

# Feng Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,422  
citations

377584

21  
h-index

406436

35  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2630  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Oxidative Stress in Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	49
2	Targeting Transcription Factor Nrf2 (Nuclear Factor Erythroid 2-Related Factor 2) for the Intervention of Vascular Cognitive Impairment and Dementia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 97-116.	1.1	11
3	The Anti-apoptosis Effect of Single Electroacupuncture Treatment via Suppressing Neuronal Autophagy in the Acute Stage of Ischemic Stroke Without Infarct Alleviation. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 633280.	1.8	11
4	Identification of Jmjd3 as an Essential Epigenetic Regulator of Hox Gene Temporal Collinear Activation for Body Axial Patterning in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 642931.	1.8	0
5	The Beneficial Role of Exercise on Treating Alzheimer's Disease by Inhibiting $\beta$ -Amyloid Peptide. <i>Molecular Neurobiology</i> , 2021, 58, 5890-5906.	1.9	12
6	Genetic alterations in cell cycle regulation-associated genes may promote primary progression of gastrointestinal stromal tumors. <i>Laboratory Investigation</i> , 2020, 100, 426-437.	1.7	6
7	Intervertebral disc ageing and degeneration: The antiapoptotic effect of oestrogen. <i>Ageing Research Reviews</i> , 2020, 57, 100978.	5.0	188
8	Silencing UHRF1 enhances cell autophagy to prevent articular chondrocytes from apoptosis in osteoarthritis through PI3K/AKT/mTOR signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 1018-1024.	1.0	17
9	The Therapeutic Effect of Electroacupuncture Therapy for Ischemic Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	14
10	Isocitrate dehydrogenase 1 mutation enhances 24(S)-hydroxycholesterol production and alters cholesterol homeostasis in glioma. <i>Oncogene</i> , 2020, 39, 6340-6353.	2.6	19
11	Electroacupuncture Inhibits Neuronal Autophagy and Apoptosis via the PI3K/AKT Pathway Following Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 134.	1.8	56
12	Wild-Type IDH1 and Mutant IDH1 Opposingly Regulate Podoplanin Expression in Glioma. <i>Translational Oncology</i> , 2020, 13, 100758.	1.7	14
13	The benefits and mechanisms of exercise training for Parkinson's disease. <i>Life Sciences</i> , 2020, 245, 117345.	2.0	92
14	Disruption of Jmjd3/p16Ink4a Signaling Pathway Causes Bizarre Parosteal Osteochondromatous Proliferation (BPOP)-like Lesion in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1931-1941.	3.1	2
15	Resveratrol protects against apoptosis induced by interleukin-1 $\beta$ in nucleus pulposus cells via activating mTOR/caspase-3 and GSK-3 $\beta$ /caspase-3 pathways. <i>Bioscience Reports</i> , 2020, 40, .	1.1	5
16	17 $\beta$ -Estradiol protects against interleukin-1 $\beta$ -induced apoptosis in rat nucleus pulposus cells via the mTOR/caspase-3 pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 1523-1530.	1.1	15
17	Plin3 protects against alcoholic liver injury by facilitating lipid export from the endoplasmic reticulum. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16075-16087.	1.2	18
18	Isocitrate dehydrogenase1 mutation reduces the pericyte coverage of microvessels in astrocytic tumours. <i>Journal of Neuro-Oncology</i> , 2019, 143, 187-196.	1.4	12

