

Feng Guo

List of Publications by Year in descending order

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62
papers

1,060
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471509

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501196

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docs citations

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times ranked

1429
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hexachloronaphthalene (HxCN) impairs the dopamine pathway in an in vitro model of PC12 cells. <i>Chemosphere</i> , 2022, 287, 132284. | 8.2 | 6 |
| 2 | Stimulating TRPM7 suppresses cancer cell proliferation and metastasis by inhibiting autophagy. <i>Cancer Letters</i> , 2022, 525, 179-197. | 7.2 | 14 |
| 3 | Autophagy inhibition mediated by MCOLN1/TRPML1 suppresses cancer metastasis via regulating a ROS-driven TP53/p53 pathway. <i>Autophagy</i> , 2022, 18, 1932-1954. | 9.1 | 43 |
| 4 | Blunting TRPML1 channels protects myocardial ischemia/reperfusion injury by restoring impaired cardiomyocyte autophagy. <i>Basic Research in Cardiology</i> , 2022, 117, 20. | 5.9 | 28 |
| 5 | Mechanism of cell death pathways in status epilepticus and related therapeutic agents. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112875. | 5.6 | 14 |
| 6 | Legumain protease-activated tuftsin-functionalized nanoparticles for dual-targeting TAMs and cancer chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111442. | 5.0 | 12 |
| 7 | Properties of Calmodulin Binding to NaV1.2 IQ Motif and Its Autism-Associated Mutation R1902C. <i>Neurochemical Research</i> , 2021, 46, 523-534. | 3.3 | 3 |
| 8 | Crosstalk among Calcium ATPases: PMCA, SERCA and SPCA in Mental Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2785. | 4.1 | 9 |
| 9 | Legumain protease-sheddable PEGylated, tuftsin-modified nanoparticles for selective targeting to tumor-associated macrophages. <i>Journal of Drug Targeting</i> , 2021, , 1-25. | 4.4 | 9 |
| 10 | MCOLN1/TRPML1 finely controls oncogenic autophagy in cancer by mediating zinc influx. <i>Autophagy</i> , 2021, 17, 4401-4422. | 9.1 | 29 |
| 11 | Nasal Delivery of D-Penicillamine Hydrogel Upregulates a Disintegrin and Metalloprotease 10 Expression via Melatonin Receptor 1 in Alzheimer's Disease Models. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 660249. | 3.4 | 7 |
| 12 | The Role of G Protein-Coupled Receptors (GPCRs) and Calcium Signaling in Schizophrenia. Focus on GPCRs Activated by Neurotransmitters and Chemokines. <i>Cells</i> , 2021, 10, 1228. | 4.1 | 25 |
| 13 | Cell death modulation by transient receptor potential melastatin channels TRPM2 and TRPM7 and their underlying molecular mechanisms. <i>Biochemical Pharmacology</i> , 2021, 190, 114664. | 4.4 | 12 |
| 14 | Circulating glutathione peroxidase and superoxide dismutase levels in patients with epilepsy: A meta-analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 278-286. | 2.0 | 14 |
| 15 | Calcium-/Calmodulin-Dependent Protein Kinase II (CaMKII) Inhibition Induces Learning and Memory Impairment and Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19. | 4.0 | 14 |
| 16 | The changes of serum zinc, copper, and selenium levels in epileptic patients: a systematic review and meta-analysis. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 1047-1058. | 3.1 | 9 |
| 17 | A bibliometric analysis and review of recent researches on TRPM7. <i>Channels</i> , 2020, 14, 203-215. | 2.8 | 17 |
| 18 | Hexachloronaphthalene Induces Mitochondrial-Dependent Neurotoxicity via a Mechanism of Enhanced Production of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 1-17. | 4.0 | 2 |

