Paul Manger

List of Publications by Year
in descending order

250 papers	10,040 citations	50276 46 h-index	58581 82 g-index
270 all docs	270 docs citations	270 times ranked	9415 citing authors

#	Article	IF	Citations
1	Cellular Scaling Rules for the Brains of Marsupials: Not as â€œPrimitiveâ€•as Expected. Brain, Behavior and Evolution, 2017, 89, 48-63.	1.7	1,761
2	Natural Sleep and Its Seasonal Variations in Three Pre-industrial Societies. Current Biology, 2015, 25, 2862-2868.	3.9	264
3	Cetacean sleep: An unusual form of mammalian sleep. Neuroscience and Biobehavioral Reviews, 2008, 32, 1451-1484.	6.1	246
4	The discovery of central monoamine neurons gave volume transmission to the wired brain. Progress in Neurobiology, 2010, 90, 82-100.	5.7	242
5	The Echidna<i>Tachyglossus aculeatus</i>Combines REM and Non-REM Aspects in a Single Sleep State: Implications for the Evolution of Sleep. Journal of Neuroscience, 1996, 16, 3500-3506.	3.6	196
6	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. Brain, Behavior and Evolution, 2015, 86, 145-163.	1.7	176
7	Organization of somatosensory cortex in monotremes: In search of the prototypical plan. Journal of Comparative Neurology, 1995, 351, 261-306.	1.6	171
8	An examination of cetacean brain structure with a novel hypothesis correlating thermogenesis to the evolution of a big brain. Biological Reviews, 2006, 81, 293-338.	10.4	165
9	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.	1.7	151
10	In contrast to many other mammals, cetaceans have relatively small hippocampi that appear to lack adult neurogenesis. Brain Structure and Function, 2015, 220, 361-383.	2.3	130
11	Order-specific quantitative patterns of cortical gyrification. European Journal of Neuroscience, 2007, 25, 2705-2712.	2.6	116
12	Sleep in the platypus. Neuroscience, 1999, 91, 391-400.	2.3	115
13	Rest and activity states in a gray whale. Journal of Sleep Research, 2000, 9, 261-267.	3.2	115
14	The elephant brain in numbers. Frontiers in Neuroanatomy, 2014, 8, 46.	1.7	106
15	Representation of face and intra-oral structures in area 3b of macaque monkey somatosensory cortex. , 1996, 371, 513-521.		101
16	Is 21st Century Neuroscience too Focussed on the Rat/Mouse Model of Brain Function and Dysfunction?. Frontiers in Neuroanatomy, 2008, 2, 5.	1.7	98
17	Establishing order at the systems level in mammalian brain evolution. Brain Research Bulletin, 2005, 66, 282-289.	3.0	96
18	Extensive Divergence and Convergence in the Thalamocortical Projection to Monkey Somatosensory Cortex. Journal of Neuroscience, 1998, 18, 4216-4232.	3.6	95

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19	Pyramidal cells in prefrontal cortex of primates: marked differences in neuronal structure among species. Frontiers in Neuroanatomy, 2011, 5, 2.	1.7	95
20	Hand/Face Border as a Limiting Boundary in the Body Representation in Monkey Somatosensory Cortex. Journal of Neuroscience, 1997, 17, 6338-6351.	3.6	87
21	Architecture and Callosal Connections of Visual Areas 17, 18, 19 and 21 in the Ferret (Mustela) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.9	87
22	Inactivity/sleep in two wild free-roaming African elephant matriarchs â€“ Does large body size make elephants the shortest mammalian sleepers?. PLoS ONE, 2017, 12, e0171903.	2.5	85
23	The evolution of mammalian brain size. Science Advances, 2021, 7, .	10.3	84
24	Areal Organization of the Posterior Parietal Cortex of the Ferret (Mustela putorius). Cerebral Cortex, 2002, 12, 1280-1297.	2.9	81
25	The Representation of the Visual Field in Three Extrastriate Areas of the Ferret (Mustela putorius) and the Relationship of Retinotopy and Field Boundaries to Callosal Connectivity. Cerebral Cortex, 2002, 12, 423-437.	2.9	80
26	Acquisition of brains from the African elephant (Loxodonta africana): Perfusion-fixation and dissection. Journal of Neuroscience Methods, 2009, 179, 16-21.	2.5	77