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19	Association between BRCA1 polymorphisms rs799917 and rs1799966 and breast cancer risk: a meta-analysis. <i>Journal of International Medical Research</i> , 2019, 47, 1409-1416.	0.4	6
20	ING5 inhibits lung cancer invasion and epithelialâ€mesenchymal transition by inhibiting the WNT/Î²â€catenin pathway. <i>Thoracic Cancer</i> , 2019, 10, 848-855.	0.8	25
21	Mutation of IDH1 aggravates the fatty acidâ€induced oxidative stress in HCT116 cells by affecting the mitochondrial respiratory chain. <i>Molecular Medicine Reports</i> , 2019, 19, 2509-2518.	1.1	5
22	The beneficial roles of exercise training via autophagy in neurological diseases and possible mechanisms. <i>Life Sciences</i> , 2019, 221, 130-134.	2.0	7
23	The beneficial role of early exercise training following stroke and possible mechanisms. <i>Life Sciences</i> , 2018, 198, 32-37.	2.0	34
24	Mechanisms Involved in the Neuroprotection of Electroacupuncture Therapy for Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2018, 12, 929.	1.4	39
25	Autophagy defects and related genetic variations in renal cell carcinoma with eosinophilic cytoplasmic inclusions. <i>Scientific Reports</i> , 2018, 8, 9972.	1.6	19
26	Electroacupuncture Alleviated Neuronal Apoptosis Following Ischemic Stroke in Rats via Midkine and ERK/JNK/p38 Signaling Pathway. <i>Journal of Molecular Neuroscience</i> , 2018, 66, 26-36.	1.1	33
27	Possible Involvement of PTEN Signaling Pathway in the Anti-apoptotic Effect of Electroacupuncture Following Ischemic Stroke in Rats. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 1453-1463.	1.7	26
28	Downregulated Nuclear Factor E2-Related Factor 2 (Nrf2) Aggravates Cognitive Impairments via Neuroinflammation and Synaptic Plasticity in the Senescence-Accelerated Mouse Prone 8 (SAMP8) Mouse: A Model of Accelerated Senescence. <i>Medical Science Monitor</i> , 2018, 24, 1132-1144.	0.5	21
29	Plin5 alleviates myocardial ischaemia/reperfusion injury by reducing oxidative stress through inhibiting the lipolysis of lipid droplets. <i>Scientific Reports</i> , 2017, 7, 42574.	1.6	56
30	IDH1 deficiency attenuates gluconeogenesis in mouse liver by impairing amino acid utilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 292-297.	3.3	19
31	Role of glycoprotein 78 and cidec in hepatic steatosis. <i>Molecular Medicine Reports</i> , 2017, 16, 1871-1877.	1.1	7
32	The signal pathway regulated by mitochondrial ATP-sensitive potassium channels might be involved in the mechanism of brain ischemic tolerance. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 823-824.	0.8	0
33	5-hydroxymethylcytosine loss is associated with poor prognosis for patients with WHO grade II diffuse astrocytomas. <i>Scientific Reports</i> , 2016, 6, 20882.	1.6	29
34	Exercise pre-conditioning alleviates brain damage via excitatory amino acid transporter 2 and extracellular signal-regulated kinase 1/2 following ischemic stroke in rats. <i>Molecular Medicine Reports</i> , 2015, 11, 1523-1527.	1.1	6
35	Histone demethylase JMJD3 is required for osteoblast differentiation in mice. <i>Scientific Reports</i> , 2015, 5, 13418.	1.6	31
36	Downregulation of CXCR4 by SDF-KDEL in SBC-5 cells inhibits their migration in vitro and organ metastasis in vivo. <i>International Journal of Molecular Medicine</i> , 2015, 35, 425-432.	1.8	8

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37	JMJD3 promotes chondrocyte proliferation and hypertrophy during endochondral bone formation in mice. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 23-34.	1.5	66
38	Cidec promotes the differentiation of human adipocytes by degradation of AMPK $\beta$ through ubiquitin-proteasome pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2552-2562.	1.1	19
39	Constraint-induced movement therapy promotes motor function recovery and downregulates phosphorylated extracellular regulated protein kinase expression in ischemic brain tissue of rats. <i>Neural Regeneration Research</i> , 2015, 10, 2004.	1.6	13
40	Toxic Effects of Levofloxacin on Rat Annulus Fibrosus Cells: An In-vitro Study. <i>Medical Science Monitor</i> , 2014, 20, 2205-2212.	0.5	10
41	Levofloxacin increases the effect of serum deprivation on anoikis of rat nucleus pulposus cells via Bax/Bcl-2/caspase-3 pathway. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 688-696.	1.3	14
42	17 $\beta$ -Estradiol protects against apoptosis induced by levofloxacin in rat nucleus pulposus cells by upregulating integrin $\alpha$ 1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 789-800.	2.2	35
43	Pre-ischemic exercise alleviates oxidative damage following ischemic stroke in rats. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1325-1329.	0.8	28
44	MGr1-Ag promotes invasion and bone metastasis of small-cell lung cancer in vitro and in vivo. <i>Oncology Reports</i> , 2013, 29, 2283-2290.	1.2	6
45	The Effects of Exercise Intensity on p-NR2B Expression in Cerebral Ischemic Rats. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 613-618.	0.3	18
46	Medial patellar retinaculum plasty versus medial capsule reefing for patellar dislocation in children and adolescents. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 1773-1780.	1.3	25
47	Electro-acupuncture can alleviate the cerebral oedema of rat after ischemia. <i>Brain Injury</i> , 2011, 25, 895-900.	0.6	26
48	Pre-Ischemic Treadmill Training Induces Tolerance to Brain Ischemia: Involvement of Glutamate and ERK1/2. <i>Molecules</i> , 2010, 15, 5246-5257.	1.7	34
49	The Effect of Treadmill Training Pre-Exercise on Glutamate Receptor Expression in Rats after Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2658-2669.	1.8	42
50	Hepatitis B virus X protein upregulates expression of calpain small subunit 1 via nuclear factor $\kappa$ B/p65 in hepatoma cells. <i>Journal of Medical Virology</i> , 2010, 82, 920-928.	2.5	42
51	Sensitization to $\gamma$ -irradiation-induced cell cycle arrest and apoptosis by the histone deacetylase inhibitor trichostatin A in non-small cell lung cancer (NSCLC) cells. <i>Cancer Biology and Therapy</i> , 2009, 8, 823-831.	1.5	84
52	Wortmannin potentiates roscovitine-induced growth inhibition in human solid tumor cells by repressing PI3K/Akt pathway. <i>Cancer Letters</i> , 2009, 286, 232-239.	3.2	21
53	Enhancement of Radiosensitivity by Roscovitine Pretreatment in Human Non-small Cell Lung Cancer A549 Cells. <i>Journal of Radiation Research</i> , 2008, 49, 541-548.	0.8	26