Bob Jacobs

List of Publications by Year in descending order

53 papers	3,327 citations	201674 27 h-index	168389 53 g-index
55 all docs	55 docs citations	55 times ranked	3212 citing authors

#	Article	IF	Citations
1	Regional Dendritic and Spine Variation in Human Cerebral Cortex: a Quantitative Golgi Study. Cerebral Cortex, 2001, 11, 558-571.	2.9	375
2	Life-span dendritic and spine changes in areas 10 and 18 of human cortex: A quantitative golgi study. Journal of Comparative Neurology, 1997, 386, 661-680.	1.6	335
3	A quantitative dendritic analysis of wernicke's area in humans. II. Gender, hemispheric, and environmental factors. Journal of Comparative Neurology, 1993, 327, 97-111.	1.6	301
4	A quantitative dendritic analysis of wernicke's area in humans. I. Lifespan changes. Journal of Comparative Neurology, 1993, 327, 83-96.	1.6	288
5	A human neurodevelopmental model for Williams syndrome. Nature, 2016, 536, 338-343.	27.8	166
6	Language Acquisition and the Neurosciences: Towards a More Integrative Perspective. Applied Linguistics, 1992, 13, 282-301.	2.4	149
7	Life-span dendritic and spine changes in areas 10 and 18 of human cortex: a quantitative Golgi study. Journal of Comparative Neurology, 1997, 386, 661-80.	1.6	149
8	Neurobiological Differentiation of Primary and Secondary Language Acquisition. Studies in Second Language Acquisition, 1988, 10, 303-337.	2.6	145
9	Dendritic Morphology of Pyramidal Neurons in the Chimpanzee Neocortex: Regional Specializations and Comparison to Humans. Cerebral Cortex, 2013, 23, 2429-2436.	2.9	114
10	Synaptogenesis and development of pyramidal neuron dendritic morphology in the chimpanzee neocortex resembles humans. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10395-10401.	7.1	112
11	Quantitative Dendritic and Spine Analyses of Speech Cortices: A Case Study. Brain and Language, 1993, 44, 239-253.	1.6	98
12	Regional Dendritic Variation in Neonatal Human Cortex: A Quantitative Golgi Study. Developmental Neuroscience, 2005, 27, 277-287.	2.0	76
13	Neuropathology of Rett Syndrome: Case Report With Neuronal and Mitochondrial Abnormalities in the Brain. Journal of Child Neurology, 1994, 9, 424-431.	1.4	74
14	Developmental Changes in Brain Metabolism in Sedated Rhesus Macaques and Vervet Monkeys Revealed by Positron Emission Tomography. Cerebral Cortex, 1995, 5, 222-233.	2.9	64
15	Biochemical specificity of von economo neurons in hominoids. American Journal of Human Biology, 2011, 23, 22-28.	1.6	60
16	A neurochemical hypothesis for the origin of hominids. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1108-E1116.	7.1	57
17	Regional Dendritic Variation in Primate Cortical Pyramidal Cells. Conceptual Advances in Brain Research, 2002, , 111-131.	0.2	56
18	The Morphology of Supragranular Pyramidal Neurons in the Human Insular Cortex: A Quantitative Golgi Study. Cerebral Cortex, 2009, 19, 2131-2144.	2.9	54

