

# Feng Guo

## List of Publications by Year in descending order

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62  
papers

1,060  
citations

471509

17  
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501196

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66  
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66  
docs citations

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times ranked

1429  
citing authors

#	ARTICLE	IF	CITATIONS
1	The alterations of Ca <sup>2+</sup> /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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Calmodulin- and Ca <sup>2+</sup> -Dependent Facilitation and Inactivation of the CaV1.2 Ca <sup>2+</sup> Channels in Guinea-Pig Ventricular Myocytes. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 310-319.	2.5	32
11	MCOLN1/TRPML1 finely controls oncogenic autophagy in cancer by mediating zinc influx. <i>Autophagy</i> , 2021, 17, 4401-4422.	9.1	29
12	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
13	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
14	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
15	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
16	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
17	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
18	Nonylphenol affects myocardial contractility and L-type Ca <sup>2+</sup> channel currents in a non-monotonic manner via G protein-coupled receptor 30. <i>Toxicology</i> , 2015, 334, 122-129.	4.2	22

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19	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
20	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
21	A bibliometric analysis and review of recent researches on TRPM7. <i>Channels</i> , 2020, 14, 203-215.	2.8	17
22	Up-regulation of GABA transporters and GABAA receptor $\alpha 1$ subunit in tremor rat hippocampus. <i>Neuroscience Letters</i> , 2010, 486, 150-155.	2.1	16
23	The Ca <sup>2+</sup> -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
24	Bibliometric analysis of recent sodium channel research. <i>Channels</i> , 2018, 12, 311-325.	2.8	15
25	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
26	Mg <sup>2+</sup> -dependent facilitation and inactivation of L-type Ca <sup>2+</sup> channels in guinea pig ventricular myocytes. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 143-149.	2.5	14
27	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
28	Stimulating TRPM7 suppresses cancer cell proliferation and metastasis by inhibiting autophagy. <i>Cancer Letters</i> , 2022, 525, 179-197.	7.2	14
29	Mechanism of cell death pathways in status epilepticus and related therapeutic agents. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112875.	5.6	14
30	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
31	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
32	Lobe-related concentration- and Ca <sup>2+</sup> -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
33	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
34	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
35	Both N- and C-lobes of calmodulin are required for Ca <sup>2+</sup> -dependent regulations of Cav1.2 Ca <sup>2+</sup> channels. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1170-1176.	2.1	11
36	Peripheral blood CD40 expression in human breast cancer. <i>Irish Journal of Medical Science</i> , 2013, 182, 719-721.	1.5	11

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37	Bioassay-guided isolation of antioxidant and $\alpha$ -glucosidase inhibitory constituents from stem of <i>Vigna angularis</i> . <i>Bioorganic Chemistry</i> , 2019, 87, 312-320.	4.1	10
38	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
39	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
40	Crosstalk among Calcium ATPases: PMCA, SERCA and SPCA in Mental Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2785.	4.1	9
41	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
42	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
43	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
44	Dynamic Alterations in the $Ca^{2+}$ /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
45	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
46	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
47	RP-LC with Fluorescence Detection of Amino Acids in Rat Brain Synaptosomes. <i>Chromatographia</i> , 2011, 73, 157-163.	1.3	6
48	Electrophysiological effect and the gating mechanism of astragaloside IV on L-type $Ca^{2+}$ channels of guinea-pig ventricular myocytes. <i>European Journal of Pharmacology</i> , 2015, 760, 27-35.	3.5	6
49	Hexachloronaphthalene (HxCN) impairs the dopamine pathway in an in vitro model of PC12 cells. <i>Chemosphere</i> , 2022, 287, 132284.	8.2	6
50	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
51	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
52	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
53	The Effect of $Ca^{2+}$ , Lobe-Specificity, and CaMKII on CaM Binding to $Na^+ V_{1.1}$ . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2495.	4.1	5
54	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

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55	Abnormal alterations in the Ca <sup>2+</sup> /CaV1.2/calmodulin/caMKII signaling pathway in a tremor rat model and in cultured hippocampal neurons exposed to Mg <sup>2+</sup> -free solution. <i>Molecular Medicine Reports</i> , 2015, 12, 6663-6671.	2.4	4
56	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
57	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
58	Decreased intracellular [Ca <sup>2+</sup> ] coincides with reduced expression of Dhpr <sup>±</sup> 1s, RyR1, and diaphragmatic dysfunction in a rat model of sepsis. <i>Muscle and Nerve</i> , 2017, 56, 1128-1136.	2.2	3
59	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
60	Hexachloronaphthalene Induces Mitochondrial-Dependent Neurotoxicity via a Mechanism of Enhanced Production of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	4.0	2
61	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
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