Zhong-Ping Feng

List of Publications by Year
in descending order

76	2,639	159585	206112
papers	citations	30 h-index	48 g-index

80	80	80	3617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Long non-coding RNAs in ischemic stroke. Cell Death and Disease, 2018, 9, 281.	6.3	230
2	Smartphone-Based Blood Pressure Measurement Using Transdermal Optical Imaging Technology. Circulation: Cardiovascular Imaging, 2019, 12, e008857.	2.6	137
3	Intravenously Administered Bone Marrow Cells Migrate to Damaged Brain Tissue and Improve Neural Function in Ischemic Rats. Cell Transplantation, 2007, 16, 993-1005.	2.5	125
4	GABA Promotes Human Î²-Cell Proliferation and Modulates Glucose Homeostasis. Diabetes, 2014, 63, 4197-4205.	0.6	125
5	Ginsenoside Rg1 protects against ischemic/reperfusion-induced neuronal injury through miR-144/Nrf2/ARE pathway. Acta Pharmacologica Sinica, 2019, 40, 13-25.	6.1	110
6	Inhibition of TRPM7 by carvacrol suppresses glioblastoma cell proliferation, migration and invasion. Oncotarget, 2015, 6, 16321-16340.	1.8	107
7	TRPM7 inhibitor carvacrol protects brain from neonatal hypoxic-ischemic injury. Molecular Brain, 2015, 8, 11.	2.6	106
8	Calcium Channel Structural Determinants of Synaptic Transmission between Identified Invertebrate Neurons. Journal of Biological Chemistry, 2003, 278, 4258-4267.	3.4	88
9	The Nerve Growth Factor Signaling and Its Potential as Therapeutic Target for Glaucoma. BioMed Research International, 2014, 2014, 1-10.	1.9	64
10	Neuronal KATP channels mediate hypoxic preconditioning and reduce subsequent neonatal hypoxicâ€“ischemic brain injury. Experimental Neurology, 2015, 263, 161-171.	4.1	59
11	Neuronal Ryanodine Receptors in Development and Aging. Molecular Neurobiology, 2018, 55, 1183-1192.	4.0	58
12	Cerebrovascular Safety of Sulfonylureas: The Role of KATP Channels in Neuroprotection and the Risk of Stroke in Patients With Type 2 Diabetes. Diabetes, 2016, 65, 2795-2809.	0.6	56
13	The role of KATP channels in cerebral ischemic stroke and diabetes. Acta Pharmacologica Sinica, 2018, 39, 683-694.	6.1	55
14	Neuronal calcium sensor-1 modulation of optimal calcium level for neurite outgrowth. Development (Cambridge), 2007, 134, 4479-4489.	2.5	54
15	TRPM7 Regulates Axonal Outgrowth and Maturation of Primary Hippocampal Neurons. Molecular Neurobiology, 2016, 53, 595-610.	4.0	52
16	Xyloketal B Suppresses Glioblastoma Cell Proliferation and Migration in Vitro through Inhibiting TRPM7-Regulated PI3K/Akt and MEK/ERK Signaling Pathways. Marine Drugs, 2015, 13, 2505-2525.	4.6	51
17	A Sodium Leak Current Regulates Pacemaker Activity of Adult Central Pattern Generator Neurons in Lymnaea Stagnalis. PLoS ONE, 2011, 6, e18745.	2.5	50
18	Forkhead box O transcription factors as possible mediators in the development of major depression. Neuropharmacology, 2015, 99, 527-537.	4.1	50