27	Ultrastructure, Number, Distribution and Innervation of Electroreceptors and Mechanoreceptors in the Bill Skin of the Platypus, <i>Ornithorhynchus anatinus</i>. Brain, Behavior and Evolution, 1996, 48, 27-54.	1.7	76
28	Modular Subdivisions of Dolphin Insular Cortex: Does Evolutionary History Repeat Itself?. Journal of Cognitive Neuroscience, 1998, 10, 153-166.	2.3	70
29	Dogs Have the Most Neurons, Though Not the Largest Brain: Trade-Off between Body Mass and Number of Neurons in the Cerebral Cortex of Large Carnivoran Species. Frontiers in Neuroanatomy, 2017, 11, 118.	1.7	68
30	Representation of the face and intraoral structures in area 3b of the squirrel monkey (Saimiri) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Comparative Neurology, 1995, 362, 597-607.	1.6	66
31	On the role of volume transmission and receptorâ€“receptor interactions in social behaviour: Focus on central catecholamine and oxytocin neurons. Brain Research, 2012, 1476, 119-131.	2.2	65
32	Palaeoneurological clues to the evolution of defining mammalian soft tissue traits. Scientific Reports, 2016, 6, 25604.	3.3	65
33	Monotremes and the evolution of rapid eye movement sleep. Philosophical Transactions of the Royal Society B: Biological Sciences, 1998, 353, 1147-1157.	4.0	63
34	Nuclear organization of cholinergic, putative catecholaminergic and serotonergic systems in the brains of two megachiropteran species. Journal of Chemical Neuroanatomy, 2010, 40, 177-195.	2.1	60
35	Similar Microglial Cell Densities across Brain Structures and Mammalian Species: Implications for Brain Tissue Function. Journal of Neuroscience, 2020, 40, 4622-4643.	3.6	60
36	Apparent Absence of Claustrum in Monotremes: Implications for Forebrain Evolution in Amniotes. Brain, Behavior and Evolution, 2002, 60, 230-240.	1.7	57

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37	Vocal learning in elephants: neural bases and adaptive context. Current Opinion in Neurobiology, 2014, 28, 101-107.	4.2	55
38	The Distribution and Morphological Characteristics of Serotonergic Cells in the Brain of Monotremes. Brain, Behavior and Evolution, 2002, 60, 315-332.	1.7	54
39	Visual Areas in the Lateral Temporal Cortex of the Ferret (Mustela putorius). Cerebral Cortex, 2004, 14, 676-689.	2.9	54
40	Neuronal morphology in the African elephant (Loxodonta africana) neocortex. Brain Structure and Function, 2011, 215, 273-298.	2.3	54
41	Quantitative analysis of neocortical gyrencephaly in African elephants (<i>Loxodonta africana</i>) and six species of cetaceans: Comparison with other mammals. Journal of Comparative Neurology, 2012, 520, 2430-2439.	1.6	54
42	The Distribution and Morphological Characteristics of Cholinergic Cells in the Brain of Monotremes as Revealed by ChAT Immunohistochemistry. Brain, Behavior and Evolution, 2002, 60, 275-297.	1.7	53
43	Distribution and morphology of cholinergic, putative catecholaminergic and serotonergic neurons in the brain of the Egyptian rousette flying fox, Rousettus aegyptiacus. Journal of Chemical Neuroanatomy, 2007, 34, 108-127.	2.1	53
44	Architectural Organization of the African Elephant Diencephalon and Brainstem. Brain, Behavior and Evolution, 2013, 82, 83-128.	1.7	53
45	The locus coeruleus complex of the bottlenose dolphin (Tursiops truncatus) as revealed by tyrosine hydroxylase immunohistochemistry. Journal of Sleep Research, 2003, 12, 149-155.	3.2	52
46	Elephants Have Relatively the Largest Cerebellum Size of Mammals. Anatomical Record, 2012, 295, 661-672.	1.4	51
47	In search of common developmental and evolutionary origin of the claustrum and subplate. Journal of Comparative Neurology, 2020, 528, 2956-2977.	1.6	51
