003, 126, 1182-1192.	3.7	442
256	Discontinuous Variability of Brain Composition among Domestic Chicken Breeds. <i>Brain, Behavior and Evolution</i> , 2003, 61, 59-69.	0.9	24
257	Paleoecology and the overlap of homeotic genes for isocortex evolution. <i>Behavioral and Brain Sciences</i> , 2003, 26, 555-556.	0.4	1
258	Reptilian cortex and mammalian neocortex early developmental homologies. <i>Behavioral and Brain Sciences</i> , 2003, 26, 560-561.	0.4	0
259	Biocultural orchestration of developmental plasticity across levels: The interplay of biology and culture in shaping the mind and behavior across the life span.. <i>Psychological Bulletin</i> , 2003, 129, 171-194.	5.5	258
260	Relevance of medial and dorsal cortex function to the dorsalization hypothesis. <i>Behavioral and Brain Sciences</i> , 2003, 26, 566-567.	0.4	4
261	Conserved functional organization of the amniote telencephalic pallium. <i>Behavioral and Brain Sciences</i> , 2003, 26, 568-569.	0.4	1

#	ARTICLE	IF	CITATIONS
262	From axis to triangle: The role of orbital cortex. Behavioral and Brain Sciences, 2003, 26, 552-553.	0.4	25
263	Cranial factors in neocortical evolution. Behavioral and Brain Sciences, 2003, 26, 566-566.	0.4	3
264	The use and abuse of developmental data. Behavioral and Brain Sciences, 2003, 26, 565-566.	0.4	8
265	Avian and mammalian hippocampus: No degrees of freedom in evolution of function. Behavioral and Brain Sciences, 2003, 26, 554-555.	0.4	3
266	The data do not support the hypothesis. Behavioral and Brain Sciences, 2003, 26, 567-568.	0.4	0
267	The third alternative: Duplication of collopallium in isocortical evolution. Behavioral and Brain Sciences, 2003, 26, 553-554.	0.4	0
268	Mesozoic mammals and early mammalian brain diversity. Behavioral and Brain Sciences, 2003, 26, 556-557.	0.4	3
269	Toward the answer, but still far to go. Behavioral and Brain Sciences, 2003, 26, 569-570.	0.4	0
270	Reshuffling or inventing prosomeres: Expensive radiation or expensive neural tissue?. Behavioral and Brain Sciences, 2003, 26, 564-565.	0.4	0
271	An interdisciplinary approach to brain evolution: A long due debate. Behavioral and Brain Sciences, 2003, 26, 572-576.	0.4	1
272	More dorsal cortex, yes, but what flavor?. Behavioral and Brain Sciences, 2003, 26, 571-572.	0.4	0
273	Occam's razor and the collothalamic projection. Behavioral and Brain Sciences, 2003, 26, 558-559.	0.4	2
274	Cortical evolution: No expansion without organization. Behavioral and Brain Sciences, 2003, 26, 570-571.	0.4	0
275	The dorsal thalamic connection in the origin of the isocortex. Behavioral and Brain Sciences, 2003, 26, 557-558.	0.4	1
276	Histogenetic divisions, developmental mechanisms, and cortical evolution. Behavioral and Brain Sciences, 2003, 26, 563-564.	0.4	1
277	Insulin Receptor Substrate-2 Deficiency Impairs Brain Growth and Promotes Tau Phosphorylation. Journal of Neuroscience, 2003, 23, 7084-7092.	1.7	434
278	The evolution of neural dynamics permitting isocortical-limbic-motor communication. Behavioral and Brain Sciences, 2003, 26, 559-560.	0.4	2
279	The origin of the amniote sensory and motor cortices. Behavioral and Brain Sciences, 2003, 26, 561-563.	0.4	4

#	ARTICLE	IF	CITATIONS
280	Are the DTI results positive evidence for George Bernard Shaw's view?. Behavioral and Brain Sciences, 2004, 27, 866-866.	0.4	0
281	Language and asymmetry versus the social brain – where are the testable predictions?. Behavioral and Brain Sciences, 2004, 27, 857-858.	0.4	1
282	Evolutionary theories of schizophrenia must ultimately explain the genes that predispose to it. Behavioral and Brain Sciences, 2004, 27, 861-862.	0.4	12
283	Cliff-edged fitness functions and the persistence of schizophrenia. Behavioral and Brain Sciences, 2004, 27, 862-863.	0.4	79
284	Natural selection and schizophrenia. Behavioral and Brain Sciences, 2004, 27, 865-866.	0.4	34
285	Understanding the symptoms of “schizophrenia” in evolutionary terms. Behavioral and Brain Sciences, 2004, 27, 857-857.	0.4	1
286	Auditory hallucinations, network connectivity, and schizophrenia. Behavioral and Brain Sciences, 2004, 27, 860-861.	0.4	57
287	Elaborating the social brain hypothesis of schizophrenia. Behavioral and Brain Sciences, 2004, 27, 868-885.	0.4	4
288	Some ethological perspectives on the fitness consequences and social emotional symptoms of schizophrenia. Behavioral and Brain Sciences, 2004, 27, 867-867.	0.4	2
289	Threat, safeness, and schizophrenia: Hidden issues in an evolutionary story. Behavioral and Brain Sciences, 2004, 27, 858-859.	0.4	4
290	Organ structure, function, and behavior. , 2004, , 97-98.		0
291	Convergent evolution in brain “shape” and locomotion in primates. , 2004, , 206-226.		1
292	Primate diversity and evolution. , 2004, , 351-352.		0
293	Design, level, interface, and complexity: morphometric interpretation revisited. , 2004, , 391-414.		0
294	The ontogeny and asymmetry of the highest brain skills and the pathogenesis of schizophrenia. Behavioral and Brain Sciences, 2004, 27, 864-865.	0.4	7
295	What's in a brain? The question of a distinctive brain anatomy in great apes. , 2004, , 105-121.		7
296	Cranial evidence of the evolution of intelligence in fossil apes. , 2004, , 260-279.		35
297	Body size and intelligence in hominoid evolution. , 2004, , 335-350.		6

#	ARTICLE	IF	CITATIONS
298	Schizophrenia: The elusive disease. Behavioral and Brain Sciences, 2004, 27, 863-864.	0.4	7
299	Genes can disconnect the social brain in more than one way. Behavioral and Brain Sciences, 2004, 27, 855-855.	0.4	17
300	Schizophrenia is a disease of general connectivity more than a specifically "social brain" network. Behavioral and Brain Sciences, 2004, 27, 856-856.	0.4	1
301	Schizophrenia: A benign trait. Behavioral and Brain Sciences, 2004, 27, 859-860.	0.4	25
302	Neural Phase Transitions That Made Us Mammals. Lecture Notes in Computer Science, 2004, , 55-70.	1.0	4
303	A comparative analysis of transcribed genes in the mouse hypothalamus and neocortex reveals chromosomal clustering. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14972-14977.	3.3	18
304	A mosaic pattern characterizes the evolution of the avian brain. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S148-51.	1.2	86
305	Cerebral volume loss, cognitive deficit and neuropsychological performance: Comparative measures of brain atrophy: I. Dementia. Journal of the International Neuropsychological Society, 2004, 10, 442-52.	1.2	49
306	Bigger Brains or Bigger Nuclei? Regulating the Size of Auditory Structures in Birds. Brain, Behavior and Evolution, 2004, 63, 169-180.	0.9	40
307	An analysis of the gene expression program of mammalian neural progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1374-1379.	3.3	81
308	Adaptive evolution of ASPM, a major determinant of cerebral cortical size in humans. Human Molecular Genetics, 2004, 13, 489-494.	1.4	232
309	Brain Evolution. , 2004, , 3-21.		66
310	DNA modification in chick heart and cerebrum. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 138, 147-160.	0.8	1
311	Brain Evolution: Mammals, Primates, Chimpanzees, and Humans. International Journal of Primatology, 2004, 25, 1127-1158.	0.9	13
312	Model of the Early Development of Thalamo-Cortical Connections and Area Patterning via Signaling Molecules. Journal of Computational Neuroscience, 2004, 17, 347-363.	0.6	7
313	Ecological constraints on the evolution of avian brains. Journal Fur Ornithologie, 2004, 145, 238.	1.2	50
314	Three-dimensional structure and evolution of primate primary visual cortex. The Anatomical Record, 2004, 281A, 1088-1094.	2.3	22
315	The scaling of frontal cortex in primates and carnivores. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3962-3966.	3.3	117

#	ARTICLE	IF	CITATIONS
316	Affording Larger Brains: Testing Hypotheses of Mammalian Brain Evolution on Bats. <i>American Naturalist</i> , 2004, 164, E20-E31.	1.0	74
317	Brains, Innovations and Evolution in Birds and Primates. <i>Brain, Behavior and Evolution</i> , 2004, 63, 233-246.	0.9	623
318	Reconstructing the evolutionary history of microcephalin, a gene controlling human brain size. <i>Human Molecular Genetics</i> , 2004, 13, 1139-1145.	1.4	191
319	Brain Architecture and Social Complexity in Modern and Ancient Birds. <i>Brain, Behavior and Evolution</i> , 2004, 63, 107-124.	0.9	106
320	A novel enzymatic reaction for converting DNA to CO-DNA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 77-86.	0.7	0
321	Accelerated Evolution of Nervous System Genes in the Origin of Homo sapiens. <i>Cell</i> , 2004, 119, 1027-1040.	13.5	404
322	Cortex, Countercurrent Context, and Dimensional Integration of Lifetime Memory. <i>Cortex</i> , 2004, 40, 559-576.	1.1	65
323	The Calvinist Cortex: Penetrating Evolutionary Predestination Commentary on "Cortex, Countercurrent Context, and Dimensional Integration of Lifetime Memory" by Bjorn Merker. <i>Cortex</i> , 2004, 40, 577-579.	1.1	2
324	Neocortex size predicts deception rate in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 1693-1699.	1.2	247
325	An evolutionary theory of schizophrenia: Cortical connectivity, metarepresentation, and the social brain. <i>Behavioral and Brain Sciences</i> , 2004, 27, 831-855.	0.4	154
326	The Primate Phylogeny of Cognitive Ontogeny. , 2005, , 307-321.		1
327	Postnatal ontogeny of hippocampal expression of the mineralocorticoid and glucocorticoid receptors in the common marmoset monkey. <i>European Journal of Neuroscience</i> , 2005, 21, 1521-1535.	1.2	42
328	MR-based in vivo hippocampal volumetrics: 1. Review of methodologies currently employed. <i>Molecular Psychiatry</i> , 2005, 10, 147-159.	4.1	171
329	Differential effects of DRD4 and DAT1 genotype on fronto-striatal gray matter volumes in a sample of subjects with attention deficit hyperactivity disorder, their unaffected siblings, and controls. <i>Molecular Psychiatry</i> , 2005, 10, 678-685.	4.1	204
330	The evolution of the neocortex in mammals: how is phenotypic diversity generated?. <i>Current Opinion in Neurobiology</i> , 2005, 15, 444-453.	2.0	178
331	Comparative analysis of cortical layering and supragranular layer enlargement in rodent carnivore and primate species. <i>Brain Research</i> , 2005, 1052, 71-81.	1.1	120
332	Evolution of the brainstem orofacial motor system in primates: a comparative study of trigeminal, facial, and hypoglossal nuclei. <i>Journal of Human Evolution</i> , 2005, 48, 45-84.	1.3	132
333	Comparative anatomy of the facial motor nucleus in mammals, with an analysis of neuron numbers in primates. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 287A, 1067-1079.	2.0	74

#	ARTICLE	IF	CITATIONS
334	The evolution of the human mind and logicâ€™ mathematics structures. Journal of Theoretical Biology, 2005, 236, 95-110.	0.8	6
336	Reciprocal evolution of the cerebellum and neocortex in fossil humans. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3576-3580.	3.3	174
337	Sperm competition and sexually size dimorphic brains in birds. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 159-166.	1.2	68
338	Peripheral variability and central constancy in mammalian visual system evolution. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 91-100.	1.2	73
339	Supervised Learning in a Recurrent Network of Rate-Model Neurons Exhibiting Frequency Adaptation. Neural Computation, 2005, 17, 2060-2076.	1.3	1
340	Isotropic Fractionator: A Simple, Rapid Method for the Quantification of Total Cell and Neuron Numbers in the Brain. Journal of Neuroscience, 2005, 25, 2518-2521.	1.7	475
341	The Evolution of Cerebrotypes in Birds. Brain, Behavior and Evolution, 2005, 65, 215-230.	0.9	181
342	Developing Human-Nonhuman Chimeras in Human Stem Cell Research: Ethical Issues and Boundaries. Kennedy Institute of Ethics Journal, 2005, 15, 107-134.	0.3	86
343	Evolution of the brain and intelligence. Trends in Cognitive Sciences, 2005, 9, 250-257.	4.0	777
344	Adaptation of brain regions to habitat complexity: a comparative analysis in bats (Chiroptera). Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 179-186.	1.2	102
345	Course 13 Of the evolution of the brain. Les Houches Summer School Proceedings, 2005, , 641-689.	0.2	0
346	Brain maps, great and small: lessons from comparative studies of primate visual cortical organization. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 665-691.	1.8	215
347	Bigger is not always better: when brains get smaller. Biology Letters, 2005, 1, 283-286.	1.0	90
348	Neocortex evolution in primates: the â€™social brainâ€™™ is for females. Biology Letters, 2005, 1, 407-410.	1.0	55
349	Elephant brain. Brain Research Bulletin, 2006, 70, 124-157.	1.4	155
350	The impact of early adverse care on HPA axis development: Nonhuman primate models. Hormones and Behavior, 2006, 50, 623-631.	1.0	218
351	Local Connections to Specific Types of Layer 6 Neurons in the Rat Visual Cortex. Journal of Neurophysiology, 2006, 95, 1751-1761.	0.9	81
352	Neuroscientists need to be evolutionarily challenged. Behavioral and Brain Sciences, 2006, 29, 13-14.	0.4	2

#	ARTICLE	IF	CITATIONS
353	Brain evolution: Part I. Behavioral and Brain Sciences, 2006, 29, 12-13.	0.4	6
354	Velocity and direction in neurobehavioral evolution: The centripetal prospective. Behavioral and Brain Sciences, 2006, 29, 21-22.	0.4	0
355	Brain design: The evolution of brains. Behavioral and Brain Sciences, 2006, 29, 24-25.	0.4	0
356	The key role of prefrontal cortex structure and function. Behavioral and Brain Sciences, 2006, 29, 22-22.	0.4	3
357	Putting humans in their proper place. Behavioral and Brain Sciences, 2006, 29, 15-16.	0.4	7
358	Brain evolution by natural selection. Behavioral and Brain Sciences, 2006, 29, 23-24.	0.4	2
359	Scaling patterns of interhemispheric connectivity in eutherian mammals. Behavioral and Brain Sciences, 2006, 29, 16-17.	0.4	4
360	An evolutionary niche for quantitative theoretical analyses?. Behavioral and Brain Sciences, 2006, 29, 23-23.	0.4	13
361	The evolution of computation in brain circuitry. Behavioral and Brain Sciences, 2006, 29, 17-18.	0.4	3
362	Principles of brain connectivity organization. Behavioral and Brain Sciences, 2006, 29, 18-19.	0.4	3
363	Practical use of evolutionary neuroscience principles. Behavioral and Brain Sciences, 2006, 29, 14-15.	0.4	3
364	Evolutionary neuroscience: Limitations and prospects. Behavioral and Brain Sciences, 2006, 29, 25-31.	0.4	0
365	Mental attention, not language, may explain evolutionary growth of human intelligence and brain size. Behavioral and Brain Sciences, 2006, 29, 19-20.	0.4	3
366	PrÃ©cis of Principles of Brain Evolution. Behavioral and Brain Sciences, 2006, 29, 1-12.	0.4	201
367	Comparative Aspects of Visual System Development. , 2006, , 37-72.		12
368	An examination of cetacean brain structure with a novel hypothesis correlating thermogenesis to the evolution of a big brain. Biological Reviews, 2006, 81, 293.	4.7	165
369	Neuroecology. Annual Review of Psychology, 2006, 57, 167-197.	9.9	162
370	Cytoskeletal genes regulating brain size. Current Opinion in Cell Biology, 2006, 18, 95-101.	2.6	137

