

NataÅja Jovanov-MiloÅjeviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,644
citations

331670

21
h-index

315739

38
g-index

39
all docs

39
docs citations

39
times ranked

4308
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The development of cerebral connections during the first 20–45 weeks' gestation. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006, 11, 415-422.	2.3	449
3	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017, 151, 101-138.	5.7	206
4	Does Alzheimer's disease begin in the brainstem?. <i>Neuropathology and Applied Neurobiology</i> , 2009, 35, 532-554.	3.2	170
5	Perinatal and early postnatal reorganization of the subplate and related cellular compartments in the human cerebral wall as revealed by histological and MRI approaches. <i>Brain Structure and Function</i> , 2014, 219, 231-253.	2.3	147
6	Development of axonal pathways in the human fetal fronto-limbic brain: histochemical characterization and diffusion tensor imaging. <i>Journal of Anatomy</i> , 2010, 217, 400-417.	1.5	144
7	Structural, immunocytochemical, and mr imaging properties of periventricular crossroads of growing cortical pathways in preterm infants. <i>American Journal of Neuroradiology</i> , 2005, 26, 2671-84.	2.4	144
8	Developmental Expression Patterns of KCC2 and Functionally Associated Molecules in the Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 4574-4589.	2.9	103
9	Spatio-temporal extension in site of origin for cortical calretinin neurons in primates. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 50.	1.7	72
10	Populations of subplate and interstitial neurons in fetal and adult human telencephalon. <i>Journal of Anatomy</i> , 2010, 217, 381-399.	1.5	61
11	Prominent periventricular fiber system related to ganglionic eminence and striatum in the human fetal cerebrum. <i>Brain Structure and Function</i> , 2011, 215, 237-253.	2.3	52
12	Developmental Dynamics of Radial Vulnerability in the Cerebral Compartments in Preterm Infants and Neonates. <i>Frontiers in Neurology</i> , 2014, 5, 139.	2.4	46
13	Abnormal motoneuron migration, differentiation, and axon outgrowth in spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008, 115, 313-326.	7.7	44
14	The Zagreb Collection of human brains: a unique, versatile, but underexploited resource for the neuroscience community. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, E105-30.	3.8	42
15	Nop2 is expressed during proliferation of neural stem cells and in adult mouse and human brain. <i>Brain Research</i> , 2015, 1597, 65-76.	2.2	38
16	Neuroplastin deletion in glutamatergic neurons impairs selective brain functions and calcium regulation: implication for cognitive deterioration. <i>Scientific Reports</i> , 2017, 7, 7273.	3.3	38
17	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. <i>Frontiers in Psychiatry</i> , 2019, 10, 122.	2.6	37
18	Growth of the human corpus callosum: modular and laminar morphogenetic zones. <i>Frontiers in Neuroanatomy</i> , 2009, 3, 6.	1.7	35

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19	Morphology, molecular phenotypes and distribution of neurons in developing human corpus callosum. <i>European Journal of Neuroscience</i> , 2010, 32, 1423-1432.	2.6	34
20	Neural ECM in laminar organization and connectivity development in healthy and diseased human brain. <i>Progress in Brain Research</i> , 2014, 214, 159-178.	1.4	30
21	Human fetal tau protein isoform: Possibilities for Alzheimer's disease treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1290-1294.	2.8	29
22	Constitutive activation of canonical Wnt signaling disrupts choroid plexus epithelial fate. <i>Nature Communications</i> , 2022, 13, 633.	12.8	28
23	TMX2 Is a Crucial Regulator of Cellular Redox State, and Its Dysfunction Causes Severe Brain Developmental Abnormalities. <i>American Journal of Human Genetics</i> , 2019, 105, 1126-1147.	6.2	25
24	Hippocampal expression of cell adhesion glycoprotein neuropilin-1 is altered in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1602-1607.	3.6	23
25	Transient cellular structures in developing corpus callosum of the human brain. <i>Collegium Antropologicum</i> , 2006, 30, 375-81.	0.2	21
26	Somato-dendritic morphology and axon origin site specify von Economo neurons as a subclass of modified pyramidal neurons in the human anterior cingulate cortex. <i>Journal of Anatomy</i> , 2019, 235, 651-669.	1.5	20
27	Callosal septa express guidance cues and are paramedian guideposts for human corpus callosum development. <i>Journal of Anatomy</i> , 2019, 235, 670-686.	1.5	12
28	Developmental dynamics of the periventricular parietal crossroads of growing cortical pathways in the fetal brain – In vivo fetal MRI with histological correlation. <i>NeuroImage</i> , 2020, 210, 116553.	4.2	12
29	Subplate zone of the human brain: historical perspective and new concepts. <i>Collegium Antropologicum</i> , 2008, 32 Suppl 1, 3-8.	0.2	12
30	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.	0.2	12
31	Histological and MRI Study of the Development of the Human Indusium Griseum. <i>Cerebral Cortex</i> , 2019, 29, 4709-4724.	2.9	11
32	Laminar Organization of the Marginal Zone in the Human Fetal Cortex. <i>Neuroembryology and Aging</i> , 2004, 3, 19-26.	0.1	10
33	Neuropilin-1 Expression in the Hippocampus of Mice Lacking Complex Gangliosides. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 161-166.	2.3	9
34	Stathmin is enriched in the developing corticospinal tract. <i>Molecular and Cellular Neurosciences</i> , 2015, 69, 12-21.	2.2	9
35	3T MRI signal intensity profiles and thicknesses of transient zones in human fetal brain at mid-gestation. <i>European Journal of Paediatric Neurology</i> , 2021, 35, 67-73.	1.6	6
36	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.	3.7	5

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37	Developmental Differences Between the Limbic and Neocortical Telencephalic Wall: An Intrasubject Slice-Matched 3T MRI-Histological Correlative Study in Humans. <i>Cerebral Cortex</i> , 2021, 31, 3536-3550.	2.9	4