Jon H Kaas

List of Publications by Year
in descending order

340	24,109	5896	12272
papers	citations	81 h-index	133 g-index

352	352	352	12871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Escaping the nocturnal bottleneck, and the evolution of the dorsal and ventral streams of visual processing in primates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210293.	4.0	15
2	Corticocuneate projections are altered after spinal cord dorsal column lesions in New World monkeys. Journal of Comparative Neurology, 2021, 529, 1669-1702.	1.6	3
3	Using Electrical Stimulation to Explore and Augment the Functions of Parietal-Frontal Cortical Networks in Primates. Contemporary Clinical Neuroscience, 2021, , 3-18.	0.3	2
4	Cortical connections of the functional domain for climbing or running in posterior parietal cortex of galagos. Journal of Comparative Neurology, 2021, 529, 2789-2812.	1.6	5
5	Longitudinal fMRI measures of cortical reactivation and hand use with and without training after sensory loss in primates. NeuroImage, 2021, 236, 118026.	4.2	5
6	Interactions within and between parallel parietal-frontal networks involved in complex motor behaviors in prosimian galagos and a squirrel monkey. Journal of Neurophysiology, 2020, 123, 34-56.	1.8	11
7	The Evolution of the Pulvinar Complex in Primates and Its Role in the Dorsal and Ventral Streams of Cortical Processing. Vision (Switzerland), 2020, 4, 3.	1.2	38
8	The postnatal development of MT, V1, LGN, pulvinar and SC in prosimian galagos (<scp><i>Otolemur) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	3
9	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
10	Comparative Functional Anatomy of Marmoset Brains. ILAR Journal, 2020, 61, 260-273.	1.8	8
11	The Somatosensory System of Primates. , 2020, , 180-197.		1
12	Cortical and Subcortical Plasticity After Sensory Loss in the Somatosensory System of Primates. , 2020, , 399-418.		1
13	Cortical projections to the two retinotopic maps of primate pulvinar are distinct. Journal of Comparative Neurology, 2019, 527, 577-588.	1.6	20
14	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
15	The sensory thalamus and visual midbrain in mouse lemurs. Journal of Comparative Neurology, 2019, 527, 2599-2611.	1.6	5
16	The origin and evolution of neocortex: From early mammals to modern humans. Progress in Brain Research, 2019, 250, 61-81.	1.4	26
17	Cortical connections of area 2 and posterior parietal area 5 in macaque monkeys. Journal of Comparative Neurology, 2019, 527, 718-737.	1.6	27
18	Reorganization of Higher-Order Somatosensory Cortex After Sensory Loss from Hand in Squirrel Monkeys. Cerebral Cortex, 2019, 29, 4347-4365.	2.9	6

#	Article	IF	Citations
19	Remembering Vivien Casagrande. Journal of Comparative Neurology, 2019, 527, 503-504.	1.6	0
20	Corticocortical projections to area 1 in squirrel monkeys (Saimiri sciureus). European Journal of Neuroscience, 2019, 49, 1024-1040.	2.6	13
21	Architectonic features and relative locations of primary sensory and related areas of neocortex in mouse lemurs. Journal of Comparative Neurology, 2019, 527, 625-639.	1.6	13
22	Cortical projections to the superior colliculus in grey squirrels (Sciurus carolinensis). European Journal of Neuroscience, 2019, 49, 1008-1023.	2.6	10
23	Second-order spinal cord pathway contributes to cortical responses after long recoveries from dorsal column injury in squirrel monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4258-4263.	7.1	18
24	Frontal eye field in prosimian galagos: Intracortical microstimulation and tracing studies. Journal of Comparative Neurology, 2018, 526, 626-652.	1.6	12
25	Longâ€term histological changes in the macaque primary visual cortex and the lateral geniculate nucleus after monocular deprivation produced by early restricted retinal lesions and diffuser induced form deprivation. Journal of Comparative Neurology, 2018, 526, 2955-2972.	1.6	7
26	The evolution of parietal cortex in primates. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 151, 31-52.	1.8	23
27	The Skinny on Brains: Size Matters. Cerebrum: the Dana Forum on Brain Science, 2018, 2018, .	0.1	0
28	câ€FOS expression in the visual system of tree shrews after monocular inactivation. Journal of Comparative Neurology, 2017, 525, 151-165.	1.6	5
29	Optic nerve, superior colliculus, visual thalamus, and primary visual cortex of the northern elephant seal (Mirounga angustirostris) and California sea lion (Zalophus californianus). Journal of Comparative Neurology, 2017, 525, 2109-2132.	1.6	13
30	The Evolution of Mammalian Brains from Early Mammals to Present-Day Primates. , 2017, , 59-80.		10
31	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
32	The evolution and functions of nuclei of the visual pulvinar in primates. Journal of Comparative Neurology, 2017, 525, 3207-3226.	1.6	82
33	Distributions of Cells and Neurons across the Cortical Sheet in Old World Macaques. Brain, Behavior and Evolution, 2016, 88, 1-13.	1.7	32
34	Evolution of posterior parietal cortex and parietalâ€frontal networks for specific actions in primates. Journal of Comparative Neurology, 2016, 524, 595-608.	1.6	94
35	Corticalization of motor control in humans is a consequence of brain scaling in primate evolution. Journal of Comparative Neurology, 2016, 524, 448-455.	1.6	47
36	Intracortical connections are altered after longâ€standing deprivation of dorsal column inputs in the hand region of area 3b in squirrel monkeys. Journal of Comparative Neurology, 2016, 524, 1494-1526.	1.6	28

