

# Patrick R Hof

## List of Publications by Year in descending order

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417  
papers

43,711  
citations

2101

100  
h-index

2895

190  
g-index

444  
all docs

444  
docs citations

444  
times ranked

41947  
citing authors

#	ARTICLE	IF	CITATIONS
1	An anatomically comprehensive atlas of the adult human brain transcriptome. <i>Nature</i> , 2012, 489, 391-399.	27.8	2,321
2	Tau protein isoforms, phosphorylation and role in neurodegenerative disorders <sup>11</sup> These authors contributed equally to this work.. <i>Brain Research Reviews</i> , 2000, 33, 95-130.	9.0	1,743
3	Correlation of Alzheimer Disease Neuropathologic Changes With Cognitive Status: A Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 362-381.	1.7	1,599
4	Life and Death of Neurons in the Aging Brain. <i>Science</i> , 1997, 278, 412-419.	12.6	1,226
5	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. <i>Science</i> , 2018, 362, .	12.6	805
6	Stress-Induced Alterations in Prefrontal Cortical Dendritic Morphology Predict Selective Impairments in Perceptual Attentional Set-Shifting. <i>Journal of Neuroscience</i> , 2006, 26, 7870-7874.	3.6	789
7	White Matter Changes in Schizophrenia. <i>Archives of General Psychiatry</i> , 2003, 60, 443.	12.3	761
8	New insights into the classification and nomenclature of cortical GABAergic interneurons. <i>Nature Reviews Neuroscience</i> , 2013, 14, 202-216.	10.2	707
9	Repeated Stress Induces Dendritic Spine Loss in the Rat Medial Prefrontal Cortex. <i>Cerebral Cortex</i> , 2006, 16, 313-320.	2.9	667
10	Human cingulate cortex: Surface features, flat maps, and cytoarchitecture. <i>Journal of Comparative Neurology</i> , 1995, 359, 490-506.	1.6	657
11	The Anterior Cingulate Cortex. <i>Annals of the New York Academy of Sciences</i> , 2001, 935, 107-117.	3.8	630
12	Haploinsufficiency of the autism-associated Shank3 gene leads to deficits in synaptic function, social interaction, and social communication. <i>Molecular Autism</i> , 2010, 1, 15.	4.9	521
13	Anterior insular cortex and emotional awareness. <i>Journal of Comparative Neurology</i> , 2013, 521, 3371-3388.	1.6	507
14	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. <i>Biomolecules</i> , 2016, 6, 6.	4.0	503
15	Prolonged myelination in human neocortical evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16480-16485.	7.1	492
16	Neuropathological findings in autism. <i>Brain</i> , 2004, 127, 2572-2583.	7.6	453
17	Minicolumnar abnormalities in autism. <i>Acta Neuropathologica</i> , 2006, 112, 287-303.	7.7	434
18	Consensus classification of posterior cortical atrophy. <i>Alzheimer's and Dementia</i> , 2017, 13, 870-884.	0.8	423

