

Nuo Li

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,717
citations

516710

16
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

3365
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow of Cortical Activity Underlying a Tactile Decision in Mice. <i>Neuron</i> , 2014, 81, 179-194.	8.1	622
2	A motor cortex circuit for motor planning and movement. <i>Nature</i> , 2015, 519, 51-56.	27.8	474
3	Robust neuronal dynamics in premotor cortex during motor planning. <i>Nature</i> , 2016, 532, 459-464.	27.8	380
4	Procedures for Behavioral Experiments in Head-Fixed Mice. <i>PLoS ONE</i> , 2014, 9, e88678.	2.5	371
5	A cortico-cerebellar loop for motor planning. <i>Nature</i> , 2018, 563, 113-116.	27.8	321
6	Neural mechanisms of movement planning: motor cortex and beyond. <i>Current Opinion in Neurobiology</i> , 2018, 49, 33-41.	4.2	259
7	Neural coding during active somatosensation revealed using illusory touch. <i>Nature Neuroscience</i> , 2013, 16, 958-965.	14.8	228
8	Cortex commands the performance of skilled movement. <i>ELife</i> , 2015, 4, e10774.	6.0	207
9	A Map of Anticipatory Activity in Mouse Motor Cortex. <i>Neuron</i> , 2017, 94, 866-879.e4.	8.1	204
10	Spatiotemporal constraints on optogenetic inactivation in cortical circuits. <i>ELife</i> , 2019, 8, .	6.0	150
11	Specialized Subpopulations of Deep-Layer Pyramidal Neurons in the Neocortex: Bridging Cellular Properties to Functional Consequences. <i>Journal of Neuroscience</i> , 2018, 38, 5441-5455.	3.6	122
12	Attractor dynamics gate cortical information flow during decision-making. <i>Nature Neuroscience</i> , 2021, 24, 843-850.	14.8	83
13	A midbrain-thalamus-cortex circuit reorganizes cortical dynamics to initiate movement. <i>Cell</i> , 2022, 185, 1065-1081.e23.	28.9	83
14	Mechanisms underlying the response of mouse cortical networks to optogenetic manipulation. <i>ELife</i> , 2020, 9, .	6.0	47
15	Modularity and robustness of frontal cortical networks. <i>Cell</i> , 2021, 184, 3717-3730.e24.	28.9	39
16	An orderly single-trial organization of population dynamics in premotor cortex predicts behavioral variability. <i>Nature Communications</i> , 2019, 10, 216.	12.8	26
17	Cortico-cerebellar interactions during goal-directed behavior. <i>Current Opinion in Neurobiology</i> , 2020, 65, 27-37.	4.2	22
18	Fully autonomous mouse behavioral and optogenetic experiments in home-cage. <i>ELife</i> , 2021, 10, .	6.0	21

#	ARTICLE	IF	CITATIONS
19	Accurate Localization of Linear Probe Electrode Arrays across Multiple Brains. ENeuro, 2021, 8, ENEURO.0241-21.2021.	1.9	16
20	Response to “Fallacies of Mice Experiments”. Neuroinformatics, 2019, 17, 475-478.	2.8	5