

Jiangang Shen

List of Publications by Year in descending order

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124
papers

5,977
citations

53794

45
h-index

85541

71
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130
all docs

130
docs citations

130
times ranked

7536
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Imaging of Peroxynitrite with HKGreen-4 in Live Cells and Tissues. <i>Journal of the American Chemical Society</i> , 2014, 136, 11728-11734.	13.7	235
2	Fluorescent Probe HKSOX-1 for Imaging and Detection of Endogenous Superoxide in Live Cells and In Vivo. <i>Journal of the American Chemical Society</i> , 2015, 137, 6837-6843.	13.7	235
3	Caveolin-1 regulates nitric oxide-mediated matrix metalloproteinases activity and blood-brain barrier permeability in focal cerebral ischemia and reperfusion injury. <i>Journal of Neurochemistry</i> , 2012, 120, 147-156.	3.9	198
4	A Review: The Pharmacology of Isoliquiritigenin. <i>Phytotherapy Research</i> , 2015, 29, 969-977.	5.8	186
5	Normobaric hyperoxia attenuates early blood-brain barrier disruption by inhibiting MMP-mediated occludin degradation in focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2009, 108, 811-820.	3.9	170
6	Ellagic acid, a phenolic compound, exerts anti-angiogenesis effects via VEGFR-2 signaling pathway in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 943-955.	2.5	164
7	Dietary Compound Isoliquiritigenin Inhibits Breast Cancer Neoangiogenesis via VEGF/VEGFR-2 Signaling Pathway. <i>PLoS ONE</i> , 2013, 8, e68566.	2.5	145
8	LDH-A silencing suppresses breast cancer tumorigenicity through induction of oxidative stress mediated mitochondrial pathway apoptosis. <i>Breast Cancer Research and Treatment</i> , 2012, 131, 791-800.	2.5	142
9	Interaction of free radicals, matrix metalloproteinases and caveolin-1 impacts blood-brain barrier permeability. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 1216.	2.1	135
10	HKOCI-3: a fluorescent hypochlorous acid probe for live-cell and in vivo imaging and quantitative application in flow cytometry and a 96-well microplate assay. <i>Chemical Science</i> , 2016, 7, 2094-2099.	7.4	134
11	Targeting Myeloperoxidase (MPO) Mediated Oxidative Stress and Inflammation for Reducing Brain Ischemia Injury: Potential Application of Natural Compounds. <i>Frontiers in Physiology</i> , 2020, 11, 433.	2.8	132
12	A rationally designed rhodamine-based fluorescent probe for molecular imaging of peroxynitrite in live cells and tissues. <i>Chemical Science</i> , 2016, 7, 5407-5413.	7.4	130
13	A Highly Selective and Sensitive Chemiluminescent Probe for Real-Time Monitoring of Hydrogen Peroxide in Cells and Animals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14326-14330.	13.8	112
14	Protective effects of naringin against paraquat-induced acute lung injury and pulmonary fibrosis in mice. <i>Food and Chemical Toxicology</i> , 2013, 58, 133-140.	3.6	109
15	From Rapid to Delayed and Remote Postconditioning: The Evolving Concept of Ischemic Postconditioning in Brain Ischemia. <i>Current Drug Targets</i> , 2012, 13, 173-187.	2.1	98
16	Targeting reactive nitrogen species: a promising therapeutic strategy for cerebral ischemia-reperfusion injury. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 67-77.	6.1	97
17	Therapeutic targets of oxidative/nitrosative stress and neuroinflammation in ischemic stroke: Applications for natural product efficacy with omics and systemic biology. <i>Pharmacological Research</i> , 2020, 158, 104877.	7.1	96
18	Dietary compound isoliquiritigenin targets GRP78 to chemosensitize breast cancer stem cells via β -catenin/ABCG2 signaling. <i>Carcinogenesis</i> , 2014, 35, 2544-2554.	2.8	94

