

Feng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

283
papers

9,234
citations

44069

48
h-index

60623

81
g-index

298
all docs

298
docs citations

298
times ranked

13054
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging roles of Nrf2 and phase II antioxidant enzymes in neuroprotection. <i>Progress in Neurobiology</i> , 2013, 100, 30-47.	5.7	491
2	Rapid endothelial cytoskeletal reorganization enables early blood-brain barrier disruption and long-term ischaemic reperfusion brain injury. <i>Nature Communications</i> , 2016, 7, 10523.	12.8	309
3	Adoptive regulatory T cell therapy protects against cerebral ischemia. <i>Annals of Neurology</i> , 2013, 74, 458-471.	5.3	246
4	Intervertebral disc ageing and degeneration: The antiapoptotic effect of oestrogen. <i>Ageing Research Reviews</i> , 2020, 57, 100978.	10.9	188
5	Neuroprotection against focal ischemic brain injury by the peroxisome proliferator-activated receptor- β agonist rosiglitazone. <i>Journal of Neurochemistry</i> , 2006, 97, 435-448.	3.9	187
6	Enhancer Activation Requires trans-Recruitment of a Mega Transcription Factor Complex. <i>Cell</i> , 2014, 159, 358-373.	28.9	179
7	Protective effects and mechanisms of sirtuins in the nervous system. <i>Progress in Neurobiology</i> , 2011, 95, 373-395.	5.7	178
8	Preconditioning provides neuroprotection in models of CNS disease: Paradigms and clinical significance. <i>Progress in Neurobiology</i> , 2014, 114, 58-83.	5.7	164
9	Neuroprotective Effects of Leptin Against Ischemic Injury Induced by Oxygen-Glucose Deprivation and Transient Cerebral Ischemia. <i>Stroke</i> , 2007, 38, 2329-2336.	2.0	163
10	Omega-3 Fatty Acids Protect the Brain against Ischemic Injury by Activating Nrf2 and Upregulating Heme Oxygenase 1. <i>Journal of Neuroscience</i> , 2014, 34, 1903-1915.	3.6	156
11	Translocation of Apoptosis-Inducing Factor in Vulnerable Neurons after Transient Cerebral Ischemia and in Neuronal Cultures after Oxygen-Glucose Deprivation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1137-1150.	4.3	155
12	GSDMD-Mediated Cardiomyocyte Pyroptosis Promotes Myocardial I/R Injury. <i>Circulation Research</i> , 2021, 129, 383-396.	4.5	146
13	Leptin Protects against 6-Hydroxydopamine-induced Dopaminergic Cell Death via Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 34479-34491.	3.4	145
14	The impact of cerebrovascular aging on vascular cognitive impairment and dementia. <i>Ageing Research Reviews</i> , 2017, 34, 15-29.	10.9	139
15	Leptin neuroprotection in the CNS: mechanisms and therapeutic potentials. <i>Journal of Neurochemistry</i> , 2008, 106, 1977-1990.	3.9	136
16	Hsp27 Protects against Ischemic Brain Injury via Attenuation of a Novel Stress-Response Cascade Upstream of Mitochondrial Cell Death Signaling. <i>Journal of Neuroscience</i> , 2008, 28, 13038-13055.	3.6	130
17	Erythropoietin protects CA1 neurons against global cerebral ischemia in rat: Potential signaling mechanisms. <i>Journal of Neuroscience Research</i> , 2006, 83, 1241-1251.	2.9	116
18	Cellular NAD Replenishment Confers Marked Neuroprotection Against Ischemic Cell Death. <i>Stroke</i> , 2008, 39, 2587-2595.	2.0	115