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37	Spatiotemporal trajectories of reactivation of somatosensory cortex by direct and secondary pathways after dorsal column lesions in squirrel monkeys. NeuroImage, 2016, 142, 431-453.	4.2	19
38	No relative expansion of the number of prefrontal neurons in primate and human evolution. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9617-9622.	7.1	75
39	Chronic recordings reveal tactile stimuli can suppress spontaneous activity of neurons in somatosensory cortex of awake and anesthetized primates. Journal of Neurophysiology, 2016, 115, 2105-2123.	1.8	12
40	Plasticity and Recovery after Dorsal Column Spinal Cord Injury in Nonhuman Primates. Journal of Experimental Neuroscience, 2016, 10s1, JEN.S40197.	2.3	11
41	Somatosensory brainstem, thalamus, and cortex of the California sea lion (Zalophus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.6	30
42	Congenital foot deformation alters the topographic organization in the primate somatosensory system. Brain Structure and Function, 2016, 221, 383-406.	2.3	10
43	Cortical Connections of the Caudal Portion of Posterior Parietal Cortex in Prosimian Galagos. Cerebral Cortex, 2016, 26, 2753-2777.	2.9	26
44	Cortical cell and neuron density estimates in one chimpanzee hemisphere. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 740-745.	7.1	67
45	The origins of thalamic inputs to grasp zones in frontal cortex of macaque monkeys. Brain Structure and Function, 2016, 221, 3123-3140.	2.3	1
46	Resolving the organization of the territory of the third visual area: A new proposal. Visual Neuroscience, 2015, 32, E016.	1.0	18
47	Spinal cord neuron inputs to the cuneate nucleus that partially survive dorsal column lesions: A pathway that could contribute to recovery after spinal cord injury. Journal of Comparative Neurology, 2015, 523, 2138-2160.	1.6	26
48	Topographic Maps. , 2015, , 426-428.		0
49	Neural Plasticity. , 2015, , 619-622.		0
50	Reversible Deactivation of Motor Cortex Reveals Functional Connectivity with Posterior Parietal Cortex in the Prosimian Galago (Otolemur garnettii). Journal of Neuroscience, 2015, 35, 14406-14422.	3.6	23
51	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
52	Principles of Organization of the Dorsal Lateral Geniculate Nucleus. Brain, Behavior and Evolution, 2015, 85, 137-138.	1.7	0
53	Blindsight: Post-natal Potential of a Transient Pulvinar Pathway. Current Biology, 2015, 25, R155-R157.	3.9	28
54	How to count cells: the advantages and disadvantages of the isotropic fractionator compared with stereology. Cell and Tissue Research, 2015, 360, 29-42.	2.9	79