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19	Metabolic costs and evolutionary implications of human brain development. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13010-13015.	7.1	409
20	Loss and altered spatial distribution of oligodendrocytes in the superior frontal gyrus in schizophrenia. Biological Psychiatry, 2003, 53, 1075-1085.	1.3	393
21	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.	2.1	381
22	Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. Acta Neuropathologica, 2016, 131, 87-102.	7.7	380
23	The von Economo neurons in frontoinsular and anterior cingulate cortex in great apes and humans. Brain Structure and Function, 2010, 214, 495-517.	2.3	377
24	Comparative cellular analysis of motor cortex in human, marmoset and mouse. Nature, 2021, 598, 111-119.	27.8	361
25	Quantitative analysis of a vulnerable subset of pyramidal neurons in Alzheimer's disease: I. Superior frontal and inferior temporal cortex. Journal of Comparative Neurology, 1990, 301, 44-54.	1.6	357
26	Limbic Circuitry in Patients With Autism Spectrum Disorders Studied With Positron Emission Tomography and Magnetic Resonance Imaging. American Journal of Psychiatry, 2000, 157, 1994-2001.	7.2	354
27	The aging brain: morphomolecular senescence of cortical circuits. Trends in Neurosciences, 2004, 27, 607-613.	8.6	354
28	Changes in the structural complexity of the aged brain. Aging Cell, 2007, 6, 275-284.	6.7	344
29	Repeated stress alters dendritic spine morphology in the rat medial prefrontal cortex. Journal of Comparative Neurology, 2008, 507, 1141-1150.	1.6	344
30	Autism spectrum disorder: neuropathology and animal models. Acta Neuropathologica, 2017, 134, 537-566.	7.7	335
31	The epigenetics of aging and neurodegeneration. Progress in Neurobiology, 2015, 131, 21-64.	5.7	334
32	Evolution of increased glia-neuron ratios in the human frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13606-13611.	7.1	303
33	Comprehensive cellular-resolution atlas of the adult human brain. Journal of Comparative Neurology, 2016, 524, 3127-3481.	1.6	302
34	Quantitative analysis of a vulnerable subset of pyramidal neurons in Alzheimer's disease: II. Primary and secondary visual cortex. Journal of Comparative Neurology, 1990, 301, 55-64.	1.6	293
35	Dendritic BC200 RNA in aging and in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10679-10684.	7.1	279
36	Age-related Dendritic and Spine Changes in Corticocortically Projecting Neurons in Macaque Monkeys. Cerebral Cortex, 2003, 13, 950-961.	2.9	276

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37	Reversibility of apical dendritic retraction in the rat medial prefrontal cortex following repeated stress. <i>Experimental Neurology</i> , 2005, 196, 199-203.	4.1	271
38	Neurofilament protein defines regional patterns of cortical organization in the macaque monkey visual system: A quantitative immunohistochemical analysis. <i>Journal of Comparative Neurology</i> , 1995, 352, 161-186.	1.6	255
39	Regional Distribution of Neurofibrillary Tangles and Senile Plaques in the Cerebral Cortex of Elderly Patients: A Quantitative Evaluation of a One-Year Autopsy Population from a Geriatric Hospital. <i>Cerebral Cortex</i> , 1994, 4, 138-150.	2.9	254
40	Cetaceans Have Complex Brains for Complex Cognition. <i>PLoS Biology</i> , 2007, 5, e139.	5.6	239
41	Functional Trade-Offs in White Matter Axonal Scaling. <i>Journal of Neuroscience</i> , 2008, 28, 4047-4056.	3.6	239
42	Recommendations for straightforward and rigorous methods of counting neurons based on a computer simulation approach. <i>Journal of Chemical Neuroanatomy</i> , 2000, 20, 93-114.	2.1	234
43	Estrogen Alters Spine Number and Morphology in Prefrontal Cortex of Aged Female Rhesus Monkeys. <i>Journal of Neuroscience</i> , 2006, 26, 2571-2578.	3.6	229
44	Structure of the cerebral cortex of the humpback whale, <i>Megaptera novaeangliae</i> (Cetacea). <i>Trends in Neurosciences</i> , 2007, 30, 10-14.	1.4	229
45	Spindle neurons of the human anterior cingulate cortex. <i>Journal of Comparative Neurology</i> , 1995, 355, 27-37.	1.6	226
46	Neurons in the fusiform gyrus are fewer and smaller in autism. <i>Brain</i> , 2008, 131, 987-999.	7.6	224
47	Chapter 37 Selective vulnerability of corticocortical and hippocampal circuits in aging and Alzheimer's disease. <i>Progress in Brain Research</i> , 2002, 136, 467-486.	1.4	214
48	Sister grouping of chimpanzees and humans as revealed by genome-wide phylogenetic analysis of brain gene expression profiles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2957-2962.	7.1	213
49	Stress-Induced Dendritic Remodeling in the Prefrontal Cortex is Circuit Specific. <i>Cerebral Cortex</i> , 2009, 19, 2479-2484.	2.9	213
50	The von Economo neurons in the fronto-insular and anterior cingulate cortex. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, 59-71.	3.8	207
51	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017, 151, 101-138.	5.7	206
52	Specific Pathological Tau Protein Variants Characterize Pick's Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 159-168.	1.7	204
53	Clinicopathological Validation Study of Four Sets of Clinical Criteria for Vascular Dementia. <i>American Journal of Psychiatry</i> , 2002, 159, 82-87.	7.2	193
54	Cortical Microinfarcts and Demyelination Significantly Affect Cognition in Brain Aging. <i>Stroke</i> , 2004, 35, 410-414.	2.0	193