48	The Topographic Organization of Retinal Ganglion Cell Density and Spatial Resolving Power in an Unusual Arboreal and Slow-Moving Strepsirhine Primate, the Potto <b><i>(Perodicticus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	50
49	Nuclear organization and morphology of cholinergic, putative catecholaminergic and serotonergic neurons in the brain of the rock hyrax, Procavia capensis. Journal of Chemical Neuroanatomy, 2009, 38, 57-74.	2.1	49
50	Scene from above: Retinal ganglion cell topography and spatial resolving power in the giraffe (<i>Giraffa camelopardalis</i>). Journal of Comparative Neurology, 2013, 521, 2042-2057.	1.6	49
51	Evolution of the neural basis of consciousness: a birdâ€“mammal comparison. BioEssays, 2005, 27, 923-936.	2.5	48
52	The Evolutions of Large Brain Size in Mammals: The â€˜Over-700-Gram Club Quartet'. Brain, Behavior and Evolution, 2013, 82, 68-78.	1.7	48
53	Organization of the sleepâ€related neural systems in the brain of the harbour porpoise (<i>Phocoena) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	48
54	Cellular scaling rules for the brain of Artiodactyla include a highly folded cortex with few neurons. Frontiers in Neuroanatomy, 2014, 8, 128.	1.7	46

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55	The Distribution and Morphological Characteristics of Catecholaminergic Cells in the Diencephalon and Midbrain of the Bottlenose Dolphin <i>(Tursiops truncatus)</i>. Brain, Behavior and Evolution, 2004, 64, 42-60.	1.7	45
56	White matter volume and white/gray matter ratio in mammalian species as a consequence of the universal scaling of cortical folding. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15253-15261.	7.1	45
57	Multiple somatosensory areas in the anterior parietal cortex of the California ground squirrel (Spermophilus beecheyii). , 2000, 416, 521-539.		44
58	The Distribution and Morphological Characteristics of Catecholaminergic Cells in the Brain of Monotremes as Revealed by Tyrosine Hydroxylase Immunohistochemistry. Brain, Behavior and Evolution, 2002, 60, 298-314.	1.7	44
59	Distribution and morphology of cholinergic, catecholaminergic and serotonergic neurons in the brain of Schreiber's long-fingered bat, Miniopterus schreibersii. Journal of Chemical Neuroanatomy, 2007, 34, 80-94.	2.1	44
60	Passive electroreception in aquatic mammals. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2013, 199, 555-563.	1.6	43
61	Brain Dopamine Transmission in Health and Parkinson's Disease: Modulation of Synaptic Transmission and Plasticity Through Volume Transmission and Dopamine Heteroreceptors. Frontiers in Synaptic Neuroscience, 2018, 10, 20.	2.5	43
62	Choline acetyltransferase immunoreactive cortical interneurons do not occur in all rodents: A study of the phylogenetic occurrence of this neural characteristic. Journal of Chemical Neuroanatomy, 2006, 32, 208-216.	2.1	42
63	Immunohistochemical parcellation of the ferret (<i>Mustela putorius</i>) visual cortex reveals substantial homology with the cat (<i>Felis catus</i>). Journal of Comparative Neurology, 2010, 518, 4439-4462.	1.6	42
64	Questioning the interpretations of behavioral observations of cetaceans: Is there really support for a special intellectual status for this mammalian order?. Neuroscience, 2013, 250, 664-696.	2.3	42
65	Comparative neuronal morphology of the cerebellar cortex in afrotherians, carnivores, cetartiodactyls, and primates. Frontiers in Neuroanatomy, 2014, 8, 24.	1.7	42
66	The anterior ectosylvian visual area of the ferret: a homologue for an enigmatic visual cortical area of the cat?. European Journal of Neuroscience, 2005, 22, 706-714.	2.6	41
67	Nuclear organization and morphology of cholinergic, putative catecholaminergic and serotonergic neurons in the brains of two species of African mole-rat. Journal of Chemical Neuroanatomy, 2008, 35, 371-387.	2.1	41