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55	The Types of Functional and Structural Subdivisions of Cortical Areas. , 2015, , 35-62.		0
56	Subcortical barrelette-like and barreloid-like structures in the prosimian galago (<i>Otolemur) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 112, 7079-7084.	7.1	37
57	Somatosensory System. , 2015, , 675-701.		12
58	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
59	Three counting methods agree on cell and neuron number in chimpanzee primary visual cortex. Frontiers in Neuroanatomy, 2014, 8, 36.	1.7	62
60	Towards a unified scheme of cortical lamination for primary visual cortex across primates: insights from NeuN and VGLUT2 immunoreactivity. Frontiers in Neuroanatomy, 2014, 8, 81.	1.7	59
61	The reactivation of somatosensory cortex and behavioral recovery after sensory loss in mature primates. Frontiers in Systems Neuroscience, 2014, 8, 84.	2.5	32
62	Histological features of layers and sublayers in cortical visual areas V1 and V2 of chimpanzees, macaque monkeys, and humans. Eye and Brain, 2014, 2014, 5.	2.5	36
63	Patchy distributions of myelin and vesicular glutamate transporter 2 align with cytochrome oxidase blobs and interblobs in the superficial layers of the primary visual cortex. Eye and Brain, 2014, 6, 19.	2.5	8
64	Distribution of cortical neurons projecting to the superior colliculus in macaque monkeys. Eye and Brain, 2014, 2014, 121.	2.5	34
65	Current research on the organization and function of the visual system in primates. Eye and Brain, 2014, 6, 1.	2.5	10
66	Identification of ocular dominance domains in New World owl monkeys by immediate-early gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4297-4302.	7.1	22
67	Cortical inputs to the middle temporal visual area in New World owl monkeys. Eye and Brain, 2014, 2015, 1.	2.5	4
68	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
69	Parallel Functional Reorganizations of Somatosensory Areas 3b and 1, and S2 following Spinal Cord Injury in Squirrel Monkeys. Journal of Neuroscience, 2014, 34, 9351-9363.	3.6	20
70	Cortical Neuron Response Properties Are Related to Lesion Extent and Behavioral Recovery after Sensory Loss from Spinal Cord Injury in Monkeys. Journal of Neuroscience, 2014, 34, 4345-4363.	3.6	21
71	Evolution and Development of the Mammalian Cerebral Cortex. Brain, Behavior and Evolution, 2014, 83, 126-139.	1.7	64
72	Corticocortical projections to representations of the teeth, tongue, and face in somatosensory area 3b of macaques. Journal of Comparative Neurology, 2014, 522, 546-572.	1.6	28

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73	Effects of muscimol inactivations of functional domains in motor, premotor, and posterior parietal cortex on complex movements evoked by electrical stimulation. Journal of Neurophysiology, 2014, 111, 1100-1119.	1.8	55
74	Cortical Networks for Ethologically Relevant Behaviors in Primates. American Journal of Primatology, 2013, 75, 407-414.	1.7	59
75	Faster Scaling of Auditory Neurons in Cortical Areas Relative to Subcortical Structures in Primate Brains. Brain, Behavior and Evolution, 2013, 81, 209-218.	1.7	15
76	Projections of the superior colliculus to the pulvinar in prosimian galagos (Otolemur) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (g 1664-1682.	1.6	53
77	Epileptic baboons have lower numbers of neurons in specific areas of cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19107-19112.	7.1	24
78	Functional signature of recovering cortex: Dissociation of local field potentials and spiking activity in somatosensory cortices of spinal cord injured monkeys. Experimental Neurology, 2013, 249, 132-143.	4.1	14
79	Cortical connections to single digit representations in area 3b of somatosensory cortex in squirrel monkeys and prosimian galagos. Journal of Comparative Neurology, 2013, 521, 3768-3790.	1.6	43
80	Cortical projections to the superior colliculus in tree shrews (Tupaia belangeri). Journal of Comparative Neurology, 2013, 521, 1614-1632.	1.6	13
81	The evolution of brains from early mammals to humans. Wiley Interdisciplinary Reviews: Cognitive Science, 2013, 4, 33-45.	2.8	203
82	Impairment and recovery of hand use after unilateral section of the dorsal columns of the spinal cord in squirrel monkeys. Behavioural Brain Research, 2013, 252, 363-376.	2.2	44
83	Thalamic Input to Representations of the Teeth, Tongue, and Face in Somatosensory Area 3b of Macaque Monkeys. Journal of Comparative Neurology, 2013, 521, 3954-3971.	1.6	21
84	Differential expression of vesicular glutamate transporters 1 and 2 may identify distinct modes of glutamatergic transmission in the macaque visual system. Journal of Chemical Neuroanatomy, 2013, 50-51, 21-38.	2.1	46
85	Development of myelination and cholinergic innervation in the central auditory system of a prosimian primate (Otolemur garnetti). Journal of Comparative Neurology, 2013, 521, 3804-3816.	1.6	13
86	Patterns of cortical reorganization in the adult marmoset after a cervical spinal cord injury. Journal of Comparative Neurology, 2013, 521, 3451-3463.	1.6	16
87	Cell and neuron densities in the primary motor cortex of primates. Frontiers in Neural Circuits, 2013, 7, 30.	2.8	58
88	Human Brain Evolution. , 2013, , 901-918.		21
89	Dynamic Reorganization of Digit Representations in Somatosensory Cortex of Nonhuman Primates after Spinal Cord Injury. Journal of Neuroscience, 2012, 32, 14649-14663.	3.6	44
90	Chondroitinase ABC promotes selective reactivation of somatosensory cortex in squirrel monkeys after a cervical dorsal column lesion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2595-2600.	7.1	104