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19	Neuronal morphology in the African elephant (Loxodonta africana) neocortex. Brain Structure and Function, 2011, 215, 273-298.	2.3	54
20	Protracted dendritic growth in the typically developing human amygdala and increased spine density in young ASD brains. Journal of Comparative Neurology, 2018, 526, 262-274.	1.6	53
21	Dis-integrating Perspectives of Language Acquisition. Studies in Second Language Acquisition, 1995, 17, 65-71.	2.6	49
22	Comparative neuronal morphology of the cerebellar cortex in afrotherians, carnivores, cetartiodactyls, and primates. Frontiers in Neuroanatomy, 2014, 8, 24.	1.7	42
23	The corpus callosum in primates: processing speed of axons and the evolution of hemispheric asymmetry. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151535.	2.6	42
24	The Cerebral Cortex of the Pygmy Hippopotamus, Hexaprotodon liberiensis (Cetartiodactyla,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 670-700.	1.4	40
25	Invariant Synapse Density and Neuronal Connectivity Scaling in Primate Neocortical Evolution. Cerebral Cortex, 2020, 30, 5604-5615.	2.9	36
26	Metabolic recovery in caudate nucleus of children following cerebral hemispherectomy. Annals of Neurology, 1994, 36, 794-797.	5.3	34
27	Comparative morphology of gigantopyramidal neurons in primary motor cortex across mammals. Journal of Comparative Neurology, 2018, 526, 496-536.	1.6	33
28	Humanâ€specific increase of dopaminergic innervation in a striatal region associated with speech and language: A comparative analysis of the primate basal ganglia. Journal of Comparative Neurology, 2016, 524, 2117-2129.	1.6	32
29	The neocortex of cetartiodactyls: I. A comparative Golgi analysis of neuronal morphology in the bottlenose dolphin (Tursiops truncatus), the minke whale (Balaenoptera acutorostrata), and the humpback whale (Megaptera novaeangliae). Brain Structure and Function, 2015, 220, 3339-3368.	2.3	31
30	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
31	Basal Dendritic Morphology of Cortical Pyramidal Neurons in Williams Syndrome: Prefrontal Cortex and Beyond. Frontiers in Neuroscience, 2017, 11, 419.	2.8	20
32	Qualitative and Quantitative Aspects of the Microanatomy of the African Elephant Cerebellar Cortex. Brain, Behavior and Evolution, 2013, 81, 40-55.	1.7	19
33	Quantitative analysis of cortical pyramidal neurons after corpus callosotomy. Annals of Neurology, 2003, 54, 126-130.	5.3	16
34	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
35	Interhemispheric gene expression differences in the cerebral cortex of humans and macaque monkeys. Brain Structure and Function, 2017, 222, 3241-3254.	2.3	16
36	Cholinergic innervation of the basal ganglia in humans and other anthropoid primates. Journal of Comparative Neurology, 2017, 525, 319-332.	1.6	15

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37	Putative neural consequences of captivity for elephants and cetaceans. Reviews in the Neurosciences, 2022, 33, 439-465.	2.9	10
38	Midazolam as an effective intravenous adjuvant to prolonged ketamine sedation in young rhesus (Macaca mulatta) and Vervet (Cercopithecus aethiops sabaeus) monkeys: A preliminary report. American Journal of Primatology, 1993, 29, 291-298.	1.7	9
39	Neurolucida Lucivid versus Neurolucida camera: A quantitative and qualitative comparison of three-dimensional neuronal reconstructions. Journal of Neuroscience Methods, 2010, 186, 209-214.	2.5	9
40	Neocortical neuronal morphology in the newborn giraffe (Giraffa camelopardalis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (tippe Neurology, 2016, 524, 257-287.	1.6	9
41	Neocortical neuronal morphology in the Siberian Tiger (Panthera tigris altaica) and the clouded leopard (Neofelis nebulosa). Journal of Comparative Neurology, 2016, 524, 3641-3665.	1.6	6
42	Golgi Analysis of Neuron Morphology in the Presumptive Somatosensory Cortex and Visual Cortex of the Florida Manatee (Trichechus manatus latirostris). Brain, Behavior and Evolution, 2016, 87, 105-116.	1.7	6
43	Comparative neocortical neuromorphology in felids: African lion, African leopard, and cheetah. Journal of Comparative Neurology, 2020, 528, 1392-1422.	1.6	6
44	Putative dendritic correlates of chronic traumatic encephalopathy: A preliminary quantitative Golgi exploration. Journal of Comparative Neurology, 2021, 529, 1308-1326.	1.6	6
45	The Monitor Model and Neurofunctional Theory: An Integrated View. Studies in Second Language Acquisition, 1983, 6, 1-16.	2.6	3
46	Language as a multimodal sensory enhancement system. Behavioral and Brain Sciences, 1995, 18, 194-195.	0.7	3
47	Lifeâ€span dendritic and spine changes in areas 10 and 18 of human cortex: A quantitative golgi study. Journal of Comparative Neurology, 1997, 386, 661-680.	1.6	3
48	Neurobiology and language acquisition: Continuity and identity. Behavioral and Brain Sciences, 1991, 14, 565-565.	0.7	2
49	Pluripotentiality, epigenesis, and language acquisition. Behavioral and Brain Sciences, 1996, 19, 639-639.	0.7	1
50	Arnold Bernard Scheibel, M.D. (1923â€“2017). Journal of Comparative Neurology, 2017, 525, 2459-2464.	1.6	1
51	Anterior cervical spine fusion. Surgery Annual, 1976, 8, 413-46.	0.1	1
52	Attachment: How early, how far?. Behavioral and Brain Sciences, 1992, 15, 517-517.	0.7	0
53	Sizing up social groups. Behavioral and Brain Sciences, 1993, 16, 710-711.	0.7	0