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19	Bi-allelic DNAH8 Variants Lead to Multiple Morphological Abnormalities of the Sperm Flagella and Primary Male Infertility. <i>American Journal of Human Genetics</i> , 2020, 107, 330-341.	6.2	111
20	The involvement of NLRP3 inflammasome in the treatment of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2020, 64, 101192.	10.9	107
21	pH-Sensitive Biomaterials for Drug Delivery. <i>Molecules</i> , 2020, 25, 5649.	3.8	104
22	Bi-allelic Mutations in TTC21A Induce Asthenoteratospermia in Humans and Mice. <i>American Journal of Human Genetics</i> , 2019, 104, 738-748.	6.2	103
23	Automated MRI-Based Deep Learning Model for Detection of Alzheimer's Disease Process. <i>International Journal of Neural Systems</i> , 2020, 30, 2050032.	5.2	100
24	Single-Cell Transcriptomics in Medulloblastoma Reveals Tumor-Initiating Progenitors and Oncogenic Cascades during Tumorigenesis and Relapse. <i>Cancer Cell</i> , 2019, 36, 302-318.e7.	16.8	96
25	Histologic subtype classification of non-small cell lung cancer using PET/CT images. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 350-360.	6.4	93
26	The benefits and mechanisms of exercise training for Parkinson's disease. <i>Life Sciences</i> , 2020, 245, 117345.	4.3	92
27	Apoptosis in cerebral ischemia: executional and regulatory signaling mechanisms. <i>Neurological Research</i> , 2004, 26, 835-845.	1.3	91
28	Phosphorylation of HSP27 by Protein Kinase D Is Essential for Mediating Neuroprotection against Ischemic Neuronal Injury. <i>Journal of Neuroscience</i> , 2012, 32, 2667-2682.	3.6	88
29	Autogenous Venous Graft with One-Stage Prepared Schwann Cells as a Conduit for Repair of Long Segmental Nerve Defects. <i>Journal of Reconstructive Microsurgery</i> , 2002, 18, 295-300.	1.8	85
30	Pharmacological Induction of Heme Oxygenase-1 by a Triterpenoid Protects Neurons Against Ischemic Injury. <i>Stroke</i> , 2012, 43, 1390-1397.	2.0	80
31	Omega-3 polyunsaturated fatty acids in the brain: metabolism and neuroprotection. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 2653.	3.0	78
32	Omega-3 polyunsaturated fatty acids enhance cerebral angiogenesis and provide long-term protection after stroke. <i>Neurobiology of Disease</i> , 2014, 68, 91-103.	4.4	78
33	Apurinic/apyrimidinic endonuclease APE1 is required for PACAP-induced neuroprotection against global cerebral ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3204-3209.	7.1	76
34	Preventive and Protective Roles of Dietary Nrf2 Activators Against Central Nervous System Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017, 16, 326-338.	1.4	75
35	Changes in Lipid Profiles in Morbidly Obese Patients After Laparoscopic Sleeve Gastrectomy (LSG). <i>Obesity Surgery</i> , 2011, 21, 305-309.	2.1	71
36	Bi-allelic Loss-of-function Variants in CFAP58 Cause Flagellar Axoneme and Mitochondrial Sheath Defects and Asthenoteratozoospermia in Humans and Mice. <i>American Journal of Human Genetics</i> , 2020, 107, 514-526.	6.2	71