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55	Molecular and cellular reorganization of neural circuits in the human lineage. <i>Science</i> , 2017, 358, 1027-1032.	12.6	192
56	The nature and effects of cortical microvascular pathology in aging and Alzheimer's disease. <i>Neurological Research</i> , 2004, 26, 573-578.	1.3	190
57	Anterior cingulate cortex pathology in schizophrenia and bipolar disorder. <i>Acta Neuropathologica</i> , 2001, 102, 373-379.	7.7	189
58	Estrogen increases the number of spinophilin-immunoreactive spines in the hippocampus of young and aged female rhesus monkeys. <i>Journal of Comparative Neurology</i> , 2003, 465, 540-550.	1.6	187
59	Neocortical neuronal subpopulations labeled by a monoclonal antibody to calbindin exhibit differential vulnerability in Alzheimer's disease. <i>Experimental Neurology</i> , 1991, 111, 293-301.	4.1	184
60	Cognitive Consequences of Thalamic, Basal Ganglia, and Deep White Matter Lacunes in Brain Aging and Dementia. <i>Stroke</i> , 2005, 36, 1184-1188.	2.0	184
61	Evolution amplified processing with temporally dispersed slow neuronal connectivity in primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19551-19556.	7.1	182
62	Rayburst sampling, an algorithm for automated three-dimensional shape analysis from laser scanning microscopy images. <i>Nature Protocols</i> , 2006, 1, 2152-2161.	12.0	181
63	Role of Vascular Risk Factors and Vascular Dysfunction in Alzheimer's Disease. <i>Mount Sinai Journal of Medicine</i> , 2010, 77, 82-102.	1.9	181
64	Molecular and cellular evidence for an oligodendrocyte abnormality in schizophrenia. <i>Neurochemical Research</i> , 2002, 27, 1193-1200.	3.3	175
65	Selective Frontoinsular von Economo Neuron and Fork Cell Loss in Early Behavioral Variant Frontotemporal Dementia. <i>Cerebral Cortex</i> , 2012, 22, 251-259.	2.9	169
66	Parvalbumin-Immunoreactive Neurons in the Neocortex are Resistant to Degeneration in Alzheimer's Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1991, 50, 451-462.	1.7	168
67	The presenilin-1 familial Alzheimer disease mutant P117L impairs neurogenesis in the hippocampus of adult mice. <i>Experimental Neurology</i> , 2004, 188, 224-237.	4.1	168
68	Volume, neuron density and total neuron number in five subcortical regions in schizophrenia. <i>Brain</i> , 2007, 130, 678-692.	7.6	167
69	Ceramides in Alzheimer's Disease: Key Mediators of Neuronal Apoptosis Induced by Oxidative Stress and Accumulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-17.	4.0	167
70	Cerebral cortex pathology in aging and Alzheimer's disease: a quantitative survey of large hospital-based geriatric and psychiatric cohorts. <i>Brain Research Reviews</i> , 1997, 25, 217-245.	9.0	163
71	Distribution of parvalbumin immunoreactivity in the visual cortex of Old World monkeys and humans. <i>Journal of Comparative Neurology</i> , 1990, 301, 417-432.	1.6	161
72	Estrogen Replacement Increases Spinophilin-immunoreactive Spine Number in the Prefrontal Cortex of Female Rhesus Monkeys. <i>Cerebral Cortex</i> , 2004, 14, 215-223.	2.9	161