68	Organization and chemical neuroanatomy of the African elephant (Loxodonta africana) hippocampus. Brain Structure and Function, 2014, 219, 1587-1601.	2.3	40
69	Organization of the sleepâ€related neural systems in the brain of the minke whale <i>(Balaenoptera) Tj ETQq1 1 0.784314 rgBT /Over	1.6	40
70	Visual Acuity and Heterogeneities of Retinal Ganglion Cell Densities and the Tapetum Lucidum of the African Elephant <i>(Loxodonta africana)</i>. Brain, Behavior and Evolution, 2010, 75, 251-261.	1.7	39
71	Cross-sectional area of the elephant corpus callosum: comparison to other eutherian mammals. Neuroscience, 2010, 167, 815-824.	2.3	39
72	Nuclear parcellation of certain immunohistochemically identifiable neuronal systems in the midbrain and pons of the Highveld molerat (Cryptomys hottentotus). Journal of Chemical Neuroanatomy, 2006, 31, 37-50.	2.1	38

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73	Cellular scaling rules for the brain of afrotherians. Frontiers in Neuroanatomy, 2014, 8, 5.	1.7	38
74	Continued Growth of the Central Nervous System without Mandatory Addition of Neurons in the Nile Crocodile <i>(Crocodylus niloticus)</i>. Brain, Behavior and Evolution, 2016, 87, 19-38.	1.7	38
75	The Continuously Growing Central Nervous System of the Nile Crocodile (<i>Crocodylus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	37
76	CLARIFYING HOMOLOGIES IN THE MAMMALIAN CEREBRAL CORTEX: THE CASE OF THE THIRD VISUAL AREA (V3). Clinical and Experimental Pharmacology and Physiology, 2005, 32, 327-339.	1.9	36
77	The giraffe (Giraffa camelopardalis) cervical vertebral column: a heuristic example in understanding evolutionary processes?. Zoological Journal of the Linnean Society, 2009, 155, 736-757.	2.3	36
78	Cellular location and major terminal networks of the orexinergic system in the brain of two megachiropterans. Journal of Chemical Neuroanatomy, 2013, 53, 64-71.	2.1	36
79	Organization and number of orexinergic neurons in the hypothalamus of two species of Cetartiodactyla: A comparison of giraffe (Giraffa camelopardalis) and harbour porpoise (Phocoena) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	35
80	Synchrotron scanning reveals the palaeoneurology of the head-butting <i>Moschops capensis</i> (Therapsida, Dinocephalia). PeerJ, 2017, 5, e3496.	2.0	35
81	Cortical interlaminar astrocytes across the therian mammal radiation. Journal of Comparative Neurology, 2019, 527, 1654-1674.	1.6	35
82	Retinal ganglion cell density of the black rhinoceros (<i>Diceros bicornis</i>): Calculating visual resolution. Visual Neuroscience, 2008, 25, 215-220.	1.0	34
83	Nuclear organisation of some immunohistochemically identifiable neural systems in three Afrotherian speciesâ€"Potomogale velox, Amblysomus hottentotus and Petrodromus tetradactylus. Journal of Chemical Neuroanatomy, 2013, 50-51, 48-65.	2.1	34
84	Pyramidal cells in V1 of African rodents are bigger, more branched and more spiny than those in primates. Frontiers in Neuroanatomy, 2014, 8, 4.	1.7	34
85	Organization of the sleepâ€related neural systems in the brain of the river hippopotamus (<i>Hippopotamus amphibius</i>): A most unusual cetartiodactyl species. Journal of Comparative Neurology, 2016, 524, 2036-2058.	1.6	33
86	Comparative morphology of gigantopyramidal neurons in primary motor cortex across mammals. Journal of Comparative Neurology, 2018, 526, 496-536.	1.6	33
87	Ultrastructure and Distribution of Epidermal Sensory Receptors in the Beak of the Echidna, <i>Tachyglossus aculeatus</i>. Brain, Behavior and Evolution, 1992, 40, 287-296.	1.7	32
88	Multiple maps and activityâ€dependent representational plasticity in the anterior Wulst of the adult barn owl (<i>Tyto alba</i>). European Journal of Neuroscience, 2002, 16, 743-750.	2.6	32
89	Distribution and morphology of catecholaminergic and serotonergic neurons in the brain of the highveld gerbil, Tatera brantsii. Journal of Chemical Neuroanatomy, 2007, 34, 134-144.	2.1	32