#	ARTICLE	IF	CITATIONS
371	Visual influences on primate encephalization. <i>Journal of Human Evolution</i> , 2006, 51, 76-90.	1.3	113
372	Human and nonhuman primate brains: Are they allometrically scaled versions of the same design?. <i>Evolutionary Anthropology</i> , 2006, 15, 65-77.	1.7	173
373	Primate brain evolution: Integrating comparative, neurophysiological, and ethological data. <i>Evolutionary Anthropology</i> , 2006, 15, 224-236.	1.7	150
374	Phenotypic diversity is the cornerstone of evolution: Variation in cortical field size within short-tailed opossums. <i>Journal of Comparative Neurology</i> , 2006, 499, 990-999.	0.9	24
375	Olfactory evolution and behavioral ecology in primates. <i>American Journal of Primatology</i> , 2006, 68, 545-558.	0.8	153
376	Adjustment for Whole Brain and Cranial Size in Volumetric Brain Studies: A Review of Common Adjustment Factors and Statistical Methods. <i>Harvard Review of Psychiatry</i> , 2006, 14, 141-151.	0.9	70
377	Interaction promotes cognition: The rise of childish minds. <i>Behavioral and Brain Sciences</i> , 2006, 29, 283-283.	0.4	1
378	Melody as a primordial legacy from early roots of language. <i>Behavioral and Brain Sciences</i> , 2006, 29, 300-300.	0.4	12
379	The Heterochronic Evolution of Primate Cognitive Development. <i>Biological Theory</i> , 2006, 1, 41-43.	0.8	22
380	Quantitative Analysis of the Corticocortical Projections to the Middle Temporal Area in the Marmoset Monkey: Evolutionary and Functional Implications. <i>Cerebral Cortex</i> , 2006, 16, 1361-1375.	1.6	81
381	The Evolution of Prefrontal Inputs to the Cortico-pontine System: Diffusion Imaging Evidence from Macaque Monkeys and Humans. <i>Cerebral Cortex</i> , 2006, 16, 811-818.	1.6	258
382	Computational Models of Neocortical Neuronogenesis and Programmed Cell Death in the Developing Mouse, Monkey, and Human. <i>Cerebral Cortex</i> , 2007, 17, 2433-2442.	1.6	48
383	Understanding primate brain evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 649-658.	1.8	304
384	Supplementing evolutionary developmental systems with abstract models of neurogenesis. , 2007, , .		8
385	Where Evolutionary Psychology Meets Cognitive Neuroscience: A PrÃ©cis to Evolutionary Cognitive Neuroscience. <i>Evolutionary Psychology</i> , 2007, 5, 147470490700500.	0.6	23
386	How Psychiatric Conditions Were Made. <i>Psychiatry (New York)</i> , 2007, 70, 130-153.	0.3	3
387	The Natural History of Human Language: Bridging the Gaps without Magic. , 2007, , 403-420.		13
389	Do constructional constraints influence cichlid craniofacial diversification?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1867-1875.	1.2	53

#	ARTICLE	IF	CITATIONS
390	Forced Moves or Good Tricks in Design Space? Landmarks in the Evolution of Neural Mechanisms for Action Selection. <i>Adaptive Behavior</i> , 2007, 15, 9-31.	1.1	40
391	Massive Modularity and Brain Evolution. <i>Philosophy of Science</i> , 2007, 74, 825-838.	0.5	24
392	Questioning the social intelligence hypothesis. <i>Trends in Cognitive Sciences</i> , 2007, 11, 65-69.	4.0	144
393	Cortical evolution and human behaviour. <i>Brain Research Bulletin</i> , 2007, 74, 191-205.	1.4	12
394	Extrapolating brain development from experimental species to humans. <i>NeuroToxicology</i> , 2007, 28, 931-937.	1.4	735
395	A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample. <i>NeuroImage</i> , 2007, 35, 70-82.	2.1	63
396	Evolution in the Social Brain. <i>Science</i> , 2007, 317, 1344-1347.	6.0	1,318
397	A History of Ideas in Evolutionary Neuroscience. , 2007, , 1-15.		8
398	Evolution of the Cerebellum. , 2007, , 413-442.		4
399	The Limbic System in Mammalian Brain Evolution. <i>Brain, Behavior and Evolution</i> , 2007, 70, 57-70.	0.9	122
400	A critique of comparative studies of brain size. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 453-464.	1.2	413
401	Emergence of Communication and Language. , 2007, , .		18
402	Neuroscientific implications for situated and embodied artificial intelligence. <i>Connection Science</i> , 2007, 19, 75-104.	1.8	10
403	Environmental Complexity and Social Organization Sculpt the Brain in Lake Tanganyikan Cichlid Fish. <i>Brain, Behavior and Evolution</i> , 2007, 70, 21-39.	0.9	227
404	Cortical Evolution as the Expression of a Program for Disproportionate Growth and the Proliferation of Areas. , 2007, , 73-96.		9
405	Mosaic Evolution of Brain Structure in Mammals. , 2007, , 97-102.		3
406	Organization of a Miniature Neocortex â€œ What Shrew Brains Suggest about Mammalian Evolution. , 2007, , 137-141.		4
407	How to Build a Bigger Brain: Cellular Scaling Rules for Rodent Brains. , 2007, , 155-166.		7

#	ARTICLE	IF	CITATIONS
408	Cerebral Cortical Folding Patterns in Primates: Why They Vary and What They Signify. , 2007, , 267-276.		21
409	The Evolution of Neuron Types and Cortical Histology in Apes and Humans. , 2007, , 355-378.		19
410	The Evolution of Language Systems in the Human Brain. , 2007, , 529-547.		15
411	Start Small and Live Slow: Encephalization, Body Size, and Life History Strategies in Primate Origins and Evolution. , 2007, , 583-623.		5
412	Structure of the cerebral cortex of the humpback whale, <i>Megaptera novaeangliae</i> (Cetacea, Mysticeti). <i>Tj ETQq0 0 0,rgBT /Overlock 10 T</i>	0.8	229
413	Structural brain magnetic resonance imaging of pediatric twins. <i>Human Brain Mapping</i> , 2007, 28, 474-481.	1.9	65
415	Time course of cerebellar morphological development in postnatal ferrets: Ontogenetic and comparative perspectives. <i>Journal of Comparative Neurology</i> , 2007, 501, 916-930.	0.9	9
416	Scaling of neuron number and volume of the pulvinar complex in new world primates: Comparisons with humans, other primates, and mammals. <i>Journal of Comparative Neurology</i> , 2007, 504, 265-274.	0.9	49
417	Global and regional brain metabolic scaling and its functional consequences. <i>BMC Biology</i> , 2007, 5, 18.	1.7	131
418	Male and female brain evolution is subject to contrasting selection pressures in primates. <i>BMC Biology</i> , 2007, 5, 21.	1.7	3
419	Neuronal subtype specification in the cerebral cortex. <i>Nature Reviews Neuroscience</i> , 2007, 8, 427-437.	4.9	1,444
420	Evolutionary specialization in mammalian cortical structure. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1504-1511.	0.8	44
421	Heterochrony and allometry: the analysis of evolutionary change in ontogeny. <i>Biological Reviews</i> , 1998, 73, 79-123.	4.7	93
422	Functional recovery after transection of the sciatic nerve at an early age: a pilot study in rats. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 377-379.	1.1	4
423	The size of scalable brain components in the human evolutionary lineage: With a comment on the paradox of <i>Homo floresiensis</i> . <i>HOMO- Journal of Comparative Human Biology</i> , 2007, 58, 1-12.	0.3	19
424	Sociality, Evolution and Cognition. <i>Current Biology</i> , 2007, 17, R714-R723.	1.8	171
425	Neurodevelopmental Changes of Fetal Pain. <i>Seminars in Perinatology</i> , 2007, 31, 275-282.	1.1	126
426	Web-based method for translating neurodevelopment from laboratory species to humans. <i>Neuroinformatics</i> , 2007, 5, 79-94.	1.5	288

#	ARTICLE	IF	CITATIONS
427	Phylogenetic Proximity Revealed by Neurodevelopmental Event Timings. <i>Neuroinformatics</i> , 2008, 6, 71-79.	1.5	7
428	Anatomical and physiological definition of the motor cortex of the marmoset monkey. <i>Journal of Comparative Neurology</i> , 2008, 506, 860-876.	0.9	75
429	Developmental origins of species differences in telencephalon and tectum size: Morphometric comparisons between a parakeet (<i>Melopsittacus undulatus</i>) and a quail (<i>Colinus</i>). <i>Journal of Neurocytology</i> , 2008, 37, 650-657.	0.9	16
430	Latent volumetric structure of the human brain: Exploratory factor analysis and structural equation modeling of gray matter volumes in healthy children and adults. <i>Human Brain Mapping</i> , 2008, 29, 1302-1312.	1.9	27
431	A natural history of the human mind: tracing evolutionary changes in brain and cognition. <i>Journal of Anatomy</i> , 2008, 212, 426-454.	0.9	313
432	Neurogenic development of the visual areas in the Chinese softshell turtle (<i>Pelodiscus sinensis</i>) and evolutionary implications. <i>Journal of Anatomy</i> , 2008, 212, 578-589.	0.9	8
433	Using gene expression databases for classical trait QTL candidate gene discovery in the BXD recombinant inbred genetic reference population: Mouse forebrain weight. <i>BMC Genomics</i> , 2008, 9, 444.	1.2	26
434	The developing and evolving retina: Using time to organize form. <i>Brain Research</i> , 2008, 1192, 5-16.	1.1	45
435	Comparative analysis of neurogenesis between the core and shell regions of auditory areas in the chick (<i>Gallus gallus domesticus</i>). <i>Brain Research</i> , 2008, 1216, 24-37.	1.1	17
436	Respiratory rhythm of brainstem-spinal cord preparations: Effects of maturation, age, mass and oxygenation. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 429-440.	0.7	13
437	Energy limitation as a selective pressure on the evolution of sensory systems. <i>Journal of Experimental Biology</i> , 2008, 211, 1792-1804.	0.8	841
438	Habitat Complexity, Brain, and Behavior. <i>Brain, Behavior and Evolution</i> , 2008, 72, 123-134.	0.9	115
439	2074v Alpha1-Beta1 and Alpha6-Beta1-Integrin. , 2008, , 1-1.		0
440	PET in the Assessment of Pediatric Brain Development and Developmental Disorders. <i>PET Clinics</i> , 2008, 3, 487-515.	1.5	5
441	Diversity and Evolution of the Insect Ventral Nerve Cord. <i>Annual Review of Entomology</i> , 2008, 53, 253-271.	5.7	61
442	Relationship between Theory of Mind and Executive Function in Schizophrenia: A Systematic Review. <i>Psychopathology</i> , 2008, 41, 206-213.	1.1	103
443	The Teen Brain: Insights from Neuroimaging. <i>Journal of Adolescent Health</i> , 2008, 42, 335-343.	1.2	639
444	What is the mammalian dentate gyrus good for?. <i>Neuroscience</i> , 2008, 154, 1155-1172.	1.1	246

#	ARTICLE	IF	CITATIONS
445	Evolution of cortical neurogenesis. <i>Brain Research Bulletin</i> , 2008, 75, 398-404.	1.4	59
446	Interspecific variation in relative brain size is not correlated with intensity of sexual selection in waterfowl (Anseriformes). <i>Australian Journal of Zoology</i> , 2008, 56, 311.	0.6	10
447	Brain Integrity and Cerebral Atrophy in Vietnam Combat Veterans with and without Posttraumatic Stress Disorder. <i>Neurocase</i> , 2008, 13, 402-410.	0.2	27
448	Brain Size and Folding of the Human Cerebral Cortex. <i>Cerebral Cortex</i> , 2008, 18, 2352-2357.	1.6	209
449	Size Matters: Cerebral Volume Influences Sex Differences in Neuroanatomy. <i>Cerebral Cortex</i> , 2008, 18, 2920-2931.	1.6	243
450	Structural, Functional and Developmental Convergence of the Insect Mushroom Bodies with Higher Brain Centers of Vertebrates. <i>Brain, Behavior and Evolution</i> , 2008, 72, 1-15.	0.9	51
451	Encephalization, Emergent Properties, and Psychiatry: A Minicolumnar Perspective. <i>Neuroscientist</i> , 2008, 14, 101-118.	2.6	54
452	Cognition in an Ever-Changing World: Climatic Variability Is Associated with Brain Size in Neotropical Parrots. <i>Brain, Behavior and Evolution</i> , 2008, 71, 200-215.	0.9	83
453	Beyond Neuroanatomy: Novel Approaches to Studying Brain Evolution. <i>Brain, Behavior and Evolution</i> , 2008, 72, 145-158.	0.9	32
454	Developmental Species Differences in Brain Cell Cycle Rates between Northern Bobwhite Quail (<i>Colinus virginianus</i>) and Parakeets (<i>Melopsittacus undulatus</i>): Implications for Mosaic Brain Evolution. <i>Brain, Behavior and Evolution</i> , 2008, 72, 295-306.	0.9	52
455	Neonatal caffeine induces sex-specific developmental plasticity of the hypoxic respiratory chemoreflex in adult rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R922-R934.	0.9	24
456	Number and topography of cones, rods and optic nerve axons in New and Old World primates. <i>Visual Neuroscience</i> , 2008, 25, 289-299.	0.5	62
457	Positive Selection in ASPM Is Correlated with Cerebral Cortex Evolution across Primates but Not with Whole-Brain Size. <i>Molecular Biology and Evolution</i> , 2008, 25, 2247-2250.	3.5	33
458	Nativism and Neurobiology: Representations, Representing, and the Continuum of Cognition. <i>Review of General Psychology</i> , 2008, 12, 181-191.	2.1	6
460	Brain Modules: Mosaic Evolution. , 2009, , 389-394.		0
461	Doublecortin-expressing cells persist in the associate cerebral cortex and amygdala in aged nonhuman primates. <i>Frontiers in Neuroanatomy</i> , 2009, 3, 17.	0.9	82
462	Cross-species analyses of the cortical GABAergic and subplate neural populations. <i>Frontiers in Neuroanatomy</i> , 2009, 3, 20.	0.9	31
463	Paraneoplastic Antigen-Like 5 Gene (PNMA5) Is Preferentially Expressed in the Association Areas in a Primate Specific Manner. <i>Cerebral Cortex</i> , 2009, 19, 2865-2879.	1.6	32

#	ARTICLE	IF	CITATIONS
464	Evolutionary Processes Acting on Candidate cis-Regulatory Regions in Humans Inferred from Patterns of Polymorphism and Divergence. <i>PLoS Genetics</i> , 2009, 5, e1000592.	1.5	123
465	Developmental basis for telencephalon expansion in waterfowl: enlargement prior to neurogenesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3421-3427.	1.2	28
466	Developmental sources of conservation and variation in the evolution of the primate eye. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8963-8968.	3.3	72
467	LB1's virtual endocast, microcephaly, and hominin brain evolution. <i>Journal of Human Evolution</i> , 2009, 57, 597-607.	1.3	87
468	The Expensive Brain: A framework for explaining evolutionary changes in brain size. <i>Journal of Human Evolution</i> , 2009, 57, 392-400.	1.3	373
469	Brain structure evolution in a basal vertebrate clade: evidence from phylogenetic comparative analysis of cichlid fishes. <i>BMC Evolutionary Biology</i> , 2009, 9, 238.	3.2	65
470	The natural endocast of Taung (<i>Australopithecus africanus</i>): Insights from the unpublished papers of Raymond Arthur Dart. <i>American Journal of Physical Anthropology</i> , 2009, 140, 49-65.	2.1	33
471	Developmental origins of mosaic brain evolution: Morphometric analysis of the developing zebra finch brain. <i>Journal of Comparative Neurology</i> , 2009, 514, 203-213.	0.9	38
472	Evolutionary significance of delayed neurogenesis in the core versus shell auditory areas of <i>Mus musculus</i> . <i>Journal of Comparative Neurology</i> , 2009, 515, 600-613.	0.9	16
473	Distribution and neuronal expression of phosphatidylinositol phosphate kinase II β in the mouse brain. <i>Journal of Comparative Neurology</i> , 2009, 517, 296-312.	0.9	48
474	Comparative analyses of the neuron numbers and volumes of the amygdaloid complex in old and new world primates. <i>Journal of Comparative Neurology</i> , 2010, 518, 1176-1198.	0.9	29
475	Minor pathological changes are induced by naltrexone-poly(DL-lactide) implants in pregnant rats. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 91A, 964-974.	2.1	5
476	Cerebral cortex development: From progenitors patterning to neocortical size during evolution. <i>Development Growth and Differentiation</i> , 2009, 51, 325-342.	0.6	38
477	Sperm competition and brain size evolution in mammals. <i>Journal of Evolutionary Biology</i> , 2009, 22, 2215-2221.	0.8	60
478	Comparative studies of brain evolution: a critical insight from the Chiroptera. <i>Biological Reviews</i> , 2009, 84, 161-172.	4.7	55
479	In-tube transfection improves the efficiency of gene transfer in primary neuronal cultures. <i>Journal of Neuroscience Methods</i> , 2009, 177, 348-354.	1.3	22
480	Darwin and the ghost of Phineas Gage: Neuro-evolution and the social brain. <i>Cortex</i> , 2009, 45, 1119-1125.	1.1	12
481	Functional and Evolutionary Insights into Human Brain Development through Global Transcriptome Analysis. <i>Neuron</i> , 2009, 62, 494-509.	3.8	555

