Zhe Jin

List of Publications by Year
in descending order

55 papers	1,645 citations	361045 20 h-index	315357 38 g-index
57 all docs	57 docs citations	57 times ranked	2565 citing authors

#	Article	IF	Citations
1	GABA is an effective immunomodulatory molecule. Amino Acids, 2013, 45, 87-94.	1.2	217
2	GABAergic Signaling Is Linked to a Hypermigratory Phenotype in Dendritic Cells Infected by Toxoplasma gondii. PLoS Pathogens, 2012, 8, e1003051.	2.1	149
3	GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4+ T Cells and Is Immunosuppressive in Type 1 Diabetes. EBioMedicine, 2018, 30, 283-294.	2.7	104
4	Different Subtypes of GABA-A Receptors Are Expressed in Human, Mouse and Rat T Lymphocytes. PLoS ONE, 2012, 7, e42959.	1.1	84
5	GLP-1 and Exendin-4 Transiently Enhance GABAA Receptorâ€“Mediated Synaptic and Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. Diabetes, 2015, 64, 79-89.	0.3	79
6	Insulin Reduces Neuronal Excitability by Turning on GABAA Channels that Generate Tonic Current. PLoS ONE, 2011, 6, e16188.	1.1	68
7	Characterization of the Î³-aminobutyric acid signaling system in the zebrafish (Danio rerio Hamilton) central nervous system by reverse transcription-quantitative polymerase chain reaction. Neuroscience, 2017, 343, 300-321.	1.1	59
8	Increased GABAA channel subunits expression in CD8+ but not in CD4+ T cells in BB rats developing diabetes compared to their congenic littermates. Molecular Immunology, 2011, 48, 399-407.	1.0	54
9	Extracranial and intracranial complications of otitis media: 22-year clinical experience and analysis. Acta Oto-Laryngologica, 2012, 132, 261-265.	0.3	50
10	Survival, synaptogenesis, and regeneration of adult mouse spiral ganglion neuronsin vitro. Developmental Neurobiology, 2007, 67, 108-122.	1.5	49
11	GABA-A Channel Subunit Expression in Human Glioma Correlates with Tumor Histology and Clinical Outcome. PLoS ONE, 2012, 7, e37041.	1.1	43
12	Functional Characterization of Native, High-Affinity GABAA Receptors in Human Pancreatic Î² Cells. EBioMedicine, 2018, 30, 273-282.	2.7	42
13	Selective increases of AMPA, NMDA, and kainate receptor subunit mRNAs in the hippocampus and orbitofrontal cortex but not in prefrontal cortex of human alcoholics. Frontiers in Cellular Neuroscience, 2014, 8, 11.	1.8	41
14	Selective Changes of GABAA Channel Subunit mRNAs in the Hippocampus and Orbitofrontal Cortex but not in Prefrontal Cortex of Human Alcoholics. Frontiers in Cellular Neuroscience, 2011, 5, 30.	1.8	32
15	Expression of specific ionotropic glutamate and GABA-A receptor subunits is decreased in central amygdala of alcoholics. Frontiers in Cellular Neuroscience, 2014, 8, 288.	1.8	32
16	Transcriptomes of Dravet syndrome iPSC derived GABAergic cells reveal dysregulated pathways for chromatin remodeling and neurodevelopment. Neurobiology of Disease, 2019, 132, 104583.	2.1	32
17	A clinical study of microcirculatory disturbance in Chinese patients with sudden deafness. Acta Oto-Laryngologica, 2008, 128, 1168-1172.	0.3	30
18	Strategy towards independent electrical stimulation from cochlear implants: Guided auditory neuron growth on topographically modified nanocrystalline diamond. Acta Biomaterialia, 2016, 31, 211-220.	4.1	27

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19	Expression and Localization of K⁺ Channels KCNQ2 and KCNQ3 in the Mammalian Cochlea. Audiology and Neuro-Otology, 2009, 14, 98-105.	0.6	26
20	Interferon-Î³ potentiates GABAA receptor-mediated inhibitory currents in rat hippocampal CA1 pyramidal neurons. Journal of Neuroimmunology, 2019, 337, 577050.	1.1	26
21	In Intact Islets Interstitial GABA Activates GABAA Receptors That Generate Tonic Currents in Î±-Cells. PLoS ONE, 2013, 8, e67228.	1.1	25
22	GABA-A and NMDA receptor subunit mRNA expression is altered in the caudate but not the putamen of the postmortem brains of alcoholics. Frontiers in Cellular Neuroscience, 2014, 8, 415.	1.8	21
23	The GLP-1 Receptor Agonist Exendin-4 and Diazepam Differentially Regulate GABAA Receptor-Mediated Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. PLoS ONE, 2015, 10, e0124765.	1.1	21
24	Molecular analyses of KCNQ1â€“5 potassium channel mRNAs in rat and guinea pig inner ears: expression, cloning, and alternative splicing. Acta Oto-Laryngologica, 2006, 126, 346-352.	0.3	20
25	Malformation of stria vascularis in the developing inner ear of the German waltzing guinea pig. Cell and Tissue Research, 2007, 328, 257-270.	1.5	19
26	Etomidate, propofol and diazepam potentiate GABA-evoked GABAA currents in a cell line derived from human glioblastoma. European Journal of Pharmacology, 2015, 748, 101-107.	1.7	18
27	Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. International Journal of Molecular Sciences, 2019, 20, 6172.	1.8	18
28	Auditory function and cochlear morphology in the German waltzing guinea pig. Hearing Research, 2006, 219, 74-84.	0.9	17
29	AMPA, NMDA and kainate glutamate receptor subunits are expressed in human peripheral blood mononuclear cells (PBMCs) where the expression of GluK4 is altered by pregnancy and GluN2D by depression in pregnant women. Journal of Neuroimmunology, 2017, 305, 51-58.	1.1	17
30	Effects of GABAB receptors in the insula on recognition memory observed with intellicage. Behavioral and Brain Functions, 2017, 13, 7.	1.4	16
31	Insulin enhances GABAA receptor-mediated inhibitory currents in rat central amygdala neurons. Neuroscience Letters, 2018, 671, 76-81.	1.0	16
32	Horseradish peroxidase dye tracing and embryonic statoacoustic ganglion cell transplantation in the rat auditory nerve trunk. Brain Research, 2011, 1377, 41-49.	1.1	15
33	Monoallelic and bi-allelic variants in NCDN cause neurodevelopmental delay, intellectual disability, and epilepsy. American Journal of Human Genetics, 2021, 108, 739-748.	2.6	15
34	The Glucagon-Like Peptide-1 Analogue Liraglutide Reduces Seizures Susceptibility, Cognition Dysfunction and Neuronal Apoptosis in a Mouse Model of Dravet Syndrome. Frontiers in Pharmacology, 2020, 11, 136.	1.6	14
35	Liraglutide modulates GABAergic signaling in rat hippocampal CA3 pyramidal neurons predominantly by presynaptic mechanism. BMC Pharmacology & Toxicology, 2017, 18, 83.	1.0	13
36	Continuous High Frequency Deep Brain Stimulation of the Rat Anterior Insula Attenuates the Relapse Post Withdrawal and Strengthens the Extinction of Morphine Seeking. Frontiers in Psychiatry, 2020, 11, 577155.	1.3	13

