

Zeljka Krsnik

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,504
citations

516710

16
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

7700
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal transcriptome of the human brain. <i>Nature</i> , 2011, 478, 483-489.	27.8	1,753
2	Functional and Evolutionary Insights into Human Brain Development through Global Transcriptome Analysis. <i>Neuron</i> , 2009, 62, 494-509.	8.1	555
3	SOX5 postmitotically regulates migration, postmigratory differentiation, and projections of subplate and deep-layer neocortical neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16021-16026.	7.1	241
4	nNOS Expression in Reactive Astrocytes Correlates with Increased Cell Death Related DNA Damage in the Hippocampus and Entorhinal Cortex in Alzheimer's Disease. <i>Experimental Neurology</i> , 2000, 165, 12-26.	4.1	102
5	Growth of Thalamocortical Fibers to the Somatosensory Cortex in the Human Fetal Brain. <i>Frontiers in Neuroscience</i> , 2017, 11, 233.	2.8	101
6	Selective Depletion of Molecularly Defined Cortical Interneurons in Human Holoprosencephaly with Severe Striatal Hypoplasia. <i>Cerebral Cortex</i> , 2009, 19, 2196-2207.	2.9	97
7	Secondary expansion of the transient subplate zone in the developing cerebrum of human and nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9892-9897.	7.1	91
8	Developmentally regulated and evolutionarily conserved expression of SLITRK1 in brain circuits implicated in Tourette syndrome. <i>Journal of Comparative Neurology</i> , 2009, 513, 21-37.	1.6	84
9	Ultrastructural Analysis and TUNEL Demonstrate Motor Neuron Apoptosis in Werdnig-Hoffmann Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 398-407.	1.7	64
10	Patient-specific Alzheimer-like pathology in trisomy 21 cerebral organoids reveals BACE2 as a gene dose-sensitive AD suppressor in human brain. <i>Molecular Psychiatry</i> , 2021, 26, 5766-5788.	7.9	63
11	Sublaminar organization of the human subplate: developmental changes in the distribution of neurons, glia, growing axons and extracellular matrix. <i>Journal of Anatomy</i> , 2019, 235, 481-506.	1.5	45
12	Translational derepression of Elavl4 isoforms at their alternative 5' UTRs determines neuronal development. <i>Nature Communications</i> , 2020, 11, 1674.	12.8	40
13	Autism Spectrum Disorders: Multiple Routes to, and Multiple Consequences of, Abnormal Synaptic Function and Connectivity. <i>Neuroscientist</i> , 2021, 27, 10-29.	3.5	37
14	Interactive histogenesis of axonal strata and proliferative zones in the human fetal cerebral wall. <i>Brain Structure and Function</i> , 2018, 223, 3919-3943.	2.3	36
15	Fundamentals of the Development of Connectivity in the Human Fetal Brain in Late Gestation: From 24 Weeks Gestational Age to Term. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 393-414.	1.7	30
16	Entorhinal cortex lesion does not alter reelin messenger RNA expression in the dentate gyrus of young and adult rats. <i>Neuroscience</i> , 2000, 97, 25-31.	2.3	29
17	Molecules, Mechanisms, and Disorders of Self-Domestication: Keys for Understanding Emotional and Social Communication from an Evolutionary Perspective. <i>Biomolecules</i> , 2021, 11, 2.	4.0	17
18	Expression patterns of Wnt signaling component, secreted frizzled-related protein 3 in astrocytoma and glioblastoma. <i>Molecular Medicine Reports</i> , 2016, 13, 4245-4251.	2.4	15

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19	Different behaviour of <scp>DVL</scp>1, <scp>DVL</scp>2, <scp>DVL</scp>3 in astrocytoma malignancy grades and their association to <scp>TCF</scp>1 and <scp>LEF</scp>1 upregulation. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 641-655.	3.6	13
20	Complex intrachromosomal rearrangement in 1q leading to 1q32.2 microdeletion: a potential role of SRGAP2 in the gyrification of cerebral cortex. <i>Molecular Cytogenetics</i> , 2016, 9, 19.	0.9	11
21	Prominent role of exopeptidase DPP III in estrogen-mediated protection against hyperoxia in vivo. <i>Redox Biology</i> , 2016, 8, 149-159.	9.0	11
22	Laminar Organization of the Marginal Zone in the Human Fetal Cortex. <i>Neuroembryology and Aging</i> , 2004, 3, 19-26.	0.1	10
23	The effect of 17 β -estradiol on the expression of dipeptidyl peptidase III and heme oxygenase 1 in liver of CBA/H mice. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 471-479.	3.3	10
24	The Zagreb Collection of human brains: entering the virtual world. <i>Croatian Medical Journal</i> , 2018, 59, 283-287.	0.7	10
25	Association of new deletion/duplication region at chromosome 1p21 with intellectual disability, severe speech deficit and autism spectrum disorder-like behavior: an all-in approach to solving the DPYD enigma. <i>Translational Neuroscience</i> , 2015, 6, 59-86.	1.4	9
26	Adult Upper Cortical Layer Specific Transcription Factor CUX2 Is Expressed in Transient Subplate and Marginal Zone Neurons of the Developing Human Brain. <i>Cells</i> , 2021, 10, 415.	4.1	7
27	Prenatal development of the human entorhinal cortex. <i>Journal of Comparative Neurology</i> , 2022, 530, 2711-2748.	1.6	7
28	Effects of acute and chronic administration of neurosteroid dehydroepiandrosterone sulfate on neuronal excitability in mice. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1201.	4.3	4
29	Transient compartmentalization and accelerated volume growth coincide with the expected development of cortical afferents in the human neostriatum. <i>Cerebral Cortex</i> , 2022, 33, 434-457.	2.9	3
30	7p21.3 Together With a 12p13.32 Deletion in a Patient With Microcephalyâ€”Does 12p13.32 Locus Possibly Comprises a Candidate Gene Region for Microcephaly?. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 613091.	2.9	2
31	Transcriptional and posttranscriptional mechanisms of neuronal migration. , 2020, , 479-513.		1
32	Transient Subplate Sublayer Forms Unique Corridor for Differential Ingrowth of Associative Pulvinar and Primary Visual Projection in the Prospective Visual Cortical Areas of the Human Fetal Occipital Lobe. <i>Cerebral Cortex</i> , 2021, 32, 110-122.	2.9	1
33	Gene Expression in the Frontal Lobe. , 2017, , 41-69.		0
34	Neuroscience of developing axonal strata in the human fetal brain. , 2021, , 299-307.		0