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List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,860
citations

567281

15
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

6599
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult Neurogenesis in the Hippocampus: From Stem Cells to Behavior. <i>Cell</i> , 2016, 167, 897-914.	28.9	850
2	An in vivo model of functional and vascularized human brain organoids. <i>Nature Biotechnology</i> , 2018, 36, 432-441.	17.5	826
3	Directly Reprogrammed Human Neurons Retain Aging-Associated Transcriptomic Signatures and Reveal Age-Related Nucleocytoplasmic Defects. <i>Cell Stem Cell</i> , 2015, 17, 705-718.	11.1	545
4	What is memory? The present state of the engram. <i>BMC Biology</i> , 2016, 14, 40.	3.8	277
5	Simultaneous two-photon calcium imaging at different depths with spatiotemporal multiplexing. <i>Nature Methods</i> , 2011, 8, 139-142.	19.0	273
6	Internally Mediated Developmental Desynchronization of Neocortical Network Activity. <i>Journal of Neuroscience</i> , 2009, 29, 10890-10899.	3.6	266
7	Circuit level defects in the developing neocortex of Fragile X mice. <i>Nature Neuroscience</i> , 2013, 16, 903-909.	14.8	258
8	Neuron to glia signaling triggers myelin membrane exocytosis from endosomal storage sites. <i>Journal of Cell Biology</i> , 2006, 172, 937-948.	5.2	151
9	In vivo imaging of dendritic pruning in dentate granule cells. <i>Nature Neuroscience</i> , 2016, 19, 788-791.	14.8	79
10	Paradox of pattern separation and adult neurogenesis: A dual role for new neurons balancing memory resolution and robustness. <i>Neurobiology of Learning and Memory</i> , 2016, 129, 60-68.	1.9	78
11	Beyond excitation/inhibition imbalance in multidimensional models of neural circuit changes in brain disorders. <i>ELife</i> , 2017, 6, .	6.0	53
12	AAV ablates neurogenesis in the adult murine hippocampus. <i>ELife</i> , 2021, 10, .	6.0	45
13	Enriched Environment Promotes Adult Hippocampal Neurogenesis through FGFRs. <i>Journal of Neuroscience</i> , 2021, 41, 2899-2910.	3.6	33
14	Fluorescence imaging with two-photon evanescent wave excitation. <i>European Biophysics Journal</i> , 2003, 32, 635-643.	2.2	30
15	Calmodulin Interaction with hEAG1 Visualized by FRET Microscopy. <i>PLoS ONE</i> , 2010, 5, e10873.	2.5	30
16	The Population Tracking Model: A Simple, Scalable Statistical Model for Neural Population Data. <i>Neural Computation</i> , 2017, 29, 50-93.	2.2	16
17	Transcriptional regulation of neural stem cell expansion in the adult hippocampus. <i>ELife</i> , 2022, 11, .	6.0	16
18	Donor-derived vasculature is required to support neocortical cell grafts after stroke. <i>Stem Cell Research</i> , 2022, 59, 102642.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Treadmill-based task for assessing spatial memory in head-fixed mice. STAR Protocols, 2021, 2, 100770.	1.2	4
20	Intravital Two-Photon Excitation Microscopy in Neuroscience: General Concepts and Applications. , 2014, , 1-23.		0