#	ARTICLE	IF	CITATIONS
482	Why "œlate equals large" does not work. <i>Neuroscience</i> , 2009, 164, 1648-1652.	1.1	8
483	Expression of the homeobox genes <i>PAX6</i> , <i>OTX2</i> , and <i>OTX1</i> in the early human fetal retina. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 485-492.	0.7	40
484	The human brain in numbers: a linearly scaled-up primate brain. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 31.	1.0	1,082
485	The social brain hypothesis and its implications for social evolution. <i>Annals of Human Biology</i> , 2009, 36, 562-572.	0.4	550
486	Telencephalon enlargement by the convergent evolution of expanded subventricular zones. <i>Biology Letters</i> , 2009, 5, 134-137.	1.0	30
487	Brain Size and Brain Organization of the Whale Shark, <i>Rhincodon typus</i> , Using Magnetic Resonance Imaging. <i>Brain, Behavior and Evolution</i> , 2009, 74, 121-142.	0.9	47
488	Evolution of Motor Systems: Corticospinal, Reticulospinal, Rubrospinal and Vestibulospinal Systems. , 2009, , 1248-1254.		3
489	Evolution of the Brain in Reptiles. , 2009, , 1295-1301.		4
490	Epithalamus. , 2009, , 1145-1145.		0
491	Evolution of the Terminal Nerve. , 2009, , 1431-1436.		0
492	Transcriptional neoteny in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5743-5748.	3.3	347
494	Evolution of the Brain, Cognition, and Speech. , 0, , 258-271.		0
495	Attachment is about safety and protection, intersubjectivity is about sharing and social understanding: The relationships between attachment and intersubjectivity.. <i>Psychoanalytic Psychology</i> , 2010, 27, 410-441.	0.4	54
497	The Circadian Clock Starts Ticking at a Developmentally Early Stage. <i>Journal of Biological Rhythms</i> , 2010, 25, 442-449.	1.4	72
498	A Twin Study of Intracerebral Volumetric Relationships. <i>Behavior Genetics</i> , 2010, 40, 114-124.	1.4	33
499	ttime: an R Package for Translating the Timing of Brain Development Across Mammalian Species. <i>Neuroinformatics</i> , 2010, 8, 201-205.	1.5	9
500	Anatomic Magnetic Resonance Imaging of the Developing Child and Adolescent Brain and Effects of Genetic Variation. <i>Neuropsychology Review</i> , 2010, 20, 349-361.	2.5	96
501	Orbital prefrontal cortex volume correlates with social cognitive competence. <i>Neuropsychologia</i> , 2010, 48, 3554-3562.	0.7	117

#	ARTICLE	IF	CITATIONS
502	Mammalian wildlife as complementary models in environmental neurotoxicology. <i>Neurotoxicology and Teratology</i> , 2010, 32, 114-119.	1.2	40
503	Prenatal stress and brain development. <i>Brain Research Reviews</i> , 2010, 65, 56-79.	9.1	467
505	Subplate in the developing cortex of mouse and human. <i>Journal of Anatomy</i> , 2010, 217, 368-380.	0.9	78
509	The evolution of complex brains and behaviors in African cichlid fishes. <i>Environmental Epigenetics</i> , 2010, 56, 144-156.	0.9	36
511	A Review of Todd E. Feinberg's <i>From Axons to Identity: Neurological Explorations of the Nature of the Self</i> . <i>The Journal of Philosophy, Science & Law</i> , 2010, 10, 1-9.	0.3	0
512	A conserved pattern of brain scaling from sharks to primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12946-12951.	3.3	166
513	Brain diversity evolves via differences in patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9718-9723.	3.3	96
514	Expression of the Homeobox Genes <i>OTX2</i> and <i>OTX1</i> in the Early Developing Human Brain. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 669-678.	1.3	56
515	Early developmental patterning sets the stage for brain evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9919-9920.	3.3	7
516	Asymmetry of different brain structures in homing pigeons with and without navigational experience. <i>Journal of Experimental Biology</i> , 2010, 213, 2219-2224.	0.8	25
517	Bigger brains cycle faster before neurogenesis begins: a comparison of brain development between chickens and bobwhite quail. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3469-3475.	1.2	28
518	Late Still Equals Large. <i>Brain, Behavior and Evolution</i> , 2010, 75, 4-6.	0.9	15
519	Cellular Scaling Rules for the Brains of an Extended Number of Primate Species. <i>Brain, Behavior and Evolution</i> , 2010, 76, 32-44.	0.9	90
520	A Reduced Progenitor Pool Population Accounts for the Rudimentary Appearance of the Septum, Medial Pallium and Dorsal Pallium in Birds. <i>Brain, Behavior and Evolution</i> , 2010, 76, 289-300.	0.9	7
521	Phylogenetic Origins of Early Alterations in Brain Region Proportions. <i>Brain, Behavior and Evolution</i> , 2010, 75, 104-110.	0.9	13
522	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1211-1216.	3.3	281
523	Brain size, life history, and metabolism at the marsupial/placental dichotomy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16216-16221.	3.3	108
524	Comparative Cytoarchitectural Analyses of Striate and Extrastriate Areas in Hominoids. <i>Cerebral Cortex</i> , 2010, 20, 966-981.	1.6	59

#	ARTICLE	IF	CITATIONS
525	ErbB4 in parvalbumin-positive interneurons is critical for neuregulin 1 regulation of long-term potentiation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21818-21823.	3.3	221
526	Models of Neurodevelopmental Abnormalities in Schizophrenia. Current Topics in Behavioral Neurosciences, 2010, 4, 435-481.	0.8	60
527	Species differences in executive function correlate with hippocampus volume and neocortex ratio across nonhuman primates.. Journal of Comparative Psychology (Washington, D C: 1983), 2010, 124, 252-260.	0.3	100
528	Brain Renin-Angiotensin System: Fetal Epigenetic Programming by Maternal Protein Restriction During Pregnancy. Reproductive Sciences, 2010, 17, 227-238.	1.1	158
529	Normal Development of Brain Circuits. Neuropsychopharmacology, 2010, 35, 147-168.	2.8	1,033
530	Aging in Mouse Brain Is a Cell/Tissue-Level Phenomenon Exacerbated by Proteasome Loss. Journal of Proteome Research, 2010, 9, 3551-3560.	1.8	13
531	Sex differences in the adolescent brain. Brain and Cognition, 2010, 72, 46-55.	0.8	424
532	The development of gyrification in childhood and adolescence. Brain and Cognition, 2010, 72, 36-45.	0.8	320
533	A Conserved Switch in Sensory Processing Prepares Developing Neocortex for Vision. Neuron, 2010, 67, 480-498.	3.8	234
534	Structural MRI of Pediatric Brain Development: What Have We Learned and Where Are We Going?. Neuron, 2010, 67, 728-734.	3.8	739
535	A proposal in relation to a genetic control of lifespan in mammals. Ageing Research Reviews, 2010, 9, 437-446.	5.0	3
536	Spatiotemporal Distribution of <i>PAX6</i> and <i>MEIS2</i> Expression and Total Cell Numbers in the Ganglionic Eminence in the Early Developing Human Forebrain. Developmental Neuroscience, 2010, 32, 149-162.	1.0	24
537	Evolution of the cerebellar cortex: The selective expansion of prefrontal-projecting cerebellar lobules. NeuroImage, 2010, 49, 2045-2052.	2.1	190
538	Cross-sectional area of the elephant corpus callosum: comparison to other eutherian mammals. Neuroscience, 2010, 167, 815-824.	1.1	39
539	Brain and Behaviour in Primate Evolution. , 2010, , 315-330.		19
541	Metabolic syndrome – Psycho neuropathogenesis and human brain evolution. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2011, 5, 38-40.	1.8	0
542	Voxel-based morphometry studies of personality: Issue of statistical model specification – effect of nuisance covariates. NeuroImage, 2011, 54, 1994-2005.	2.1	122
543	Animal Models of Behavioral Analysis. Neuromethods, 2011, , .	0.2	3

#	ARTICLE	IF	CITATIONS
545	Modeling Schizophrenia in Neuregulin 1 and ErbB4 Mutant Mice. <i>Neuromethods</i> , 2011, , 261-277.	0.2	0
546	The richness of social stimuli shapes developmental trajectories: Are laboratory mouse pups impoverished?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1452-1460.	2.5	16
547	Comparative Morphometry of the Olfactory Bulb, Tract and Stria in the Human, Dog and Goat. <i>International Journal of Morphology</i> , 2011, 29, 939-946.	0.1	41
548	Structural Brain Magnetic Resonance Imaging of Typically Developing Children and Adolescents. , 0, , 23-40.		2
551	Evolutionary Basis of the Social Brain. , 2011, , .		15
552	Developmental Modes and Developmental Mechanisms can Channel Brain Evolution. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 4.	0.9	59
553	Comparison of Pretectal Genoarchitectonic Pattern between Quail and Chicken Embryos. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 23.	0.9	29
554	The Evolution of the Brain, the Human Nature of Cortical Circuits, and Intellectual Creativity. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 29.	0.9	381
555	Phylogeny and Ontogeny of the Habenular Structure. <i>Frontiers in Neuroscience</i> , 2011, 5, 138.	1.4	89
556	Region-Specific Expression of Mitochondrial Complex I Genes during Murine Brain Development. <i>PLoS ONE</i> , 2011, 6, e18897.	1.1	21
557	Does more maternal investment mean a larger brain? Evolutionary relationships between reproductive mode and brain size in chondrichthyans. <i>Marine and Freshwater Research</i> , 2011, 62, 567.	0.7	30
558	Comparing adult hippocampal neurogenesis in mammalian species and orders: influence of chronological age and life history stage. <i>European Journal of Neuroscience</i> , 2011, 34, 978-987.	1.2	159
559	Causes and consequences of expanded subventricular zones. <i>European Journal of Neuroscience</i> , 2011, 34, 988-993.	1.2	24
560	Olfaction and brain size in the bowhead whale (<i>Balaena mysticetus</i>). <i>Marine Mammal Science</i> , 2011, 27, 282-294.	0.9	80
561	Manatee vibrissae: evidence for a lateral line function. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, 101-109.	1.8	21
562	Brains matter, bodies maybe not: the case for examining neuron numbers irrespective of body size. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, 191-199.	1.8	86
563	A General Principle of Neural Arbor Branch Density. <i>Current Biology</i> , 2011, 21, 2105-2108.	1.8	44
564	Complex relationship between multiple measures of cognitive ability and male mating success in satin bowerbirds, <i>Ptilonorhynchus violaceus</i> . <i>Animal Behaviour</i> , 2011, 81, 1063-1070.	0.8	132

#	ARTICLE	IF	CITATIONS
565	Intracranial volume and dementia: Some evidence in support of the cerebral reserve hypothesis. <i>Brain Research</i> , 2011, 1385, 151-162.	1.1	22
566	Variability in Neuron Densities across the Cortical Sheet in Primates. <i>Brain, Behavior and Evolution</i> , 2011, 78, 37-50.	0.9	28
567	Development of visual perception. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2011, 2, 515-528.	1.4	56
568	Sites of origin and developmental dynamics of the neurons in the core and shell regions of torus semicircularis in the chinese softshell turtle (<i>Pelodiscus sinensis</i>). <i>Journal of Comparative Neurology</i> , 2011, 519, 2677-2696.	0.9	2
569	Volumetric Analysis of the African Elephant Ventricular System. <i>Anatomical Record</i> , 2011, 294, 1412-1417.	0.8	13
570	The Packet Switching Brain. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 267-276.	1.1	76
571	Three brain collections for comparative neuroanatomy and neuroimaging. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, E94-104.	1.8	17
572	Integrated Brain Diversification along the Early Neuraxes. <i>Brain, Behavior and Evolution</i> , 2011, 78, 237-247.	0.9	22
573	Comparison of Area 17 Cellular Composition in Laboratory and Wild-Caught Rats Including Diurnal and Nocturnal Species. <i>Brain, Behavior and Evolution</i> , 2011, 77, 116-130.	0.9	32
574	Motor pathway convergence predicts syllable repertoire size in oscine birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16440-16445.	3.3	34
575	Intravenous administration of AAV2/9 to the fetal and neonatal mouse leads to differential targeting of CNS cell types and extensive transduction of the nervous system. <i>FASEB Journal</i> , 2011, 25, 3505-3518.	0.2	84
576	Mapping behavioural evolution onto brain evolution: the strategic roles of conserved organization in individuals and species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2111-2123.	1.8	42
577	A Role for Intermediate Radial Glia in the Tangential Expansion of the Mammalian Cerebral Cortex. <i>Cerebral Cortex</i> , 2011, 21, 1674-1694.	1.6	543
578	Evo-Devo and Brain Scaling: Candidate Developmental Mechanisms for Variation and Constancy in Vertebrate Brain Evolution. <i>Brain, Behavior and Evolution</i> , 2011, 78, 248-257.	0.9	78
579	Mosaic Evolution of Brainstem Motor Nuclei in Catarrhine Primates. <i>Anatomy Research International</i> , 2011, 2011, 1-5.	1.1	7
580	New Models and Insights into Primate Evolutionary Morphology. <i>Anatomy Research International</i> , 2011, 2011, 1-2.	1.1	3
581	Cyclin D2 in the basal process of neural progenitors is linked to non-equivalent cell fates. <i>EMBO Journal</i> , 2012, 31, 1879-1892.	3.5	104
582	Evaluation of the neurotoxic effects of ethanol on the cerebellar and cortical neurospheres isolated from E14 mouse embryo. <i>Journal of Clinical and Experimental Investigations</i> , 2012, 3, .	0.1	0

#	ARTICLE	IF	CITATIONS
583	Aberrant cortical gyrification in schizophrenia: a surface-based morphometry study. <i>Journal of Psychiatry and Neuroscience</i> , 2012, 37, 399-406.	1.4	101
584	From chemotaxis to the cognitive map: The function of olfaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10693-10700.	3.3	171
585	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3985-3990.	3.3	50
586	Brain Evolution across the Puerto Rican Anole Radiation. <i>Brain, Behavior and Evolution</i> , 2012, 80, 170-180.	0.9	24
587	Pride Diaries: Sex, Brain Size and Sociality in the African Lion (<i>Panthera leo</i>) and Cougar (<i>Puma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	0.9	12
588	Deafferentation-Induced Plasticity of Visual Callosal Connections: Predicting Critical Periods and Analyzing Cortical Abnormalities Using Diffusion Tensor Imaging. <i>Neural Plasticity</i> , 2012, 2012, 1-18.	1.0	8
589	Embracing covariation in brain evolution. <i>Progress in Brain Research</i> , 2012, 195, 71-87.	0.9	48
590	Hominin paleoneurology. <i>Progress in Brain Research</i> , 2012, 195, 255-272.	0.9	38
591	Design principles of the human brain. <i>Progress in Brain Research</i> , 2012, 195, 373-390.	0.9	51
592	A multidisciplinary reconstruction of Palaeolithic nutrition that holds promise for the prevention and treatment of diseases of civilisation. <i>Nutrition Research Reviews</i> , 2012, 25, 96-129.	2.1	33
593	Estimating Volume in Biological Structures. <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.top071787.	0.2	25
594	Orbital dynamics, environmental heterogeneity, and the evolution of the human brain. <i>Intelligence</i> , 2012, 40, 404-418.	1.6	8
595	A cis-element in the Notch1 locus is involved in the regulation of gene expression in interneuron progenitors. <i>Developmental Biology</i> , 2012, 372, 217-228.	0.9	13
596	Genetic correlates of the evolving primate brain. <i>Progress in Brain Research</i> , 2012, 195, 27-44.	0.9	5
597	Maternal transfer of BDE-47 to offspring and neurobehavioral development in C57BL/6J mice. <i>Neurotoxicology and Teratology</i> , 2012, 34, 571-580.	1.2	45
598	Extension of cortical synaptic development distinguishes humans from chimpanzees and macaques. <i>Genome Research</i> , 2012, 22, 611-622.	2.4	224
599	Neuronal scaling rules for primate brains. <i>Progress in Brain Research</i> , 2012, 195, 325-340.	0.9	72
600	Genetic architecture supports mosaic brain evolution and independent brain "body size regulation. <i>Nature Communications</i> , 2012, 3, 1079.	5.8	103

