

Feng Zhang

List of Publications by Year in descending order

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53
papers

1,422
citations

331670

21
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	Intervertebral disc ageing and degeneration: The antiapoptotic effect of oestrogen. <i>Ageing Research Reviews</i> , 2020, 57, 100978.	10.9	188
2	The benefits and mechanisms of exercise training for Parkinson's disease. <i>Life Sciences</i> , 2020, 245, 117345.	4.3	92
3	Sensitization to β -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.	3.4	84
4	JMJD3 promotes chondrocyte proliferation and hypertrophy during endochondral bone formation in mice. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 23-34.	3.3	66
5	Plin5 alleviates myocardial ischaemia/reperfusion injury by reducing oxidative stress through inhibiting the lipolysis of lipid droplets. <i>Scientific Reports</i> , 2017, 7, 42574.	3.3	56
6	Electroacupuncture Inhibits Neuronal Autophagy and Apoptosis via the PI3K/AKT Pathway Following Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 134.	3.7	56
7	The Role of Oxidative Stress in Intervertebral Disc Degeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	4.0	49
8	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.	4.1	42
9	Hepatitis B virus X protein upregulates expression of calpain small subunit 1 via nuclear factor- κ B/p65 in hepatoma cells. <i>Journal of Medical Virology</i> , 2010, 82, 920-928.	5.0	42
10	Mechanisms Involved in the Neuroprotection of Electroacupuncture Therapy for Ischemic Stroke. <i>Frontiers in Neuroscience</i> , 2018, 12, 929.	2.8	39
11	17 β -Estradiol protects against apoptosis induced by levofloxacin in rat nucleus pulposus cells by upregulating integrin α 2 β 1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 789-800.	4.9	35
12	Pre-Ischemic Treadmill Training Induces Tolerance to Brain Ischemia: Involvement of Glutamate and ERK1/2. <i>Molecules</i> , 2010, 15, 5246-5257.	3.8	34
13	The beneficial role of early exercise training following stroke and possible mechanisms. <i>Life Sciences</i> , 2018, 198, 32-37.	4.3	34
14	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.	2.3	33
15	Histone demethylase JMJD3 is required for osteoblast differentiation in mice. <i>Scientific Reports</i> , 2015, 5, 13418.	3.3	31
16	5-hydroxymethylcytosine loss is associated with poor prognosis for patients with WHO grade II diffuse astrocytomas. <i>Scientific Reports</i> , 2016, 6, 20882.	3.3	29
17	Pre-ischemic exercise alleviates oxidative damage following ischemic stroke in rats. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1325-1329.	1.8	28
18	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.	1.6	26

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19	Electro-acupuncture can alleviate the cerebral oedema of rat after ischemia. <i>Brain Injury</i> , 2011, 25, 895-900.	1.2	26
20	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.	3.3	26
21	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.	2.4	25
22	ING5 inhibits lung cancer invasion and epithelialâ€mesenchymal transition by inhibiting the WNT/Î²â€catenin pathway. <i>Thoracic Cancer</i> , 2019, 10, 848-855.	1.9	25
23	Wortmannin potentiates roscovitine-induced growth inhibition in human solid tumor cells by repressing PI3K/Akt pathway. <i>Cancer Letters</i> , 2009, 286, 232-239.	7.2	21
24	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.	1.1	21
25	Cidec promotes the differentiation of human adipocytes by degradation of AMPKÎ± through ubiquitin-proteasome pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2552-2562.	2.4	19
26	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.	7.1	19
27	Autophagy defects and related genetic variations in renal cell carcinoma with eosinophilic cytoplasmic inclusions. <i>Scientific Reports</i> , 2018, 8, 9972.	3.3	19
28	Isocitrate dehydrogenase 1 mutation enhances 24(S)-hydroxycholesterol production and alters cholesterol homeostasis in glioma. <i>Oncogene</i> , 2020, 39, 6340-6353.	5.9	19
29	The Effects of Exercise Intensity on p-NR2B Expression in Cerebral Ischemic Rats. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 613-618.	0.5	18
30	Plin3 protects against alcoholic liver injury by facilitating lipid export from the endoplasmic reticulum. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16075-16087.	2.6	18
31	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.	2.1	17
32	17Î²â€Estradiol protects against interleukinâ€1Î²â€induced apoptosis in rat nucleus pulposus cells via the mTOR/caspaseâ€3 pathway. <i>Molecular Medicine Reports</i> , 2019, 20, 1523-1530.	2.4	15
33	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.	2.7	14
34	The Therapeutic Effect of Electroacupuncture Therapy for Ischemic Stroke. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	1.2	14
35	Wild-Type IDH1 and Mutant IDH1 Opposingly Regulate Podoplanin Expression in Glioma. <i>Translational Oncology</i> , 2020, 13, 100758.	3.7	14
36	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.	3.0	13

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37	Isocitrate dehydrogenase1 mutation reduces the pericyte coverage of microvessels in astrocytic tumours. <i>Journal of Neuro-Oncology</i> , 2019, 143, 187-196.	2.9	12
38	The Beneficial Role of Exercise on Treating Alzheimer's Disease by Inhibiting β -Amyloid Peptide. <i>Molecular Neurobiology</i> , 2021, 58, 5890-5906.	4.0	12
39	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.	2.4	11
40	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.	3.7	11
41	Toxic Effects of Levofloxacin on Rat Annulus Fibrosus Cells: An In-vitro Study. <i>Medical Science Monitor</i> , 2014, 20, 2205-2212.	1.1	10
42	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.	4.0	8
43	Role of glycoprotein 78 and cidec in hepatic steatosis. <i>Molecular Medicine Reports</i> , 2017, 16, 1871-1877.	2.4	7
44	The beneficial roles of exercise training via autophagy in neurological diseases and possible mechanisms. <i>Life Sciences</i> , 2019, 221, 130-134.	4.3	7
45	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.	2.6	6
46	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.	2.4	6
47	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.	1.0	6
48	Genetic alterations in cell cycle regulation-associated genes may promote primary progression of gastrointestinal stromal tumors. <i>Laboratory Investigation</i> , 2020, 100, 426-437.	3.7	6
49	Mutation of IDH1 aggravates the fatty acid-induced oxidative stress in HCT116 cells by affecting the mitochondrial respiratory chain. <i>Molecular Medicine Reports</i> , 2019, 19, 2509-2518.	2.4	5
50	Resveratrol protects against apoptosis induced by interleukin-1 β in nucleus pulposus cells via activating mTOR/caspase-3 and GSK-3 β /caspase-3 pathways. <i>Bioscience Reports</i> , 2020, 40, .	2.4	5
51	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.	2.8	2
52	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.	1.7	0
53	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.	3.7	0