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19	Calycosin-7-O- β -d-glucoside regulates nitric oxide /caveolin-1/matrix metalloproteinases pathway and protects bloodâ€‘brain barrier integrity in experimental cerebral ischemiaâ€‘reperfusion injury. <i>Journal of Ethnopharmacology</i> , 2014, 155, 692-701.	4.1	89
20	Buyang Huanwu Decoction can improve recovery of neurological function, reduce infarction volume, stimulate neural proliferation and modulate VEGF and Flk1 expressions in transient focal cerebral ischaemic rat brains. <i>Journal of Ethnopharmacology</i> , 2007, 113, 292-299.	4.1	88
21	Momordica charantia polysaccharides could protect against cerebral ischemia/reperfusion injury through inhibiting oxidative stress mediated c-Jun N-terminal kinase 3 signaling pathway. <i>Neuropharmacology</i> , 2015, 91, 123-134.	4.1	86
22	Anti-Inflammatory Effects of Naringin in Chronic Pulmonary Neutrophilic Inflammation in Cigarette Smoke-Exposed Rats. <i>Journal of Medicinal Food</i> , 2012, 15, 894-900.	1.5	79
23	Inhibition of Peroxynitrite-Induced Mitophagy Activation Attenuates Cerebral Ischemia-Reperfusion Injury. <i>Molecular Neurobiology</i> , 2018, 55, 6369-6386.	4.0	79
24	Caveolin-1 mediates chemoresistance in breast cancer stem cells via β -catenin/ABCG2 signaling pathway. <i>Carcinogenesis</i> , 2014, 35, 2346-2356.	2.8	75
25	Nitric oxide down-regulates caveolin-1 expression in rat brains during focal cerebral ischemia and reperfusion injury. <i>Journal of Neurochemistry</i> , 2006, 96, 1078-1089.	3.9	74
26	Baicalin Attenuates Blood-Brain Barrier Disruption and Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke Rats with Delayed t-PA Treatment: Involvement of ONOO ⁻ -MMP-9 Pathway. <i>Translational Stroke Research</i> , 2018, 9, 515-529.	4.2	74
27	Naringin Attenuates Cerebral Ischemia-Reperfusion Injury Through Inhibiting Peroxynitrite-Mediated Mitophagy Activation. <i>Molecular Neurobiology</i> , 2018, 55, 9029-9042.	4.0	71
28	Naringin attenuates enhanced cough, airway hyperresponsiveness and airway inflammation in a guinea pig model of chronic bronchitis induced by cigarette smoke. <i>International Immunopharmacology</i> , 2012, 13, 301-307.	3.8	70
29	Characteristic comparison of three rat models induced by cigarette smoke or combined with LPS: To establish a suitable model for study of airway mucus hypersecretion in chronic obstructive pulmonary disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012, 25, 349-356.	2.6	69
30	Baicalin can scavenge peroxynitrite and ameliorate endogenous peroxynitrite-mediated neurotoxicity in cerebral ischemia-reperfusion injury. <i>Journal of Ethnopharmacology</i> , 2013, 150, 116-124.	4.1	69
31	Herbal Medicines for Ischemic Stroke: Combating Inflammation as Therapeutic Targets. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 313-339.	4.1	69
32	Clinical Efficacy and Safety of Buyang Huanwu Decoction for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis of 19 Randomized Controlled Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	1.2	67
33	Dietary compound isoliquiritigenin prevents mammary carcinogenesis by inhibiting breast cancer stem cells through WIF1 demethylation. <i>Oncotarget</i> , 2015, 6, 9854-9876.	1.8	67
34	One-Compound-Multi-Target: Combination Prospect of Natural Compounds with Thrombolytic Therapy in Acute Ischemic Stroke. <i>Current Neuropharmacology</i> , 2017, 15, 134-156.	2.9	66
35	Proteomics-Guided Study on Buyang Huanwu Decoction for Its Neuroprotective and Neurogenic Mechanisms for Transient Ischemic Stroke: Involvements of EGFR/PI3K/Akt/Bad/14-3-3 and Jak2/Stat3/Cyclin D1 Signaling Cascades. <i>Molecular Neurobiology</i> , 2020, 57, 4305-4321.	4.0	63
36	Glycyrrhetic acid induces oxidative/nitrative stress and drives ferroptosis through activating NADPH oxidases and iNOS, and depriving glutathione in triple-negative breast cancer cells. <i>Free Radical Biology and Medicine</i> , 2021, 173, 41-51.	2.9	63

