

Yuwei Cui

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

524
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	The HTM Spatial Pooler—A Neocortical Algorithm for Online Sparse Distributed Coding. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 111.	2.1	77
2	Inferring Cortical Variability from Local Field Potentials. <i>Journal of Neuroscience</i> , 2016, 36, 4121-4135.	3.6	46
3	Nonlinear computations shaping temporal processing of precortical vision. <i>Journal of Neurophysiology</i> , 2016, 116, 1344-1357.	1.8	10
4	Continuous Online Sequence Learning with an Unsupervised Neural Network Model. <i>Neural Computation</i> , 2016, 28, 2474-2504.	2.2	156
5	Divisive suppression explains high-precision firing and contrast adaptation in retinal ganglion cells. <i>ELife</i> , 2016, 5, .	6.0	27
6	An accurate circuit-based description of retinal ganglion cell computation. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0
7	Diverse Suppressive Influences in Area MT and Selectivity to Complex Motion Features. <i>Journal of Neuroscience</i> , 2013, 33, 16715-16728.	3.6	40
8	Inferring Nonlinear Neuronal Computation Based on Physiologically Plausible Inputs. <i>PLoS Computational Biology</i> , 2013, 9, e1003143.	3.2	148
9	Impact of noise structure and network topology on tracking speed of neural networks. <i>Neural Networks</i> , 2011, 24, 1110-1119.	5.9	5
10	Simple Models for Synaptic Information Integration. <i>Lecture Notes in Computer Science</i> , 2011, , 210-216.	1.3	1