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|----|---|-----|-----------|
| 19 | Enhanced oral absorption of insulin using colon-specific nanoparticles co-modified with amphiphilic chitosan derivatives and cell-penetrating peptides. <i>Biomaterials Science</i> , 2019, 7, 1493-1506. | 5.4 | 47 |
| 20 | Enhanced storage stability of solid lipid nanoparticles by surface modification of comb-shaped amphiphilic inulin derivatives. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 369-378. | 5.0 | 13 |
| 21 | Bioassay-guided isolation of antioxidant and α -glucosidase inhibitory constituents from stem of <i>Vigna angularis</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 312-320. | 4.1 | 10 |
| 22 | Abnormal changes in voltage-gated sodium channels subtypes Na V 1.1, Na V 1.2, Na V 1.3, Na V 1.6 and CaM/CaMKII pathway in low-grade astrocytoma. <i>Neuroscience Letters</i> , 2018, 674, 148-155. | 2.1 | 7 |
| 23 | Bibliometric analysis of recent sodium channel research. <i>Channels</i> , 2018, 12, 311-325. | 2.8 | 15 |
| 24 | The Effect of Ca ²⁺ , Lobe-Specificity, and CaMKII on CaM Binding to NaV1.1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2495. | 4.1 | 5 |
| 25 | Vitamin E-based redox-sensitive salinomycin prodrug-nanosystem with paclitaxel loaded for cancer targeted and combined chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 506-516. | 5.0 | 17 |
| 26 | Decreased intracellular [Ca ²⁺] coincides with reduced expression of Dhpr α 1s, RyR1, and diaphragmatic dysfunction in a rat model of sepsis. <i>Muscle and Nerve</i> , 2017, 56, 1128-1136. | 2.2 | 3 |
| 27 | Astragaloside IV Inhibits Membrane Ca ²⁺ Current but Enhances Sarcoplasmic Reticulum Ca ²⁺ Release. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 863-877. | 3.8 | 5 |
| 28 | Eudragit S100-Coated Chitosan Nanoparticles Co-loading Tat for Enhanced Oral Colon Absorption of Insulin. <i>AAPS PharmSciTech</i> , 2017, 18, 1277-1287. | 3.3 | 55 |
| 29 | Glutamate Deregulation in Ketamine-Induced Psychosis: A Potential Role of PSD95, NMDA Receptor and PMCA Interaction. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 181. | 3.7 | 27 |
| 30 | Metabolism and Metabolic Inhibition of Xanthotoxol in Human Liver Microsomes. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-8. | 1.2 | 3 |
| 31 | The different metabolism of morusin in various species and its potent inhibition against UDP-glucuronosyltransferase (UGT) and cytochrome p450 (CYP450) enzymes. <i>Xenobiotica</i> , 2016, 46, 467-476. | 1.1 | 26 |
| 32 | Enhanced oral bioavailability of insulin using PLGA nanoparticles co-modified with cell-penetrating peptides and Engrailed secretion peptide (Sec). <i>Drug Delivery</i> , 2016, 23, 1980-1991. | 5.7 | 49 |
| 33 | Aberrant changes of somatostatin and neuropeptide Y in brain of a genetic rat model for epilepsy: tremor rat. <i>Acta Neurobiologiae Experimentalis</i> , 2016, 76, 165-175. | 0.7 | 6 |
| 34 | Abnormal alterations in the Ca ²⁺ /CaV1.2/calmodulin/caMKII signaling pathway in a tremor rat model and in cultured hippocampal neurons exposed to Mg ²⁺ -free solution. <i>Molecular Medicine Reports</i> , 2015, 12, 6663-6671. | 2.4 | 4 |
| 35 | Mg ²⁺ -dependent facilitation and inactivation of L-type Ca ²⁺ channels in guinea pig ventricular myocytes. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 143-149. | 2.5 | 14 |
| 36 | Molecular cloning and expression of the calmodulin gene from guinea pig hearts. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 2311-2318. | 1.8 | 0 |

