

Milos Judas

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,342
citations

218677

26
h-index

223800

46
g-index

48
all docs

48
docs citations

48
times ranked

4973
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraordinary neoteny of synaptic spines in the human prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13281-13286.	7.1	1,080
2	Laminar Organization of the Human Fetal Cerebrum Revealed by Histochemical Markers and Magnetic Resonance Imaging. <i>Cerebral Cortex</i> , 2002, 12, 536-544.	2.9	370
3	The development of the subplate and thalamocortical connections in the human foetal brain. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 1119-1127.	1.5	366
4	Lifespan Alterations of Basal Dendritic Trees of Pyramidal Neurons in the Human Prefrontal Cortex: A Layer-Specific Pattern. <i>Cerebral Cortex</i> , 2008, 18, 915-929.	2.9	248
5	Correlation between the sequential ingrowth of afferents and transient patterns of cortical lamination in preterm infants. <i>The Anatomical Record</i> , 2002, 267, 1-6.	1.8	190
6	Chapter 9 Neuronal development in human prefrontal cortex in prenatal and postnatal stages. <i>Progress in Brain Research</i> , 1991, 85, 185-222.	1.4	188
7	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
8	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
9	In vitro MRI of brain development. <i>European Journal of Radiology</i> , 2006, 57, 187-198.	2.6	132
10	Prolonged coexistence of transient and permanent circuitry elements in the developing cerebral cortex of fetuses and preterm infants. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 388-393.	2.1	128
11	Species-Dependent Posttranscriptional Regulation of NOS1 by FMRP in the Developing Cerebral Cortex. <i>Cell</i> , 2012, 149, 899-911.	28.9	115
12	Ontogenesis of goal-directed behavior: anatomo-functional considerations. <i>International Journal of Psychophysiology</i> , 1995, 19, 85-102.	1.0	113
13	Transient patterns of cortical lamination during prenatal life: Do they have implications for treatment?. <i>Neuroscience and Biobehavioral Reviews</i> , 2007, 31, 1157-1168.	6.1	103
14	Developmental Expression Patterns of KCC2 and Functionally Associated Molecules in the Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 4574-4589.	2.9	103
15	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
16	Developmental history of the subplate zone, subplate neurons and interstitial white matter neurons: relevance for schizophrenia. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 193-205.	1.6	92
17	Structural basis of the developmental plasticity in the human cerebral cortex: The role of the transient subplate zone. <i>Metabolic Brain Disease</i> , 1989, 4, 17-23.	2.9	83
18	Nitrinergic neurons in the developing and adult human telencephalon: Transient and permanent patterns of expression in comparison to other mammals. <i>Microscopy Research and Technique</i> , 1999, 45, 401-419.	2.2	64

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19	Populations of subplate and interstitial neurons in fetal and adult human telencephalon. <i>Journal of Anatomy</i> , 2010, 217, 381-399.	1.5	61
20	The significance of the subplate for evolution and developmental plasticity of the human brain. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 423.	2.0	56
21	Early areal differentiation of the human cerebral cortex: Entorhinal area. <i>Hippocampus</i> , 1993, 3, 447-458.	1.9	54
22	Early history of subplate and interstitial neurons: from Theodor Meynert (1867) to the discovery of the subplate zone (1974). <i>Journal of Anatomy</i> , 2010, 217, 344-367.	1.5	52
23	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
24	The Relevance of Human Fetal Subplate Zone for Developmental Neuropathology of Neuronal Migration Disorders and Cortical Dysplasia. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 74-82.	3.9	42
25	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
26	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
27	Adult structure and development of the human fronto-öpercular cerebral cortex (Broca's region). <i>Clinical Linguistics and Phonetics</i> , 2007, 21, 975-989.	0.9	25
28	White Matter Interstitial Neurons in the Adult Human Brain: 3% of Cortical Neurons in Quest for Recognition. <i>Cells</i> , 2021, 10, 190.	4.1	21
29	The total number of white matter interstitial neurons in the human brain. <i>Journal of Anatomy</i> , 2019, 235, 626-636.	1.5	20
30	Von Economo Neurons – Primate-Specific or Commonplace in the Mammalian Brain?. <i>Frontiers in Neural Circuits</i> , 2021, 15, 714611.	2.8	20
31	Dendritic overgrowth and alterations in laminar phenotypes of neocortical neurons in the newborn with semilobar holoprosencephaly. <i>Brain and Development</i> , 2003, 25, 32-39.	1.1	18
32	The Role of the Subplate Zone in the Structural Plasticity of the Developing Human Cerebral Cortex. <i>Neuroembryology and Aging</i> , 2002, 1, 145-153.	0.1	17
33	Brodmann's map of the human cerebral cortex – or Brodmann's maps?. <i>Translational Neuroscience</i> , 2012, 3, 67-74.	1.4	13
34	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
35	Oskar Vogt: The first myeloarchitectonic map of the human frontal cortex. <i>Translational Neuroscience</i> , 2010, 1, 72-94.	1.4	10
36	The Zagreb Collection of human brains: entering the virtual world. <i>Croatian Medical Journal</i> , 2018, 59, 283-287.	0.7	10

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37	The discovery of the subpial granular layer in the human cerebral cortex. <i>Translational Neuroscience</i> , 2010, 1, .	1.4	6
38	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
39	PurkynÄ™s contributions to neuroscience and biology: Part I. <i>Translational Neuroscience</i> , 2011, 2, 270-280.	1.4	4
40	fMRI neural activation patterns induced by professional military training. <i>Translational Neuroscience</i> , 2012, 3, 46-50.	1.4	4
41	Developmental Differences Between the Limbic and Neocortical Telencephalic Wall: An Intrasubject Slice-Matched 3Ä™T MRI-Histological Correlative Study in Humans. <i>Cerebral Cortex</i> , 2021, 31, 3536-3550.	2.9	4
42	Developmental Reorganization of the Human Association Cortex during Perinatal and Postnatal Life. , 1992, , 3-17.		4
43	A note on the sea-horse in the human brain. <i>Translational Neuroscience</i> , 2010, 1, .	1.4	3
44	Congenital brain anomalies and chromosomal aberrations from the Zagreb Collection of human brains. <i>Translational Neuroscience</i> , 2014, 5, .	1.4	3
45	Maturation of Cerebral Connections and Fetal Behavior. <i>Donald School Journal of Ultrasound in Obstetrics and Gynecology</i> , 2008, 2, 80-86.	0.3	3
46	The Stereological Analysis and Spatial Distribution of Neurons in the Human Subthalamic Nucleus. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 749390.	1.7	3
47	Prenatal Development of the Human Fetal Telencephalon. <i>Medical Radiology</i> , 2010, , 81-146.	0.1	2
48	F. K. StudniÄ™ka (1894): Fishes and amphibians also have the cerebral cortex. <i>Translational Neuroscience</i> , 2011, 2, .	1.4	0