#	ARTICLE	IF	CITATIONS
601	Factors shaping the ontogeny of vocal signals in a wild parrot. <i>Journal of Experimental Biology</i> , 2013, 216, 338-45.	0.8	21
602	Hippocampus/amygdala alterations, loss of heparan sulfates, fractones and ventricle wall reduction in adult BTBR T+ tf/J mice, animal model for autism. <i>Neuroscience Letters</i> , 2012, 506, 208-213.	1.0	44
603	Induction of superficial cortical layer neurons from mouse embryonic stem cells by valproic acid. <i>Neuroscience Research</i> , 2012, 72, 23-31.	1.0	38
604	Maternal immune activation by poly(I:C) induces expression of cytokines IL-1 β and IL-13, chemokine MCP-1 and colony stimulating factor VEGF in fetal mouse brain. <i>Journal of Neuroinflammation</i> , 2012, 9, 83.	3.1	124
605	Primate encephalization. <i>Progress in Brain Research</i> , 2012, 195, 393-412.	0.9	26
606	Neuroecology of cartilaginous fishes: the functional implications of brain scaling. <i>Journal of Fish Biology</i> , 2012, 80, 1968-2023.	0.7	72
607	Neurons on the Move: Migration and Lamination of Cortical Interneurons. <i>NeuroSignals</i> , 2012, 20, 168-189.	0.5	67
608	Human cerebral cortex development from pluripotent stem cells to functional excitatory synapses. <i>Nature Neuroscience</i> , 2012, 15, 477-486.	7.1	726
609	Monogamous and Promiscuous Rodent Species Exhibit Discrete Variation in the Size of the Medial Prefrontal Cortex. <i>Brain, Behavior and Evolution</i> , 2012, 80, 4-14.	0.9	19
610	Morphometric Analysis of Telencephalic Structure in a Variety of Neognath and Paleognath Bird Species Reveals Regional Differences Associated with Specific Behavioral Traits. <i>Brain, Behavior and Evolution</i> , 2012, 80, 181-195.	0.9	27
611	Orbital prefrontal cortex volume predicts social network size: an imaging study of individual differences in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2157-2162.	1.2	143
612	Vertical transmission of learned signatures in a wild parrot. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 585-591.	1.2	79
613	Interspecies Extrapolation. <i>Methods in Molecular Biology</i> , 2012, 929, 501-520.	0.4	19
614	Review: magnetic resonance imaging of male/female differences in human adolescent brain anatomy. <i>Biology of Sex Differences</i> , 2012, 3, 19.	1.8	246
615	Maternally Administered Sustained-Release Naltrexone in Rats Affects Offspring Neurochemistry and Behaviour in Adulthood. <i>PLoS ONE</i> , 2012, 7, e52812.	1.1	17
616	Monkey in the middle: why non-human primates are needed to bridge the gap in resting-state investigations. <i>Frontiers in Neuroanatomy</i> , 2012, 6, 29.	0.9	126
617	Understanding the Evolution of Mammalian Brain Structures; the Need for a (New) Cerebrotyping Approach. <i>Brain Sciences</i> , 2012, 2, 203-224.	1.1	22
618	The mass of the human brain: is it a spandrel?. , 2012, , 181-204.		4

#	ARTICLE	IF	CITATIONS
619	Comparative phosphoproteomic analysis of neonatal and adult murine brain. <i>Proteomics</i> , 2012, 12, 2185-2189.	1.3	37
620	Emerging roles of neural stem cells in cerebral cortex development and evolution. <i>Developmental Neurobiology</i> , 2012, 72, 955-971.	1.5	158
621	The Number of Stem Cells in the Subependymal Zone of the Adult Rodent Brain is Correlated with the Number of Ependymal Cells and Not with the Volume of the Niche. <i>Stem Cells and Development</i> , 2012, 21, 1090-1096.	1.1	9
622	Elephants Have Relatively the Largest Cerebellum Size of Mammals. <i>Anatomical Record</i> , 2012, 295, 661-672.	0.8	51
623	Thymosin β 4 induces folding of the developing optic tectum in the chicken (<i>Gallus domesticus</i>). <i>Journal of Comparative Neurology</i> , 2012, 520, 1650-1662.	0.9	13
624	Quantitative analysis of neocortical gyrencephaly in African elephants (<i>Loxodonta africana</i>) and six species of cetaceans: Comparison with other mammals. <i>Journal of Comparative Neurology</i> , 2012, 520, 2430-2439.	0.9	54
625	PHYLOGENETIC COMPARISON OF NEURON AND GLIA DENSITIES IN THE PRIMARY VISUAL CORTEX AND HIPPOCAMPUS OF CARNIVORES AND PRIMATES. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2551-2563.	1.1	20
626	Repeated antenatal corticosteroid treatments adversely affect neural transmission time and auditory thresholds in laboratory rats. <i>Neurotoxicology and Teratology</i> , 2012, 34, 196-205.	1.2	20
627	Faster scaling of visual neurons in cortical areas relative to subcortical structures in non-human primate brains. <i>Brain Structure and Function</i> , 2013, 218, 805-816.	1.2	32
628	Faster Scaling of Auditory Neurons in Cortical Areas Relative to Subcortical Structures in Primate Brains. <i>Brain, Behavior and Evolution</i> , 2013, 81, 209-218.	0.9	15
629	Evolutionary Development of Neural Systems in Vertebrates and Beyond. <i>Journal of Neurogenetics</i> , 2013, 27, 69-85.	0.6	18
630	Neuronal Migration and Brain Patterning. , 2013, , 431-456.		2
631	The Evolutions of Large Brain Size in Mammals: The 'Over-700-Gram Club Quartet'. <i>Brain, Behavior and Evolution</i> , 2013, 82, 68-78.	0.9	48
632	The cerebral cortex of Albert Einstein: a description and preliminary analysis of unpublished photographs. <i>Brain</i> , 2013, 136, 1304-1327.	3.7	47
633	Qualitative and Quantitative Aspects of the Microanatomy of the African Elephant Cerebellar Cortex. <i>Brain, Behavior and Evolution</i> , 2013, 81, 40-55.	0.9	19
634	Maternal immune activation affects litter success, size and neuroendocrine responses related to behavior in adult offspring. <i>Physiology and Behavior</i> , 2013, 119, 175-184.	1.0	35
635	Early-life stress has persistent effects on amygdala function and development in mice and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18274-18278.	3.3	240
636	The evolution of distributed association networks in the human brain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 648-665.	4.0	620

#	ARTICLE	IF	CITATIONS
637	New insights into differences in brain organization between Neanderthals and anatomically modern humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130168.	1.2	156
638	A Conserved Pattern of Differential Expansion of Cortical Areas in Simian Primates. <i>Journal of Neuroscience</i> , 2013, 33, 15120-15125.	1.7	172
639	Mice selectively bred for high voluntary wheel running have larger midbrains: support for the mosaic model of brain evolution. <i>Journal of Experimental Biology</i> , 2013, 216, 515-523.	0.8	51
640	Human brain evolution: transcripts, metabolites and their regulators. <i>Nature Reviews Neuroscience</i> , 2013, 14, 112-127.	4.9	196
641	The Cerebellum and Cognitive Function: 25 Years of Insight from Anatomy and Neuroimaging. <i>Neuron</i> , 2013, 80, 807-815.	3.8	905
642	Visual callosal topography in the absence of retinal input. <i>NeuroImage</i> , 2013, 81, 325-334.	2.1	30
643	Life's timekeeper. <i>Ageing Research Reviews</i> , 2013, 12, 567-578.	5.0	4
644	Trends in the evolution of life, brains and intelligence. <i>International Journal of Astrobiology</i> , 2013, 12, 186-207.	0.9	10
645	Brain development in rodents and humans: Identifying benchmarks of maturation and vulnerability to injury across species. <i>Progress in Neurobiology</i> , 2013, 106-107, 1-16.	2.8	1,543
646	HDAC inhibitors dysregulate neural stem cell activity in the postnatal mouse brain. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 434-447.	0.7	48
648	Creb1-Mecp2-mCpG Complex Transactivates Postnatal Murine Neuronal Glucose Transporter Isoform 3 Expression. <i>Endocrinology</i> , 2013, 154, 1598-1611.	1.4	16
649	Topology of social networks and efficiency of collective intelligence methods. , 2013, , .		1
650	The origins of altruism in offspring care.. <i>Psychological Bulletin</i> , 2013, 139, 1305-1341.	5.5	282
651	Brain reorganization, not relative brain size, primarily characterizes anthropoid brain evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130269.	1.2	90
652	Human frontal lobes are not relatively large. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9001-9006.	3.3	129
653	Development of the Visual System. , 2013, , 249-269.		6
654	Variation in Human Brains May Facilitate Evolutionary Change toward a Limited Range of Phenotypes. <i>Brain, Behavior and Evolution</i> , 2013, 81, 74-85.	0.9	34
655	How Brains Are Built: Genetics and Evolution. <i>Brain, Behavior and Evolution</i> , 2013, 81, 71-73.	0.9	2

#	ARTICLE	IF	CITATIONS
656	The Human Frontal Lobes: Not Relatively Large but Still Disproportionately Important? A Commentary on Barton and Venditti. <i>Brain, Behavior and Evolution</i> , 2013, 82, 147-149.	0.9	14
657	Differential changes in the cellular composition of the developing marsupial brain. <i>Journal of Comparative Neurology</i> , 2013, 521, 2602-2620.	0.9	16
658	Giftedness and cultural accumulation: an information processing perspective. <i>High Ability Studies</i> , 2013, 24, 153-170.	1.0	12
659	Modeling Transformations of Neurodevelopmental Sequences across Mammalian Species. <i>Journal of Neuroscience</i> , 2013, 33, 7368-7383.	1.7	687
660	Mapping longitudinal cerebral cortex development using diffusion tensor imaging. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
661	Evolutionary ecology of intraspecific brain size variation: a review. <i>Ecology and Evolution</i> , 2013, 3, 2751-2764.	0.8	112
662	Reconsidering the evolution of brain, cognition, and behavior in birds and mammals. <i>Frontiers in Psychology</i> , 2013, 4, 396.	1.1	40
663	Human Brain Evolution. , 2013, , 901-918.		21
664	Specification of Cortical Projection Neurons. , 2013, , 475-502.		4
665	A Neural Network Model to Translate Brain Developmental Events across Mammalian Species. <i>PLoS ONE</i> , 2013, 8, e53225.	1.1	1
666	Evolution, development, and plasticity of the human brain: from molecules to bones. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 707.	1.0	50
668	Ganglion Cell and Displaced Amacrine Cell Density Distribution in the Retina of the Howler Monkey (<i>Alouatta caraya</i>). <i>PLoS ONE</i> , 2014, 9, e115291.	1.1	24
669	Greater addition of neurons to the olfactory bulb than to the cerebral cortex of eulipotyphlans but not rodents, afrotherians or primates. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 23.	0.9	22
670	What can volumes reveal about human brain evolution? A framework for bridging behavioral, histometric, and volumetric perspectives. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 51.	0.9	26
671	Constancy and trade-offs in the neuroanatomical and metabolic design of the cerebral cortex. <i>Frontiers in Neural Circuits</i> , 2014, 8, 9.	1.4	34
672	Distinct developmental growth patterns account for the disproportionate expansion of the rostral and caudal isocortex in evolution. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 190.	1.0	4
673	Evidence for evolutionary specialization in human limbic structures. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 277.	1.0	59
675	Evo-Devo and the Primate Isocortex: The Central Organizing Role of Intrinsic Gradients of Neurogenesis. <i>Brain, Behavior and Evolution</i> , 2014, 84, 81-92.	0.9	53

#	ARTICLE	IF	CITATIONS
676	Longitudinal four-dimensional mapping of subcortical anatomy in human development. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1592-1597.	3.3	278
677	A method for assessing nonlinear growth in the fetal cortex. , 2014, 2014, 1525-8.		0
678	Genome-wide distribution of Auts2 binding localizes with active neurodevelopmental genes. Translational Psychiatry, 2014, 4, e431-e431.	2.4	51
679	Modeling local and cross-species neuron number variations in the cerebral cortex as arising from a common mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17642-17647.	3.3	66
680	Early experience and reproductive morph both affect brain morphology in adult male Chinook salmon (<i>Oncorhynchus tshawytscha</i>). Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1430-1436.	0.7	7
681	An Adaptive Threshold in Mammalian Neocortical Evolution. PLoS Biology, 2014, 12, e1002000.	2.6	139
683	Gene co-regulation by Fezf2 selects neurotransmitter identity and connectivity of corticospinal neurons. Nature Neuroscience, 2014, 17, 1046-1054.	7.1	121
684	Practitioner Review: Maternal mood in pregnancy and child development – implications for child psychology and psychiatry. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2014, 55, 99-111.	3.1	100
685	The social network-network: size is predicted by brain structure and function in the amygdala and paralimbic regions. Social Cognitive and Affective Neuroscience, 2014, 9, 1962-1972.	1.5	114
686	Synaptosomal Lactate Dehydrogenase Isoenzyme Composition Is Shifted toward Aerobic Forms in Primate Brain Evolution. Brain, Behavior and Evolution, 2014, 83, 216-230.	0.9	16
687	Brain mechanisms of acoustic communication in humans and nonhuman primates: An evolutionary perspective. Behavioral and Brain Sciences, 2014, 37, 529-546.	0.4	173
688	Maternal and postweaning high-fat diets disturb hippocampal gene expression, learning, and memory function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R527-R537.	0.9	90
689	Modification of spectral features by nonhuman primates. Behavioral and Brain Sciences, 2014, 37, 574-576.	0.4	5
690	Brain scaling in mammalian evolution as a consequence of concerted and mosaic changes in numbers of neurons and average neuronal cell size. Frontiers in Neuroanatomy, 2014, 8, 77.	0.9	151
691	Interpreting sulci on hominin endocasts: old hypotheses and new findings. Frontiers in Human Neuroscience, 2014, 8, 134.	1.0	65
692	Neuron-Specific (Pro)renin Receptor Knockout Prevents the Development of Salt-Sensitive Hypertension. Hypertension, 2014, 63, 316-323.	1.3	88
693	Variation in Brain Organization of Coral Reef Fish Larvae according to Life History Traits. Brain, Behavior and Evolution, 2014, 83, 17-30.	0.9	18
695	Sperm Whales and Killer Whales with the Largest Brains of All Toothed Whales Show Extreme Differences in Cerebellum. Brain, Behavior and Evolution, 2014, 83, 266-274.	0.9	27

#	ARTICLE	IF	CITATIONS
696	Revisiting Einstein's brain in Brain Awareness Week. <i>BioScience Trends</i> , 2014, 8, 286-289.	1.1	1
697	Role of radial glial cells in cerebral cortex folding. <i>Current Opinion in Neurobiology</i> , 2014, 27, 39-46.	2.0	194
698	Immune system: A possible nexus between cannabinoids and psychosis. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 269-282.	2.0	47
699	NSF workshop report: Discovering general principles of nervous system organization by comparing brain maps across species. <i>Journal of Comparative Neurology</i> , 2014, 522, 1445-1453.	0.9	35
700	Comparative primate neuroimaging: insights into human brain evolution. <i>Trends in Cognitive Sciences</i> , 2014, 18, 46-55.	4.0	187
701	Autism-relevant social abnormalities in mice exposed perinatally to extremely low frequency electromagnetic fields. <i>International Journal of Developmental Neuroscience</i> , 2014, 37, 58-64.	0.7	14
702	Identification of a transient Sox5 expressing progenitor population in the neonatal ventral forebrain by a novel cis-regulatory element. <i>Developmental Biology</i> , 2014, 393, 183-193.	0.9	5
703	Modular structure facilitates mosaic evolution of the brain in chimpanzees and humans. <i>Nature Communications</i> , 2014, 5, 4469.	5.8	79
704	Rapid Evolution of the Cerebellum in Humans and Other Great Apes. <i>Current Biology</i> , 2014, 24, 2440-2444.	1.8	194
705	The evolution of self-control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2140-8.	3.3	602
706	Early life epigenetic programming and transmission of stress-induced traits in mammals. <i>BioEssays</i> , 2014, 36, 491-502.	1.2	110
707	Modeling the Evolution of the Cerebellum. <i>Progress in Brain Research</i> , 2014, 210, 193-216.	0.9	16
708	Microcephaly genes evolved adaptively throughout the evolution of eutherian mammals. <i>BMC Evolutionary Biology</i> , 2014, 14, 120.	3.2	28
709	Evolution of lifespan. <i>Journal of Theoretical Biology</i> , 2014, 358, 232-245.	0.8	2
710	Development of Layer 1 Neurons in the Mouse Neocortex. <i>Cerebral Cortex</i> , 2014, 24, 2604-2618.	1.6	49
711	The Evolution of Social Communication in Primates. <i>Interdisciplinary Evolution Research</i> , 2014, , .	0.2	5
712	Neural progenitors, neurogenesis and the evolution of the neocortex. <i>Development (Cambridge)</i> , 2014, 141, 2182-2194.	1.2	526
713	Mechanisms of brain evolution: Regulation of neural progenitor cell diversity and cell cycle length. <i>Neuroscience Research</i> , 2014, 86, 14-24.	1.0	69

