

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

1478505

6

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

321

citing authors

#	ARTICLE	IF	CITATIONS
1	Experimentally Verified Parameter Sets for Modelling Heterogeneous Neocortical Pyramidal-Cell Populations. PLoS Computational Biology, 2015, 11, e1004165.	3.2	39
2	Firing statistics and correlations in spiking neurons: a level-crossing approach. Nature Precedings, 2011,, .	0.1	0
3	Firing statistics and correlations in spiking neurons: A level-crossing approach. Physical Review E, 2011, 84, 041919.	2.1	15
4	Extracting non-linear integrate-and-fire models from experimental data using dynamic $I-V$ curves. Biological Cybernetics, 2008, 99, 361-370.	1.3	65
5	Dynamic $I-V$ Curves Are Reliable Predictors of Naturalistic Pyramidal-Neuron Voltage Traces. Journal of Neurophysiology, 2008, 99, 656-666.	1.8	183
6	Spike-triggered averages for passive and resonant neurons receiving filtered excitatory and inhibitory synaptic drive. Physical Review E, 2008, 78, 011914.	2.1	15
7	Dependence of the spike-triggered average voltage on membrane response properties. Neurocomputing, 2006, 69, 1062-1065.	5.9	15
8	Pulse propagation in discrete excitatory networks of integrate-and-fire neurons. Physical Review E, 2004, 70, 011906.	2.1	2