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37	Strategy to Suppress Oxidative Damage-Induced Neurotoxicity in PC12 Cells by Curcumin: the Role of ROS-Mediated DNA Damage and the MAPK and AKT Pathways. <i>Molecular Neurobiology</i> , 2016, 53, 369-378.	4.0	70
38	Spatiotemporal variations and influencing factors of PM2.5 concentrations in Beijing, China. <i>Environmental Pollution</i> , 2020, 262, 114276.	7.5	69
39	Ischemic Preconditioning in the Rat Brain Enhances the Repair of Endogenous Oxidative DNA Damage by Activating the Base-Excision Repair Pathway. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 181-198.	4.3	67
40	Protective effects of sulforaphane in experimental vascular cognitive impairment: Contribution of the Nrf2 pathway. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 352-366.	4.3	66
41	Signal transducers and activators of transcription 5 contributes to erythropoietin-mediated neuroprotection against hippocampal neuronal death after transient global cerebral ischemia. <i>Neurobiology of Disease</i> , 2007, 25, 45-53.	4.4	65
42	Kruppel-like factor 2 protects against ischemic stroke by regulating endothelial blood brain barrier function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H796-H805.	3.2	65
43	The cold effect of ambient temperature on ischemic and hemorrhagic stroke hospital admissions: A large database study in Beijing, China between years 2013 and 2014”Utilizing a distributed lag non-linear analysis. <i>Environmental Pollution</i> , 2018, 232, 90-96.	7.5	64
44	Leptin protects hippocampal CA1 neurons against ischemic injury. <i>Journal of Neurochemistry</i> , 2008, 107, 578-587.	3.9	63
45	Acute effects of fine particulate matter (PM2.5) on hospital admissions for cardiovascular disease in Beijing, China: a time-series study. <i>Environmental Health</i> , 2019, 18, 70.	4.0	62
46	Bi-allelic Mutations in TTC29 Cause Male Subfertility with Asthenoteratospermia in Humans and Mice. <i>American Journal of Human Genetics</i> , 2019, 105, 1168-1181.	6.2	62
47	Inducible Repair of Oxidative DNA Lesions in the Rat Brain after Transient Focal Ischemia and Reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1324-1339.	4.3	59
48	Brain perivascular macrophages: Recent advances and implications in health and diseases. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1318-1328.	3.9	58
49	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
50	Incidence and risk factors for the progression of proximal junctional kyphosis in degenerative lumbar scoliosis following long instrumented posterior spinal fusion. <i>Medicine (United States)</i> , 2016, 95, e4443.	1.0	55
51	Role of UCHL1 in axonal injury and functional recovery after cerebral ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4643-4650.	7.1	53
52	Monocarboxylate transporter expression in the spontaneous hypertensive rat: Effect of stroke. <i>Journal of Neuroscience Research</i> , 2005, 79, 139-145.	2.9	52
53	Neuronal NAMPT is Released after Cerebral Ischemia and Protects against White Matter Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1613-1621.	4.3	52
54	Inhibition of NLRP3 Inflammasome: A Prospective Target for the Treatment of Ischemic Stroke. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 155.	3.7	52

