

Alberto Cruz-Martín

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,145
citations

933447

10
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

1823
citing authors

#	ARTICLE	IF	CITATIONS
1	Delayed Stabilization of Dendritic Spines in Fragile X Mice. <i>Journal of Neuroscience</i> , 2010, 30, 7793-7803.	3.6	282
2	A dedicated circuit links direction-selective retinal ganglion cells to the primary visual cortex. <i>Nature</i> , 2014, 507, 358-361.	27.8	279
3	Acute changes in short-term plasticity at synapses with elevated levels of neuronal calcium sensor-1. <i>Nature Neuroscience</i> , 2003, 6, 1031-1038.	14.8	158
4	The Inflamed Brain in Schizophrenia: The Convergence of Genetic and Environmental Risk Factors That Lead to Uncontrolled Neuroinflammation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 274.	3.7	114
5	Increased expression of schizophrenia-associated gene C4 leads to hypoconnectivity of prefrontal cortex and reduced social interaction. <i>PLoS Biology</i> , 2020, 18, e3000604.	5.6	98
6	Fate of Cajal-Retzius neurons in the postnatal mouse neocortex. <i>Frontiers in Neuroanatomy</i> , 2010, 4, 10.	1.7	69
7	Glutamate Induces the Elongation of Early Dendritic Protrusions via mGluRs in Wild Type Mice, but Not in Fragile X Mice. <i>PLoS ONE</i> , 2012, 7, e32446.	2.5	53
8	Tryptophan Substitutions at Lipid-exposed Positions of the Gamma M3 Transmembrane Domain Increase the Macroscopic Ionic Current Response of the <i>Torpedo californica</i> Nicotinic Acetylcholine Receptor. <i>Journal of Membrane Biology</i> , 2001, 183, 61-70.	2.1	22
9	Sex Differences in Behavioral and Brainstem Transcriptomic Neuroadaptations following Neonatal Opioid Exposure in Outbred Mice. <i>ENeuro</i> , 2021, 8, ENEURO.0143-21.2021.	1.9	17
10	In Vivo Imaging of Axonal and Dendritic Structures in Neonatal Mouse Cortex. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot080150.	0.3	12
11	A Sparse Probabilistic Code Underlies the Limits of Behavioral Discrimination. <i>Cerebral Cortex</i> , 2020, 30, 1040-1055.	2.9	8
12	Depth resolution in multifocus laser speckle contrast imaging. <i>Optics Letters</i> , 2021, 46, 5059.	3.3	8
13	Highly unstable heterogeneous representations in VIP interneurons of the anterior cingulate cortex. <i>Molecular Psychiatry</i> , 2022, 27, 2602-2618.	7.9	7
14	A Pipeline using Bilateral In Utero Electroporation to Interrogate Genetic Influences on Rodent Behavior. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	5
15	Visual Cognition: Rats Compare Shapes Among the Crowd. <i>Current Biology</i> , 2012, 22, R18-R20.	3.9	4
16	Imbalance between excitation and inhibition among synaptic connections of CA3 pyramidal neurons in cultured hippocampal slices. <i>European Journal of Neuroscience</i> , 2008, 27, 1353-1363.	2.6	3
17	Visually guided behavior in freely moving mice. <i>BMC Neuroscience</i> , 2013, 14, .	1.9	1