#	ARTICLE	IF	CITATIONS
714	MLLT11/AF1q is differentially expressed in maturing neurons during development. <i>Gene Expression Patterns</i> , 2014, 15, 80-87.	0.3	19
715	Evolution of the human brain: when bigger is better. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 15.	0.9	191
716	Allocating structure to function: the strong links between neuroplasticity and natural selection. <i>Frontiers in Human Neuroscience</i> , 2014, 7, 918.	1.0	56
717	Led by the nose: Olfaction in primate feeding ecology. <i>Evolutionary Anthropology</i> , 2015, 24, 137-148.	1.7	96
718	Coevolution of radial glial cells and the cerebral cortex. <i>Glia</i> , 2015, 63, 1303-1319.	2.5	75
719	Brain composition in <i>Godyris zavaleta</i> , a diurnal butterfly, Reflects an increased reliance on olfactory information. <i>Journal of Comparative Neurology</i> , 2015, 523, 869-891.	0.9	69
722	How Elasmobranchs Sense Their Environment. <i>Fish Physiology</i> , 2015, 34, 19-99.	0.2	21
723	Nature's origami. <i>EMBO Reports</i> , 2015, 16, 1435-1438.	2.0	6
724	Evolution of anuran brains: disentangling ecological and phylogenetic sources of variation. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1986-1996.	0.8	50
725	Diversity in olfactory bulb size in birds reflects allometry, ecology, and phylogeny. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 102.	0.9	85
726	The pattern of c-Fos expression and its refractory period in the brain of rats and monkeys. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 72.	1.8	74
727	Ontogenetic shifts in brain scaling reflect behavioral changes in the life cycle of the pouched lamprey <i>Geotria australis</i> . <i>Frontiers in Neuroscience</i> , 2015, 9, 251.	1.4	19
728	Evolution of the Human Brain: From Matter to Mind. , 2015, , 65-82.		7
729	Brain adaptation and alternative developmental trajectories. <i>Development and Psychopathology</i> , 2015, 27, 425-442.	1.4	160
730	Incidence, severity, mortality, and confounding factors for dissecting AAA detection in angiotensin II-infused mice: a meta-analysis. <i>Cardiovascular Research</i> , 2015, 108, 159-170.	1.8	31
731	Spatiotemporal dynamics of the postnatal developing primate brain transcriptome. <i>Human Molecular Genetics</i> , 2015, 24, 4327-4339.	1.4	53
732	Neuromechanics. <i>Advances in Applied Mechanics</i> , 2015, , 79-139.	1.4	56
733	Mammalian Brains Are Made of These: A Dataset of the Numbers and Densities of Neuronal and Nonneuronal Cells in the Brain of Glires, Primates, Scandentia, Eulipotyphlans, Afrotherians and Artiodactyls, and Their Relationship with Body Mass. <i>Brain, Behavior and Evolution</i> , 2015, 86, 145-163.	0.9	176

#	ARTICLE	IF	CITATIONS
734	The Adolescent Brain: Insights from Neuroimaging. Research and Perspectives in Endocrine Interactions, 2015, , 85-96.	0.2	5
735	Trip6 Promotes Dendritic Morphogenesis through Dephosphorylated GRIP1-Dependent Myosin VI and F-Actin Organization. Journal of Neuroscience, 2015, 35, 2559-2571.	1.7	13
736	Compartmentation of the Cerebellar Cortex: Adaptation to Lifestyle in the Star-Nosed Mole Condylura cristata. Cerebellum, 2015, 14, 106-118.	1.4	17
737	Acrobatic Courtship Display Coevolves with Brain Size in Manakins (Pipridae). Brain, Behavior and Evolution, 2015, 85, 29-36.	0.9	34
738	Brain size variation in extremophile fish: local adaptation versus phenotypic plasticity. Journal of Zoology, 2015, 295, 143-153.	0.8	55
739	Evolution of Language. , 2015, , 493-503.		1
740	Cerebral complexity preceded enlarged brain size and reduced olfactory bulbs in Old World monkeys. Nature Communications, 2015, 6, 7580.	5.8	41
741	Rearing-Group Size Determines Social Competence and Brain Structure in a Cooperatively Breeding Cichlid. American Naturalist, 2015, 186, 123-140.	1.0	80
742	Size and curvature regulate pattern selection in the mammalian brain. Extreme Mechanics Letters, 2015, 4, 193-198.	2.0	50
743	Quantitative genetic analysis of brain size variation in sticklebacks: support for the mosaic model of brain evolution. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151008.	1.2	41
744	Evolution of the Cerebral Cortex. , 2015, , 3-10.		0
745	Connecting prosocial behavior to improved physical health: Contributions from the neurobiology of parenting. Neuroscience and Biobehavioral Reviews, 2015, 55, 1-17.	2.9	212
746	A comparison of biological and cultural evolution. Journal of Genetics, 2015, 94, 155-168.	0.4	7
747	Molecular genetics of human primary microcephaly: an overview. BMC Medical Genomics, 2015, 8, S4.	0.7	184
748	Neuroanatomical and Morphological Trait Clusters in the Ant Genus <i>Pheidole</i> : Evidence for Modularity and Integration in Brain Structure. Brain, Behavior and Evolution, 2015, 85, 63-76.	0.9	30
749	Development and function of human cerebral cortex neural networks from pluripotent stem cells <i>in vitro</i> . Development (Cambridge), 2015, 142, 3178-3187.	1.2	103
750	Meta-analysis of associations between human brain volume and intelligence differences: How strong are they and what do they mean?. Neuroscience and Biobehavioral Reviews, 2015, 57, 411-432.	2.9	305
751	Brain Mass and Cranial Nerve Size in Shrews and Moles. Scientific Reports, 2014, 4, 6241.	1.6	11

#	ARTICLE	IF	CITATIONS
752	Systematic, Cross-Cortex Variation in Neuron Numbers in Rodents and Primates. <i>Cerebral Cortex</i> , 2015, 25, 147-160.	1.6	131
754	Analysis of Synaptic Gene Expression in the Neocortex of Primates Reveals Evolutionary Changes in Glutamatergic Neurotransmission. <i>Cerebral Cortex</i> , 2015, 25, 1596-1607.	1.6	33
755	Not all sharks are "swimming noses": variation in olfactory bulb size in cartilaginous fishes. <i>Brain Structure and Function</i> , 2015, 220, 1127-1143.	1.2	105
756	In contrast to many other mammals, cetaceans have relatively small hippocampi that appear to lack adult neurogenesis. <i>Brain Structure and Function</i> , 2015, 220, 361-383.	1.2	130
757	Should neuroecologists separate Tinbergen's four questions?. <i>Behavioural Processes</i> , 2015, 117, 92-96.	0.5	5
758	Child Psychiatry Branch of the National Institute of Mental Health Longitudinal Structural Magnetic Resonance Imaging Study of Human Brain Development. <i>Neuropsychopharmacology</i> , 2015, 40, 43-49.	2.8	259
759	Reproductive Toxicology. , 0, , .		1
760	Derivation of Pluripotent Cells from Mouse SSCs Seems to Be Age Dependent. <i>Stem Cells International</i> , 2016, 2016, 1-13.	1.2	33
761	Neuroinflammation Induced by Surgery Does Not Impair the Reference Memory of Young Adult Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-8.	1.4	15
762	Taxonomic Separation of Hippocampal Networks: Principal Cell Populations and Adult Neurogenesis. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 22.	0.9	19
763	Prenatal Exposure to Arsenic Impairs Behavioral Flexibility and Cortical Structure in Mice. <i>Frontiers in Neuroscience</i> , 2016, 10, 137.	1.4	40
764	The Brain of the Domestic <i>Bos taurus</i> : Weight, Encephalization and Cerebellar Quotients, and Comparison with Other Domestic and Wild Cetartiodactyla. <i>PLoS ONE</i> , 2016, 11, e0154580.	1.1	26
766	Toxic hydrogen sulphide shapes brain anatomy: a comparative study of sulphide-adapted ecotypes in the <i>Poecilia mexicana</i> complex. <i>Journal of Zoology</i> , 2016, 300, 163-176.	0.8	13
767	Brain modularity across the theropod-bird transition: testing the influence of flight on neuroanatomical variation. <i>Journal of Anatomy</i> , 2016, 229, 204-214.	0.9	33
768	Novel splice-site mutation in <i>WDR62</i> revealed by whole-exome sequencing in a Sudanese family with primary microcephaly. <i>Congenital Anomalies (discontinued)</i> , 2016, 56, 135-137.	0.3	13
769	Neuroanatomical relationships between FMRFamide-immunoreactive components of the nervus terminalis and the topology of olfactory bulbs in teleost fish. <i>Cell and Tissue Research</i> , 2016, 364, 43-57.	1.5	16
770	Neural reuse leads to associative connections between concrete (physical) and abstract (social) concepts and motives. <i>Behavioral and Brain Sciences</i> , 2016, 39, e134.	0.4	0
771	Constraints and spandrels of interareal connectomes. <i>Nature Communications</i> , 2016, 7, 13812.	5.8	55

#	ARTICLE	IF	CITATIONS
772	Beyond disjoint brain networks: Overlapping networks for cognition and emotion. Behavioral and Brain Sciences, 2016, 39, e129.	0.4	11
773	PrÃ©cis of <i>After Phrenology: Neural Reuse and the Interactive Brain</i>. Behavioral and Brain Sciences, 2016, 39, e120.	0.4	75
779	Food Web Structure Shapes the Morphology of Teleost Fish Brains. Brain, Behavior and Evolution, 2016, 87, 128-138.	0.9	17
780	The grammar of mammalian brain capacity. Theoretical Computer Science, 2016, 633, 100-111.	0.5	6
781	Variability of brain anatomy for three common mouse strains. NeuroImage, 2016, 142, 656-662.	2.1	19
782	Extraordinary intelligence and the care of infants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6874-6879.	3.3	26
784	No evidence for larger brains in cooperatively breeding cichlid fishes. Canadian Journal of Zoology, 2016, 94, 373-378.	0.4	14
785	Epigenetic Programming of Hypothalamic Pomc Regulates Feeding and Obesity. Epigenetics and Human Health, 2016, , 135-163.	0.2	1
786	Zika Virus Infection during Pregnancy in Mice Causes Placental Damage and Fetal Demise. Cell, 2016, 165, 1081-1091.	13.5	737
787	How the prefrontal executive got its stripes. Current Opinion in Neurobiology, 2016, 40, 125-134.	2.0	77
788	Cerebral cortex expansion and folding: what have we learned?. EMBO Journal, 2016, 35, 1021-1044.	3.5	262
789	Scientific intuitions about the mind are wrong, misled by consciousness. Behavioral and Brain Sciences, 2016, 39, e128.	0.4	1
790	Pharmacokinetic and pharmacodynamic drug evaluation of tofogliflozin for the treatment of type 2 diabetes. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 1367-1380.	1.5	4
791	The Evolution of Technical Intelligence: Perspectives from the Hylobatidae. Developments in Primatology, 2016, , 291-311.	0.7	1
792	A registration problem for functional fingerprinting. Behavioral and Brain Sciences, 2016, 39, e124.	0.4	1
793	Becoming an expert: Ontogeny of expertise as an example of neural reuse. Behavioral and Brain Sciences, 2016, 39, e123.	0.4	5
794	Toward mechanistic models of action-oriented and detached cognition. Behavioral and Brain Sciences, 2016, 39, e130.	0.4	2
795	Artificial selection on male genitalia length alters female brain size. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161796.	1.2	17

#	ARTICLE	IF	CITATIONS
796	Reelin Regulates the Maturation of Dendritic Spines, Synaptogenesis and Glial Ensheathment of Newborn Granule Cells. <i>Cerebral Cortex</i> , 2016, 26, 4282-4298.	1.6	53
797	Brain evolution and development: adaptation, allometry and constraint. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160433.	1.2	79
798	The domesticated brain: genetics of brain mass and brain structure in an avian species. <i>Scientific Reports</i> , 2016, 6, 34031.	1.6	46
799	The Evolving Neural and Genetic Architecture of Vertebrate Olfaction. <i>Current Biology</i> , 2016, 26, R1039-R1049.	1.8	105
800	Reason for optimism: How a shifting focus on neural population codes is moving cognitive neuroscience beyond phrenology. <i>Behavioral and Brain Sciences</i> , 2016, 39, e126.	0.4	0
801	Why a developmental perspective is critical for understanding human cognition. <i>Behavioral and Brain Sciences</i> , 2016, 39, e122.	0.4	11
802	Social Inequalities in Health in Nonhuman Primates. <i>Developments in Primatology</i> , 2016, , .	0.7	5
803	Single exposure to cocaine impairs aspartate uptake in the pre-frontal cortex via dopamine D1-receptor dependent mechanisms. <i>Neuroscience</i> , 2016, 329, 326-336.	1.1	11
804	Modulation of linguistic prediction by TDCS of the right lateral cerebellum. <i>Neuropsychologia</i> , 2016, 86, 103-109.	0.7	33
805	Why direct effects of predation complicate the social brain hypothesis. <i>BioEssays</i> , 2016, 38, 568-577.	1.2	32
806	Ontogeny of ABC and SLC transporters in the microvessels of developing rat brain. <i>Fundamental and Clinical Pharmacology</i> , 2016, 30, 107-116.	1.0	15
807	Review: Cortical construction in autism spectrum disorder: columns, connectivity and the subplate. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 115-134.	1.8	94
808	A unique cellular scaling rule in the avian auditory system. <i>Brain Structure and Function</i> , 2016, 221, 2675-2693.	1.2	7
809	Brain size predicts problem-solving ability in mammalian carnivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2532-2537.	3.3	285
810	Maternal Vitamin D Deficiency Programs Reproductive Dysfunction in Female Mice Offspring Through Adverse Effects on the Neuroendocrine Axis. <i>Endocrinology</i> , 2016, 157, 1535-1545.	1.4	19
811	Evolution of cytoarchitectural landscapes in the mammalian isocortex: Sirenians (<i>Trichechus</i>)	1.0784314	11
812	An Allometric Analysis of Sex and Sex Chromosome Dosage Effects on Subcortical Anatomy in Humans. <i>Journal of Neuroscience</i> , 2016, 36, 2438-2448.	1.7	64
813	Maternal separation induces neuroinflammation and long-lasting emotional alterations in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 104-117.	2.5	110

#	ARTICLE	IF	CITATIONS
814	Evolution of the hippocampus in reptiles and birds. <i>Journal of Comparative Neurology</i> , 2016, 524, 496-517.	0.9	116
815	Matrix Metalloproteinase-9 Regulates Neuronal Circuit Development and Excitability. <i>Molecular Neurobiology</i> , 2016, 53, 3477-3493.	1.9	30
816	Down-Regulation of Neuregulin1/ErbB4 Signaling in the Hippocampus Is Critical for Learning and Memory. <i>Molecular Neurobiology</i> , 2017, 54, 3976-3987.	1.9	45
817	Expressional profile of the diacylglycerol kinase eta gene DGKH. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 445-454.	1.8	4
818	Deciphering the genomic architecture of the stickleback brain with a novel multilocus geneâ€m mapping approach. <i>Molecular Ecology</i> , 2017, 26, 1557-1575.	2.0	20
819	High dietary folate in pregnant mice leads to pseudo-MTHFR deficiency and altered methyl metabolism, with embryonic growth delay and short-term memory impairment in offspring. <i>Human Molecular Genetics</i> , 2017, 26, ddx004.	1.4	61
820	Exceptional Evolutionary Expansion of Prefrontal Cortex in Great Apes and Humans. <i>Current Biology</i> , 2017, 27, 714-720.	1.8	128
821	Is sporadic Alzheimerâ€™s disease a developmental disorder?. <i>Journal of Neurochemistry</i> , 2017, 143, 396-408.	2.1	61
822	Brain Evolution and Emotions. , 2017, , 71-78.		0
823	Ageâ€specific function of Î±5Î²1 integrin in microglial migration during early colonization of the developing mouse cortex. <i>Glia</i> , 2017, 65, 1072-1088.	2.5	22
824	Religious Beliefs, Evolutionary Psychiatry, and Mental Health in America. <i>Religion, Spirituality and Health: A Social Scientific Approach</i> , 2017, , .	0.2	31
825	Poor human olfaction is a 19th-century myth. <i>Science</i> , 2017, 356, .	6.0	310
826	Minimal variation in eutherian brain growth rates during fetal neurogenesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170219.	1.2	54
827	Concerted and mosaic evolution of functional modules in songbird brains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170469.	1.2	20
828	Regulation of Cerebral Cortex Folding by Controlling Neuronal Migration via FLRT Adhesion Molecules. <i>Cell</i> , 2017, 169, 621-635.e16.	13.5	105
829	Overview on the Current Status of Zika Virus Pathogenesis and Animal Related Research. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 371-388.	2.1	18
830	Sociality in Primates. , 2017, , 253-283.		18
831	An inclusive account of mind across spatiotemporal scales of cognition. <i>Journal of Cultural Cognitive Science</i> , 2017, 1, 25-38.	0.5	7