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73	Estrogen Promotes Stress Sensitivity in a Prefrontal Cortex-Amygdala Pathway. <i>Cerebral Cortex</i> , 2010, 20, 2560-2567.	2.9	161
74	Human neocortical expansion involves glutamatergic neuron diversification. <i>Nature</i> , 2021, 598, 151-158.	27.8	160
75	Brain Microvascular Changes in Alzheimer's Disease and Other Dementias. <i>Annals of the New York Academy of Sciences</i> , 1997, 826, 7-24.	3.8	159
76	Neurochemical phenotype of corticocortical connections in the macaque monkey: Quantitative analysis of a subset of neurofilament protein-immunoreactive projection neurons in frontal, parietal, temporal, and cingulate cortices. <i>Journal of Comparative Neurology</i> , 1995, 362, 109-133.	1.6	158
77	Progressive degeneration of nonphosphorylated neurofilament protein-enriched pyramidal neurons predicts cognitive impairment in Alzheimer's disease: Stereologic analysis of prefrontal cortex area 9. <i>Journal of Comparative Neurology</i> , 2003, 463, 281-302.	1.6	154
78	Human orbitofrontal cortex: Cytoarchitecture and quantitative immunohistochemical parcellation. <i>Journal of Comparative Neurology</i> , 1995, 359, 48-68.	1.6	153
79	Visual cortical projections and chemoarchitecture of macaque monkey pulvinar. , 2000, 419, 377-393.		153
80	Von Economo Neurons in the Elephant Brain. <i>Anatomical Record</i> , 2009, 292, 242-248.	1.4	148
81	The Functional Integration of the Anterior Cingulate Cortex during Conflict Processing. <i>Cerebral Cortex</i> , 2008, 18, 796-805.	2.9	147
82	Interactive effects of age and estrogen on cognition and pyramidal neurons in monkey prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11465-11470.	7.1	146
83	von Economo neurons in autism: A stereologic study of the fronto-insular cortex in children. <i>Brain Research</i> , 2011, 1380, 206-217.	2.2	144
84	A volumetric comparison of the insular cortex and its subregions in primates. <i>Journal of Human Evolution</i> , 2013, 64, 263-279.	2.6	143
85	Cognition and Emotion Integration in the Anterior Insular Cortex. <i>Cerebral Cortex</i> , 2013, 23, 20-27.	2.9	141
86	Amyloid precursor protein (APP) regulates synaptic structure and function. <i>Molecular and Cellular Neurosciences</i> , 2012, 51, 43-52.	2.2	140
87	Oxytocin improves behavioral and electrophysiological deficits in a novel Shank3-deficient rat. <i>ELife</i> , 2017, 6, .	6.0	136
88	Neurofibrillary tangle densities in the hippocampal formation in a non-demented population define subgroups of patients with differential early pathologic changes. <i>Neuroscience Letters</i> , 1993, 153, 131-135.	2.1	132
89	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.	2.6	132
90	Variability of Broca's area homologue in African great apes: Implications for language evolution. <i>The Anatomical Record</i> , 2003, 271A, 276-285.	1.8	124