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19	Zn2+ Sensitivity of High- and Low-Voltage Activated Calcium Channels. Biophysical Journal, 2007, 93, 1175-1183.	0.5	48
20	Transient receptor potential melastatin 2 channels (TRPM2) mediate neonatal hypoxic-ischemic brain injury in mice. Experimental Neurology, 2017, 296, 32-40.	4.1	46
21	Marine Compound Xyloketal B Reduces Neonatal Hypoxic-Ischemic Brain Injury. Marine Drugs, 2015, 13, 29-47.	4.6	44
22	Doxorubicin chemotherapy-induced â€œchemo-brainâ€• Meta-analysis. European Journal of Pharmacology, 2020, 881, 173078.	3.5	44
23	Meta-Analysis of Serum Insulin-Like Growth Factor 1 in Alzheimerâ€™s Disease. PLoS ONE, 2016, 11, e0155733.	2.5	42
24	IGF-1 Signaling via the PI3K/Akt Pathway Confers Neuroprotection in Human Retinal Pigment Epithelial Cells Exposed to Sodium Nitroprusside Insult. Journal of Molecular Neuroscience, 2015, 55, 931-940.	2.3	41
25	Microvascular Alterations in Alzheimer's Disease. Frontiers in Cellular Neuroscience, 2020, 14, 618986.	3.7	41
26	Tideglusib, a chemical inhibitor of GSK3Î², attenuates hypoxic-ischemic brain injury in neonatal mice. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2076-2085.	2.4	40
27	Activation of TRPM7 by naltriben enhances migration and invasion of glioblastoma cells. Oncotarget, 2017, 8, 11239-11248.	1.8	36
28	Neuroprotective Effects of a PSD-95 Inhibitor in Neonatal Hypoxic-Ischemic Brain Injury. Molecular Neurobiology, 2016, 53, 5962-5970.	4.0	35
29	Expression and Modulation of an Invertebrate Presynaptic Calcium Channel Î±1 Subunit Homolog. Journal of Biological Chemistry, 2003, 278, 21178-21187.	3.4	33
30	<scp>GSK</scp>â€šÎ² inhibitor <scp>TDZD</scp>â€8 reduces neonatal hypoxicâ€šischemic brain injury in mice. CNS Neuroscience and Therapeutics, 2017, 23, 405-415.	3.9	33
31	Development of Ca2+hotspots betweenLymnaeaneurons during synaptogenesis. Journal of Physiology, 2002, 539, 53-65.	2.9	32
32	TRPM7 Mediates Neuronal Cell Death Upstream of Calcium/Calmodulin-Dependent Protein Kinase II and Calcineurin Mechanism in Neonatal Hypoxic-Ischemic Brain Injury. Translational Stroke Research, 2021, 12, 164-184.	4.2	31
33	Swellingâ€induced chloride current in glioblastoma proliferation, migration, and invasion. Journal of Cellular Physiology, 2018, 233, 363-370.	4.1	30
34	Animal models for neonatal brain injury induced by hypoxic ischemic conditions in rodents. Experimental Neurology, 2020, 334, 113457.	4.1	30
35	The role of synaptotagmin I C2A calcium-binding domain in synaptic vesicle clustering during synapse formation. Journal of Physiology, 2007, 581, 75-90.	2.9	23
36	Combined measurement of plasma cystatin C and low-density lipoprotein cholesterol: A valuable tool for evaluating progressive supranuclear palsy. Parkinsonism and Related Disorders, 2018, 52, 37-42.	2.2	23

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37	Identification of key genes in ruptured atherosclerotic plaques by weighted gene correlation network analysis. Scientific Reports, 2020, 10, 10847.	3.3	23
38	Target cell contact suppresses neurite outgrowth from soma-soma pairedLymnaea neurons. , 2000, 42, 357-369.		21
39	Role of TRPM7 kinase in cancer. Cell Calcium, 2021, 96, 102400.	2.4	21
40	Meta-Analysis on the Association between Brain-Derived Neurotrophic Factor Polymorphism rs6265 and Ischemic Stroke, Poststroke Depression. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 1599-1608.	1.6	20
41	TRPM2â€AS inhibits the growth, migration, and invasion of gliomas through JNK, câ€Jun, and RGS4. Journal of Cellular Physiology, 2020, 235, 4594-4604.	4.1	19
42	Neuronal chemokine-like-factor 1 (CKLF1) up-regulation promotes M1 polarization of microglia in rat brain after stroke. Acta Pharmacologica Sinica, 2022, 43, 1217-1230.	6.1	19
43	NCSâ€1 differentially regulates growth cone and somata calcium channels in Lymnaea neurons. European Journal of Neuroscience, 2008, 27, 631-643.	2.6	18
44	Role of Clâ¯ channels in primary brain tumour. Cell Calcium, 2019, 81, 1-11.	2.4	17
45	Current Understanding of the Role of Neuronal Calcium Sensor 1 in Neurological Disorders. Molecular Neurobiology, 2019, 56, 6080-6094.	4.0	17
46	Neuroprotective Effects of AG490 in Neonatal Hypoxic-Ischemic Brain Injury. Molecular Neurobiology, 2019, 56, 8109-8123.	4.0	16
47	Drug development in targeting ion channels for brain edema. Acta Pharmacologica Sinica, 2020, 41, 1272-1288.	6.1	16
48	Blockade of the swelling-induced chloride current attenuates the mouse neonatal hypoxic-ischemic brain injury in vivo. Acta Pharmacologica Sinica, 2018, 39, 858-865.	6.1	15
49	Caltubin, a Novel Molluscan Tubulin-Interacting Protein, Promotes Axonal Growth and Attenuates Axonal Degeneration of Rodent Neurons. Journal of Neuroscience, 2011, 31, 15231-15244.	3.6	14
50	Marine Compound Xyloketal B as a Potential Drug Development Target for Neuroprotection. Marine Drugs, 2018, 16, 516.	4.6	14
51	Transcription Factor 2I Regulates Neuronal Development via TRPC3 in 7q11.23 Disorder Models. Molecular Neurobiology, 2019, 56, 3313-3325.	4.0	13
52	Waixenicin A, a marine-derived TRPM7 inhibitor: a promising CNS drug lead. Acta Pharmacologica Sinica, 2020, 41, 1519-1524.	6.1	12
53	Inhibition of TRPM7 with waixenicin A reduces glioblastoma cellular functions. Cell Calcium, 2020, 92, 102307.	2.4	12
54	Smartphones and Video Cameras: Future Methods for Blood Pressure Measurement. Frontiers in Digital Health, 2021, 3, 770096.	2.8	11

