

Farzad Mortazavi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,469
citations

516710

16
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

2661
citing authors

#	ARTICLE	IF	CITATIONS
1	The Geometric Structure of the Brain Fiber Pathways. <i>Science</i> , 2012, 335, 1628-1634.	12.6	385
2	Bacterial Artificial Chromosome Transgenic Mice Expressing a Truncated Mutant Parkin Exhibit Age-Dependent Hypokinetic Motor Deficits, Dopaminergic Neuron Degeneration, and Accumulation of Proteinase K-Resistant I±-Synuclein. <i>Journal of Neuroscience</i> , 2009, 29, 1962-1976.	3.6	168
3	Traumatic Brain Injury in Adult Rats Causes Progressive Nigrostriatal Dopaminergic Cell Loss and Enhanced Vulnerability to the Pesticide Paraquat. <i>Journal of Neurotrauma</i> , 2011, 28, 1783-1801.	3.4	118
4	Microglia activation and phagocytosis: relationship with aging and cognitive impairment in the rhesus monkey. <i>GeroScience</i> , 2017, 39, 199-220.	4.6	90
5	Spatial learning deficits and emotional impairments in pentylenetetrazole-kindled rats. <i>Epilepsy and Behavior</i> , 2005, 7, 629-638.	1.7	88
6	A GCCase Chaperone Improves Motor Function in a Mouse Model of Synucleinopathy. <i>Neurotherapeutics</i> , 2014, 11, 840-856.	4.4	88
7	Ziram Causes Dopaminergic Cell Damage by Inhibiting E1 Ligase of the Proteasome. <i>Journal of Biological Chemistry</i> , 2008, 283, 34696-34703.	3.4	77
8	Strengths and limitations of genetic mouse models of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2008, 14, S84-S87.	2.2	71
9	A pilot trial of the microtubule-interacting peptide (NAP) in mice overexpressing alpha-synuclein shows improvement in motor function and reduction of alpha-synuclein inclusions. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 597-606.	2.2	68
10	The temporal degradation of bone collagen: A histochemical approach. <i>Forensic Science International</i> , 2014, 240, 104-110.	2.2	43
11	A Mutation in <i>Hnrnp1</i> That Decreases Methamphetamine-Induced Reinforcement, Reward, and Dopamine Release and Increases Synaptosomal hnRNP H and Mitochondrial Proteins. <i>Journal of Neuroscience</i> , 2020, 40, 107-130.	3.6	39
12	Evaluation of Long-Term Cryostorage of Brain Tissue Sections for Quantitative Histochemistry. <i>Journal of Histochemistry and Cytochemistry</i> , 2017, 65, 153-171.	2.5	29
13	Effects of decreased dopamine transporter levels on nigrostriatal neurons and paraquat/maneb toxicity in mice. <i>Neurobiology of Aging</i> , 2017, 51, 54-66.	3.1	29
14	Response to Comment on "The Geometric Structure of the Brain Fiber Pathways". <i>Science</i> , 2012, 337, 1605-1605.	12.6	26
15	White Matter Neurons in Young Adult and Aged Rhesus Monkey. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 15.	1.7	26
16	Geometric Navigation of Axons in a Cerebral Pathway: Comparing dMRI with Tract Tracing and Immunohistochemistry. <i>Cerebral Cortex</i> , 2018, 28, 1219-1232.	2.9	20
17	A Survey of White Matter Neurons at the Gyral Crowns and Sulcal Depths in the Rhesus Monkey. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 69.	1.7	17
18	Cell based therapy enhances activation of ventral premotor cortex to improve recovery following primary motor cortex injury. <i>Experimental Neurology</i> , 2018, 305, 13-25.	4.1	13

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19	Spinal cord α -synuclein deposition associated with myoclonus in patients with MSA-C. <i>Neurology</i> , 2019, 93, 302-309.	1.1	11
20	Cell based therapy reduces secondary damage and increases extent of microglial activation following cortical injury. <i>Brain Research</i> , 2019, 1717, 147-159.	2.2	11
21	A meta-analysis of animal studies on disruption of spatial navigation by prenatal cocaine exposure. <i>Neurotoxicology and Teratology</i> , 2007, 29, 570-577.	2.4	9
22	Variations in rest-activity rhythm are associated with clinically measured disease severity in Parkinson's disease. <i>Chronobiology International</i> , 2020, 37, 699-711.	2.0	7
23	Loss of MINAR2 impairs motor function and causes Parkinson's disease-like symptoms in mice. <i>Brain Communications</i> , 2020, 2, fcaa047.	3.3	6
24	Looking through Brains with Fast Passive CLARITY: Zebrafish, Rodents, Non-human Primates and Humans. <i>Bio-protocol</i> , 2019, 9, e3321.	0.4	6
25	KP544, a nerve growth factor amplifier: Pharmacokinetics, safety, and efficacy in the rat. <i>Drug Development Research</i> , 2004, 62, 60-70.	2.9	5
26	Cell Kinetics in the Adult Neurogenic Niche and Impact of Diet-Induced Accelerated Aging. <i>Journal of Neuroscience</i> , 2019, 39, 2810-2822.	3.6	5
27	The impact of chronotype on circadian rest-activity rhythm and sleep characteristics across the week. <i>Chronobiology International</i> , 2021, 38, 1575-1590.	2.0	4
28	Specializations of somatosensory innervation in the skin of humpback whales (<i>Megaptera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.4	3
29	The Hydrodynamic Sensory System in the Skin of Cetaceans. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
30	Abstract 68: Exosomes from Rhesus Monkey MSCs Promote Neuronal Growth and Myelination. <i>Stroke</i> , 2016, 47, .	2.0	2
31	Morphology and unbiased stereology of the lateral superior olive in the short-beaked common dolphin, <i>Delphinus delphis</i> (Cetacea, Delphinidae). <i>Journal of Morphology</i> , 2022, 283, 446-461.	1.2	2
32	Neuroanatomical Techniques for Analysis of Axonal Trajectories in the Cerebral Cortex of the Rhesus Monkey. , 2016, , 349-368.		1
33	Aortic Atherosclerosis with Consideration of the Anisotropic Properties of Lipids in MRI. <i>Biophysical Journal</i> , 2019, 116, 286a.	0.5	0
34	Diffusion interactions between crossing fibers of the brain. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 429-441.	3.0	0
35	Quantitative co-localization of hyaluronic acid and damaged myelin in the aging rhesus monkey brain. <i>FASEB Journal</i> , 2013, 27, 967.3.	0.5	0
36	Evaluation of tissue section cryostorage on immunohistochemistry (1050.1). <i>FASEB Journal</i> , 2014, 28, 1050.1.	0.5	0

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37	Optimization of Propargylcholine to Label Newly Synthesized Myelin in the Rhesus Monkey Brain. FASEB Journal, 2020, 34, 1-1.	0.5	0