

Natasa Jovanov-Milosevic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

1,964
citations

21
h-index

39
g-index

39
ext. papers

2,351
ext. citations

4.9
avg, IF

4.64
L-index

#	Paper	IF	Citations
37	The development of cerebral connections during the first 20-45 weeks of gestation. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006 , 11, 415-22	3.7	371
36	Tau Protein Hyperphosphorylation and Aggregation in Alzheimer's Disease and Other Tauopathies, and Possible Neuroprotective Strategies. <i>Biomolecules</i> , 2016 , 6, 6	5.9	348
35	Does Alzheimer's disease begin in the brainstem?. <i>Neuropathology and Applied Neurobiology</i> , 2009 , 35, 532-54	5.2	139
34	Monoaminergic neuropathology in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017 , 151, 101-138	10.9	137
33	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	4.4	133
32	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, 231-53	4	125
31	Development of axonal pathways in the human fetal fronto-limbic brain: histochemical characterization and diffusion tensor imaging. <i>Journal of Anatomy</i> , 2010 , 217, 400-17	2.9	113
30	Developmental Expression Patterns of KCC2 and Functionally Associated Molecules in the Human Brain. <i>Cerebral Cortex</i> , 2016 , 26, 4574-4589	5.1	59
29	Populations of subplate and interstitial neurons in fetal and adult human telencephalon. <i>Journal of Anatomy</i> , 2010 , 217, 381-99	2.9	54
28	Prominent periventricular fiber system related to ganglionic eminence and striatum in the human fetal cerebrum. <i>Brain Structure and Function</i> , 2011 , 215, 237-53	4	46
27	Spatio-temporal extension in site of origin for cortical calretinin neurons in primates. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 50	3.6	44
26	Developmental dynamics of radial vulnerability in the cerebral compartments in preterm infants and neonates. <i>Frontiers in Neurology</i> , 2014 , 5, 139	4.1	37
25	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 Suppl 1, E105-30	6.5	35
24	Abnormal motoneuron migration, differentiation, and axon outgrowth in spinal muscular atrophy. <i>Acta Neuropathologica</i> , 2008 , 115, 313-26	14.3	32
23	Growth of the human corpus callosum: modular and laminar morphogenetic zones. <i>Frontiers in Neuroanatomy</i> , 2009 , 3, 6	3.6	30
22	Morphology, molecular phenotypes and distribution of neurons in developing human corpus callosum. <i>European Journal of Neuroscience</i> , 2010 , 32, 1423-32	3.5	27
21	Human fetal tau protein isoform: possibilities for Alzheimer's disease treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 1290-4	5.6	26

20	Nop2 is expressed during proliferation of neural stem cells and in adult mouse and human brain. <i>Brain Research</i> , 2015 , 1597, 65-76	3.7	24
19	Neural ECM in laminar organization and connectivity development in healthy and diseased human brain. <i>Progress in Brain Research</i> , 2014 , 214, 159-78	2.9	23
18	Neuroplastin deletion in glutamatergic neurons impairs selective brain functions and calcium regulation: implication for cognitive deterioration. <i>Scientific Reports</i> , 2017 , 7, 7273	4.9	21
17	Transient cellular structures in developing corpus callosum of the human brain. <i>Collegium Antropologicum</i> , 2006 , 30, 375-81	0.1	21
16	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	5	17
15	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	11	14
14	Hippocampal expression of cell-adhesion glycoprotein neuroplastin is altered in Alzheimer's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 1602-1607	5.6	12
13	Subplate zone of the human brain: historical perspective and new concepts. <i>Collegium Antropologicum</i> , 2008 , 32 Suppl 1, 3-8	0.1	12
12	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
11	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	2.9	10
10	Laminar Organization of the Marginal Zone in the Human Fetal Cortex. <i>Neuroembryology and Aging</i> , 2004 , 3, 19-26		9
9	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	7.9	7
8	Neuroplastin expression in the hippocampus of mice lacking complex gangliosides. <i>Journal of Molecular Neuroscience</i> , 2012 , 48, 161-6	3.3	6
7	Histological and MRI Study of the Development of the Human Indusium Griseum. <i>Cerebral Cortex</i> , 2019 , 29, 4709-4724	5.1	5
6	Callosal septa express guidance cues and are paramedian guideposts for human corpus callosum development. <i>Journal of Anatomy</i> , 2019 , 235, 670-686	2.9	4
5	Stathmin is enriched in the developing corticospinal tract. <i>Molecular and Cellular Neurosciences</i> , 2015 , 69, 12-21	4.8	4
4	Constitutive activation of canonical Wnt signaling disrupts choroid plexus epithelial fate.. <i>Nature Communications</i> , 2022 , 13, 633	17.4	4
3	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	5.1	1

- 2 The Signature of Moderate Perinatal Hypoxia on Cortical Organization and Behavior: Altered PNN-Parvalbumin Interneuron Connectivity of the Cingulate Circuitries.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 810980 5.7 1
- 1 3T MRI signal intensity profiles and thicknesses of transient zones in human fetal brain at mid-gestation. *European Journal of Paediatric Neurology*, **2021**, 35, 67-73 3.8 0