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91	Differential Expression Patterns of Striate Cortex-Enriched Genes among Old World, New World, and Prosimian Primates. Cerebral Cortex, 2012, 22, 2313-2321.	2.9	14
92	Intrinsic signal optical imaging evidence for dorsal V3 in the prosimian galago (Otolemur) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	1.6	18
93	Somatosensory System. , 2012, , 1074-1109.		32
94	Evolution of columns, modules, and domains in the neocortex of primates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10655-10660.	7.1	118
95	The evolution of neocortex in primates. Progress in Brain Research, 2012, 195, 91-102.	1.4	86
96	Motor Cortex. , 2012, , 528-538.		7
97	Use of flow cytometry for high-throughput cell population estimates in brain tissue. Frontiers in Neuroanatomy, 2012, 6, 27.	1.7	34
98	Effects of spatiotemporal stimulus properties on spike timing correlations in owl monkey primary somatosensory cortex. Journal of Neurophysiology, 2012, 108, 3353-3369.	1.8	10
99	The Geometric Structure of the Brain Fiber Pathways. Science, 2012, 335, 1628-1634.	12.6	385
100	Cortical projections to the superior colliculus in prosimian galagos (Otolemur garnetti). Journal of Comparative Neurology, 2012, 520, 2002-2020.	1.6	21
101	Cortical and subcortical connections of V1 and V2 in early postnatal macaque monkeys. Journal of Comparative Neurology, 2012, 520, 544-569.	1.6	42
102	Cortical networks subserving upper limb movements in primates. European Journal of Physical and Rehabilitation Medicine, 2012, 48, 299-306.	2.2	24
103	Reconstructing the Areal Organization of the Neocortex of the First Mammals. Brain, Behavior and Evolution, 2011, 78, 7-21.	1.7	53
104	Optical imaging in galagos reveals parietalâ€“frontal circuits underlying motor behavior. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E725-32.	7.1	52
105	VGLUT2 mRNA and protein expression in the visual thalamus and midbrain of prosimian galagos (Otolemur garnetti). Eye and Brain, 2011, 2011, 5.	2.5	24
106	VGLUT1 mRNA and protein expression in the visual system of prosimian galagos (Otolemur garnetti). Eye and Brain, 2011, 2011, 81.	2.5	12
107	Neocortex in early mammals and its subsequent variations. Annals of the New York Academy of Sciences, 2011, 1225, 28-36.	3.8	43
108	Cellâ€poor septa separate representations of digits in the ventroposterior nucleus of the thalamus in monkeys and prosimian galagos. Journal of Comparative Neurology, 2011, 519, 738-758.	1.6	24

