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List of Publications by Year in descending order

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35 papers	1,752 citations	361413 20 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	2462 citing authors

#	Article	IF	Citations
1	GABA Transporter-1 (GAT1)-Deficient Mice: Differential Tonic Activation of GABAA Versus GABAB Receptors in the Hippocampus. Journal of Neurophysiology, 2003, 90, 2690-2701.	1.8	218
2	GABA Transporter Deficiency Causes Tremor, Ataxia, Nervousness, and Increased GABA-Induced Tonic Conductance in Cerebellum. Journal of Neuroscience, 2005, 25, 3234-3245.	3.6	212
3	THIP, a Hypnotic and Antinociceptive Drug, Enhances an Extrasynaptic GABAA Receptor-mediated Conductance in Mouse Neocortex. Cerebral Cortex, 2006, 16, 1134-1141.	2.9	159
4	Number, Density, and Surface/Cytoplasmic Distribution of GABA Transporters at Presynaptic Structures of Knock-In Mice Carrying GABA Transporter Subtype 1â€“Green Fluorescent Protein Fusions. Journal of Neuroscience, 2002, 22, 10251-10266.	3.6	133
5	Hippocampal GABAergic dysfunction in a rat chronic mild stress model of depression. Hippocampus, 2011, 21, 422-433.	1.9	98
6	Long-Term Stress Disrupts the Structural and Functional Integrity of GABAergic Neuronal Networks in the Medial Prefrontal Cortex of Rats. Frontiers in Cellular Neuroscience, 2018, 12, 148.	3.7	87
7	SorCS2 is required for BDNF-dependent plasticity in the hippocampus. Molecular Psychiatry, 2016, 21, 1740-1751.	7.9	73
8	Succinic Semialdehyde Dehydrogenase: Biochemicalâ€“Molecularâ€“Clinical Disease Mechanisms, Redox Regulation, and Functional Significance. Antioxidants and Redox Signaling, 2011, 15, 691-718.	5.4	68
9	Reduced GABAergic Inhibition Explains Cortical Hyperexcitability in the Wobbler Mouse Model of ALS. Cerebral Cortex, 2011, 21, 625-635.	2.9	67
10	Mature BDNF, But Not proBDNF, Reduces Excitability of Fast-Spiking Interneurons in Mouse Dentate Gyrus. Journal of Neuroscience, 2009, 29, 12412-12418.	3.6	61
11	Activity-Dependent Depression of GABAergic IPSCs in Cultured Hippocampal Neurons. Journal of Neurophysiology, 1999, 82, 42-49.	1.8	58
12	L-type Ca2+ channel-mediated short-term plasticity of GABAergic synapses. Nature Neuroscience, 2001, 4, 975-976.	14.8	52
13	Role of Presynaptic L-Type Ca2+ Channels in GABAergic Synaptic Transmission in Cultured Hippocampal Neurons. Journal of Neurophysiology, 1999, 81, 1225-1230.	1.8	48
14	Modulation of Extrasynaptic THIP Conductances by GABAA-Receptor Modulators in Mouse Neocortex. Journal of Neurophysiology, 2007, 97, 2293-2300.	1.8	36
15	Cell Typeâ€“Specific GABA_A Receptorâ€“Mediated Tonic Inhibition in Mouse Neocortex. Journal of Neurophysiology, 2008, 100, 526-532.	1.8	34
16	Post-tetanic potentiation of GABAergic IPSCs in cultured rat hippocampal neurones. Journal of Physiology, 1999, 519, 71-84.	2.9	33
17	BDNF Depresses Excitability of Parvalbumin-Positive Interneurons through an M-Like Current in Rat Dentate Gyrus. PLoS ONE, 2013, 8, e67318.	2.5	32
18	Pharmacological characterization of a novel positive modulator at Î±4Î²3Î´-containing extrasynaptic GABAA receptors. Neuropharmacology, 2010, 58, 702-711.	4.1	29

#	Article	IF	Citations
19	Presynaptic Plasticity as a Hallmark of Rat Stress Susceptibility and Antidepressant Response. PLoS ONE, 2015, 10, e0119993.	2.5	26
20	The Wobbler Mouse Model of Amyotrophic Lateral Sclerosis (ALS) Displays Hippocampal Hyperexcitability, and Reduced Number of Interneurons, but No Presynaptic Vesicle Release Impairments. PLoS ONE, 2013, 8, e82767.	2.5	21
21	Selective sparing of hippocampal CA3 cells following in vitro ischemia is due to selective inhibition by acidosis. European Journal of Neuroscience, 2005, 22, 310-316.	2.6	20
22	GABAAReceptor-Mediated Bidirectional Control of Synaptic Activity, Intracellular Ca2+, Cerebral Blood Flow, and Oxygen Consumption in Mouse Somatosensory Cortex In Vivo. Cerebral Cortex, 2015, 25, 2594-2609.	2.9	20
23	The Schizophrenia-Associated BRD1 Gene Regulates Behavior, Neurotransmission, and Expression of Schizophrenia Risk Enriched Gene Sets in Mice. Biological Psychiatry, 2017, 82, 62-76.	1.3	19
24	SSADH deficiency leads to elevated extracellular GABA levels and increased GABAergic neurotransmission in the mouse cerebral cortex. Journal of Inherited Metabolic Disease, 2008, 31, 662-668.	3.6	18
25	Kinetic analysis of evoked IPSCs discloses mechanism of antagonism of synaptic GABA_A receptors by picrotoxin. British Journal of Pharmacology, 2010, 159, 636-649.	5.4	18
26	Positive modulation of Î´-subunit containing GABAA receptors in mouse neurons. Neuropharmacology, 2012, 63, 469-479.	4.1	18
27	The flavonoid, 2â€²-methoxy-6-methylflavone, affords neuroprotection following focal cerebral ischaemia. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1266-1282.	4.3	18
28	Plasticity of postsynaptic, but not presynaptic, GABAB receptors inSSADH deficient mice. Experimental Neurology, 2010, 225, 114-122.	4.1	16
29	Tetanus-induced asynchronous GABA release in cultured hippocampal neurons. Brain Research, 2000, 880, 198-201.	2.2	13
30	Imaging of Ca2+ responses mediated by presynaptic L-type channels on GABAergic boutons of cultured hippocampal neurons. Brain Research, 2009, 1249, 79-90.	2.2	13
31	Immunolocalization of human alpha-synuclein in the Thy1-aSyn (â€œLine 61â€) transgenic mouse line. Neuroscience, 2014, 277, 647-664.	2.3	12
32	Effect of gene dosage on single-cell hippocampal electrophysiology in a murine model of SSADH deficiency (Î³-hydroxybutyric aciduria). Epilepsy Research, 2010, 90, 39-46.	1.6	9
33	Repetitive activation of postsynaptic GABAA receptors by rapid, focal agonist application onto intact rat striatal neurones in vitro. Pflugers Archiv European Journal of Physiology, 2002, 443, 707-712.	2.8	8
34	The effect of internal GTPÎ³S on GABA-release in cultured hippocampal neurons. Experimental Brain Research, 2000, 134, 204-211.	1.5	4
35	Mapping of the spontaneous deletion in the Ap3d1 gene of mocha mice: fast and reliable genotyping. BMC Research Notes, 2008, 1, 119.	1.4	1