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91	Organization and Evolution of Brain Lipidome Revealed by Large-Scale Analysis of Human, Chimpanzee, Macaque, and Mouse Tissues. <i>Neuron</i> , 2015, 85, 695-702.	8.1	123
92	Evidence for Early Vulnerability of the Medial and Inferior Aspects of the Temporal Lobe in an 82-Year-Old Patient With Preclinical Signs of Dementia. <i>Archives of Neurology</i> , 1992, 49, 946.	4.5	121
93	Total number and volume of Von Economo neurons in the cerebral cortex of cetaceans. <i>Journal of Comparative Neurology</i> , 2009, 515, 243-259.	1.6	119
94	The activation of interactive attentional networks. <i>NeuroImage</i> , 2016, 129, 308-319.	4.2	117
95	Diffusion Tensor Imaging in Schizophrenia. <i>Biological Psychiatry</i> , 2006, 60, 1181-1187.	1.3	115
96	Synaptic Distribution of the AMPA-GluR2 Subunit and Its Colocalization with Calcium-Binding Proteins in Rat Cerebral Cortex: An Immunohistochemical Study Using a GluR2-Specific Monoclonal Antibody. <i>Experimental Neurology</i> , 1996, 142, 296-312.	4.1	114
97	Dendritic Morphology of Pyramidal Neurons in the Chimpanzee Neocortex: Regional Specializations and Comparison to Humans. <i>Cerebral Cortex</i> , 2013, 23, 2429-2436.	2.9	114
98	Distinctive Neurons of the Anterior Cingulate and Frontoinsular Cortex: A Historical Perspective. <i>Cerebral Cortex</i> , 2012, 22, 245-250.	2.9	112
99	Synaptogenesis and development of pyramidal neuron dendritic morphology in the chimpanzee neocortex resembles humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10395-10401.	7.1	112
100	Von Economo neurons: Clinical and evolutionary perspectives. <i>Cortex</i> , 2013, 49, 312-326.	2.4	109
101	Neurochemical and Cellular Specializations in the Mammalian Neocortex Reflect Phylogenetic Relationships: Evidence from Primates, Cetaceans, and Artiodactyls. <i>Brain, Behavior and Evolution</i> , 2000, 55, 300-310.	1.7	107
102	Differential vulnerability of oculomotor, facial, and hypoglossal nuclei in G86R superoxide dismutase transgenic mice. <i>Journal of Comparative Neurology</i> , 2000, 416, 112-125.	1.6	105
103	Cortical complexity in cetacean brains. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2005, 287A, 1142-1152.	2.0	105
104	Neurofilament protein is differentially distributed in subpopulations of corticocortical projection neurons in the macaque monkey visual pathways. <i>Journal of Comparative Neurology</i> , 1996, 376, 112-127.	1.6	104
105	Calretinin-immunoreactive neurons in the primary visual cortex of dolphin and human brains. <i>Brain Research</i> , 1992, 595, 181-188.	2.2	103
106	The insular cortex: a comparative perspective. <i>Brain Structure and Function</i> , 2010, 214, 477-493.	2.3	103
107	NMDA Receptor Activation Underlies the Loss of Spinal Dorsal Horn Neurons and the Transition to Persistent Pain after Peripheral Nerve Injury. <i>Cell Reports</i> , 2018, 23, 2678-2689.	6.4	103
108	Stereologic characterization and spatial distribution patterns of Betz cells in the human primary motor cortex. <i>The Anatomical Record</i> , 2003, 270A, 137-151.	1.8	100