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109	Superior colliculus connections with visual thalamus in gray squirrels (Sciurus carolinensis): Evidence for four subdivisions within the pulvinar complex. Journal of Comparative Neurology, 2011, 519, 1071-1094.	1.6	60
110	Multiple Parietalâ€“Frontal Pathways Mediate Grasping in Macaque Monkeys. Journal of Neuroscience, 2011, 31, 11660-11677.	3.6	120
111	Cortical Connections of Functional Zones in Posterior Parietal Cortex and Frontal Cortex Motor Regions in New World Monkeys. Cerebral Cortex, 2011, 21, 1981-2002.	2.9	119
112	Updated Neuronal Scaling Rules for the Brains of Glires (Rodents/Lagomorphs). Brain, Behavior and Evolution, 2011, 78, 302-314.	1.7	107
113	Gorilla and Orangutan Brains Conform to the Primate Cellular Scaling Rules: Implications for Human Evolution. Brain, Behavior and Evolution, 2011, 77, 33-44.	1.7	73
114	Brain Banks Provide a Valuable Resource for Comparative Studies. Brain, Behavior and Evolution, 2011, 77, 65-66.	1.7	4
115	Preface. Brain, Behavior and Evolution, 2011, 78, 5-6.	1.7	0
116	Comparison of Area 17 Cellular Composition in Laboratory and Wild-Caught Rats Including Diurnal and Nocturnal Species. Brain, Behavior and Evolution, 2011, 77, 116-130.	1.7	32
117	Reorganization of Somatosensory Cortical Areas 3b and 1 after Unilateral Section of Dorsal Columns of the Spinal Cord in Squirrel Monkeys. Journal of Neuroscience, 2011, 31, 13662-13675.	3.6	52
118	The Organization and Evolution of Dorsal Stream Multisensory Motor Pathways in Primates. Frontiers in Neuroanatomy, 2011, 5, 34.	1.7	75
119	Spatiotemporal Properties of Neuron Response Suppression in Owl Monkey Primary Somatosensory Cortex When Stimuli Are Presented to Both Hands. Journal of Neuroscience, 2011, 31, 3589-3601.	3.6	60
120	The Evolution of Auditory Cortex: The Core Areas. , 2011, , 407-427.		29
121	Overview of Sensory Systems of Tarsius. International Journal of Primatology, 2010, 31, 1002-1031.	1.9	20
122	Architectonic Subdivisions of Neocortex in the Galago (Otolemur garnetti). Anatomical Record, 2010, 293, 1033-1069.	1.4	61
123	Somatosensation in social perception. Nature Reviews Neuroscience, 2010, 11, 417-428.	10.2	695
124	The lives of the brain. Journal of Clinical Investigation, 2010, 120, 938-938.	8.2	0
125	A rapid and reliable method of counting neurons and other cells in brain tissue: a comparison of flow cytometry and manual counting methods. Frontiers in Neuroanatomy, 2010, 4, 5.	1.7	45
126	Orientation and direction-of-motion response in the middle temporal visual area (MT) of New World owl monkeys as revealed by intrinsic-signal optical imaging. Frontiers in Neuroanatomy, 2010, 4, 23.	1.7	14

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127	Response Properties of Neurons in Primary Somatosensory Cortex of Owl Monkeys Reflect Widespread Spatiotemporal Integration. Journal of Neurophysiology, 2010, 103, 2139-2157.	1.8	47
128	Cellular Scaling Rules for Primate Spinal Cords. Brain, Behavior and Evolution, 2010, 76, 45-59.	1.7	35
129	Cellular Scaling Rules for the Brains of an Extended Number of Primate Species. Brain, Behavior and Evolution, 2010, 76, 32-44.	1.7	90
130	Neuron densities vary across and within cortical areas in primates. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15927-15932.	7.1	333
131	Connectivity-driven white matter scaling and folding in primate cerebral cortex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19008-19013.	7.1	135
132	Functional organization of motor cortex of adult macaque monkeys is altered by sensory loss in infancy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3192-3197.	7.1	16
133	Modular Processing in the Hand Representation of Primate Primary Somatosensory Cortex Coexists With Widespread Activation. Journal of Neurophysiology, 2010, 104, 3136-3145.	1.8	19
134	Thalamocortical Connections of Functional Zones in Posterior Parietal Cortex and Frontal Cortex Motor Regions in New World Monkeys. Cerebral Cortex, 2010, 20, 2391-2410.	2.9	80
135	Cortical Circuits. , 2010, , 25-34.		3
136	Cellular scaling rules of insectivore brains. Frontiers in Neuroanatomy, 2009, 3, 8.	1.7	82
137	Expression of immediate-early genes reveals functional compartments within ocular dominance columns after brief monocular inactivation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12151-12155.	7.1	32
138	Thalamocortical Connections of Parietal Somatosensory Cortical Fields in Macaque Monkeys are Highly Divergent and Convergent. Cerebral Cortex, 2009, 19, 2038-2064.	2.9	82
139	Cortical connections of the visual pulvinar complex in prosimian galagos (Otolemur garnetti). Journal of Comparative Neurology, 2009, 517, 493-511.	1.6	27
140	Organization of the posterior parietal cortex in galagos: I. Functional zones identified by microstimulation. Journal of Comparative Neurology, 2009, 517, 765-782.	1.6	74
141	Organization of the posterior parietal cortex in galagos: II. Ipsilateral cortical connections of physiologically identified zones within anterior sensorimotor region. Journal of Comparative Neurology, 2009, 517, 783-807.	1.6	51
142	Architectonic Subdivisions of Neocortex in the Tree Shrew (Tupaia belangeri). Anatomical Record, 2009, 292, 994-1027.	1.4	66
143	The Organization of Orientation-Selective, Luminance-Change and Binocular- Preference Domains in the Second (V2) and Third (V3) Visual Areas of New World Owl Monkeys as Revealed by Intrinsic Signal Optical Imaging. Cerebral Cortex, 2009, 19, 1394-1407.	2.9	36
144	An Architectonic Study of the Neocortex of the Short-Tailed Opossum <i>(Monodelphis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.7	41