#	ARTICLE	IF	CITATIONS
832	Human brain evolution. <i>Current Opinion in Behavioral Sciences</i> , 2017, 16, 41-45.	2.0	34
833	Allometric Analysis Detects Brain Size-Independent Effects of Sex and Sex Chromosome Complement on Human Cerebellar Organization. <i>Journal of Neuroscience</i> , 2017, 37, 5221-5231.	1.7	65
834	Gradients in cytoarchitectural landscapes of the isocortex: Diprotodont marsupials in comparison to eutherian mammals. <i>Journal of Comparative Neurology</i> , 2017, 525, 1811-1826.	0.9	15
835	Prenatal transplantation of epidermal neural crest stem cells in malformation of cortical development mouse model. <i>Microscopy Research and Technique</i> , 2017, 80, 394-405.	1.2	5
836	H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. <i>Cancer Cell</i> , 2017, 32, 684-700.e9.	7.7	192
837	Evolution of brain region volumes during artificial selection for relative brain size. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2942-2951.	1.1	30
838	Long Non Coding RNA Biology. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	18
839	Histology Atlas of the Developing Prenatal and Postnatal Mouse Central Nervous System, with Emphasis on Prenatal Days E7.5 to E18.5. <i>Toxicologic Pathology</i> , 2017, 45, 705-744.	0.9	114
840	The Evolution of Mammalian Brains from Early Mammals to Present-Day Primates. , 2017, , 59-80.		10
841	Developmental Sequences Predict Increased Connectivity in Brain Evolution: A Comparative Analysis of Developmental Timing, Gene Expression, Neuron Numbers, and Diffusion MR Tractography. , 2017, , 81-98.		1
842	Evidence for Concerted and Mosaic Brain Evolution in Dragon Lizards. <i>Brain, Behavior and Evolution</i> , 2017, 90, 211-223.	0.9	30
843	On the Matter of Mind: Neural Complexity and Functional Dynamics of the Human Brain. , 2017, , 147-167.		1
844	Coevolution of cultural intelligence, extended life history, sociality, and brain size in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7908-7914.	3.3	148
845	Evolution of the Human Nervous System Function, Structure, and Development. <i>Cell</i> , 2017, 170, 226-247.	13.5	316
846	Fads3 modulates docosahexaenoic acid in liver and brain. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 123, 25-32.	1.0	23
847	Understanding the Role of lncRNAs in Nervous System Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1008, 253-282.	0.8	42
848	Genetic maps and patterns of cerebral cortex folding. <i>Current Opinion in Cell Biology</i> , 2017, 49, 31-37.	2.6	26
849	Age, sex, and TNF associated differences in the gut microbiota of mice and their impact on acute TNBS colitis. <i>Experimental and Molecular Pathology</i> , 2017, 103, 311-319.	0.9	60

#	ARTICLE	IF	CITATIONS
850	What Makes the Human Brain Special: Key Features of Brain and Neocortex. Springer Series in Cognitive and Neural Systems, 2017, , 3-22.	0.1	9
851	Why are there so many explanations for primate brain evolution?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160244.	1.8	198
852	The development of lower respiratory tract microbiome in mice. Microbiome, 2017, 5, 61.	4.9	49
853	Testing hypotheses of developmental constraints on mammalian brain partition evolution, using marsupials. Scientific Reports, 2017, 7, 4241.	1.6	24
854	Molecular analysis of 23 Pakistani families with autosomal recessive primary microcephaly using targeted next-generation sequencing. Journal of Human Genetics, 2017, 62, 299-304.	1.1	15
855	Sexual selection predicts brain structure in dragon lizards. Journal of Evolutionary Biology, 2017, 30, 244-256.	0.8	16
856	Combining diffusion magnetic resonance tractography with stereology highlights increased cross-cortical integration in primates. Journal of Comparative Neurology, 2017, 525, 1075-1093.	0.9	36
857	Copb2 is essential for embryogenesis and hypomorphic mutations cause human microcephaly. Human Molecular Genetics, 2017, 26, 4836-4848.	1.4	47
858	A translational model to determine rodent's age from human foetal age. Scientific Reports, 2017, 7, 17248.	1.6	25
859	Activity Dependent Modulation of Granule Cell Survival in the Accessory Olfactory Bulb at Puberty. Frontiers in Neuroanatomy, 2017, 11, 44.	0.9	13
860	Neurotoxicity in Preclinical Models of Occupational Exposure to Organophosphorus Compounds. Frontiers in Neuroscience, 2016, 10, 590.	1.4	82
861	The Human Brain. , 2017, , 125-149.		15
862	Comparative Structure of the Cerebral Cortex in Large Mammals. , 2017, , 267-289.		4
863	Genetics of Cerebellar and Neocortical Expansion in Anthropoid Primates: A Comparative Approach. Brain, Behavior and Evolution, 2017, 89, 274-285.	0.9	21
864	Differential Proteomics of the Cerebral Cortex of Juvenile, Adult and Aged Rats: An Ontogenetic Study. Journal of Proteomics and Bioinformatics, 2017, 10, .	0.4	3
865	Evolution of the Human Brain: Design Without a Designer. , 2017, , 153-167.		0
866	The Diencephalon and Hypothalamus of Nonmammalian Vertebrates: Evolutionary and Developmental Traits. , 2017, , 409-426.		16
867	White Matter Expansion. , 2017, , 291-308.		2

#	ARTICLE	IF	CITATIONS
868	Evolved Mechanisms of High-Level Visual Perception in Primates. , 2017, , 203-235.		8
869	Scaling Up the Simian Primate Cortex: A Conserved Pattern of Expansion Across Brain Sizes. , 2017, , 99-111.		2
870	Developmental Programs and Gene Expression Patterns Yield Insights Into the Evolution of Primate Cortical Circuitry. , 2017, , 91-97.		0
871	The Timing of Brain Maturation, Early Experience, and the Human Social Niche. , 2017, , 123-148.		14
872	The Developmental Basis of Evolutionary Trends in Primate Encephalization. , 2017, , 149-162.		12
873	Evolution of the Human Brain. , 2017, , .		0
874	Brain Scaling Laws â†. , 2017, , .		0
875	The Organization of Neocortex in Early Mammals. , 2017, , 87-101.		3
876	Evolution of Large Brain and Body Size in Mammals. , 2017, , 103-136.		8
877	Comparative Biology and Species Effects on Expression of Epilepsy. , 2017, , 7-19.		1
878	What Modern Mammals Teach About the Cellular Composition of Early Brains and Mechanisms of Brain Evolution. , 2017, , 153-180.		2
879	EvoluciÃ³n y genÃ©mica del cerebro humano. NeurologÃ­a, 2018, 33, 254-265.	0.3	4
880	The Myth of Optimality in Clinical Neuroscience. Trends in Cognitive Sciences, 2018, 22, 241-257.	4.0	70
881	Evolution and genomics of the human brain. NeurologÃ­a (English Edition), 2018, 33, 254-265.	0.2	0
882	Stochastic Modeling of Radiation-induced Dendritic Damage on in silico Mouse Hippocampal Neurons. Scientific Reports, 2018, 8, 5494.	1.6	14
883	Endocranial Development in the Coyote (<i>Canis latrans</i>) and Gray Wolf (<i>Canis lupus</i>): A Computed Tomographic Study. Brain, Behavior and Evolution, 2018, 91, 65-81.	0.9	9
884	The Evolution of the Frontal Lobe in Humans. , 2018, , 205-218.		8
885	Landmarking Brains. , 2018, , 115-126.		6

#	ARTICLE	IF	CITATIONS
886	Digital Endocasts. , 2018, , .		19
887	Dynamic metabolic patterns tracking neurodegeneration and gliosis following 26S proteasome dysfunction in mouse forebrain neurons. <i>Scientific Reports</i> , 2018, 8, 4833.	1.6	9
888	Structural brain development: A review of methodological approaches and best practices. <i>Developmental Cognitive Neuroscience</i> , 2018, 33, 129-148.	1.9	94
889	The endocranial shape of <i>Australopithecus africanus</i> : surface analysis of the endocasts of Sts 5 and Sts 60. <i>Journal of Anatomy</i> , 2018, 232, 296-303.	0.9	13
890	Comprehensive computational modelling of the development of mammalian cortical connectivity underlying an architectonic type principle. <i>PLoS Computational Biology</i> , 2018, 14, e1006550.	1.5	20
891	Extreme Enlargement of the Cerebellum in a Clade of Teleost Fishes that Evolved a Novel Active Sensory System. <i>Current Biology</i> , 2018, 28, 3857-3863.e3.	1.8	35
892	Scaling of the corpus callosum in wild and domestic canids: Insights into the domesticated brain. <i>Journal of Comparative Neurology</i> , 2018, 526, 2341-2359.	0.9	9
893	Shaping Diversity Into the Brain's Form and Function. <i>Frontiers in Neural Circuits</i> , 2018, 12, 83.	1.4	17
894	Comparing Adult Hippocampal Neurogenesis Across Species: Translating Time to Predict the Tempo in Humans. <i>Frontiers in Neuroscience</i> , 2018, 12, 706.	1.4	54
895	A novel non sense mutation in WDR62 causes autosomal recessive primary microcephaly: a case report. <i>BMC Medical Genetics</i> , 2018, 19, 118.	2.1	8
896	9. Role of stem cells on evolution: a hypothesis. , 2018, , 173-187.		0
897	<i>WT1</i> -Expressing Interneurons Regulate Left-Right Alternation during Mammalian Locomotor Activity. <i>Journal of Neuroscience</i> , 2018, 38, 5666-5676.	1.7	45
898	Olfaction in the Zebra Finch (<i>Taeniopygia guttata</i>): What Is Known and Further Perspectives. <i>Advances in the Study of Behavior</i> , 2018, 50, 37-85.	1.0	16
899	Evolution of Cortical Neurogenesis in Amniotes Controlled by Robo Signaling Levels. <i>Cell</i> , 2018, 174, 590-606.e21.	13.5	132
900	On the Origins of Adaptive Behavioral Complexity: Developmental Channeling of Structural Trade-offs. <i>Advances in the Study of Behavior</i> , 2018, , 1-36.	1.0	20
901	Inferring Evolutionary Process From Neuroanatomical Data. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 54.	0.9	5
902	Humans and Dolphins: Decline and Fall of Adult Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 497.	1.4	30
903	GABA and Gap Junctions in the Development of Synchronized Activity in Human Pluripotent Stem Cell-Derived Neural Networks. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 56.	1.8	17

#	ARTICLE	IF	CITATIONS
904	“Till Death Do Us Part”: A Potential Irreversible Link Between Aberrant Cell Cycle Control and Neurodegeneration in the Adult Olfactory Bulb. <i>Frontiers in Neuroscience</i> , 2018, 12, 144.	1.4	13
905	A cerebellar substrate for cognition evolved multiple times independently in mammals. <i>ELife</i> , 2018, 7, .	2.8	50
906	How Areal Specification Shapes the Local and Interareal Circuits in a Macaque Model of Congenital Blindness. <i>Cerebral Cortex</i> , 2018, 28, 3017-3034.	1.6	24
907	Mammalian brain development and our grandmothing life history. <i>Physiology and Behavior</i> , 2018, 193, 55-68.	1.0	37
908	Profound seasonal changes in brain size and architecture in the common shrew. <i>Brain Structure and Function</i> , 2018, 223, 2823-2840.	1.2	33
909	Breakdown of brain-body allometry and the encephalization of birds and mammals. <i>Nature Ecology and Evolution</i> , 2018, 2, 1492-1500.	3.4	110
910	Development and Evolution of Cerebral and Cerebellar Cortex. <i>Brain, Behavior and Evolution</i> , 2018, 91, 158-169.	0.9	97
911	Brain differences in ecologically differentiated sticklebacks. <i>Environmental Epigenetics</i> , 2018, 64, 243-250.	0.9	12
912	Wild and laboratory exposure to cues of predation risk increases relative brain mass in male guppies. <i>Functional Ecology</i> , 2018, 32, 1847-1856.	1.7	28
913	Primate Brain Anatomy: New Volumetric MRI Measurements for Neuroanatomical Studies. <i>Brain, Behavior and Evolution</i> , 2018, 91, 109-117.	0.9	23
914	Sociality does not drive the evolution of large brains in eusocial African mole-rats. <i>Scientific Reports</i> , 2018, 8, 9203.	1.6	36
915	Response to “Fallacies of Mice Experiments”. <i>Neuroinformatics</i> , 2019, 17, 475-478.	1.5	5
916	Generic Homo sapiens and Unique Mus musculus: Establishing the Typicality of the Modeled and the Model Species. <i>Brain, Behavior and Evolution</i> , 2019, 93, 122-136.	0.9	2
917	Fellow travellers in cognitive evolution: Co-evolution of working memory and mental time travel?. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 94-105.	2.9	11
918	Scaling Principles of Distributed Circuits. <i>Current Biology</i> , 2019, 29, 2533-2540.e7.	1.8	15
919	Comparative Brain Morphology of the Greenland and Pacific Sleeper Sharks and its Functional Implications. <i>Scientific Reports</i> , 2019, 9, 10022.	1.6	19
920	Whatever you want: Inconsistent results are the rule, not the exception, in the study of primate brain evolution. <i>PLoS ONE</i> , 2019, 14, e0218655.	1.1	23
921	Invariable stoichiometry of ribosomal proteins in mouse brain tissues with aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22567-22572.	3.3	22

#	ARTICLE	IF	CITATIONS
922	Region-specific changes in <i>Mus musculus</i> brain size and cell composition under chronic nutrient restriction. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	5
923	Mosaic and Concerted Brain Evolution: The Contribution of Microscopic Comparative Neuroanatomy in Lower Vertebrates. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 86.	0.9	9
924	Biological interpretations of the biphasic model of ontogenetic brain-body allometry: a reply to Packard. <i>Biological Journal of the Linnean Society</i> , 0, , .	0.7	1
925	Life history changes accompany increased numbers of cortical neurons: A new framework for understanding human brain evolution. <i>Progress in Brain Research</i> , 2019, 250, 179-216.	0.9	11
926	Dynamic postnatal development of the cellular and circuit properties of striatal D1 and D2 spiny projection neurons. <i>Journal of Physiology</i> , 2019, 597, 5265-5293.	1.3	29
927	Co-evolution of cerebral and cerebellar expansion in cetaceans. <i>Journal of Evolutionary Biology</i> , 2019, 32, 1418-1431.	0.8	11
928	A Gross Morphometric Study of Olfactory Brain Components in the Rufous Sengi (<i>Elephantulus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 5	0.1	1
929	Primate mosaic brain evolution reflects selection on sensory and cognitive specialization. <i>Nature Ecology and Evolution</i> , 2019, 3, 1483-1493.	3.4	61
930	Allometry, evolution and development of neocortex size in mammals. <i>Progress in Brain Research</i> , 2019, 250, 83-107.	0.9	8
931	Toward an understanding of the habenula's various roles in human depression. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 607-612.	1.0	25
932	Structural Variability in the Human Brain Reflects Fine-Grained Functional Architecture at the Population Level. <i>Journal of Neuroscience</i> , 2019, 39, 6136-6149.	1.7	29
933	Animal and human studies on developmental monaural hearing loss. <i>Hearing Research</i> , 2019, 380, 60-74.	0.9	35
934	Brain size expansion in primates and humans is explained by a selective modular expansion of the cortico-cerebellar system. <i>Cortex</i> , 2019, 118, 292-305.	1.1	37
935	Newly Generated and Non-Newly Generated "Immature" Neurons in the Mammalian Brain: A Possible Reservoir of Young Cells to Prevent Brain Aging and Disease?. <i>Journal of Clinical Medicine</i> , 2019, 8, 685.	1.0	35
936	Development of Visual-Spatial Attention. <i>Current Topics in Behavioral Neurosciences</i> , 2019, 41, 37-58.	0.8	6
937	Emergence of synaptic and cognitive impairment in a mature-onset APP mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2019, 7, 25.	2.4	28
938	Developmental exposure to mercury chloride impairs social behavior in male offspring dependent on genetic background and maternal autoimmune environment. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 1-13.	1.3	10
939	On the nature and evolution of the human mind. <i>Progress in Brain Research</i> , 2019, 250, 251-283.	0.9	5

#	ARTICLE	IF	CITATIONS
940	Craniofacial skeletal response to encephalization: How do we know what we think we know?. <i>American Journal of Physical Anthropology</i> , 2019, 168, 27-46.	2.1	18
941	Collective personalities: present knowledge and new frontiers. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	33
942	Human exceptionalism, our ordinary cortex and our research futures. <i>Developmental Psychobiology</i> , 2019, 61, 317-322.	0.9	16
943	Genetics of human brain evolution. <i>Progress in Brain Research</i> , 2019, 250, 3-39.	0.9	4
944	Behavioral evolution contributes to hindbrain diversification among Lake Malawi cichlid fish. <i>Scientific Reports</i> , 2019, 9, 19994.	1.6	10
945	Cerebral cortical folding, parcellation, and connectivity in humans, nonhuman primates, and mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26173-26180.	3.3	130
946	The Effect of Onset Age of Visual Deprivation on Visual Cortex Surface Area Across-Species. <i>Cerebral Cortex</i> , 2019, 29, 4321-4333.	1.6	14
947	The endocast of StW 573 (‘‘Little Foot’’) and hominin brain evolution. <i>Journal of Human Evolution</i> , 2019, 126, 112-123.	1.3	34
948	Absolute brain size predicts dog breed differences in executive function. <i>Animal Cognition</i> , 2019, 22, 187-198.	0.9	56
949	Evolution of the Nervous System in Relation to Behavior. , 2019, , 33-40.		0
950	Not all cortical expansions are the same: the coevolution of the neocortex and the dorsal thalamus in mammals. <i>Current Opinion in Neurobiology</i> , 2019, 56, 78-86.	2.0	29
951	High-Expanding Regions in Primate Cortical Brain Evolution Support Supramodal Cognitive Flexibility. <i>Cerebral Cortex</i> , 2019, 29, 3891-3901.	1.6	20
952	A 3D population-based brain atlas of the mouse lemur primate with examples of applications in aging studies and comparative anatomy. <i>NeuroImage</i> , 2019, 185, 85-95.	2.1	21
953	Rates of human-macaque interactions affect grooming behavior among urban-dwelling rhesus macaques (<i>Macaca mulatta</i>). <i>American Journal of Physical Anthropology</i> , 2019, 168, 92-103.	2.1	36
954	Alcohol-dependent pulmonary inflammation: A role for HMGB-1. <i>Alcohol</i> , 2019, 80, 45-52.	0.8	14
955	Using brain organoids to study human neurodevelopment, evolution and disease. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2020, 9, e347.	5.9	23
956	The abiding relevance of mouse models of rare mutations to psychiatric neuroscience and therapeutics. <i>Schizophrenia Research</i> , 2020, 217, 37-51.	1.1	9
957	Molecular and cellular evolution of corticogenesis in amniotes. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1435-1460.	2.4	51

