

Xu An

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8801933/publications.pdf>

Version: 2024-02-01

14
papers

868
citations

759233

12
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Retinal and Callosal Activity-Dependent Chandelier Cell Elimination Shapes Binocularity in Primary Visual Cortex. <i>Neuron</i> , 2021, 109, 502-515.e7.	8.1	23
2	Genetically identified amygdala-striatal circuits for valence-specific behaviors. <i>Nature Neuroscience</i> , 2021, 24, 1586-1600.	14.8	56
3	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	27.8	316
4	Genetic dissection of the glutamatergic neuron system in cerebral cortex. <i>Nature</i> , 2021, 598, 182-187.	27.8	75
5	Cellular anatomy of the mouse primary motor cortex. <i>Nature</i> , 2021, 598, 159-166.	27.8	117
6	A Mouse Model of Visual Perceptual Learning Reveals Alterations in Neuronal Coding and Dendritic Spine Density in the Visual Cortex. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 42.	2.0	18
7	The Neural Mechanism of Direction- and Orientation-Selective Neurons for Processing Direction, Speed, and Axis of Motion in Early Visual Cortices. <i>Advances in Cognitive Neurodynamics</i> , 2016, , 57-63.	0.1	0
8	The Topographical Arrangement of Cutoff Spatial Frequencies across Lower and Upper Visual Fields in Mouse V1. <i>Scientific Reports</i> , 2015, 5, 7734.	3.3	15
9	Breaking cover: neural responses to slow and fast camouflage-breaking motion. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151182.	2.6	25
10	The distinct role of NR2B subunit in the enhancement of visual plasticity in adulthood. <i>Molecular Brain</i> , 2015, 8, 49.	2.6	15
11	Orientation-Cue Invariant Population Responses to Contrast-Modulated and Phase-Reversed Contour Stimuli in Macaque V1 and V2. <i>PLoS ONE</i> , 2014, 9, e106753.	2.5	19
12	The Mechanism for Processing Random-Dot Motion at Various Speeds in Early Visual Cortices. <i>PLoS ONE</i> , 2014, 9, e93115.	2.5	20
13	Equivalent Representation of Real and Illusory Contours in Macaque V4. <i>Journal of Neuroscience</i> , 2012, 32, 6760-6770.	3.6	63
14	Distinct Functional Organizations for Processing Different Motion Signals in V1, V2, and V4 of Macaque. <i>Journal of Neuroscience</i> , 2012, 32, 13363-13379.	3.6	49