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|----|---|-----|-----------|
| 37 | Nucleotides maintain the activity of Cav1.2 channels in guinea-pig ventricular myocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 813-818. | 2.1 | 3 |
| 38 | Electrophysiological effect and the gating mechanism of astragaloside IV on I-type Ca ²⁺ channels of guinea-pig ventricular myocytes. <i>European Journal of Pharmacology</i> , 2015, 760, 27-35. | 3.5 | 6 |
| 39 | Nonylphenol affects myocardial contractility and L-type Ca ²⁺ channel currents in a non-monotonic manner via G protein-coupled receptor 30. <i>Toxicology</i> , 2015, 334, 122-129. | 4.2 | 22 |
| 40 | Low-Mg ²⁺ treatment increases sensitivity of voltage-gated Na ⁺ channels to Ca ²⁺ /calmodulin-mediated modulation in cultured hippocampal neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C594-C605. | 4.6 | 8 |
| 41 | The Ca ²⁺ -dependent interaction of calpastatin domain L with the C-terminal tail of the Cav1.2 channel. <i>FEBS Letters</i> , 2014, 588, 665-671. | 2.8 | 15 |
| 42 | The individual N- and C-lobes of calmodulin tether to the Cav1.2 channel and rescue the channel activity from run-down in ventricular myocytes of guinea-pig heart. <i>FEBS Letters</i> , 2014, 588, 3855-3861. | 2.8 | 14 |
| 43 | Dynamic Alterations in the Ca ^v 1.2/CaM/CaMKII Signaling Pathway in the Left Ventricular Myocardium of Ischemic Rat Hearts. <i>DNA and Cell Biology</i> , 2014, 33, 282-290. | 1.9 | 7 |
| 44 | Altered expression of neuropeptide Y, Y1 and Y2 receptors, but not Y5 receptor, within hippocampus and temporal lobe cortex of tremor rats. <i>Neuropeptides</i> , 2014, 48, 97-105. | 2.2 | 8 |
| 45 | Expression of neonatal Nav1.5 in human brain astrocytoma and its effect on proliferation, invasion and apoptosis of astrocytoma cells. <i>Oncology Reports</i> , 2014, 31, 2692-2700. | 2.6 | 33 |
| 46 | Lobe-related concentration- and Ca ²⁺ -dependent interactions of calmodulin with C- and N-terminal tails of the Cav1.2 channel. <i>Journal of Physiological Sciences</i> , 2013, 63, 345-353. | 2.1 | 12 |
| 47 | Peripheral blood CD40 ⁺ CD40L expression in human breast cancer. <i>Irish Journal of Medical Science</i> , 2013, 182, 719-721. | 1.5 | 11 |
| 48 | Nonylphenol, an environmental estrogen, affects voltage-gated K ⁺ currents and L-type Ca ²⁺ currents in a non-monotonic manner in GH3 pituitary cells. <i>Toxicology Letters</i> , 2013, 218, 137-143. | 0.8 | 9 |
| 49 | Abnormal changes in voltage-gated sodium channels Nav1.1, Nav1.2, Nav1.3, Nav1.6 and in calmodulin/calmodulin-dependent protein kinase II, within the brains of spontaneously epileptic rats and tremor rats. <i>Brain Research Bulletin</i> , 2013, 96, 1-9. | 3.0 | 25 |
| 50 | The up-regulation of voltage-gated sodium channels subtypes coincides with an increased sodium current in hippocampal neuronal culture model. <i>Neurochemistry International</i> , 2013, 62, 287-295. | 3.8 | 18 |
| 51 | The alterations of Ca ²⁺ /calmodulin/CaMKII/Cav1.2 signaling in experimental models of Alzheimer's disease and vascular dementia. <i>Neuroscience Letters</i> , 2013, 538, 60-65. | 2.1 | 57 |
| 52 | Acylated ghrelin protects hippocampal neurons in pilocarpine-induced seizures of immature rats by inhibiting cell apoptosis. <i>Molecular Biology Reports</i> , 2013, 40, 51-58. | 2.3 | 27 |
| 53 | Expression of co-stimulators CD28/B7-1 in peripheral blood of patients with breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 136, 621-622. | 2.5 | 4 |
| 54 | Donepezil attenuates hippocampal neuronal damage and cognitive deficits after global cerebral ischemia in gerbils. <i>Neuroscience Letters</i> , 2012, 510, 29-33. | 2.1 | 49 |

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|----|--|-----|-----------|
| 55 | Simultaneously changes in striatum dopaminergic and glutamatergic parameters following hypoxic-ischemic neuronal injury in newborn piglets. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 271-278. | 1.6 | 5 |
| 56 | RP-LC with Fluorescence Detection of Amino Acids in Rat Brain Synaptosomes. <i>Chromatographia</i> , 2011, 73, 157-163. | 1.3 | 6 |
| 57 | Calmodulin- and Ca ²⁺ -Dependent Facilitation and Inactivation of the CaV1.2 Ca ²⁺ Channels in Guinea-Pig Ventricular Myocytes. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 310-319. | 2.5 | 32 |
| 58 | Up-regulation of GABA transporters and GABA _A receptor $\alpha 1$ subunit in tremor rat hippocampus. <i>Neuroscience Letters</i> , 2010, 486, 150-155. | 2.1 | 16 |
| 59 | Abnormal expressions of glutamate transporters and metabotropic glutamate receptor 1 in the spontaneously epileptic rat hippocampus. <i>Brain Research Bulletin</i> , 2010, 81, 510-516. | 3.0 | 39 |
| 60 | Both N- and C-lobes of calmodulin are required for Ca ²⁺ -dependent regulations of CaV1.2 Ca ²⁺ channels. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1170-1176. | 2.1 | 11 |
| 61 | Voltage-gated sodium channel Nav1.1, Nav1.3 and $\beta 1$ subunit were up-regulated in the hippocampus of spontaneously epileptic rat. <i>Brain Research Bulletin</i> , 2008, 75, 179-187. | 3.0 | 50 |
| 62 | Early Developmental PMCA2b Expression Protects From Ketamine-Induced Apoptosis and GABA Impairments in Differentiating Hippocampal Progenitor Cells. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, | 3.7 | 0 |