

Lupeng Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4170319/publications.pdf>

Version: 2024-02-01

15
papers

770
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

799
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual Receptive Field Properties of Neurons in the Superficial Superior Colliculus of the Mouse. <i>Journal of Neuroscience</i> , 2010, 30, 16573-16584.	3.6	191
2	Attention as an effect not a cause. <i>Trends in Cognitive Sciences</i> , 2014, 18, 457-464.	7.8	153
3	Roles of Ephrin-As and Structured Activity in the Development of Functional Maps in the Superior Colliculus. <i>Journal of Neuroscience</i> , 2008, 28, 11015-11023.	3.6	101
4	Visual Selective Attention in Mice. <i>Current Biology</i> , 2018, 28, 676-685.e4.	3.9	70
5	Visual Experience Is Required for the Development of Eye Movement Maps in the Mouse Superior Colliculus. <i>Journal of Neuroscience</i> , 2015, 35, 12281-12286.	3.6	55
6	Direction-Specific Disruption of Subcortical Visual Behavior and Receptive Fields in Mice Lacking the $\beta 2$ Subunit of Nicotinic Acetylcholine Receptor. <i>Journal of Neuroscience</i> , 2009, 29, 12909-12918.	3.6	50
7	A Causal Role for Mouse Superior Colliculus in Visual Perceptual Decision-Making. <i>Journal of Neuroscience</i> , 2020, 40, 3768-3782.	3.6	49
8	Activation of Striatal Neurons Causes a Perceptual Decision Bias during Visual Change Detection in Mice. <i>Neuron</i> , 2018, 97, 1369-1381.e5.	8.1	46
9	Neuronal modulation in the mouse superior colliculus during covert visual selective attention. <i>Scientific Reports</i> , 2022, 12, 2482.	3.3	14
10	Involvement of Striatal Direct Pathway in Visual Spatial Attention in Mice. <i>Current Biology</i> , 2020, 30, 4739-4744.e5.	3.9	13
11	Different roles of axon guidance cues and patterned spontaneous activity in establishing receptive fields in the mouse superior colliculus. <i>Frontiers in Neural Circuits</i> , 2014, 8, 23.	2.8	12
12	Visual Psychophysics in Head-Fixed Mice. <i>Current Protocols in Neuroscience</i> , 2020, 92, e95.	2.6	6
13	Stimulus-driven visual attention in mice. <i>Journal of Vision</i> , 2022, 22, 11.	0.3	5
14	Neural circuit activity manipulation in the striatum influences decision process for visual detection in mice. <i>Journal of Vision</i> , 2016, 16, 617.	0.3	1
15	Visual selective attention in mice. <i>Journal of Vision</i> , 2018, 18, 1218.	0.3	1