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55	Can Spectral CT Imaging Improve the Differentiation between Malignant and Benign Solitary Pulmonary Nodules?. PLoS ONE, 2016, 11, e0147537.	2.5	52
56	Brain ischemic preconditioning protects against ischemic injury and preserves the blood-brain barrier via oxidative signaling and Nrf2 activation. Redox Biology, 2018, 17, 323-337.	9.0	50
57	The Role of Oxidative Stress in Intervertebral Disc Degeneration. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-16.	4.0	49
58	Targeting metabolism in breast cancer: How far we can go?. World Journal of Clinical Oncology, 2016, 7, 122.	2.3	48
59	Galectin-1-secreting neural stem cells elicit long-term neuroprotection against ischemic brain injury. Scientific Reports, 2015, 5, 9621.	3.3	45
60	Enhanced Delivery of Erythropoietin Across the Blood-Brain Barrier for Neuroprotection Against Ischemic Neuronal Injury. Translational Stroke Research, 2010, 1, 113-121.	4.2	42
61	The Effect of Treadmill Training Pre-Exercise on Glutamate Receptor Expression in Rats after Cerebral Ischemia. International Journal of Molecular Sciences, 2010, 11, 2658-2669.	4.1	42
62	APE1/Ref-1 facilitates recovery of gray and white matter and neurological function after mild stroke injury. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3558-67.	7.1	42
63	When Hypothermia Meets Hypotension and Hyperglycemia: The Diverse Effects of Adenosine 5'-Monophosphate on Cerebral Ischemia in Rats. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1022-1034.	4.3	41
64	Mechanisms Involved in the Neuroprotection of Electroacupuncture Therapy for Ischemic Stroke. Frontiers in Neuroscience, 2018, 12, 929.	2.8	39
65	Ischemic preconditioning provides long-lasting neuroprotection against ischemic stroke: The role of Nrf2. Experimental Neurology, 2020, 325, 113142.	4.1	39
66	Drug-Induced Hypothermia in Stroke Models: Does it Always Protect?. CNS and Neurological Disorders - Drug Targets, 2013, 12, 371-380.	1.4	37
67	Quantitative Temporal Profiles of Penumbra and Infarction During Permanent Middle Cerebral Artery Occlusion in Rats. Translational Stroke Research, 2010, 1, 220-229.	4.2	36
68	Nav1.8 channels in ganglionated plexi modulate atrial fibrillation inducibility. Cardiovascular Research, 2014, 102, 480-486.	3.8	36
69	The antibacterial efficacy of an aceraceous plant [Shantung maple (<i>Acer truncatum</i> Bunge)] may be related to inhibition of bacterial iron-oxoacyl carrier protein reductase (FabG). Biotechnology and Applied Biochemistry, 2008, 51, 73-78.	3.1	35
70	17 β -Estradiol protects against apoptosis induced by levofloxacin in rat nucleus pulposus cells by upregulating integrin α 2 β 1. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 789-800.	4.9	35
71	Meta-Analysis of Five Randomized Clinical Trials Comparing Sirolimus- Versus Paclitaxel-Eluting Stents in Patients With Diabetes Mellitus. American Journal of Cardiology, 2010, 105, 64-68.	1.6	34
72	Pre-Ischemic Treadmill Training Induces Tolerance to Brain Ischemia: Involvement of Glutamate and ERK1/2. Molecules, 2010, 15, 5246-5257.	3.8	34

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73	The beneficial role of early exercise training following stroke and possible mechanisms. <i>Life Sciences</i> , 2018, 198, 32-37.	4.3	34
74	Scoring systems used to predict mortality in patients with acute upper gastrointestinal bleeding in the ED. <i>American Journal of Emergency Medicine</i> , 2018, 36, 27-32.	1.6	34
75	Icariin Attenuates M1 Activation of Microglia and A β ² Plaque Accumulation in the Hippocampus and Prefrontal Cortex by Up-Regulating PPAR γ ³ in Restraint/Isolation-Stressed APP/PS1 Mice. <i>Frontiers in Neuroscience</i> , 2019, 13, 291.	2.8	34
76	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
77	Changes in Incidence and Epidemiological Characteristics of Pulmonary Tuberculosis in Mainland China, 2005-2016. <i>JAMA Network Open</i> , 2021, 4, e215302.	5.9	33
78	Different roles of galectin-9 isoforms in modulating E-selectin expression and adhesion function in LoVo colon carcinoma cells. <i>Molecular Biology Reports</i> , 2009, 36, 823-830.	2.3	32
79	Apurinic/Apyrimidinic Endonuclease 1 Upregulation Reduces Oxidative DNA Damage and Protects Hippocampal Neurons from Ischemic Injury. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 135-148.	5.4	31
80	MicroRNA letâ€“7dâ€“5p rescues ovarian cancer cell apoptosis and restores chemosensitivity by regulating the p53 signaling pathway via HMGA1. <i>International Journal of Oncology</i> , 2019, 54, 1771-1784.	3.3	31
81	Homozygous loss-of-function mutations in FSIP2 cause male infertility with asthenoteratospermia. <i>Journal of Genetics and Genomics</i> , 2019, 46, 53-56.	3.9	31
82	Mutant Erythropoietin Without Erythropoietic Activity Is Neuroprotective Against Ischemic Brain Injury. <i>Stroke</i> , 2012, 43, 3071-3077.	2.0	30
83	Evaluation of hyperreflective foci as a prognostic factor of visual outcome in retinal vein occlusion. <i>International Journal of Ophthalmology</i> , 2017, 10, 605-612.	1.1	30
84	Proton pump inhibitor utilisation and potentially inappropriate prescribing analysis: insights from a single-centred retrospective study. <i>BMJ Open</i> , 2020, 10, e040473.	1.9	30
85	Ischemia-induced calpain activation causes eukaryotic (translation) initiation factor 4G1 (eIF4G1) degradation, protein synthesis inhibition, and neuronal death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18102-18107.	7.1	29
86	Mitochondrial PKC δ deficiency promotes I/Râ€“mediated myocardial injury via GSK β -dependent mitochondrial permeability transition pore opening. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2009-2021.	3.6	29
87	MicroRNAâ€“21 is upregulated during intestinal barrier dysfunction induced by ischemia reperfusion. <i>Kaohsiung Journal of Medical Sciences</i> , 2018, 34, 556-563.	1.9	29
88	The spatio-temporal analysis of the incidence of tuberculosis and the associated factors in mainland China, 2009-2015. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103949.	2.3	29
89	The involvement of NLRP3 inflammasome in the treatment of neurodegenerative diseases. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111428.	5.6	29
90	Enriched environment preconditioning induced brain ischemic tolerance without reducing infarct volume and edema: The possible role of enrichment-related physical activity increase. <i>Brain Research</i> , 2013, 1508, 63-72.	2.2	28

