

# Zhe Jin

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

1,174  
citations

18  
h-index

33  
g-index

57  
ext. papers

1,443  
ext. citations

4.2  
avg, IF

4.27  
L-index

| #  | Paper   | IF   | Citations |
|----|---|------|-----------|
| 54 | GABA is an effective immunomodulatory molecule. <i>Amino Acids</i> , <b>2013</b> , 45, 87-94  | 3.5  | 158       |
| 53 | GABAergic signaling is linked to a hypermigratory phenotype in dendritic cells infected by <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1003051   | 7.6  | 103       |
| 52 | Different subtypes of GABA-A receptors are expressed in human, mouse and rat T lymphocytes. <i>PLoS ONE</i> , <b>2012</b> , 7, e42959   | 3.7  | 73        |
| 51 | GABA Regulates Release of Inflammatory Cytokines From Peripheral Blood Mononuclear Cells and CD4 T Cells and Is Immunosuppressive in Type 1 Diabetes. <i>EBioMedicine</i> , <b>2018</b> , 30, 283-294                                       | 8.8  | 63        |
| 50 | GLP-1 and exendin-4 transiently enhance GABA <sub>A</sub> receptor-mediated synaptic and tonic currents in rat hippocampal CA3 pyramidal neurons. <i>Diabetes</i> , <b>2015</b> , 64, 79-89   | 0.9  | 58        |
| 49 | Insulin reduces neuronal excitability by turning on GABA(A) channels that generate tonic current. <i>PLoS ONE</i> , <b>2011</b> , 6, e16188   | 3.7  | 58        |
| 48 | Increased GABA(A) channel subunits expression in CD8(+) but not in CD4(+) T cells in BB rats developing diabetes compared to their congenic littermates. <i>Molecular Immunology</i> , <b>2011</b> , 48, 399-407                            | 4.3  | 42        |
| 47 | Characterization of the GABAergic signaling system in the zebrafish ( <i>Danio rerio</i> Hamilton) central nervous system by reverse transcription-quantitative polymerase chain reaction. <i>Neuroscience</i> , <b>2017</b> , 343, 300-321 | 3.9  | 41        |
| 46 | Extracranial and intracranial complications of otitis media: 22-year clinical experience and analysis. <i>Acta Oto-Laryngologica</i> , <b>2012</b> , 132, 261-5   | 1.6  | 40        |
| 45 | Survival, synaptogenesis, and regeneration of adult mouse spiral ganglion neurons in vitro. <i>Developmental Neurobiology</i> , <b>2007</b> , 67, 108-22  | 3.2  | 39        |
| 44 | Selective increases of AMPA, NMDA, and kainate receptor subunit mRNAs in the hippocampus and orbitofrontal cortex but not in prefrontal cortex of human alcoholics. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 11         | 6.1  | 33        |
| 43 | GABA-A channel subunit expression in human glioma correlates with tumor histology and clinical outcome. <i>PLoS ONE</i> , <b>2012</b> , 7, e37041   | 3.7  | 28        |
| 42 | Expression of specific ionotropic glutamate and GABA-A receptor subunits is decreased in central amygdala of alcoholics. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 288   | 6.1  | 27        |
| 41 | Selective Changes of GABA(A) Channel Subunit mRNAs in the Hippocampus and Orbitofrontal Cortex but not in Prefrontal Cortex of Human Alcoholics. <i>Frontiers in Cellular Neuroscience</i> , <b>2011</b> , 5, 30                            | 6.1  | 27        |
| 40 | Functional Characterization of Native, High-Affinity GABA Receptors in Human Pancreatic $\beta$ Cells. <i>EBioMedicine</i> , <b>2018</b> , 30, 273-282  | 8.8  | 26        |
| 39 | Strategy towards independent electrical stimulation from cochlear implants: Guided auditory neuron growth on topographically modified nanocrystalline diamond. <i>Acta Biomaterialia</i> , <b>2016</b> , 31, 211-220                        | 10.8 | 22        |
| 38 | A clinical study of microcirculatory disturbance in Chinese patients with sudden deafness. <i>Acta Oto-Laryngologica</i> , <b>2008</b> , 128, 1168-72   | 1.6  | 22        |

