

Abhishek Banerjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5100361/publications.pdf>

Version: 2024-02-01

19
papers

1,911
citations

623734

14
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

3462
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo interrogation of gene function in the mammalian brain using CRISPR-Cas9. <i>Nature Biotechnology</i> , 2015, 33, 102-106.	17.5	675
2	Functional recovery with recombinant human IGF1 treatment in a mouse model of Rett Syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9941-9946.	7.1	172
3	miR-132, an experience-dependent microRNA, is essential for visual cortex plasticity. <i>Nature Neuroscience</i> , 2011, 14, 1240-1242.	14.8	167
4	Jointly reduced inhibition and excitation underlies circuit-wide changes in cortical processing in Rett syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7287-E7296.	7.1	148
5	Double Dissociation of Spike Timing-Dependent Potentiation and Depression by Subunit-Preferring NMDA Receptor Antagonists in Mouse Barrel Cortex. <i>Cerebral Cortex</i> , 2009, 19, 2959-2969.	2.9	121
6	Value-guided remapping of sensory cortex by lateral orbitofrontal cortex. <i>Nature</i> , 2020, 585, 245-250.	27.8	109
7	Towards a better diagnosis and treatment of Rett syndrome: a model synaptic disorder. <i>Brain</i> , 2019, 142, 239-248.	7.6	82
8	Roles of Presynaptic NMDA Receptors in Neurotransmission and Plasticity. <i>Trends in Neurosciences</i> , 2016, 39, 26-39.	8.6	81
9	Developmental Dynamics of Rett Syndrome. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	2.2	65
10	Presynaptic Self-Depression at Developing Neocortical Synapses. <i>Neuron</i> , 2013, 77, 35-42.	8.1	56
11	Distinct mechanisms of spike timing-dependent LTD at vertical and horizontal inputs onto L2/3 pyramidal neurons in mouse barrel cortex. <i>Physiological Reports</i> , 2014, 2, e00271.	1.7	53
12	Rett Syndrome: Genes, Synapses, Circuits, and Therapeutics. <i>Frontiers in Psychiatry</i> , 2012, 3, 34.	2.6	50
13	Presynaptic NMDA receptors and spike timing-dependent long-term depression at cortical synapses. <i>Frontiers in Synaptic Neuroscience</i> , 2010, 2, 18.	2.5	48
14	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes. <i>Molecular Psychiatry</i> , 2021, 26, 7610-7620.	7.9	47
15	MeCP2: Making sense of missense in Rett syndrome. <i>Cell Research</i> , 2013, 23, 1244-1246.	12.0	8
16	Oscillations in the Developing Cortex: A Mechanism for Establishing and Synchronizing an Early Network?. <i>Journal of Neuroscience</i> , 2009, 29, 15029-15030.	3.6	6
17	Reinforcement-guided learning in frontal neocortex: emerging computational concepts. <i>Current Opinion in Behavioral Sciences</i> , 2021, 38, 133-140.	3.9	5
18	Region-Specific KCC2 Rescue by rhIGF-1 and Oxytocin in a Mouse Model of Rett Syndrome. <i>Cerebral Cortex</i> , 2022, 32, 2885-2894.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Synaptic Correlates of Binocular Convergence: Just a Coincidence?. Journal of Neuroscience, 2014, 34, 8931-8933.	3.6	2