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37	Bioactivity-Guided Identification and Cell Signaling Technology to Delineate the Lactate Dehydrogenase A Inhibition Effects of <i>Spatholobus suberectus</i> on Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e56631.	2.5	63
38	Astragaloside VI Promotes Neural Stem Cell Proliferation and Enhances Neurological Function Recovery in Transient Cerebral Ischemic Injury via Activating EGFR/MAPK Signaling Cascades. <i>Molecular Neurobiology</i> , 2019, 56, 3053-3067.	4.0	61
39	Glycyrrhizin Prevents Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke with Delayed Thrombolysis Through Targeting Peroxynitrite-Mediated HMGB1 Signaling. <i>Translational Stroke Research</i> , 2020, 11, 967-982.	4.2	55
40	Scalp Acupuncture for Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	1.2	53
41	Targeting RNS/caveolin-1/MMP signaling cascades to protect against cerebral ischemia-reperfusion injuries: potential application for drug discovery. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 669-682.	6.1	53
42	Polysaccharides from Wolfberry Prevents Corticosterone-Induced Inhibition of Sexual Behavior and Increases Neurogenesis. <i>PLoS ONE</i> , 2012, 7, e33374.	2.5	53
43	<i>Chrysomya megacephala</i> (Fabricius) larvae: A new biodiesel resource. <i>Applied Energy</i> , 2012, 94, 349-354.	10.1	52
44	Plasma Membrane Cholesterol: A Possible Barrier to Intracellular Oxygen in Normal and Mutant CHO Cells Defective in Cholesterol Metabolism. <i>Biochemistry</i> , 2003, 42, 23-29.	2.5	51
45	Oxygen Consumption Rates and Oxygen Concentration in Molt-4 Cells and Their mtDNA Depleted (Δ) Mutants. <i>Biophysical Journal</i> , 2003, 84, 1291-1298.	0.5	51
46	Baicalin promotes neuronal differentiation of neural stem/progenitor cells through modulating p-stat3 and bHLH family protein expression. <i>Brain Research</i> , 2012, 1429, 36-42.	2.2	50
47	Caveolin-1 is essential for protecting against binge drinking-induced liver damage through inhibiting reactive nitrogen species. <i>Hepatology</i> , 2014, 60, 687-699.	7.3	48
48	Isoliquiritigenin modulates miR-374a/PTEN/Akt axis to suppress breast cancer tumorigenesis and metastasis. <i>Scientific Reports</i> , 2017, 7, 9022.	3.3	47
49	Baicalin Modulates APPL2/Glucocorticoid Receptor Signaling Cascade, Promotes Neurogenesis, and Attenuates Emotional and Olfactory Dysfunctions in Chronic Corticosterone-Induced Depression. <i>Molecular Neurobiology</i> , 2018, 55, 9334-9348.	4.0	44
50	Zinc contributes to acute cerebral ischemia-induced blood-brain barrier disruption. <i>Neurobiology of Disease</i> , 2016, 95, 12-21.	4.4	43
51	Secondary Metabolites of the Genus <i>Astragalus</i> : Structure and Biological Activity Update. <i>Chemistry and Biodiversity</i> , 2013, 10, 1004-1054.	2.1	41
52	AKT-Related Autophagy Contributes to the Neuroprotective Efficacy of Hydroxysafflor Yellow A against Ischemic Stroke in Rats. <i>Translational Stroke Research</i> , 2014, 5, 501-509.	4.2	40
53	Genome-wide biological response fingerprinting (BioReF) of the Chinese botanical formulation ISF-1 enables the selection of multiple marker genes as a potential metric for quality control. <i>Journal of Ethnopharmacology</i> , 2007, 113, 35-44.	4.1	39
54	Pros and Cons of Current Approaches for Detecting Peroxynitrite and Their Applications. <i>Biomedical Journal</i> , 2014, 37, 120.	3.1	38

