

Laurent Badel

List of Publications by Year in descending order

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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	Experimentally Verified Parameter Sets for Modelling Heterogeneous Neocortical Pyramidal-Cell Populations. PLoS Computational Biology, 2015, 11, e1004165.	1.5	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.	0.8	15
4	Extracting non-linear integrate-and-fire models from experimental data using dynamic I-V curves. Biological Cybernetics, 2008, 99, 361-370.	0.6	65
5	Dynamic I-V Curves Are Reliable Predictors of Naturalistic Pyramidal-Neuron Voltage Traces. Journal of Neurophysiology, 2008, 99, 656-666.	0.9	183
6	Spike-triggered averages for passive and resonant neurons receiving filtered excitatory and inhibitory synaptic drive. Physical Review E, 2008, 78, 011914.	0.8	15
7	Dependence of the spike-triggered average voltage on membrane response properties. Neurocomputing, 2006, 69, 1062-1065.	3.5	15
8	Pulse propagation in discrete excitatory networks of integrate-and-fire neurons. Physical Review E, 2004, 70, 011906.	0.8	2