

Andrea Barberis

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

707
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1005
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic recruitment of gephyrin regulates surface GABAA receptor dynamics for the expression of inhibitory LTP. <i>Nature Communications</i> , 2014, 5, 3921.	12.8	158
2	Preserving the balance: diverse forms of long-term GABAergic synaptic plasticity. <i>Nature Reviews Neuroscience</i> , 2019, 20, 272-281.	10.2	96
3	Nanoscale Molecular Reorganization of the Inhibitory Postsynaptic Density Is a Determinant of GABAergic Synaptic Potentiation. <i>Journal of Neuroscience</i> , 2017, 37, 1747-1756.	3.6	81
4	HDAC6 and RhoA are novel players in Abeta-driven disruption of neuronal polarity. <i>Nature Communications</i> , 2015, 6, 7781.	12.8	52
5	Diffusion dynamics of synaptic molecules during inhibitory postsynaptic plasticity. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 300.	3.7	50
6	Impact of Synaptic Neurotransmitter Concentration Time Course on the Kinetics and Pharmacological Modulation of Inhibitory Synaptic Currents. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 6.	3.7	44
7	Inter-Synaptic Lateral Diffusion of GABAA Receptors Shapes Inhibitory Synaptic Currents. <i>Neuron</i> , 2017, 95, 63-69.e5.	8.1	40
8	Tuning GABAergic Inhibition: Gephyrin Molecular Organization and Functions. <i>Neuroscience</i> , 2020, 439, 125-136.	2.3	37
9	Postsynaptic plasticity of GABAergic synapses. <i>Neuropharmacology</i> , 2020, 169, 107643.	4.1	35
10	Influence of GABA _A Monoligated States on GABAergic Responses. <i>Journal of Neuroscience</i> , 2011, 31, 1752-1761.	3.6	31
11	Emerging Mechanisms Underlying Dynamics of GABAergic Synapses. <i>Journal of Neuroscience</i> , 2017, 37, 10792-10799.	3.6	24
12	Spatial regulation of coordinated excitatory and inhibitory synaptic plasticity at dendritic synapses. <i>Cell Reports</i> , 2022, 38, 110347.	6.4	17
13	Long-term plasticity of inhibitory synapses in the hippocampus and spatial learning depends on matrix metalloproteinase 3. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2279-2298.	5.4	12
14	Editorial: Plasticity of GABAergic synapses. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 262.	3.7	10
15	Correlating Fluorescence and High-Resolution Scanning Electron Microscopy (HRSEM) for the study of GABAA receptor clustering induced by inhibitory synaptic plasticity. <i>Scientific Reports</i> , 2017, 7, 13768.	3.3	7
16	Cooled SPAD array detector for low light-dose fluorescence laser scanning microscopy. <i>Biophysical Reports</i> , 2021, 1, 100025.	1.2	7
17	Genetic Code Expansion and Click-Chemistry Labeling to Visualize GABA-A Receptors by Super-Resolution Microscopy. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 727406.	2.5	4
18	3D Cell Cultures: Nanostructured Superhydrophobic Substrates Trigger the Development of 3D Neuronal Networks (<i>Small</i> 3/2013). <i>Small</i> , 2013, 9, 334-334.	10.0	2