

James P Roach

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

159
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetylcholine Mediates Dynamic Switching Between Information Coding Schemes in Neuronal Networks. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 64.	2.5	12
2	Connexin 43 gap junctions contribute to brain endothelial barrier hyperpermeability in familial cerebral cavernous malformations type III by modulating tight junction structure. <i>FASEB Journal</i> , 2018, 32, 2615-2629.	0.5	49
3	Resonance with subthreshold oscillatory drive organizes activity and optimizes learning in neural networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3017-E3025.	7.1	31
4	Memory recall and spike-frequency adaptation. <i>Physical Review E</i> , 2016, 93, 052307.	2.1	18
5	Formation and Dynamics of Waves in a Cortical Model of Cholinergic Modulation. <i>PLoS Computational Biology</i> , 2015, 11, e1004449.	3.2	15
6	A Possible Mechanism for Redox Control of Human Neuroglobin Activity. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1997-2003.	5.4	11
7	Social regulation of electric signal plasticity in male <i>Brachyhyopomus gauderio</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2013, 199, 375-384.	1.6	11
8	The distribution of estrogen receptor $\hat{1}^2$ mRNA in male and female green anole lizards. <i>Brain Research</i> , 2012, 1430, 43-51.	2.2	10