Abhishek Banerjee

List of Publications by Year
in descending order

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

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19	1,911	623188	752256
papers	citations	14 h-index	20 g-index

24	24	24	3462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	In vivo interrogation of gene function in the mammalian brain using CRISPR-Cas9. Nature Biotechnology, 2015, 33, 102-106.	9.4	675
2	Functional recovery with recombinant human IGF1 treatment in a mouse model of Rett Syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9941-9946.	3.3	172
3	miR-132, an experience-dependent microRNA, is essential for visual cortex plasticity. Nature Neuroscience, 2011, 14, 1240-1242.	7.1	167
4	Jointly reduced inhibition and excitation underlies circuit-wide changes in cortical processing in Rett syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7287-E7296.	3.3	148
5	Double Dissociation of Spike Timingâ€“Dependent Potentiation and Depression by Subunit-Preferring NMDA Receptor Antagonists in Mouse Barrel Cortex. Cerebral Cortex, 2009, 19, 2959-2969.	1.6	121
6	Value-guided remapping of sensory cortex by lateral orbitofrontal cortex. Nature, 2020, 585, 245-250.	13.7	109
7	Towards a better diagnosis and treatment of Rett syndrome: a model synaptic disorder. Brain, 2019, 142, 239-248.	3.7	82
8	Roles of Presynaptic NMDA Receptors in Neurotransmission and Plasticity. Trends in Neurosciences, 2016, 39, 26-39.	4.2	81
9	Developmental Dynamics of Rett Syndrome. Neural Plasticity, 2016, 2016, 1-9.	1.0	65
10	Presynaptic Self-Depression at Developing Neocortical Synapses. Neuron, 2013, 77, 35-42.	3.8	56
11	Distinct mechanisms of spike timing-dependent LTD at vertical and horizontal inputs onto L2/3 pyramidal neurons in mouse barrel cortex. Physiological Reports, 2014, 2, e00271.	0.7	53
12	Rett Syndrome: Genes, Synapses, Circuits, and Therapeutics. Frontiers in Psychiatry, 2012, 3, 34.	1.3	50
13	Presynaptic NMDA receptors and spike timing-dependent long-term depression at cortical synapses. Frontiers in Synaptic Neuroscience, 2010, 2, 18.	1.3	48
14	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes. Molecular Psychiatry, 2021, 26, 7610-7620.	4.1	47
15	MeCP2: Making sense of missense in Rett syndrome. Cell Research, 2013, 23, 1244-1246.	5.7	8
16	Oscillations in the Developing Cortex: A Mechanism for Establishing and Synchronizing an Early Network?. Journal of Neuroscience, 2009, 29, 15029-15030.	1.7	6
17	Reinforcement-guided learning in frontal neocortex: emerging computational concepts. Current Opinion in Behavioral Sciences, 2021, 38, 133-140.	2.0	5
18	Region-Specific KCC2 Rescue by rhIGF-1 and Oxytocin in a Mouse Model of Rett Syndrome. Cerebral Cortex, 2022, 32, 2885-2894.	1.6	4

#	Article	IF	Citations
19	Synaptic Correlates of Binocular Convergence: Just a Coincidence?. Journal of Neuroscience, 2014, 34, 8931-8933.	1.7	2