

Laurent Badel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/427631/publications.pdf>

Version: 2024-02-01

8
papers

334
citations

1478280

6
h-index

1719901

7
g-index

8
all docs

8
docs citations

8
times ranked

321
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic <i>I-V</i> Curves Are Reliable Predictors of Naturalistic Pyramidal-Neuron Voltage Traces. <i>Journal of Neurophysiology</i> , 2008, 99, 656-666.	0.9	183
2	Extracting non-linear integrate-and-fire models from experimental data using dynamic <i>I-V</i> curves. <i>Biological Cybernetics</i> , 2008, 99, 361-370.	0.6	65
3	Experimentally Verified Parameter Sets for Modelling Heterogeneous Neocortical Pyramidal-Cell Populations. <i>PLoS Computational Biology</i> , 2015, 11, e1004165.	1.5	39
4	Dependence of the spike-triggered average voltage on membrane response properties. <i>Neurocomputing</i> , 2006, 69, 1062-1065.	3.5	15
5	Spike-triggered averages for passive and resonant neurons receiving filtered excitatory and inhibitory synaptic drive. <i>Physical Review E</i> , 2008, 78, 011914.	0.8	15
6	Firing statistics and correlations in spiking neurons: A level-crossing approach. <i>Physical Review E</i> , 2011, 84, 041919.	0.8	15
7	Pulse propagation in discrete excitatory networks of integrate-and-fire neurons. <i>Physical Review E</i> , 2004, 70, 011906.	0.8	2
8	Firing statistics and correlations in spiking neurons: a level-crossing approach. <i>Nature Precedings</i> , 2011, , .	0.1	0