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55	Caveolin-1 Plays a Crucial Role in Inhibiting Neuronal Differentiation of Neural Stem/Progenitor Cells via VEGF Signaling-Dependent Pathway. <i>PLoS ONE</i> , 2011, 6, e22901.	2.5	37
56	Caveolin-1 Is Critical for Lymphocyte Trafficking into Central Nervous System during Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2016, 36, 5193-5199.	3.6	34
57	Neuroprotective Effects and Hepatorenal Toxicity of Angong Niu Huang Wan Against Ischemia-Induced Reperfusion Brain Injury in Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 593.	3.5	34
58	Rehmapicroside ameliorates cerebral ischemia-reperfusion injury via attenuating peroxynitrite-mediated mitophagy activation. <i>Free Radical Biology and Medicine</i> , 2020, 160, 526-539.	2.9	34
59	Emerging Glycolysis Targeting and Drug Discovery from Chinese Medicine in Cancer Therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-13.	1.2	32
60	Reactive nitrogen species as therapeutic targets for autophagy: implication for ischemic stroke. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 305-317.	3.4	32
61	Nitration of Drp1 provokes mitophagy activation mediating neuronal injury in experimental autoimmune encephalomyelitis. <i>Free Radical Biology and Medicine</i> , 2019, 143, 70-83.	2.9	32
62	Targeted over-expression of endothelin-1 in astrocytes leads to more severe brain damage and vasospasm after subarachnoid hemorrhage. <i>BMC Neuroscience</i> , 2013, 14, 131.	1.9	31
63	Cell permeable HMGB1-binding heptamer peptide ameliorates neurovascular complications associated with thrombolytic therapy in rats with transient ischemic stroke. <i>Journal of Neuroinflammation</i> , 2018, 15, 237.	7.2	31
64	Caveolin-1 protects against hepatic ischemia/reperfusion injury through ameliorating peroxynitrite-mediated cell death. <i>Free Radical Biology and Medicine</i> , 2016, 95, 209-215.	2.9	30
65	Peroxyntirite enhances self-renewal, proliferation and neuronal differentiation of neural stem/progenitor cells through activating HIF-1 α and Wnt/ β -catenin signaling pathway. <i>Free Radical Biology and Medicine</i> , 2018, 117, 158-167.	2.9	30
66	Mucoactive effects of naringin in lipopolysaccharide-induced acute lung injury mice and beagle dogs. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 279-287.	4.0	27
67	Potential molecular targets of peroxynitrite in mediating blood-brain barrier damage and haemorrhagic transformation in acute ischaemic stroke with delayed tissue plasminogen activator treatment. <i>Free Radical Research</i> , 2018, 52, 1220-1239.	3.3	27
68	Acteoside ameliorates experimental autoimmune encephalomyelitis through inhibiting peroxynitrite-mediated mitophagy activation. <i>Free Radical Biology and Medicine</i> , 2020, 146, 79-91.	2.9	27
69	Momordica charantia polysaccharides modulate the differentiation of neural stem cells via SIRT1/ β -catenin axis in cerebral ischemia/reperfusion. <i>Stem Cell Research and Therapy</i> , 2020, 11, 485.	5.5	27
70	Neuroprotective effect of cajaninstilbene acid against cerebral ischemia and reperfusion damages by activating AMPK/Nrf2 pathway. <i>Journal of Advanced Research</i> , 2021, 34, 199-210.	9.5	27
71	Caveolin-1 promote astroglial differentiation of neural stem/progenitor cells through modulating Notch1/NICD and Hes1 expressions. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 517-524.	2.1	25
72	Lumbrokinase attenuates diabetic nephropathy through regulating extracellular matrix degradation in Streptozotocin-induced diabetic rats. <i>Diabetes Research and Clinical Practice</i> , 2013, 100, 85-95.	2.8	25