90	Nuclear organization and morphology of cholinergic, putative catecholaminergic and serotonergic neurons in the brain of the Cape porcupine (Hystrix africaeaustralis): Increased brain size does not lead to increased organizational complexity. Journal of Chemical Neuroanatomy, 2008, 36, 33-52.	2.1	32

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91	Nuclear organization of cholinergic, putative catecholaminergic and serotonergic nuclei in the brain of the eastern rock elephant shrew, Elephantulus myurus. Journal of Chemical Neuroanatomy, 2010, 39, 175-188.	2.1	32
92	Adaptive responses of monkey somatosensory cortex to peripheral and central deafferentation. Neuroscience, 2002, 111, 775-797.	2.3	30
93	Organisation and chemical neuroanatomy of the African elephant (Loxodonta africana) olfactory bulb. Brain Structure and Function, 2011, 216, 403-416.	2.3	30
94	Distribution and morphology of putative catecholaminergic and serotonergic neurons in the brain of the greater canerat, Thryonomys swinderianus. Journal of Chemical Neuroanatomy, 2008, 35, 108-122.	2.1	29
95	Location, architecture, and retinotopy of the anteromedial lateral suprasylvian visual area (AMLS) of the ferret (Mustela putorius). Visual Neuroscience, 2008, 25, 27-37.	1.0	29
96	Organization of cholinergic, putative catecholaminergic and serotonergic nuclei in the diencephalon, mibrain and pons of sub-adult male giraffes. Journal of Chemical Neuroanatomy, 2010, 39, 189-203.	2.1	29
97	Locally-curved geometry generates bending cracks in the African elephant skin. Nature Communications, 2018, 9, 3865.	12.8	29
98	Visual subdivisions of the dorsal ventricular ridge of the iguana (<i>Iguana iguana</i>) as determined by electrophysiologic mapping. Journal of Comparative Neurology, 2002, 453, 226-246.	1.6	28
99	Immature cortex lesions alter retinotopic maps and interhemispheric connections. Annals of Neurology, 2003, 54, 51-65.	5.3	28
100	Observations on the giraffe central nervous system related to the corticospinal tract, motor cortex and spinal cord: What difference does a long neck make?. Neuroscience, 2007, 148, 522-534.	2.3	28
101	Nuclear organization of cholinergic, putative catecholaminergic and serotonergic systems in the brains of five microchiropteran species. Journal of Chemical Neuroanatomy, 2010, 40, 210-222.	2.1	28
102	Primate-like retinotectal decussation in an echolocating megabat, Rousettus aegyptiacus. Neuroscience, 2008, 153, 226-231.	2.3	27
103	Nuclear organization of cholinergic, putative catecholaminergic, serotonergic and orexinergic systems in the brain of the African pygmy mouse (Mus minutoides): Organizational complexity is preserved in small brains. Journal of Chemical Neuroanatomy, 2012, 44, 45-56.	2.1	27
104	Seasonal variations in sleep of free-ranging Arabian oryx (Oryx leucoryx) under natural hyperarid conditions. Sleep, 2018, 41, .	1.1	27
105	Distribution of orexin-A immunoreactive neurons and their terminal networks in the brain of the rock hyrax, Procavia capensis. Journal of Chemical Neuroanatomy, 2011, 41, 86-96.	2.1	26
106	Deterioration of the GÎ±o Vomeronasal Pathway in Sexually Dimorphic Mammals. PLoS ONE, 2011, 6, e26436.	2.5	26
107	Evolution of facial innervation in anomodont therapsids (Synapsida): Insights from Xâ€ray computerized microtomography. Journal of Morphology, 2018, 279, 673-701.	1.2	26
108	Cellular location and major terminal networks of the orexinergic system in the brains of five microchiropteran species. Journal of Chemical Neuroanatomy, 2010, 40, 256-262.	2.1	25

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109	Distribution of parvalbumin, calbindin and calretinin containing neurons and terminal networks in relation to sleep associated nuclei in the brain of the giant Zambian mole-rat (Fukomys mechowii). Journal of Chemical Neuroanatomy, 2013, 52, 69-79.	2.1	25