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55	Inhibition of TRPM7 with carvacrol suppresses glioblastoma functions in vivo. European Journal of Neuroscience, 2022, 55, 1483-1491.	2.6	11
56	Role of TRPM2 in brain tumours and potential as a drug target. Acta Pharmacologica Sinica, 2022, 43, 759-770.	6.1	10
57	Ion channel profiling of the Lymnaea stagnalis ganglia via transcriptome analysis. BMC Genomics, 2021, 22, 18.	2.8	8
58	Xyloketal B: A marine compound with medicinal potential. , 2022, 230, 107963.		7
59	Inhibition of TRPM2 by AG490 Is Neuroprotective in a Parkinsonâ€™s Disease Animal Model. Molecular Neurobiology, 2022, 59, 1543-1559.	4.0	7
60	Dopamine-mediated calcium channel regulation in synaptic suppression in L. stagnalis interneurons. Channels, 2018, 12, 153-173.	2.8	6
61	Stress Determined through Heart Rate Variability Predicts Immune Function. NeuroImmunoModulation, 2019, 26, 167-173.	1.8	6
62	Modulators of TRPM7 and its potential as a drug target for brain tumours. Cell Calcium, 2022, 101, 102521.	2.4	6
63	Ryanodine receptor inhibitor dantrolene reduces hypoxic-ischemic brain injury in neonatal mice. Experimental Neurology, 2022, 351, 113985.	4.1	6
64	Waist circumference prediction for epidemiological research using gradient boosted trees. BMC Medical Research Methodology, 2021, 21, 47.	3.1	5
65	Pyk2 inhibition attenuates hypoxic-ischemic brain injury in neonatal mice. Acta Pharmacologica Sinica, 2022, 43, 797-810.	6.1	5
66	NLRP3 Inflammasome: A Potential Target in Isoflurane Pretreatment Alleviates Stroke-Induced Retinal Injury in Diabetes. Frontiers in Cellular Neuroscience, 2021, 15, 697449.	3.7	5
67	Phosphatidylinositol 4,5-biphosphate (PIP2) modulates syntaxin-1A binding to sulfonylurea receptor 2A to regulate cardiac ATP-sensitive potassium (KATP) channels. Journal of Molecular and Cellular Cardiology, 2014, 75, 100-110.	1.9	4
68	Differential Roles of the Mevalonate Pathway in the Development and Survival of Mouse Purkinje Cells in Culture. Molecular Neurobiology, 2015, 51, 1116-1129.	4.0	4
69	Inverse Relationship between Basal Pacemaker Neuron Activity and Aversive Long-Term Memory Formation in Lymnaea stagnalis. Frontiers in Cellular Neuroscience, 2017, 10, 297.	3.7	4
70	MEN1 Tumor Suppressor Gene is Required for Long-term Memory Formation in an Aversive Operant Conditioning Model of Lymnaea stagnalis. Neuroscience, 2018, 379, 22-31.	2.3	4
71	Importance of general adiposity, visceral adiposity and vital signs in predicting blood biomarkers using machine learning. International Journal of Clinical Practice, 2021, 75, e13664.	1.7	4
72	Glutamate Attenuates the Survival Property of IGFR through NR2B Containing N-Methyl-D-aspartate Receptors in Cortical Neurons. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	4.0	3

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73	Potential Impact of the 2017 High Blood Pressure Guideline Beyond the United States: A Case Study of the Peopleâ€™s Republic of China. American Journal of Hypertension, 2020, 33, 846-851.	2.0	3
74	AD-16 Protects Against Hypoxic-Ischemic Brain Injury by Inhibiting Neuroinflammation. Neuroscience Bulletin, 2022, , 1.	2.9	3
75	NCS-1 differentially regulates growth cone and somata calcium channels in Lymnaea neurons. European Journal of Neuroscience, 2008, 27, 2211-2211.	2.6	0
76	Physical Features and Vital Signs Predict Serum Albumin and Globulin Concentrations Using Machine Learning. Asian Pacific Journal of Cancer Prevention, 2021, 22, 333-340.	1.2	0