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73	Chinese Traditional Medicine and Adult Neurogenesis in the Hippocampus. <i>Journal of Traditional and Complementary Medicine</i> , 2014, 4, 77-81.	2.7	25
74	Electroacupuncture on Trigeminal Nerve-Innervated Acupoints Ameliorates Poststroke Cognitive Impairment in Rats with Middle Cerebral Artery Occlusion: Involvement of Neuroprotection and Synaptic Plasticity. <i>Neural Plasticity</i> , 2020, 2020, 1-13.	2.2	22
75	<i>Alpinia oxyphylla</i> Miq. and Its Active Compound P-Coumaric Acid Promote Brain-Derived Neurotrophic Factor Signaling for Inducing Hippocampal Neurogenesis and Improving Post-cerebral Ischemic Spatial Cognitive Functions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577790.	3.7	22
76	The Antitriple Negative Breast cancer Efficacy of <i>Spatholobus suberectus</i> Dunn on ROS-Induced Noncanonical Inflammasome Pyroptotic Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	22
77	Interaction of caveolin-1, nitric oxide, and nitric oxide synthases in hypoxic human SK-N-BE-2C neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2008, 107, 478-487.	3.9	21
78	Crosstalk of metabolic factors and neurogenic signaling in adult neurogenesis: Implication of metabolic regulation for mental and neurological diseases. <i>Neurochemistry International</i> , 2017, 106, 24-36.	3.8	21
79	Promotion of <i>Momordica Charantia</i> polysaccharides on neural stem cell proliferation by increasing SIRT1 activity after cerebral ischemia/reperfusion in rats. <i>Brain Research Bulletin</i> , 2021, 170, 254-263.	3.0	21
80	Heat shock protein 65 promotes atherosclerosis through impairing the properties of high density lipoprotein. <i>Atherosclerosis</i> , 2014, 237, 853-861.	0.8	20
81	In silico prediction of ROCK II inhibitors by different classification approaches. <i>Molecular Diversity</i> , 2017, 21, 791-807.	3.9	20
82	Ginkgo biloba extract (EGb761) inhibits mitochondria-dependent caspase pathway and prevents apoptosis in hypoxia-reoxygenated cardiomyocytes. <i>Chinese Medicine</i> , 2011, 6, 8.	4.0	19
83	Danggui-Shaoyao-San (DSS) Ameliorates Cerebral Ischemia-Reperfusion Injury via Activating SIRT1 Signaling and Inhibiting NADPH Oxidases. <i>Frontiers in Pharmacology</i> , 2021, 12, 653795.	3.5	19
84	Bushen-Yizhi Formula Alleviates Neuroinflammation via Inhibiting NLRP3 Inflammasome Activation in a Mouse Model of Parkinson's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-12.	1.2	18
85	Naringin Mediates Adult Hippocampal Neurogenesis for Antidepressant via Activating CREB Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 731831.	3.7	18
86	Metabolic Factors and Adult Neurogenesis: Impacts of Chinese Herbal Medicine on Brain Repair in Neurological Diseases. <i>International Review of Neurobiology</i> , 2017, 135, 117-147.	2.0	17
87	Realgar and cinnabar are essential components contributing to neuroprotection of Angong Niu Huang Wan with no hepatorenal toxicity in transient ischemic brain injury. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114613.	2.8	17
88	Peroxynitrite contributes to arsenic-induced PARP-1 inhibition through ROS/RNS generation. <i>Toxicology and Applied Pharmacology</i> , 2019, 378, 114602.	2.8	17
89	Caveolin-1 inhibits oligodendroglial differentiation of neural stem/progenitor cells through modulating β -catenin expression. <i>Neurochemistry International</i> , 2011, 59, 114-121.	3.8	16
90	Clinical efficacy and sEMG analysis of a new traditional Chinese medicine therapy in the treatment of spasticity following apoplectic hemiparesis. <i>Acta Neurologica Belgica</i> , 2014, 114, 125-129.	1.1	16

