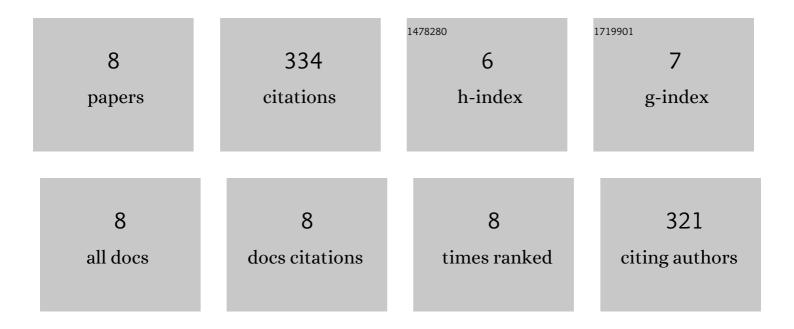
Laurent Badel

List of Publications by Year in descending order

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