

Bernhard Nessler

List of Publications by Year in descending order

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6
papers

658
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	Whereâ€™s the Noise? Key Features of Spontaneous Activity and Neural Variability Arise through Learning in a Deterministic Network. PLoS Computational Biology, 2015, 11, e1004640.	3.2	48
2	Distributed Bayesian Computation and Self-Organized Learning in Sheets of Spiking Neurons with Local Lateral Inhibition. PLoS ONE, 2015, 10, e0134356.	2.5	9
3	STDP Installs in Winner-Take-All Circuits an Online Approximation to Hidden Markov Model Learning. PLoS Computational Biology, 2014, 10, e1003511.	3.2	83
4	Bayesian Computation Emerges in Generic Cortical Microcircuits through Spike-Timing-Dependent Plasticity. PLoS Computational Biology, 2013, 9, e1003037.	3.2	215
5	Neural Dynamics as Sampling: A Model for Stochastic Computation in Recurrent Networks of Spiking Neurons. PLoS Computational Biology, 2011, 7, e1002211.	3.2	272
6	Reward-Modulated Hebbian Learning of Decision Making. Neural Computation, 2010, 22, 1399-1444.	2.2	31