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91	Pre-ischemic exercise alleviates oxidative damage following ischemic stroke in rats. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1325-1329.	1.8	28
92	HOXC6 gene silencing inhibits epithelial-mesenchymal transition and cell viability through the TGF- β /smad signaling pathway in cervical carcinoma cells. <i>Cancer Cell International</i> , 2018, 18, 204.	4.1	28
93	Sulforaphane Protects against Brain Diseases: Roles of Cytoprotective Enzymes. <i>Austin Journal of Cerebrovascular Disease & Stroke</i> , 2017, 4, .	0.2	28
94	Gaseous Air Pollution and the Risk for Stroke Admissions: A Case-Crossover Study in Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 189.	2.6	27
95	Identification of Novel Circulating miRNA Biomarkers for the Diagnosis of Esophageal Squamous Cell Carcinoma and Squamous Dysplasia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1212-1220.	2.5	27
96	Electro-acupuncture can alleviate the cerebral oedema of rat after ischemia. <i>Brain Injury</i> , 2011, 25, 895-900.	1.2	26
97	Sevoflurane Preconditioning Confers Neuroprotection via Anti-apoptosis Effects. <i>Acta Neurochirurgica Supplementum</i> , 2016, 121, 55-61.	1.0	26
98	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
99	The selective STING inhibitor H-151 preserves myocardial function and ameliorates cardiac fibrosis in murine myocardial infarction. <i>International Immunopharmacology</i> , 2022, 107, 108658.	3.8	26
100	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
101	Voxel-Based Morphometry: Improving the Diagnosis of Alzheimer's Disease Based on an Extreme Learning Machine Method from the ADNI cohort. <i>Neuroscience</i> , 2019, 414, 273-279.	2.3	25
102	ATP Induces Mild Hypothermia in Rats but has a Strikingly Detrimental Impact on Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, e1-e10.	4.3	24
103	Enhancer-bound LDB1 regulates a corticotrope promoter-pausing repression program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1380-1385.	7.1	24
104	Human serum albumin attenuates global cerebral ischemia/reperfusion-induced brain injury in a Wnt/ β -Catenin/ROS signaling-dependent manner in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 115, 108871.	5.6	24
105	Impaired DNA repair via the base-excision repair pathway after focal ischemic brain injury: a protein phosphorylation-dependent mechanism reversed by hypothermic neuroprotection. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1852.	3.0	24
106	The Neuroprotective Effect Of Electro-Acupuncture Against Ischemic Stroke In Animal Model: A Review. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2014, 11, 25.	0.3	23
107	Surgical Decompression in the Treatment of Diabetic Peripheral Neuropathy: A Systematic Review and Meta-analysis. <i>Journal of Reconstructive Microsurgery</i> , 2017, 33, 151-157.	1.8	23
108	Loss of Phosphatase and Tensin Homolog Promotes Cardiomyocyte Proliferation and Cardiac Repair After Myocardial Infarction. <i>Circulation</i> , 2020, 142, 2196-2199.	1.6	23