#	ARTICLE	IF	CITATIONS
958	Construction and reconstruction of brain circuits: normal and pathological axon guidance. <i>Journal of Neurochemistry</i> , 2020, 153, 10-32.	2.1	18
959	Unique Features of Subcortical Circuits in a Macaque Model of Congenital Blindness. <i>Cerebral Cortex</i> , 2020, 30, 1407-1421.	1.6	3
960	High Angular Resolution Diffusion MRI Reveals Conserved and Deviant Programs in the Paths that Guide Human Cortical Circuitry. <i>Cerebral Cortex</i> , 2020, 30, 1447-1464.	1.6	8
961	The amygdala of the common shrew, guinea pig, rabbit, fox and pig: five flavours of the mammalian amygdala as a consequence of clade-specific mosaic-like evolution. <i>Journal of Anatomy</i> , 2020, 236, 891-905.	0.9	7
962	Developmental duration as an organizer of the evolving mammalian brain: scaling, adaptations, and exceptions. <i>Evolution & Development</i> , 2020, 22, 181-195.	1.1	8
963	NBS1 interacts with Notch signaling in neuronal homeostasis. <i>Nucleic Acids Research</i> , 2020, 48, 10924-10939.	6.5	13
964	Systematic modelling of the development of laminar projection origins in the cerebral cortex: Interactions of spatio-temporal patterns of neurogenesis and cellular heterogeneity. <i>PLoS Computational Biology</i> , 2020, 16, e1007991.	1.5	4
965	An integrative understanding of comparative cognition: lessons from human brain evolution. <i>Integrative and Comparative Biology</i> , 2020, 60, 991-1006.	0.9	5
967	When ontogeny recapitulates phylogeny: Fixed neurodevelopmental sequence of manipulative skills among primates. <i>Science Advances</i> , 2020, 6, eabb4685.	4.7	19
968	Brain of the African wild dog. I. Anatomy, architecture, and volumetrics. <i>Journal of Comparative Neurology</i> , 2020, 528, 3245-3261.	0.9	6
969	Perinatal exposure to nicotine disrupts circadian locomotor and learning efficiency rhythms in juvenile mice. <i>Brain Structure and Function</i> , 2020, 225, 2287-2297.	1.2	4
970	Selection for reduced fear in red junglefowl changes brain composition and affects fear memory. <i>Royal Society Open Science</i> , 2020, 7, 200628.	1.1	6
971	Brain Volume Fractions in Mammals in Relation to Behavior in Carnivores, Primates, Ungulates, and Rodents. <i>Brain, Behavior and Evolution</i> , 2020, 95, 102-112.	0.9	3
972	The BXD21/TyJ recombinant inbred strain as a model for innate inflammatory response in distinct brain regions. <i>Scientific Reports</i> , 2020, 10, 13168.	1.6	3
973	Olfactory receptor gene evolution is unusually rapid across Tetrapoda and outpaces chemosensory phenotypic change. <i>Environmental Epigenetics</i> , 2020, 66, 505-514.	0.9	20
974	Peeking Inside the Lizard Brain: Neuron Numbers in <i>Anolis</i> and Its Implications for Cognitive Performance and Vertebrate Brain Evolution. <i>Integrative and Comparative Biology</i> , 2023, 63, 223-237.	0.9	6
975	Coiled-coil domain containing 50-V2 protein positively regulates neurite outgrowth. <i>Scientific Reports</i> , 2020, 10, 21295.	1.6	2
976	A 2020 view of tension-based cortical morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32868-32879.	3.3	74

#	ARTICLE	IF	CITATIONS
977	Role of NDE1 in the Development and Evolution of the Gyrfied Cortex. <i>Frontiers in Neuroscience</i> , 2020, 14, 617513.	1.4	8
978	Comprehensive spatiotemporal DNA methylation analysis of mouse tissue and organ progression through fetal development to adulthood. <i>Biology of Reproduction</i> , 2020, 103, 915-917.	1.2	0
979	Bacopa monnieri (L.) Wettst. Extract Improves Memory Performance via Promotion of Neurogenesis in the Hippocampal Dentate Gyrus of Adolescent Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3365.	1.8	16
980	The Centrality of Ancestral Grandmothering in Human Evolution. <i>Integrative and Comparative Biology</i> , 2020, 60, 765-781.	0.9	13
981	Brain Wiring and Supragranular-Enriched Genes Linked to Protracted Human Frontal Cortex Development. <i>Cerebral Cortex</i> , 2020, 30, 5654-5666.	1.6	11
982	<i>In vivo</i> imaging of Zika virus reveals dynamics of viral invasion in immune-sheltered tissues and vertical propagation during pregnancy. <i>Theranostics</i> , 2020, 10, 6430-6447.	4.6	10
983	Postnatal Development of Visual Cortical Function in the Mammalian Brain. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 29.	1.2	20
984	The Organization of Neocortex in Early Mammals. , 2020, , 333-348.		5
985	Brain size does not predict learning strategies in a serial reversal learning test. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	7
986	Closing the gap from transcription to the structural connectome enhances the study of connections in the human brain. <i>Developmental Dynamics</i> , 2020, 249, 1047-1061.	0.8	11
987	Commentary: Mosaic and Concerted Brain Evolution: The Contribution of Microscopic Comparative Neuroanatomy in Lower Vertebrates. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 6.	0.9	1
988	Standards for preclinical research and publications in developmental anaesthetic neurotoxicity: expert opinion statement from the SmartTots preclinical working group. <i>British Journal of Anaesthesia</i> , 2020, 124, 585-593.	1.5	26
989	The Timing of Brain Maturation, Early Experience, and the Human Social Niche. , 2020, , 815-843.		6
990	Combining local and global evolutionary trajectories of brain-behaviour relationships through game theory. <i>European Journal of Neuroscience</i> , 2020, 52, 4198-4213.	1.2	4
991	Specification of cortical projection neurons. , 2020, , 427-459.		1
992	A History of Ideas in Evolutionary Neuroscience. , 2020, , 3-16.		3
993	What Modern Mammals Teach About the Cellular Composition of Early Brains and Mechanisms of Brain Evolution. , 2020, , 349-375.		1
994	Carnivoran Brains: Effects of Sociality on Inter- and Intraspecific Comparisons of Regional Brain Volumes. , 2020, , 463-479.		4

#	ARTICLE	IF	CITATIONS
995	Scaling Up the Simian Primate Cortex: A Conserved Pattern of Expansion Across Brain Sizes. , 2020, , 533-545.		1
996	Evolved Mechanisms of High-Level Visual Perception in Primates. , 2020, , 589-625.		4
997	A Highly Conserved Circular RNA Is Required to Keep Neural Cells in a Progenitor State in the Mammalian Brain. Cell Reports, 2020, 30, 2170-2179.e5.	2.9	53
998	The postnatal development of MT, V1, LGN, pulvinar and SC in prosimian galagos (<scp><i>Otolemur</i> Tj ETQq1 1 0,784314 rjBT /Ov	0.9	3
999	Effects of low-dose chlorpyrifos on neurobehavior and potential mechanisms: A review of studies in rodents, zebrafish, and <scp><i>Caenorhabditis elegans</i></scp>. Birth Defects Research, 2020, 112, 445-479.	0.8	42
1000	Maternal Investment, Ecological Lifestyle, and Brain Evolution in Sharks and Rays. American Naturalist, 2020, 195, 1056-1069.	1.0	23
1001	Developmental Regulation of Basket Interneuron Synapses and Behavior through NCAM in Mouse Prefrontal Cortex. Cerebral Cortex, 2020, 30, 4689-4707.	1.6	4
1002	Comparative growth in the olfactory system of the developing chick with considerations for evolutionary studies. Journal of Anatomy, 2020, 237, 225-240.	0.9	3
1003	Using Teleost Fish to Discern Developmental Signatures of Evolutionary Adaptation From Phenotypic Plasticity in Brain Structure. Frontiers in Neuroanatomy, 2020, 14, 10.	0.9	12
1004	Systematic mapping of developmental milestones in wild chimpanzees. Developmental Science, 2021, 24, e12988.	1.3	31
1005	In situ measurement of the isoplanatic patch for imaging through intact bone. Journal of Biophotonics, 2021, 14, e202000160.	1.1	7
1006	Understanding Human Cognitive Uniqueness. Annual Review of Psychology, 2021, 72, 689-716.	9.9	42
1007	A Farewell to the Encephalization Quotient: A New Brain Size Measure for Comparative Primate Cognition. Brain, Behavior and Evolution, 2021, 96, 1-12.	0.9	29
1008	Revisiting Basal Anthropology: A Developmental Approach to Human Evolution and Sociality. Biosemiotics Bookseries, 2021, , 89-118.	0.3	3
1009	The regulation of cortical neurogenesis. Current Topics in Developmental Biology, 2021, 142, 1-66.	1.0	39
1010	Evolution of the Brain, The. , 2021, , 2620-2624.		0
1011	Interspecific and intraspecific comparisons reveal the importance of evolutionary context in sunfish brain form divergence. Journal of Evolutionary Biology, 2021, 34, 639-652.	0.8	5
1012	Cutting across structural and transcriptomic scales translates time across the lifespan in humans and chimpanzees. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202987.	1.2	9

#	ARTICLE	IF	CITATIONS
1014	Comparative Functional Anatomy of Marmoset Brains. <i>ILAR Journal</i> , 2020, 61, 260-273.	1.8	8
1015	The neurocranium of <i>Ekweeconfractus amorui</i> gen. et sp. nov. (Hyaenodonta, Mammalia) and the evolution of the brain in some hyaenodontan carnivores. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	2
1016	Multimodal Neurophysiological and Neuroimaging Evidence of Genetic Influence on Motor Control: A Case Report of Monozygotic Twins. <i>Cognitive and Behavioral Neurology</i> , 2021, 34, 53-62.	0.5	0
1019	The evolution of mammalian brain size. <i>Science Advances</i> , 2021, 7, .	4.7	84
1020	Strange eyes, stranger brains: exceptional diversity of optic lobe organization in midwater crustaceans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210216.	1.2	6
1022	MicroRNA Signatures of the Developing Primate Fovea. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 654385.	1.8	8
1024	Accelerated Brain Shape Evolution Is Associated with Rapid Diversification in an Avian Radiation. <i>American Naturalist</i> , 2021, 197, 576-591.	1.0	13
1025	Vaping Exacerbates Coronavirus-Related Pulmonary Infection in a Murine Model. <i>Frontiers in Physiology</i> , 2021, 12, 634839.	1.3	10
1026	Topographic volume-standardization atlas of the human brain. <i>Brain Structure and Function</i> , 2021, 226, 1699-1711.	1.2	6
1027	Molecular evolutionary analysis of human primary microcephaly genes. <i>Bmc Ecology and Evolution</i> , 2021, 21, 76.	0.7	5
1028	Length of the Neurogenic Period—A Key Determinant for the Generation of Upper-Layer Neurons During Neocortex Development and Evolution. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 676911.	1.8	27
1029	An agent-based model clarifies the importance of functional and developmental integration in shaping brain evolution. <i>BMC Biology</i> , 2021, 19, 97.	1.7	6
1030	Treatment with a GSK-3 ^{Î²} /HDAC Dual Inhibitor Restores Neuronal Survival and Maturation in an In Vitro and In Vivo Model of CDKL5 Deficiency Disorder. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5950.	1.8	10
1031	Genome-enabled discovery of evolutionary divergence in brains and behavior. <i>Scientific Reports</i> , 2021, 11, 13016.	1.6	5
1032	Placental endocrine insufficiency programs anxiety, deficits in cognition and atypical social behaviour in offspring. <i>Human Molecular Genetics</i> , 2021, 30, 1863-1880.	1.4	7
1033	A systematic review of neurogenesis in animal models of early brain damage: Implications for cerebral palsy. <i>Experimental Neurology</i> , 2021, 340, 113643.	2.0	14
1034	Cleaner fish and other wrasse match primates in their ability to delay gratification. <i>Animal Behaviour</i> , 2021, 176, 125-143.	0.8	9
1036	Novel neuroanatomical integration and scaling define avian brain shape evolution and development. <i>ELife</i> , 2021, 10, .	2.8	12

#	ARTICLE	IF	CITATIONS
1038	Neurodevelopmental scaling is a major driver of brainâ€ behavior differences in temperament across dog breeds. <i>Brain Structure and Function</i> , 2021, 226, 2725-2739.	1.2	14
1039	Fast lifeâ€ histories are associated with larger brain size in killifishes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2286-2298.	1.1	12
1040	Acute vaping exacerbates microbial pneumonia due to calcium (Ca ²⁺) dysregulation. <i>PLoS ONE</i> , 2021, 16, e0256166.	1.1	5
1041	Are ectotherm brains vulnerable to global warming?. <i>Trends in Ecology and Evolution</i> , 2021, 36, 691-699.	4.2	17
1042	Brain Plasticity in Humans and Model Systems: Advances, Challenges, and Future Directions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9358.	1.8	23
1043	Putative neural consequences of captivity for elephants and cetaceans. <i>Reviews in the Neurosciences</i> , 2022, 33, 439-465.	1.4	10
1044	Motor Neuron Diseases and Neuroprotective Peptides: A Closer Look to Neurons. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 723871.	1.7	5
1045	Morphological characteristics of the forebrain in the donkey (<i>Equus asinus</i>): A compared atlas of magnetic resonance imaging and crossâ€ sectional anatomy. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2021, 50, 974-984.	0.3	0
1046	Seasonal variation of behavior and brain size in a freshwater fish. <i>Ecology and Evolution</i> , 2021, 11, 14950-14959.	0.8	6
1047	Hominini-specific regulation of CBLN2 increases prefrontal spinogenesis. <i>Nature</i> , 2021, 598, 489-494.	13.7	37
1048	How to obtain satisfying explanations of brain evolution. <i>Trends in Ecology and Evolution</i> , 2021, 36, 883-884.	4.2	0
1050	Ontogeny of the brain of <i>Microglanis garavelloii</i> Shibatta and Benine 2005 (Teleostei): Tj ETQq1 1 0.784314 rgBT /Overlock 10 ff 0.56 4		
1054	Increasing the Brainâ€™s Capacity: Neocortex, New Neurons, and Hemispheric Specialization. , 2004, , 289-323.		5
1055	Toward a Developmental Evolutionary Psychology. , 2003, , 185-210.		14
1056	The Evolution of Language. , 2015, , 47-64.		2
1057	A Comparative Analysis of Cellular Morphological Differentiation Within the Cerebral Cortex Using Diffusion Tensor Imaging. <i>NeuroMethods</i> , 2011, , 329-351.	0.2	9
1058	Metabolism of Amino Acids in the Brain and Their Roles in Regulating Food Intake. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1265, 167-185.	0.8	35
1059	Neuroscience and Human Brain Evolution. <i>Springer Series in Bio-/neuroinformatics</i> , 2015, , 11-37.	0.1	4