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109	Determinants of neuronal vulnerability in neurodegenerative diseases. <i>Annals of Neurology</i> , 1998, 44, S32-44.	5.3	99
110	Selective Neuronal Vulnerability in Alzheimer's Disease: A Network-Based Analysis. <i>Neuron</i> , 2020, 107, 821-835.e12.	8.1	99
111	Automated reconstruction of three-dimensional neuronal morphology from laser scanning microscopy images. <i>Methods</i> , 2003, 30, 94-105.	3.8	98
112	Neurochemical, morphologic, and laminar characterization of cortical projection neurons in the cingulate motor areas of the macaque monkey. , 1996, 374, 136-160.		97
113	Spatiotemporal expansion of primary progenitor zones in the developing human cerebellum. <i>Science</i> , 2019, 366, 454-460.	12.6	97
114	A subpopulation of primate corticocortical neurons is distinguished by somatodendritic distribution of neurofilament protein. <i>Brain Research</i> , 1991, 539, 133-136.	2.2	96
115	Life and Death of Neurons in The Aging Cerebral Cortex. <i>International Review of Neurobiology</i> , 2007, 81, 41-57.	2.0	96
116	Ageing of the cerebral cortex differs between humans and chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13029-13034.	7.1	96
117	Comparative analysis of calcium-binding protein-immunoreactive neuronal populations in the auditory and visual systems of the bottlenose dolphin ( <i>Tursiops truncatus</i> ) and the macaque monkey ( <i>Macaca fascicularis</i> ). <i>Journal of Chemical Neuroanatomy</i> , 1998, 15, 203-237.	2.1	95
118	Understanding Emotions: Origins and Roles of the Amygdala. <i>Biomolecules</i> , 2021, 11, 823.	4.0	95
119	Cytology of human caudomedial cingulate, retrosplenial, and caudal parahippocampal cortices. <i>Journal of Comparative Neurology</i> , 2001, 438, 353-376.	1.6	94
120	Morphological substrates of cognitive decline in nonagenarians and centenarians: A new paradigm?. <i>Journal of the Neurological Sciences</i> , 2007, 257, 72-79.	0.6	94
121	Assessing the cognitive impact of Alzheimer disease pathology and vascular burden in the aging brain: the Geneva experience. <i>Acta Neuropathologica</i> , 2007, 113, 1-12.	7.7	94
122	Dendritic vulnerability in neurodegenerative disease: insights from analyses of cortical pyramidal neurons in transgenic mouse models. <i>Brain Structure and Function</i> , 2010, 214, 181-199.	2.3	94
123	Influence of Highly Distinctive Structural Properties on the Excitability of Pyramidal Neurons in Monkey Visual and Prefrontal Cortices. <i>Journal of Neuroscience</i> , 2012, 32, 13644-13660.	3.6	93
124	Aged chimpanzees exhibit pathologic hallmarks of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 59, 107-120.	3.1	93
125	Pathological Substrates of Cognitive Decline in Alzheimer's Disease. <i>Frontiers of Neurology and Neuroscience</i> , 2009, 24, 20-29.	2.8	92
126	Relative Glucose Metabolic Rate Higher in White Matter in Patients With Schizophrenia. <i>American Journal of Psychiatry</i> , 2007, 164, 1072-1081.	7.2	89



