

Ning-Long Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3185899/publications.pdf>

Version: 2024-02-01

17
papers

1,863
citations

687363

13
h-index

888059

17
g-index

23
all docs

23
docs citations

23
times ranked

2103
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear dendritic integration of sensory and motor input during an active sensing task. <i>Nature</i> , 2012, 492, 247-251.	27.8	464
2	Procedures for Behavioral Experiments in Head-Fixed Mice. <i>PLoS ONE</i> , 2014, 9, e88678.	2.5	371
3	Activity in motorâ€™sensory projections reveals distributed coding in somatosensation. <i>Nature</i> , 2012, 489, 299-303.	27.8	314
4	Potassium Channels Control the Interaction between Active Dendritic Integration Compartments in Layer 5 Cortical Pyramidal Neurons. <i>Neuron</i> , 2013, 79, 516-529.	8.1	130
5	Bidirectional Changes in Spatial Dendritic Integration Accompanying Long-Term Synaptic Modifications. <i>Neuron</i> , 2003, 37, 463-472.	8.1	122
6	Single-neuron projectome of mouse prefrontal cortex. <i>Nature Neuroscience</i> , 2022, 25, 515-529.	14.8	87
7	Active dendritic integration and mixed neocortical network representations during an adaptive sensing behavior. <i>Nature Neuroscience</i> , 2018, 21, 1583-1590.	14.8	73
8	Sensory-to-Category Transformation via Dynamic Reorganization of Ensemble Structures in Mouse Auditory Cortex. <i>Neuron</i> , 2019, 103, 909-921.e6.	8.1	62
9	Imaging Neuronal Populations in Behaving Rodents: Paradigms for Studying Neural Circuits Underlying Behavior in the Mammalian Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 17631-17640.	3.6	58
10	Causal contributions of parietal cortex to perceptual decision-making during stimulus categorization. <i>Nature Neuroscience</i> , 2019, 22, 963-973.	14.8	58
11	Coincidence Detection of Synaptic Inputs Is Facilitated at the Distal Dendrites after Long-Term Potentiation Induction. <i>Journal of Neuroscience</i> , 2006, 26, 3002-3009.	3.6	32
12	A cortico-collicular pathway for motor planning in a memory-dependent perceptual decision task. <i>Nature Communications</i> , 2021, 12, 2727.	12.8	29
13	A cortical circuit mechanism for structural knowledge-based flexible sensorimotor decision-making. <i>Neuron</i> , 2021, 109, 2009-2024.e6.	8.1	24
14	Multiplexed Representation of Itch and Mechanical and Thermal Sensation in the Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2021, 41, 10330-10340.	3.6	15
15	Itch perception is reflected by neuronal ignition in the primary somatosensory cortex. <i>National Science Review</i> , 2022, 9, .	9.5	6
16	Deciphering Pyramidal Neuron Diversity: Delineating Perceptual Functions of Projection-Defined Neuronal Types. <i>Neuron</i> , 2020, 105, 209-211.	8.1	4
17	Learning to memorize: Shedding new light on prefrontal functions. <i>Neuroscience Bulletin</i> , 2015, 31, 242-244.	2.9	1