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37	Developmental expression and localization of KCNJ10 K+ channels in the guinea pig inner ear. NeuroReport, 2006, 17, 475-479.	0.6	12
38	Î²-Bungarotoxin application to the round window: An in vivo deafferentation model of the inner ear. Hearing Research, 2010, 265, 70-76.	0.9	12
39	Spatiotemporal loss of K⁺ transport proteins in the developing cochlear lateral wall of guinea pigs with hereditary deafness. European Journal of Neuroscience, 2008, 27, 145-154.	1.2	11
40	Insulin differentially modulates GABA signalling in hippocampal neurons and, in an ageâ€dependent manner, normalizes GABAâ€activated currents in the tgâ€APPSwe mouse model of Alzheimerâ€™s disease. Acta Physiologica, 2021, 232, e13623.	1.8	11
41	Cochlear homeostasis and its role in genetic deafness. Journal of Otology, 2009, 4, 15-22.	0.4	10
42	Adeno-associated viral vector-mediated expression of NT4-ADNF-9 fusion gene protects against aminoglycoside-induced auditory hair cell loss in vitro. Acta Oto-Laryngologica, 2011, 131, 136-141.	0.3	8
43	The Evaluation of Basic Fibroblast Growth Factor and Fibroblastic Growth Factor Receptor 1 Levels in Saliva and Serum of Patients with Salivary Gland Tumor. DNA and Cell Biology, 2012, 31, 520-523.	0.9	8
44	Expression of calcium release-activated and voltage-gated calcium channels genes in peripheral blood mononuclear cells is altered in pregnancy and in type 1 diabetes. PLoS ONE, 2018, 13, e0208981.	1.1	7
45	Ataxia in Patients With Bi-Allelic NFASC Mutations and Absence of Full-Length NF186. Frontiers in Genetics, 2019, 10, 896.	1.1	7
46	Neocortex- and hippocampus-specific deletion of Gabrg2 causes temperature-dependent seizures in mice. Cell Death and Disease, 2021, 12, 553.	2.7	7
47	Ototoxicity on cochlear nucleus neurons following systemic application of gentamicin. Acta Oto-Laryngologica, 2009, 129, 745-748.	0.3	6
48	Increased Alcohol Consumption in Mice Lacking Sodium Bicarbonate Transporter NBCn1. Scientific Reports, 2020, 10, 11017.	1.6	6
49	Tonic GABA â€activated synaptic and extrasynaptic currents in dentate gyrus granule cells and CA3 pyramidal neurons along the mouse hippocampal dorsoventral axis. Hippocampus, 2020, 30, 1146-1157.	0.9	6
50	GABA-activated Single-channel and Tonic Currents in Rat Brain Slices. Journal of Visualized Experiments, 2011, , .	0.2	4
51	Congenital unilateral pulmonary malformation misdiagnosed as bronchial foreign body: A review of 14 cases. Acta Oto-Laryngologica, 2010, 130, 971-976.	0.3	3
52	Do All Roads Lead to Rome? Genes Causing Dravet Syndrome and Dravet Syndrome-Like Phenotypes. Frontiers in Neurology, 2022, 13, 832380.	1.1	3
53	GABAA Receptor-Mediated Currents and Hormone mRNAs in Cells Expressing More Than One Hormone Transcript in Intact Human Pancreatic Islets. International Journal of Molecular Sciences, 2020, 21, 600.	1.8	1
54	Anatomic study of maximum intensity projection of the membranous labyrinth and the internal auditory meatus â€“ MRI scan in 16 Chinese adults. Acta Oto-Laryngologica, 2007, 127, 1150-1156.	0.3	0

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55	GABA Is an Effective Immunomodulatory Molecule in the Brain and in the Periphery. , 2012, , 163-173.		0