

Jianing Yu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

957
citations

11
h-index

15
g-index

15
ext. papers

1,251
ext. citations

14.6
avg, IF

4.1
L-index

#	Paper	IF	Citations
12	Recruitment of GABAergic Interneurons in the Barrel Cortex during Active Tactile Behavior. <i>Neuron</i> , 2019 , 104, 412-427.e4	13.9	68
11	Bright and photostable chemigenetic indicators for extended in vivo voltage imaging. <i>Science</i> , 2019 , 365, 699-704	33.3	206
10	Mechanisms underlying a thalamocortical transformation during active tactile sensation. <i>PLoS Computational Biology</i> , 2017 , 13, e1005576	5	23
9	Layer 4 fast-spiking interneurons filter thalamocortical signals during active somatosensation. <i>Nature Neuroscience</i> , 2016 , 19, 1647-1657	25.5	60
8	Low-noise encoding of active touch by layer 4 in the somatosensory cortex. <i>ELife</i> , 2015 , 4,	8.9	58
7	Neural coding during active somatosensation revealed using illusory touch. <i>Nature Neuroscience</i> , 2013 , 16, 958-65	25.5	171
6	Functional coupling from simple to complex cells in the visually driven cortical circuit. <i>Journal of Neuroscience</i> , 2013 , 33, 18855-66	6.6	16
5	Membrane potential synchrony in primary visual cortex during sensory stimulation. <i>Neuron</i> , 2010 , 68, 1187-201	13.9	60
4	Slow excitation of cultured rat retinal ganglion cells by activating group I metabotropic glutamate receptors. <i>Journal of Neurophysiology</i> , 2009 , 102, 3728-39	3.2	14
3	Top-down laminar organization of the excitatory network in motor cortex. <i>Nature Neuroscience</i> , 2008 , 11, 360-6	25.5	228
2	Local-Circuit Phenotypes of Layer 5 Neurons in Motor-Frontal Cortex of YFP-H Mice. <i>Frontiers in Neural Circuits</i> , 2008 , 2, 6	3.5	52
1	Principles Governing the Dynamics of GABAergic Interneurons in the Barrel Cortex		1