

Mohammad Haft-Javaherian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6487575/publications.pdf>

Version: 2024-02-01

11
papers

654
citations

1170033

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1526636

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docs citations

14
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	VEGF signalling causes stalls in brain capillaries and reduces cerebral blood flow in Alzheimer's mice. <i>Brain</i> , 2022, 145, 1449-1463.	3.7	36
2	Increasing cerebral blood flow improves cognition into late stages in Alzheimer's disease mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1441-1452.	2.4	50
3	A topological encoding convolutional neural network for segmentation of 3D multiphoton images of brain vasculature using persistent homology. , 2020, 2020, 4262-4271.		11
4	A pilot study investigating the effects of voluntary exercise on capillary stalling and cerebral blood flow in the APP/PS1 mouse model of Alzheimer's disease. <i>PLoS ONE</i> , 2020, 15, e0235691.	1.1	14
5	High fat diet worsens Alzheimer's disease-related behavioral abnormalities and neuropathology in APP/PS1 mice, but not by synergistically decreasing cerebral blood flow. <i>Scientific Reports</i> , 2020, 10, 9884.	1.6	53
6	Brain Capillary Networks Across Species: A few Simple Organizational Requirements Are Sufficient to Reproduce Both Structure and Function. <i>Frontiers in Physiology</i> , 2019, 10, 233.	1.3	70
7	Deep convolutional neural networks for segmenting 3D in vivo multiphoton images of vasculature in Alzheimer disease mouse models. <i>PLoS ONE</i> , 2019, 14, e0213539.	1.1	60
8	Neutrophil adhesion in brain capillaries reduces cortical blood flow and impairs memory function in Alzheimer's disease mouse models. <i>Nature Neuroscience</i> , 2019, 22, 413-420.	7.1	316
9	Two-Dimensional Virtual Microstructure Generation of Particle-Reinforced Composites. <i>Journal of Computing in Civil Engineering</i> , 2016, 30, .	2.5	13
10	Chemical Characterization and Toxicity of Bridge Deck Runoff and Impacts to Receiving Water Quality. <i>Journal of Environmental Engineering, ASCE</i> , 2014, 140, .	0.7	3
11	Numerical Experimental Approach to Characterize Fracture Properties of Asphalt Mixtures at Low Temperatures. <i>Transportation Research Record</i> , 2014, 2447, 42-50.	1.0	23