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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	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
2	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
3	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
4	SorCS2 is required for BDNF-dependent plasticity in the hippocampus. Molecular Psychiatry, 2016, 21, 1740-1751.	7.9	73
5	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
6	Presynaptic Plasticity as a Hallmark of Rat Stress Susceptibility and Antidepressant Response. PLoS ONE, 2015, 10, e0119993.	2.5	26
7	Immunolocalization of human alpha-synuclein in the Thy1-aSyn (â€œLine 61â€) transgenic mouse line. Neuroscience, 2014, 277, 647-664.	2.3	12
8	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
9	BDNF Depresses Excitability of Parvalbumin-Positive Interneurons through an M-Like Current in Rat Dentate Gyrus. PLoS ONE, 2013, 8, e67318.	2.5	32
10	Positive modulation of Î´-subunit containing GABAA receptors in mouse neurons. Neuropharmacology, 2012, 63, 469-479.	4.1	18
11	Succinic Semialdehyde Dehydrogenase: Biochemicalâ€“Molecularâ€“Clinical Disease Mechanisms, Redox Regulation, and Functional Significance. Antioxidants and Redox Signaling, 2011, 15, 691-718.	5.4	68
12	Reduced GABAergic Inhibition Explains Cortical Hyperexcitability in the Wobbler Mouse Model of ALS. Cerebral Cortex, 2011, 21, 625-635.	2.9	67
13	Hippocampal GABAergic dysfunction in a rat chronic mild stress model of depression. Hippocampus, 2011, 21, 422-433.	1.9	98
14	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
15	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
16	Pharmacological characterization of a novel positive modulator at Î±4Î²3Î´-containing extrasynaptic GABAA receptors. Neuropharmacology, 2010, 58, 702-711.	4.1	29
17	Plasticity of postsynaptic, but not presynaptic, GABAB receptors inSSADH deficient mice. Experimental Neurology, 2010, 225, 114-122.	4.1	16
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	Cell Typeâ€"Specific GABA_A Receptorâ€"Mediated Tonic Inhibition in Mouse Neocortex. Journal of Neurophysiology, 2008, 100, 526-532.	1.8	34
23	Modulation of Extrasynaptic THIP Conductances by GABAA-Receptor Modulators in Mouse Neocortex. Journal of Neurophysiology, 2007, 97, 2293-2300.	1.8	36
24	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
25	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
26	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
27	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
28	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
29	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
30	L-type Ca2+ channel-mediated short-term plasticity of GABAergic synapses. Nature Neuroscience, 2001, 4, 975-976.	14.8	52
31	Tetanus-induced asynchronous GABA release in cultured hippocampal neurons. Brain Research, 2000, 880, 198-201.	2.2	13
32	The effect of internal GTPÎ³S on GABA-release in cultured hippocampal neurons. Experimental Brain Research, 2000, 134, 204-211.	1.5	4
33	Activity-Dependent Depression of GABAergic IPSCs in Cultured Hippocampal Neurons. Journal of Neurophysiology, 1999, 82, 42-49.	1.8	58
34	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
35	Post-tetanic potentiation of GABAergic IPSCs in cultured rat hippocampal neurones. Journal of Physiology, 1999, 519, 71-84.	2.9	33