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|----|---|-----|----|
| 37 | In intact islets interstitial GABA activates GABA(A) receptors that generate tonic currents in $\beta$ cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e67228   | 3.7 | 18 |
| 36 | Expression and localization of K channels KCNQ2 and KCNQ3 in the mammalian cochlea. <i>Audiology and Neuro-Otology</i> , <b>2009</b> , 14, 98-105   | 2.2 | 18 |
| 35 | Malformation of stria vascularis in the developing inner ear of the German waltzing guinea pig. <i>Cell and Tissue Research</i> , <b>2007</b> , 328, 257-70   | 4.2 | 18 |
| 34 | Molecular analyses of KCNQ1-5 potassium channel mRNAs in rat and guinea pig inner ears: expression, cloning, and alternative splicing. <i>Acta Oto-Laryngologica</i> , <b>2006</b> , 126, 346-52  | 1.6 | 18 |
| 33 | Transcriptomes of Dravet syndrome iPSC derived GABAergic cells reveal dysregulated pathways for chromatin remodeling and neurodevelopment. <i>Neurobiology of Disease</i> , <b>2019</b> , 132, 104583   | 7.5 | 17 |
| 32 | GABA-A and NMDA receptor subunit mRNA expression is altered in the caudate but not the putamen of the postmortem brains of alcoholics. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 415   | 6.1 | 17 |
| 31 | Auditory function and cochlear morphology in the German waltzing guinea pig. <i>Hearing Research</i> , <b>2006</b> , 219, 74-84   | 3.9 | 16 |
| 30 | Horseradish peroxidase dye tracing and embryonic statoacoustic ganglion cell transplantation in the rat auditory nerve trunk. <i>Brain Research</i> , <b>2011</b> , 1377, 41-9  | 3.7 | 14 |
| 29 | The GLP-1 Receptor Agonist Exendin-4 and Diazepam Differentially Regulate GABAA Receptor-Mediated Tonic Currents in Rat Hippocampal CA3 Pyramidal Neurons. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124765   | 3.7 | 14 |
| 28 | 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. <i>Journal of Neuroimmunology</i> , <b>2017</b> , 305, 51-58 | 3.5 | 13 |
| 27 | Etomidate, propofol and diazepam potentiate GABA-evoked GABAA currents in a cell line derived from human glioblastoma. <i>European Journal of Pharmacology</i> , <b>2015</b> , 748, 101-7   | 5.3 | 13 |
| 26 | Liraglutide modulates GABAergic signaling in rat hippocampal CA3 pyramidal neurons predominantly by presynaptic mechanism. <i>BMC Pharmacology &amp; Toxicology</i> , <b>2017</b> , 18, 83  | 2.6 | 11 |
| 25 | Spatiotemporal loss of K <sup>+</sup> transport proteins in the developing cochlear lateral wall of guinea pigs with hereditary deafness. <i>European Journal of Neuroscience</i> , <b>2008</b> , 27, 145-54  | 3.5 | 11 |
| 24 | Developmental expression and localization of KCNJ10 K <sup>+</sup> channels in the guinea pig inner ear. <i>NeuroReport</i> , <b>2006</b> , 17, 475-9   | 1.7 | 11 |
| 23 | beta-Bungarotoxin application to the round window: an in vivo deafferentation model of the inner ear. <i>Hearing Research</i> , <b>2010</b> , 265, 70-6   | 3.9 | 10 |
| 22 | Cochlear homeostasis and its role in genetic deafness. <i>Journal of Otology</i> , <b>2009</b> , 4, 15-22   | 1.9 | 10 |
| 21 | Effects of GABA receptors in the insula on recognition memory observed with intellicage. <i>Behavioral and Brain Functions</i> , <b>2017</b> , 13, 7  | 4.1 | 8  |
| 20 | The Glucagon-Like Peptide-1 Analogue Liraglutide Reduces Seizures Susceptibility, Cognition Dysfunction and Neuronal Apoptosis in a Mouse Model of Dravet Syndrome. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 136  | 5.6 | 7  |