#	ARTICLE	IF	CITATIONS
1060	Parcellations and Connectivity Patterns in Human and Macaque Cerebral Cortex. <i>Research and Perspectives in Neurosciences</i> , 2016, , 89-106.	0.4	10
1061	Evolution of the Brain in Humans â€œ <i>Paleoneurology</i> , 2009, , 1326-1334.		32
1062	Evolution of the Brain in Humans â€œ Specializations in a Comparative Perspective. , 2009, , 1334-1338.		5
1063	9 Evolution of the Primate Brain. , 2007, , 1133-1162.		29
1065	Evolution of the Primate Brain. , 2015, , 1495-1525.		4
1067	The Serpent's Gift: Evolutionary Psychology and Consciousness. , 0, , 597-630.		4
1072	Longitudinal osmotic and neurometabolic changes in young rats with chronic cholestatic liver disease. <i>Scientific Reports</i> , 2020, 10, 7536.	1.6	13
1073	A Connectomic Hypothesis for the Hominization of the Brain. <i>Cerebral Cortex</i> , 2021, 31, 2425-2449.	1.6	47
1074	Evolution of the social brain as a distributed neural system. , 0, , 129-144.		2
1081	Huntingtin-associated protein 1 regulates postnatal neurogenesis and neurotrophin receptor sorting. <i>Journal of Clinical Investigation</i> , 2014, 124, 85-98.	3.9	28
1082	Expression of the <i>Emx-1</i> and <i>Dlx-1</i> homeobox genes define three molecularly distinct domains in the telencephalon of mouse, chick, turtle and frog embryos: implications for the evolution of telencephalic subdivisions in amniotes. <i>Development (Cambridge)</i> , 1998, 125, 2099-2111.	1.2	336
1083	Principles of Network Architecture Emerging from Comparisons of the Cerebral Cortex in Large and Small Brains. <i>PLoS Biology</i> , 2016, 14, e1002556.	2.6	11
1084	Impact of Carnivory on Human Development and Evolution Revealed by a New Unifying Model of Weaning in Mammals. <i>PLoS ONE</i> , 2012, 7, e32452.	1.1	24
1085	Multiple Determinants of Whole and Regional Brain Volume among Terrestrial Carnivorans. <i>PLoS ONE</i> , 2012, 7, e38447.	1.1	51
1086	Mosaic and Concerted Evolution in the Visual System of Birds. <i>PLoS ONE</i> , 2014, 9, e90102.	1.1	33
1087	Olfaction Contributes to Pelagic Navigation in a Coastal Shark. <i>PLoS ONE</i> , 2016, 11, e0143758.	1.1	25
1088	Brain Mass and Encephalization Quotients in the Domestic Industrial Pig (<i>Sus scrofa</i>). <i>PLoS ONE</i> , 2016, 11, e0157378.	1.1	40
1089	Back to the light, coevolution between vision and olfaction in the â€œDark-fliesâ€œ (<i>Drosophila</i>) TJ ETQq1 1 0.784314 rgBT /Overlock 10	1.1	10

#	ARTICLE	IF	CITATIONS
1091	Social Cognition as a Constraint on Social Interaction. <i>Journal of Evolutionary Psychology</i> , 2004, 2, 181-194.	0.3	4
1093	Novel compound heterozygous mutations in MCPH1 gene causes primary microcephaly in Saudi family. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2018, 23, 346-350.	0.5	8
1094	Why Humans Aren't Just Great Apes. <i>Etnoantropološki Problemi</i> , 2008, 3, 15-33.	0.1	11
1095	Melody and Language: An Examination of the Relationship Between Complementary Processes. <i>Open Psychology Journal</i> , 2014, 7, 1-8.	0.2	7
1096	Evolution of brain and culture: the neurological and cognitive journey from Australopithecus to Albert Einstein. <i>Journal of Anthropological Sciences</i> , 2016, 94, 99-111.	0.4	11
1097	When did Directional Asymmetry Enter the Record?. , 2004, , .		3
1098	Spatial Cognition, Memory Capacity, and the Evolution of Mammalian Hippocampal Networks. , 2009, , 41-60.		3
1099	Selection and evaluation of reference genes for analysis of mouse (<i>Mus musculus</i>) sex-dimorphic brain development. <i>PeerJ</i> , 2017, 5, e2909.	0.9	22
1100	Brain morphological adaptations of <i>Gambusia affinis</i> along climatic gradients in China. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 2150-2160.	0.6	1
1101	Morphological invariant of the midsagittal deep brain anatomy between humans and African great apes. <i>American Journal of Biological Anthropology</i> , 2022, 177, 39-47.	0.6	0
1102	Self-Organized Evolutionary Process in Sets of Interdependent Variables near the Midpoint of Phase Transition in K-Satisfiability. <i>Lecture Notes in Computer Science</i> , 2001, , 225-235.	1.0	1
1103	The Cerebellum: An Asset to Hominoid Cognition. , 2002, , 35-53.		3
1104	Primäre und sekundäre Demenzen. , 2003, , 7-20.		0
1105	Developmental Disorders and Evolutionary Expectations: Mechanisms of Resilience. , 2006, , 104-120.		0
1107	Behavioral Evidence for Cognitive Dysfunctions in the (BALB/cByJ-Kv1.1mceph/mceph) Mouse Model for Epilepsy. <i>Journal of Behavioral and Brain Science</i> , 2011, 01, 210-228.	0.2	0
1108	Razvoj, rast in zorenje možganov. <i>Psiholoska Obzorja</i> , 2012, 21, 51-60.	0.1	3
1109	Evolution of the Primate Brain. , 2013, , 1-28.		1
1111	The Emergence of Modern Communication in Primates: A Computational Approach. <i>Interdisciplinary Evolution Research</i> , 2014, , 289-311.	0.2	0

#	ARTICLE	IF	CITATIONS
1112	Scaling the Retina, Micro and Macro. , 1998, , 245-258.		1
1113	Synchronous Chorus and Human Origins. , 1999, , 315-328.		33
1116	Evolution and Development of the Brain. , 2015, , .		0
1117	Brain Size and Innovation in Primates. , 2015, , 241-286.		0
1121	Molecular Evolution and Phenotypic Change. , 2017, , 101-119.		1
1122	Carnivoran Brains: Effects of Sociality on Inter- and Intraspecific Comparisons of Regional Brain Volumes. , 2017, , 413-428.		0
1123	The Miniature Neocortex of Shrews—Clues to Mammalian Brain Evolution. , 2017, , 181-186.		1
1124	A Matter of Size. , 2017, , 85-129.		0
1128	Transiency of retinal ganglion cell action potential responses determined by PSTH time constant. PLoS ONE, 2017, 12, e0183436.	1.1	2
1129	Evolution of the Brain, The. , 2018, , 1-5.		0
1140	From Phenotype to Genotype And Back Again. Bulletins Et Memoires De La Societe D'Anthropologie De Paris, 2020, 32, 8-17.	0.0	0
1142	The Universal Information Processing System and Educational Theories and Practices. , 2020, , 121-134.		0
1146	Quantification of neurons in the olfactory bulb of the catsharks <i>Scyliorhinus canicula</i> (Linnaeus,) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 2	0.6	4
1147	Comparative connectomics of the primate social brain. NeuroImage, 2021, 245, 118693.	2.1	23
1148	A dual larynx motor networks hypothesis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200392.	1.8	7
1149	Development of the visual system. , 2020, , 335-358.		0
1150	Morphological Characterization of the Developing Greater Cane Rat (<i>Thryonomys swinderianus</i>) Brain. Developmental Neuroscience, 2020, 42, 114-123.	1.0	2
1151	Connections Between Studies of Human Learning and Memory Processes in Modern Cognitive Psychology and Integrative Biology. , 2020, , 27-42.		0

#	ARTICLE	IF	CITATIONS
1152	Computational models of cortical folding: A review of common approaches. <i>Journal of Biomechanics</i> , 2022, 139, 110851.	0.9	12
1156	Using Online Images to Teach Quantitative Skills via Comparative Neuroanatomy: Applying the Directives of Vision and Change. <i>Journal of Undergraduate Neuroscience Education: JUNE: A Publication of FUN, Faculty for Undergraduate Neuroscience</i> , 2018, 16, A236-A243.	0.6	0
1157	Learning performance is influenced by the social environment in cichlid fishes. <i>Canadian Journal of Experimental Psychology</i> , 2020, 74, 215-227.	0.7	0
1158	Prenatal interleukin 6 elevation increases glutamatergic synapse density and disrupts hippocampal connectivity in offspring. <i>Immunity</i> , 2021, 54, 2611-2631.e8.	6.6	63
1159	Rapid mosaic brain evolution under artificial selection for relative telencephalon size in the guppy (<i>Poecilia reticulata</i>). <i>Evolution</i> , 2022, 76, 1010-1020.	4.7	18
1160	Learning performance is influenced by the social environment in cichlid fishes.. <i>Canadian Journal of Experimental Psychology</i> , 2020, 74, 215-227.	0.7	1
1161	The Multiple Contexts of Brain Scaling: Phenotypic Integration in Brain and Behavioral Evolution. <i>Brain, Behavior and Evolution</i> , 2022, 97, 83-95.	0.9	4
1162	Epigenetic mechanisms impacted by chronic stress across the rodent lifespan. <i>Neurobiology of Stress</i> , 2022, 17, 100434.	1.9	15
1163	Behavioral performance and division of labor influence brain mosaicism in the leafcutter ant <i>Atta cephalotes</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2022, 208, 325-344.	0.7	12
1164	A paleo-neurologic investigation of the social brain hypothesis in frontotemporal dementia. <i>Cerebral Cortex</i> , 2023, 33, 622-633.	1.6	2
1165	Temporal changes in the brain lipidome during neurodevelopment of Smith-Lemli-Opitz syndrome mice. <i>Analyst</i> , The, 2022, , .	1.7	2
1166	The Tempo of Mammalian Embryogenesis: Variation in the Pace of Brain and Body Development. <i>Brain, Behavior and Evolution</i> , 2022, 97, 96-107.	0.9	6
1167	Neurogenesis and Viral Infection. <i>Frontiers in Immunology</i> , 2022, 13, 826091.	2.2	8
1168	Color Discrimination Provides Insight into the Relationship between Personality Cognition and Brain Morphology in the Western Mosquitofish (<i>Gambusia affinis</i>). <i>Brain, Behavior and Evolution</i> , 2022, 97, 274-283.	0.9	1
1169	Understanding the human brain: insights from comparative biology. <i>Trends in Cognitive Sciences</i> , 2022, 26, 432-445.	4.0	13
1170	Evolutionary and ecological patterns of scatter and hoarding behaviours in rodents. <i>Ecology Letters</i> , 2022, 25, 1202-1214.	3.0	9
1171	Differences in brain morphology of brown trout across stream, lake, and hatchery environments. <i>Ecology and Evolution</i> , 2022, 12, e8684.	0.8	0
1172	An assessment of vaping-induced inflammation and toxicity: A feasibility study using a 2-stage zebrafish and mouse platform. <i>Food and Chemical Toxicology</i> , 2022, 163, 112923.	1.8	5

#	ARTICLE	IF	CITATIONS
1173	Might pain be experienced in the brainstem rather than in the cerebral cortex?. Behavioural Brain Research, 2022, 427, 113861.	1.2	4
1174	Self-tuition as an essential design feature of the brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200530.	1.8	4
1175	The neuroecology of the water-to-land transition and the evolution of the vertebrate brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200523.	1.8	18
1176	Why big brains? A comparison of models for both primate and carnivore brain size evolution. PLoS ONE, 2021, 16, e0261185.	1.1	10
1177	Transcriptomic Crosstalk between Gliomas and Telencephalic Neural Stem and Progenitor Cells for Defining Heterogeneity and Targeted Signaling Pathways. International Journal of Molecular Sciences, 2021, 22, 13211.	1.8	3
1178	Scaffolding layered control architectures through constraint closure: insights into brain evolution and development. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200519.	1.8	7
1186	Tracing Modification to Cortical Circuits in Human and Nonhuman Primates from High-Resolution Tractography, Transcription, and Temporal Dimensions. Journal of Neuroscience, 2022, 42, 3749-3767.	1.7	10
1187	Impact of Maternal Immune Activation on Nonhuman Primate Prefrontal Cortex Development: Insights for Schizophrenia. Biological Psychiatry, 2022, 92, 460-469.	0.7	11
1188	Computational Phenotypes: Where the Theory of Computation Meets Evo-Devo. Biolinguistics, 2009, 3, 002-060.	0.6	17
1189	A Brief Note on the Scope of Biolinguistics. Biolinguistics, 2009, 3, 001-001.	0.6	0
1190	Specters of Marx: A Review of Adam's Tongue by Derek Bickerton. Biolinguistics, 2010, 4, 116-127.	0.6	3
1191	Prolegomena to a Future Science of Biolinguistics. Biolinguistics, 2009, 3, 283-320.	0.6	24
1192	The costs and benefits of larger brains in fishes. Journal of Evolutionary Biology, 2022, 35, 973-985.	0.8	3
1193	Structural and information-theoretic complexity measures of brain networks: Evolutionary aspects and implications. BioSystems, 2022, 218, 104711.	0.9	0
1195	Chapter 7. Marine Mammals as Indicators of Environmental Pollution and Potential Health Effects. Issues in Toxicology, 2022, , 133-169.	0.2	0
1196	Evolving alternative neural pathways for vocal dexterity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
1197	Binge-like Prenatal Ethanol Exposure Causes Impaired Cellular Differentiation in the Embryonic Forebrain and Synaptic and Behavioral Defects in Adult Mice. Brain Sciences, 2022, 12, 793.	1.1	6
1198	Multilevel atlas comparisons reveal divergent evolution of the primate brain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	6

#	ARTICLE	IF	CITATIONS
1199	Convergent mosaic brain evolution is associated with the evolution of novel electrosensory systems in teleost fishes. <i>ELife</i> , 0, 11, .	2.8	6
1200	“Dendroarchitectonics” From Santiago Ramón y Cajal to Enrique Ramón-Moliner or vice versa?. <i>Neurological Sciences</i> , 0, , .	0.9	0
1201	Diet drove brain and dental morphological coevolution in strepsirrhine primates. <i>PLoS ONE</i> , 2022, 17, e0269041.	1.1	2
1202	Neuron numbers link innovativeness with both absolute and relative brain size in birds. <i>Nature Ecology and Evolution</i> , 2022, 6, 1381-1389.	3.4	27
1203	Sex differences in the human brain: a roadmap for more careful analysis and interpretation of a biological reality. <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	39
1204	Somatic maintenance/reproduction tradeoffs and human evolution. <i>Behavioral and Brain Sciences</i> , 2022, 45, .	0.4	1
1205	Divergence in brain size and brain region volumes across wild guppy populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	5
1208	A CRISPR/Cas9-Based Toolkit to Test Gain- and Loss-of-Gene Function in Brain Organoids. <i>Neuromethods</i> , 2022, , 75-92.	0.2	1
1210	Volumetric and connectivity assessment of the caudate nucleus in California sea lions and coyotes. <i>Animal Cognition</i> , 2022, 25, 1231-1240.	0.9	4
1211	Animal evidence considered in determination of cannabis smoke and Δ^9 -tetrahydrocannabinol (Δ^9 -THC) as causing reproductive toxicity (developmental endpoint); part II. Neurodevelopmental effects. <i>Birth Defects Research</i> , 0, , .	0.8	0
1212	Manatee cognition in the wild: an exploration of the manatee mind and behavior through neuroanatomy, psychophysics, and field observations. <i>Animal Cognition</i> , 0, , .	0.9	2
1213	Anatomical organization of forebrain circuits in the primate. <i>Brain Structure and Function</i> , 2023, 228, 393-411.	1.2	3
1215	Covariation of brain and skull shapes as a model to understand the role of crosstalk in development and evolution. <i>Evolution & Development</i> , 2023, 25, 85-102.	1.1	3
1218	Cytology, architecture, development, and connections of the primate striatum: Hints for human pathology. <i>Neurobiology of Disease</i> , 2023, 176, 105945.	2.1	11
1219	A Comparative Perspective on the Cerebello-Cerebral System and Its Link to Cognition. <i>Cerebellum</i> , 2023, 22, 1293-1307.	1.4	11
1220	Neuronal and non-neuronal scaling across brain regions within an intercross of domestic and wild chickens. <i>Frontiers in Neuroanatomy</i> , 0, 16, .	0.9	0
1222	The evolution of language by sexual selection. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	1
1223	Nine insights from internet engineering that help us understand brain network communication. <i>Frontiers in Computer Science</i> , 0, 4, .	1.7	0

#	ARTICLE	IF	CITATIONS
1224	Hippocampal dentate gyri proteomics reveals Wnt signaling involvement in the behavioral impairment in the THRSP-overexpressing ADHD mouse model. <i>Communications Biology</i> , 2023, 6, .	2.0	5
1225	Homo sapiens and Neanderthals share high cerebral cortex integration into adulthood. <i>Nature Ecology and Evolution</i> , 2023, 7, 42-50.	3.4	4
1226	Altered dendritic morphology in dorsolateral prefrontal cortex of nonhuman primates prenatally exposed to maternal immune activation. <i>Brain, Behavior, and Immunity</i> , 2023, 109, 92-101.	2.0	6
1228	Conclusion and Perspectives: What Convergent Evolution of Animal Forms and Functions Says About the Predictability of Evolution. <i>Fascinating Life Sciences</i> , 2023, , 581-594.	0.5	0
1230	Transcriptomic analysis of mosaic brain differentiation underlying complex division of labor in a social insect. <i>Journal of Comparative Neurology</i> , 2023, 531, 853-865.	0.9	2
1233	Four errors and a fallacy: pitfalls for the unwary in comparative brain analyses. <i>Biological Reviews</i> , 2023, 98, 1278-1309.	4.7	5
1234	Evolution of cortical geometry and its link to function, behaviour and ecology. <i>Nature Communications</i> , 2023, 14, .	5.8	5
1240	Adult neurogenesis and "immature" neurons in mammals: an evolutionary trade-off in plasticity?. <i>Brain Structure and Function</i> , 0, , .	1.2	3
1255	Darwin en tête !. , 2009, , 309-361.		0