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145	Microstimulation and architectonics of frontoparietal cortex in common marmosets (Callithrix) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	64
146	Corpus callosum connections of subdivisions of motor and premotor cortex, and frontal eye field in a prosimian primate, Otolemur garnetti. Journal of Comparative Neurology, 2008, 508, 565-578.	1.6	26
147	Thalamic connections of architectonic subdivisions of temporal cortex in grey squirrels (Sciurus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	29
148	Architectonic Subdivisions of Neocortex in the Gray Squirrel (Sciurus carolinensis). Anatomical Record, 2008, 291, 1301-1333.	1.4	61
149	The evolution of the complex sensory and motor systems of the human brain. Brain Research Bulletin, 2008, 75, 384-390.	3.0	142
150	Cortical and subcortical plasticity in the brains of humans, primates, and rats after damage to sensory afferents in the dorsal columns of the spinal cord. Experimental Neurology, 2008, 209, 407-416.	4.1	169
151	Widespread spatial integration in primary somatosensory cortex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10233-10237.	7.1	65
152	Large-Scale Reorganization in the Somatosensory Cortex and Thalamus after Sensory Loss in Macaque Monkeys. Journal of Neuroscience, 2008, 28, 11042-11060.	3.6	145
153	The basic nonuniformity of the cerebral cortex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12593-12598.	7.1	137
154	Organizing Principles of Sensory Representations. Novartis Foundation Symposium, 2008, 228, 188-205.	1.1	16
155	Cellular scaling rules for primate brains. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3562-3567.	7.1	323
156	Introduction: The Use of Animal Research in Developing Treatments for Human Motor Disorders: Brain-Computer Interfaces and the Regeneration of Damaged Brain Circuits. ILAR Journal, 2007, 48, 313-316.	1.8	1
157	Cortical connections of the middle temporal and the middle temporal crescent visual areas in prosimian galagos (Otolemur garnetti). Anatomical Record, 2007, 290, 349-366.	1.4	20
158	The organization of frontoparietal cortex in the tree shrew (Tupaia belangeri): II. Connectional evidence for a frontal-posterior parietal network. Journal of Comparative Neurology, 2007, 501, 121-149.	1.6	53
159	Cortical and thalamic connections of the representations of the teeth and tongue in somatosensory cortex of new world monkeys. Journal of Comparative Neurology, 2007, 501, 95-120.	1.6	63
160	Can experiments in nonhuman primates expedite the translation of treatments for spinal cord injury in humans?. Nature Medicine, 2007, 13, 561-566.	30.7	403
161	Pulvinar contributions to the dorsal and ventral streams of visual processing in primates. Brain Research Reviews, 2007, 55, 285-296.	9.0	265
162	Intrinsic-signal optical imaging reveals cryptic ocular dominance columns in primary visual cortex of New World owl monkeys. Frontiers in Neuroscience, 2007, 1, 67-75.	2.8	17

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163	Organization of frontoparietal cortex in the tree shrew (Tupaia belangeri). I. Architecture, microelectrode maps, and corticospinal connections. Journal of Comparative Neurology, 2006, 497, 133-154.	1.6	42
164	The Evolution of Visual Cortex in Primates. , 2006, , 267-283.		5
165	Evolution of the neocortex. Current Biology, 2006, 16, R910-R914.	3.9	65
166	Cortical network for representing the teeth and tongue in primates. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 182-190.	2.0	47
167	Specializations of the granular prefrontal cortex of primates: Implications for cognitive processing. The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology, 2006, 288A, 26-35.	2.0	134
168	Ipsilateral cortical connections of dorsal and ventral premotor areas in New World owl monkeys. Journal of Comparative Neurology, 2006, 495, 691-708.	1.6	60
169	Organization of primary afferent projections to the gracile nucleus of the dorsal column system of primates. Journal of Comparative Neurology, 2006, 499, 183-217.	1.6	28
170	Unequal representation of cardinal vs. oblique orientations in the middle temporal visual area. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17490-17495.	7.1	51
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