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109	Effect of statins pretreatment on periprocedural myocardial infarction in patients undergoing percutaneous coronary intervention: a meta-analysis. <i>Annals of Medicine</i> , 2010, 42, 171-177.	3.8	22
110	Ultrasound-Assisted Extraction of Capsaicin from Red Peppers and Mathematical Modeling. <i>Separation Science and Technology</i> , 2012, 47, 124-130.	2.5	22
111	Contourlet-based hippocampal magnetic resonance imaging texture features for multivariant classification and prediction of Alzheimer's disease. <i>Metabolic Brain Disease</i> , 2018, 33, 1899-1909.	2.9	22
112	Intranasal delivery of calcitonin gene-related peptide reduces cerebral vasospasm in rats. <i>Frontiers in Bioscience - Elite</i> , 2010, E2, 1502-1513.	1.8	21
113	Impact of Neutrophil to Lymphocyte Ratio (NLR) Index and Its Periprocedural Change (NLR _{sub>I</sub>") for Percutaneous Coronary Intervention in Patients With Chronic Total Occlusion. <i>Angiology</i>, 2017, 68, 640-646.}	1.8	21
114	The Relationship Between Autophagy and Brain Plasticity in Neurological Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 228.	3.7	21
115	<p>Long-term icariin treatment ameliorates cognitive deficits via CD4⁺ T cell-mediated immuno-inflammatory responses in APP/PS1 mice</p>. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 817-826.	2.9	21
116	The Beneficial Role of Exercise Training for Myocardial Infarction Treatment in Elderly. <i>Frontiers in Physiology</i> , 2020, 11, 270.	2.8	21
117	Relationship between electrode position of deep brain stimulation and motor symptoms of Parkinson's disease. <i>BMC Neurology</i> , 2021, 21, 122.	1.8	21
118	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
119	The Influence of "qinxi" exercises on the Lumbosacral Multifidus. <i>Journal of Physical Therapy Science</i> , 2014, 26, 881-884.	0.6	20
120	Six-month outcomes of the X^{INSORB} bioresorbable sirolimus-eluting scaffold in treating single <i>de novo</i> lesions in human coronary artery. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 630-637.	1.7	20
121	Intranasal Delivery of Granulocyte Colony-Stimulating Factor Enhances Its Neuroprotective Effects Against Ischemic Brain Injury in Rats. <i>Molecular Neurobiology</i> , 2016, 53, 320-330.	4.0	20
122	Neutrophil-derived advanced glycation end products (carboxymethyl) lysine promotes RIP3-mediated myocardial necroptosis via RAGE and exacerbates myocardial ischemia/reperfusion injury. <i>FASEB Journal</i> , 2019, 33, 14410-14422.	0.5	20
123	Chapter 9 Ischemic tolerance as an active and intrinsic neuroprotective mechanism. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 92, 171-195.	1.8	19
124	MicroRNAs and Long Non-coding RNAs in c-Met-Regulated Cancers. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 145.	3.7	19
125	<p>Artemisinin Loaded mPEG-PCL Nanoparticle Based Photosensitive Gelatin Methacrylate Hydrogels for the Treatment of Gentamicin Induced Hearing Loss</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4591-4606.	6.7	19
126	Novel bi-allelic variants in DNAH2 cause severe asthenoteratozoospermia with multiple morphological abnormalities of the flagella. <i>Reproductive BioMedicine Online</i> , 2021, 42, 963-972.	2.4	19