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|----|---|-----|---|
| 19 | Insulin enhances GABA receptor-mediated inhibitory currents in rat central amygdala neurons. <i>Neuroscience Letters</i> , <b>2018</b> , 671, 76-81   | 3.3 | 7 |
| 18 | Adeno-associated viral vector-mediated expression of NT4-ADNF-9 fusion gene protects against aminoglycoside-induced auditory hair cell loss in vitro. <i>Acta Oto-Laryngologica</i> , <b>2011</b> , 131, 136-41   | 1.6 | 7 |
| 17 | The evaluation of basic fibroblast growth factor and fibroblastic growth factor receptor 1 levels in saliva and serum of patients with salivary gland tumor. <i>DNA and Cell Biology</i> , <b>2012</b> , 31, 520-3  | 3.6 | 7 |
| 16 | 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. <i>PLoS ONE</i> , <b>2018</b> , 13, e0208981   | 3.7 | 7 |
| 15 | Interferon- $\beta$ potentiates GABA receptor-mediated inhibitory currents in rat hippocampal CA1 pyramidal neurons. <i>Journal of Neuroimmunology</i> , <b>2019</b> , 337, 577050  | 3.5 | 6 |
| 14 | Ototoxicity on cochlear nucleus neurons following systemic application of gentamicin. <i>Acta Oto-Laryngologica</i> , <b>2009</b> , 129, 745-8  | 1.6 | 6 |
| 13 | Depression, GABA, and Age Correlate with Plasma Levels of Inflammatory Markers. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,  | 6.3 | 5 |
| 12 | Ataxia in Patients With Bi-Allelic Mutations and Absence of Full-Length NF186. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 896   | 4.5 | 4 |
| 11 | Tonic GABA-activated synaptic and extrasynaptic currents in dentate gyrus granule cells and CA3 pyramidal neurons along the mouse hippocampal dorsoventral axis. <i>Hippocampus</i> , <b>2020</b> , 30, 1146-1157   | 3.5 | 3 |
| 10 | GABA-activated single-channel and tonic currents in rat brain slices. <i>Journal of Visualized Experiments</i> , <b>2011</b> ,  | 1.6 | 3 |
| 9  | Congenital unilateral pulmonary malformation misdiagnosed as bronchial foreign body: a review of 14 cases. <i>Acta Oto-Laryngologica</i> , <b>2010</b> , 130, 971-6   | 1.6 | 3 |
| 8  | Increased Alcohol Consumption in Mice Lacking Sodium Bicarbonate Transporter NBCn1. <i>Scientific Reports</i> , <b>2020</b> , 10, 11017   | 4.9 | 3 |
| 7  | Insulin differentially modulates GABA signalling in hippocampal neurons and, in an age-dependent manner, normalizes GABA-activated currents in the tg-APP <sup>Swe</sup> mouse model of Alzheimer's disease. <i>Acta Physiologica</i> , <b>2021</b> , 232, e13623 | 5.6 | 3 |
| 6  | Neocortex- and hippocampus-specific deletion of Gabrg2 causes temperature-dependent seizures in mice. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 553   | 9.8 | 3 |
| 5  | Continuous High Frequency Deep Brain Stimulation of the Rat Anterior Insula Attenuates the Relapse Post Withdrawal and Strengthens the Extinction of Morphine Seeking. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 577155                                  | 5   | 2 |
| 4  | Monoallelic and bi-allelic variants in NCDN cause neurodevelopmental delay, intellectual disability, and epilepsy. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 739-748   | 11  | 1 |
| 3  | GABA Is an Effective Immunomodulatory Molecule in the Brain and in the Periphery <b>2012</b> , 163-173  |     |   |
| 2  | Anatomic study of maximum intensity projection of the membranous labyrinth and the internal auditory meatus - MRI scan in 16 Chinese adults. <i>Acta Oto-Laryngologica</i> , <b>2007</b> , 127, 1150-6  | 1.6 |   |

- 1 Do All Roads Lead to Rome? Genes Causing Dravet Syndrome and Dravet Syndrome-Like Phenotypes.. *Frontiers in Neurology*, **2022**, 13, 832380 4.1