110	Adult neurogenesis in eight Megachiropteran species. Neuroscience, 2013, 244, 159-172.	2.3	25
111	Microbats appear to have adult hippocampal neurogenesis, but post-capture stress causes a rapid decline in the number of neurons expressing doublecortin. Neuroscience, 2014, 277, 724-733.	2.3	25
112	Endocranial Casts of Pre-Mammalian Therapsids Reveal an Unexpected Neurological Diversity at the Deep Evolutionary Root of Mammals. Brain, Behavior and Evolution, 2017, 90, 311-333.	1.7	25
113	The superior colliculus of the ferret: Cortical afferents and efferent connections to dorsal thalamus. Brain Research, 2010, 1353, 74-85.	2.2	24
114	A Comparative Assessment of the Size of the Frontal Air Sinus in the Giraffe (<i>Giraffa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.542 Td (ca	1.4	24
115	Nuclear organization of cholinergic, catecholaminergic, serotonergic and orexinergic systems in the brain of the Tasmanian devil (Sarcophilus harrisii). Journal of Chemical Neuroanatomy, 2014, 61-62, 94-106.	2.1	24
116	Organization of cholinergic, catecholaminergic, serotonergic and orexinergic nuclei in three strepsirrhine primates: Galago demidoff , Perodicticus potto and Lemur catta. Journal of Chemical Neuroanatomy, 2015, 70, 42-57.	2.1	24
117	The neocortex of cetartiodactyls. II. Neuronal morphology of the visual and motor cortices in the giraffe (Giraffa camelopardalis). Brain Structure and Function, 2015, 220, 2851-2872.	2.3	24
118	The organization and connections of somatosensory cortex in the brush-tailed possum (Trichosurus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 an Australian marsupial. Somatosensory & Motor Research, 1999, 16, 312-337.	0.9	23
119	Distribution of orexinergic neurons and their terminal networks in the brains of two species of African mole rats. Journal of Chemical Neuroanatomy, 2011, 41, 32-42.	2.1	23
120	Temporal niche switching in Arabian oryx (Oryx leucoryx): Seasonal plasticity of 24 h activity patterns in a large desert mammal. Physiology and Behavior, 2017, 177, 148-154.	2.1	23
121	Maintenance of a somatotopic cortical map in the face of diminishing thalamocortical inputs. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 11003-11007.	7.1	22
122	A Forensic Case Study of a Naturally Mummified Brain from the Bushveld of South Africa. Journal of Forensic Sciences, 2006, 51, 498-503.	1.6	22
123	Greater addition of neurons to the olfactory bulb than to the cerebral cortex of eulipotyphlans but not rodents, afrotherians or primates. Frontiers in Neuroanatomy, 2014, 8, 23.	1.7	22
124	The claustrum of the ferret: afferent and efferent connections to lower and higher order visual cortical areas. Frontiers in Systems Neuroscience, 2014, 8, 31.	2.5	22
125	The Distribution of Ki-67 and Doublecortin-Immunopositive Cells in the Brains of Three Strepsirrhine Primates: Galago demidoff , Perodicticus potto , and Lemur catta. Neuroscience, 2018, 372, 46-57.	2.3	22
126	Redefining varicose projection astrocytes in primates. Glia, 2022, 70, 145-154.	4.9	22

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127	The Digital Brain Bank, an open access platform for post-mortem imaging datasets. ELife, 2022, 11, .	6.0	22
128	Distribution and morphology of putative catecholaminergic and serotonergic neurons in the medulla oblongata of a sub-adult giraffe, Giraffa camelopardalis. Journal of Chemical Neuroanatomy, 2007, 34, 69-79.	2.1	21
129	Cranial Bosses of Choerosaurus dejageri (Therapsida, Therocephalia): Earliest Evidence of Cranial Display Structures in Eutheriodonts. PLoS ONE, 2016, 11, e0161457.	2.5	21