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127	The Effects of Exercise Intensity on p-NR2B Expression in Cerebral Ischemic Rats. Canadian Journal of Neurological Sciences, 2012, 39, 613-618.	0.5	18
128	Restenosis in Magmaris Stents Due to Significant Collapse. JACC: Cardiovascular Interventions, 2018, 11, e77-e78.	2.9	18
129	Silencing UHRF1 enhances cell autophagy to prevent articular chondrocytes from apoptosis in osteoarthritis through PI3K/AKT/mTOR signaling pathway. Biochemical and Biophysical Research Communications, 2020, 529, 1018-1024.	2.1	17
130	Application of an Anomaly Detection Model to Screen for Ocular Diseases Using Color Retinal Fundus Images: Design and Evaluation Study. Journal of Medical Internet Research, 2021, 23, e27822.	4.3	17
131	Human and mouse studies establish TBX6 in Mendelian CAKUT and as a potential driver of kidney defects associated with the 16p11.2 microdeletion syndrome. Kidney International, 2020, 98, 1020-1030.	5.2	17
132	A minimally invasive medial patellofemoral ligament arthroscopic reconstruction. European Journal of Orthopaedic Surgery and Traumatology, 2014, 24, 225-230.	1.4	16
133	Dual restoring effects of gastrodin on dopamine in rat models of Tourette's syndrome. Neuroscience Letters, 2015, 588, 62-66.	2.1	16
134	Carbonyl Reductase 1 Attenuates Ischemic Brain Injury by Reducing Oxidative Stress and Neuroinflammation. Translational Stroke Research, 2021, 12, 711-724.	4.2	16
135	A Risk Score Model Incorporating Three m6A RNA Methylation Regulators and a Related Network of miRNAs-m6A Regulators-m6A Target Genes to Predict the Prognosis of Patients With Ovarian Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 703969.	3.7	16
136	Albumin-to-alkaline phosphatase ratio as a predictor of tumor recurrence and prognosis in patients with early-stage hepatocellular carcinoma undergoing radiofrequency ablation as initial therapy. International Journal of Hyperthermia, 2021, 38, 1-10.	2.5	16
137	Time-dependent depressive symptoms and risk of cardiovascular and all-cause mortality among the Chinese elderly: The Beijing Longitudinal Study of Aging. Journal of Cardiology, 2018, 72, 356-362.	1.9	15
138	Association of eosinophil-to-monocyte ratio with 1-month and long-term all-cause mortality in patients with ST-elevation myocardial infarction undergoing primary percutaneous coronary intervention. Journal of Thoracic Disease, 2018, 10, 5449-5458.	1.4	15
139	17 β -Estradiol protects against interleukin-1 β -induced apoptosis in rat nucleus pulposus cells via the mTOR/caspase-3 pathway. Molecular Medicine Reports, 2019, 20, 1523-1530.	2.4	15
140	Protective mechanisms of hydrogen sulfide in myocardial ischemia. Journal of Cellular Physiology, 2020, 235, 9059-9070.	4.1	15
141	The associations among quantitative spectral CT parameters, Ki-67 expression levels and EGFR mutation status in NSCLC. Scientific Reports, 2020, 10, 3436.	3.3	15
142	Vertebral-specific activation of the CX3CL1/ICAM-1 signaling network mediates non-small-cell lung cancer spinal metastasis by engaging tumor cell-vertebral bone marrow endothelial cell interactions. Theranostics, 2021, 11, 4770-4789.	10.0	15
143	Levofloxacin increases the effect of serum deprivation on anoikis of rat nucleus pulposus cells via Bax/Bcl-2/caspase-3 pathway. Toxicology Mechanisms and Methods, 2014, 24, 688-696.	2.7	14
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