

Zdravko Petanjek

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,063
citations

516215

16
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

3339
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraordinary neoteny of synaptic spines in the human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13281-13286.	3.3	1,080
2	Lifespan Alterations of Basal Dendritic Trees of Pyramidal Neurons in the Human Prefrontal Cortex: A Layer-Specific Pattern. Cerebral Cortex, 2008, 18, 915-929.	1.6	248
3	Primate-specific origins and migration of cortical GABAergic neurons. Frontiers in Neuroanatomy, 2009, 3, 26.	0.9	89
4	Spatio-temporal extension in site of origin for cortical calretinin neurons in primates. Frontiers in Neuroanatomy, 2014, 8, 50.	0.9	72
5	Early areal differentiation of the human cerebral cortex: Entorhinal area. Hippocampus, 1993, 3, 447-458.	0.9	54
6	Perinatal growth of prefrontal layer III pyramids in down syndrome. Pediatric Neurology, 2002, 27, 36-38.	1.0	50
7	Neocortical calretinin neurons in primates: increase in proportion and microcircuitry structure. Frontiers in Neuroanatomy, 2014, 8, 103.	0.9	50
8	Epigenetic regulation of fetal brain development and neurocognitive outcome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11062-11063.	3.3	43
9	The Zagreb Collection of human brains: a unique, versatile, but underexploited resource for the neuroscience community. Annals of the New York Academy of Sciences, 2011, 1225, E105-30.	1.8	42
10	The Protracted Maturation of Associative Layer IIIC Pyramidal Neurons in the Human Prefrontal Cortex During Childhood: A Major Role in Cognitive Development and Selective Alteration in Autism. Frontiers in Psychiatry, 2019, 10, 122.	1.3	37
11	Interneurons targeting similar layers receive synaptic inputs with similar kinetics. Hippocampus, 2006, 16, 408-420.	0.9	35
12	Environmental enrichment alters dentate granule cell morphology in oldest-old rat. Journal of Cellular and Molecular Medicine, 2009, 13, 1845-1856.	1.6	25
13	Somato-dendritic morphology and axon origin site specify von Economo neurons as a subclass of modified pyramidal neurons in the human anterior cingulate cortex. Journal of Anatomy, 2019, 235, 651-669.	0.9	20
14	Von Economo Neurons – Primate-Specific or Commonplace in the Mammalian Brain?. Frontiers in Neural Circuits, 2021, 15, 714611.	1.4	20
15	A Quantitative Golgi Study of Dendritic Morphology in the Mice Striatal Medium Spiny Neurons. Frontiers in Neuroanatomy, 2017, 11, 37.	0.9	19
16	Biphasic dendritic growth of dorsolateral prefrontal cortex associative neurons and early cognitive development. Croatian Medical Journal, 2018, 59, 189-202.	0.2	19
17	Dendritic overgrowth and alterations in laminar phenotypes of neocortical neurons in the newborn with semilobar holoprosencephaly. Brain and Development, 2003, 25, 32-39.	0.6	18
18	Distinct origin of GABA-ergic neurons in forebrain of man, nonhuman primates and lower mammals. Collegium Antropologicum, 2008, 32 Suppl 1, 9-17.	0.1	18

#	ARTICLE	IF	CITATIONS
19	Weekly quizzes in extended-matching format as a means of monitoring students' progress in gross anatomy. <i>Annals of Anatomy</i> , 2001, 183, 575-579.	1.0	17
20	The anatomy lesson of the SARS-CoV-2 pandemic: irreplaceable tradition (cadaver work) and new didactics of digital technology. <i>Croatian Medical Journal</i> , 2021, 62, 173-186.	0.2	17
21	Compensatory dendritic growth of CA1 pyramidal cells following growth impairment in the neonatal period. <i>European Journal of Neuroscience</i> , 2003, 18, 1332-1336.	1.2	12
22	Quantitative analysis of basal dendritic tree of layer III pyramidal neurons in different areas of adult human frontal cortex. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 161-9.	0.1	12
23	Histological and MRI Study of the Development of the Human Indusium Griseum. <i>Cerebral Cortex</i> , 2019, 29, 4709-4724.	1.6	11
24	The Anatomy of Orofacial Innervation. <i>Acta Clinica Croatica</i> , 2019, 58, 35-42.	0.1	11
25	Axon morphology of rapid Golgi-stained pyramidal neurons in the prefrontal cortex in schizophrenia. <i>Croatian Medical Journal</i> , 2020, 61, 354-365.	0.2	8
26	Effect of environmental enrichment on morphology of deep layer III and layer V pyramidal cells of occipital cortex in oldest-old rat - A quantitative golgi cox study. <i>Collegium Antropologicum</i> , 2011, 35 Suppl 1, 253-8.	0.1	8
27	Obstructive sleep apnea and multiple facets of a neuroinflammatory response: a narrative review. <i>Journal of Thoracic Disease</i> , 2022, 14, 564-574.	0.6	6
28	The Signature of Moderate Perinatal Hypoxia on Cortical Organization and Behavior: Altered PNN-Parvalbumin Interneuron Connectivity of the Cingulate Circuitries. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 810980.	1.8	5
29	The Distinct Characteristics of Somatostatin Neurons in the Human Brain. <i>Molecular Neurobiology</i> , 2022, 59, 4953-4965.	1.9	5
30	Congenital brain anomalies and chromosomal aberrations from the Zagreb Collection of human brains. <i>Translational Neuroscience</i> , 2014, 5, .	0.7	3