130	Some related aspects of platypus electroreception: temporal integration behaviour, electroreceptive thresholds and directionality of the bill acting as an antenna. Philosophical Transactions of the Royal Society B: Biological Sciences, 1998, 353, 1211-1219.	4.0	20
131	Nuclear organization of some immunohistochemically identifiable neural systems in two species of the Euarchontoglires: A Lagomorph, Lepus capensis , and a Scandentia, Tupaia belangeri. Journal of Chemical Neuroanatomy, 2015, 70, 1-19.	2.1	20
132	Hippocampal neurogenesis in the C57BL/6J mice at early adulthood following prenatal alcohol exposure. Metabolic Brain Disease, 2018, 33, 397-410.	2.9	20
133	Testing thermogenesis as the basis for the evolution of cetacean sleep phenomenology. Journal of Sleep Research, 2004, 13, 353-358.	3.2	19
134	Pyramidal cell specialization in the occipitotemporal cortex of the vervet monkey. NeuroReport, 2005, 16, 967-970.	1.2	19
135	Qualitative and Quantitative Aspects of the Microanatomy of the African Elephant Cerebellar Cortex. Brain, Behavior and Evolution, 2013, 81, 40-55.	1.7	19
136	Nuclear organisation of some immunohistochemically identifiable neural systems in five species of insectivore â€"Crocidura cyanea, Crocidura olivieri, Sylvisorex ollula, Paraechinus aethiopicus and Atelerix frontalis. Journal of Chemical Neuroanatomy, 2016, 72, 34-52.	2.1	19
137	The Distribution of Doublecortin-Immunopositive Cells in the Brains of Four Afrotherian Mammals: the Hottentot Golden Mole(Amblysomus hottentotus), the Rock Hyrax(Procavia capensis), the Eastern Rock Sengi(Elephantulus myurus)and the Four-Toed Sengi(Petrodromus tetradactylus). Brain, Behavior and Evolution, 2014, 84, 227-241.	1.7	18
138	Arabian Oryx (<i>Oryx leucoryx</i>) Respond to Increased Ambient Temperatures with a Seasonal Shift in the Timing of Their Daily Inactivity Patterns. Journal of Biological Rhythms, 2016, 31, 365-374.	2.6	18
139	Understanding the balance and integration of volume and synaptic transmission. Relevance for psychiatry. Neurology Psychiatry and Brain Research, 2013, 19, 141-158.	2.0	17
140	Adult neurogenesis in a giant otter shrew (Potamogale velox). Neuroscience, 2013, 238, 270-279.	2.3	17
141	Regional distribution of cholinergic, catecholaminergic, serotonergic and orexinergic neurons in the brain of two carnivore species: The feliform banded mongoose (Mungos mungo) and the caniform domestic ferret (Mustela putorius furo). Journal of Chemical Neuroanatomy, 2017, 82, 12-28.	2.1	17
142	A test of the lateral semicircular canal correlation to head posture, diet and other biological traits in â€œungulateâ€•mammals. Scientific Reports, 2020, 10, 19602.	3.3	17
143	Nuclear organization and morphology of serotonergic neurons in the brain of the Nile crocodile, Crocodylus niloticus. Journal of Chemical Neuroanatomy, 2008, 35, 133-145.	2.1	16
144	Neocortical neuron morphology in Afrotheria: comparing the rock hyrax with the African elephant. Annals of the New York Academy of Sciences, 2011, 1225, 37-46.	3.8	16

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145	Physiological implications of the abnormal absence of the parietal foramen in a late Permian cynodont (Therapsida). Die Naturwissenschaften, 2015, 102, 69.	1.6	16
146	Orexinergic bouton density is lower in the cerebral cortex of cetaceans compared to artiodactyls. Journal of Chemical Neuroanatomy, 2015, 68, 61-76.	2.1	16
147	Stature estimation from the femur and tibia in Black South African sub-adults. Forensic Science International, 2017, 270, 277.e1-277.e10.	2.2	15
148	Functional MRI in the Nile crocodile: a new avenue for evolutionary neurobiology. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180178.	2.6	15
149	Putative Adult Neurogenesis in Old World Parrots: The Congo African Grey Parrot (Psittacus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.7	15
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