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127	Human brain evolution writ large and small. <i>Progress in Brain Research</i> , 2012, 195, 237-254.	1.4	89
128	Adolescent exposure to $\delta^9$ -tetrahydrocannabinol alters the transcriptional trajectory and dendritic architecture of prefrontal pyramidal neurons. <i>Molecular Psychiatry</i> , 2019, 24, 588-600.	7.9	89
129	Neuropil distribution in the cerebral cortex differs between humans and chimpanzees. <i>Journal of Comparative Neurology</i> , 2012, 520, 2917-2929.	1.6	88
130	Vascular and Inflammatory Factors in the Pathophysiology of Blast-Induced Brain Injury. <i>Frontiers in Neurology</i> , 2015, 6, 48.	2.4	87
131	Morphological alterations in neurons forming corticocortical projections in the neocortex of aged Patas monkeys. <i>Neuroscience Letters</i> , 2002, 317, 37-41.	2.1	85
132	Regional Distribution of Neurofilament and Calcium-binding Proteins in the Cingulate Cortex of the Macaque Monkey. <i>Cerebral Cortex</i> , 1992, 2, 456-467.	2.9	84
133	Changes in dendritic complexity and spine morphology in transgenic mice expressing human wild-type tau. <i>Brain Structure and Function</i> , 2010, 214, 161-179.	2.3	84
134	Aerobic glycolysis in the primate brain: reconsidering the implications for growth and maintenance. <i>Brain Structure and Function</i> , 2014, 219, 1149-1167.	2.3	84
135	Autonomic and brain responses associated with empathy deficits in autism spectrum disorder. <i>Human Brain Mapping</i> , 2015, 36, 3323-3338.	3.6	84
136	Neurofibrillary tangle distribution in the cerebral cortex of parkinsonism-dementia cases from Guam: differences with Alzheimer's disease. <i>Brain Research</i> , 1991, 564, 306-313.	2.2	83
137	Age-related changes in GluR2 and NMDAR1 glutamate receptor subunit protein immunoreactivity in corticocortically projecting neurons in macaque and patas monkeys. <i>Brain Research</i> , 2002, 928, 175-186.	2.2	82
138	The Electrotonic Structure of Pyramidal Neurons Contributing to Prefrontal Cortical Circuits in Macaque Monkeys Is Significantly Altered in Aging. <i>Cerebral Cortex</i> , 2009, 19, 2248-2268.	2.9	82
139	Cognitive impact of neuronal pathology in the entorhinal cortex and CA1 field in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2006, 27, 270-277.	3.1	80
140	Exceptional Evolutionary Divergence of Human Muscle and Brain Metabolomes Parallels Human Cognitive and Physical Uniqueness. <i>PLoS Biology</i> , 2014, 12, e1001871.	5.6	80
141	The relationship between the claustrum and endopiriform nucleus: A perspective towards consensus on cross-species homology. <i>Journal of Comparative Neurology</i> , 2019, 527, 476-499.	1.6	77
142	Stereologic Analysis of Microvascular Morphology in the Elderly. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 235-244.	1.7	76
143	Neurofilament and calcium-binding proteins in the human cingulate cortex. <i>Journal of Comparative Neurology</i> , 1997, 384, 597-620.	1.6	75
144	Three-dimensional neuron tracing by voxel scooping. <i>Journal of Neuroscience Methods</i> , 2009, 184, 169-175.	2.5	75

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145	Age-Related Vascular Pathology in Transgenic Mice Expressing Presenilin 1-Associated Familial Alzheimer's Disease Mutations. <i>American Journal of Pathology</i> , 2010, 176, 353-368.	3.8	75
146	Low-level blast exposure disrupts gliovascular and neurovascular connections and induces a chronic vascular pathology in rat brain. <i>Acta Neuropathologica Communications</i> , 2019, 7, 6.	5.2	75
147	An unusual population of pyramidal neurons in the anterior cingulate cortex of hominids contains the calcium-binding protein calretinin. <i>Neuroscience Letters</i> , 2001, 307, 139-142.	2.1	74
148	Alzheimer's disease pathology in the neocortex and hippocampus of the western lowland gorilla ( <i>Gorilla gorilla gorilla</i> ). <i>Journal of Comparative Neurology</i> , 2013, 521, 4318-4338.	1.6	74
149	The interactions of p53 with tau and A $\beta$ as potential therapeutic targets for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2018, 168, 104-127.	5.7	74
150	Numbers of Meynert and layer IVB cells in area V1: A stereologic analysis in young and aged macaque monkeys. , 2000, 420, 113-126.		73
151	Scaling laws in the mammalian neocortex: does form provide clues to function?. <i>Journal of Neurocytology</i> , 2002, 31, 289-298.	1.5	73
152	Stereologic estimates of total spinophilin-immunoreactive spine number in area 9 and the CA1 field: Relationship with the progression of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2008, 29, 1296-1307.	3.1	73
153	Functional deficits of the attentional networks in autism. <i>Brain and Behavior</i> , 2012, 2, 647-660.	2.2	73
154	Disruption of an Evolutionarily Novel Synaptic Expression Pattern in Autism. <i>PLoS Biology</i> , 2016, 14, e1002558.	5.6	73
155	Abnormal autonomic and associated brain activities during rest in autism spectrum disorder. <i>Brain</i> , 2014, 137, 153-171.	7.6	70
156	Differences in Cortical Serotonergic Innervation among Humans, Chimpanzees, and Macaque Monkeys: A Comparative Study. <i>Cerebral Cortex</i> , 2008, 18, 584-597.	2.9	69
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