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91	Adaptor Protein APPL2 Affects Adult Antidepressant Behaviors and Hippocampal Neurogenesis via Regulating the Sensitivity of Glucocorticoid Receptor. <i>Molecular Neurobiology</i> , 2018, 55, 5537-5547.	4.0	16
92	Radix Rehmanniae Extract Ameliorates Experimental Autoimmune Encephalomyelitis by Suppressing Macrophage-Derived Nitritative Damage. <i>Frontiers in Physiology</i> , 2018, 9, 864.	2.8	16
93	Astragali Radix Isoflavones Synergistically Alleviate Cerebral Ischemia and Reperfusion Injury Via Activating Estrogen Receptor-PI3K-Akt Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 533028.	3.5	16
94	Peroxynitrite activates NLRP3 inflammasome and contributes to hemorrhagic transformation and poor outcome in ischemic stroke with hyperglycemia. <i>Free Radical Biology and Medicine</i> , 2021, 165, 171-183.	2.9	16
95	Neoisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78- β -catenin Signaling in Breast Cancer. <i>Current Cancer Drug Targets</i> , 2018, 18, 390-399.	1.6	15
96	Whether Metal Element-Containing Herbal Formula Angong Niu Huang Pill Is Safe for Acute Brain Disorders?. <i>Biological Trace Element Research</i> , 2015, 166, 41-48.	3.5	13
97	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. <i>IScience</i> , 2019, 13, 82-97.	4.1	13
98	A Highly Selective and Sensitive Chemiluminescent Probe for Real-time Monitoring of Hydrogen Peroxide in Cells and Animals. <i>Angewandte Chemie</i> , 2020, 132, 14432-14436.	2.0	13
99	Free cholesterol accumulation impairs antioxidant activities and aggravates apoptotic cell death in menadione-induced oxidative injury. <i>Archives of Biochemistry and Biophysics</i> , 2011, 514, 57-67.	3.0	11
100	Pinosylin provides neuroprotection against cerebral ischemia and reperfusion injury through enhancing PINK1/Parkin mediated mitophagy and Nrf2 pathway. <i>Journal of Functional Foods</i> , 2020, 71, 104019.	3.4	11
101	Buyang Huanwu Decoction protects against STZ-induced diabetic nephropathy by inhibiting TGF- β 2/Smad3 signaling-mediated renal fibrosis and inflammation. <i>Chinese Medicine</i> , 2021, 16, 118.	4.0	11
102	An effective strategy for the synthesis of biocompatible gold nanoparticles using danshensu antioxidant: prevention of cytotoxicity via attenuation of free radical formation. <i>Nanotoxicology</i> , 2013, 7, 294-300.	3.0	10
103	Site-2 protease responds to oxidative stress and regulates oxidative injury in mammalian cells. <i>Scientific Reports</i> , 2014, 4, 6268.	3.3	9
104	A pulse-sensing robotic hand for tactile arterial palpation. , 2016, , .		9
105	Study protocol: Traditional Chinese Medicine (TCM) syndrome differentiation for heart failure patients and its implication for long-term therapeutic outcomes of the Qiliqiangxin capsules. <i>Chinese Medicine</i> , 2021, 16, 103.	4.0	9
106	Targeting ONOO ⁻ /HMGB1/MMP-9 Signaling Cascades: Potential for Drug Development from Chinese Medicine to Attenuate Ischemic Brain Injury and Hemorrhagic Transformation Induced by Thrombolytic Treatment. <i>Integrative Medicine International</i> , 2016, 3, 32-52.	0.6	8
107	Acteoside promotes B cell-derived IL-10 production and ameliorates autoimmunity. <i>Journal of Leukocyte Biology</i> , 2022, 112, 875-885.	3.3	8
108	A novel role of HuR in β -epigallocatechin-3-gallate (β -EGCG) induces tumour cells apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3767-3771.	3.6	7

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109	Latent TGF- β 1 protects against diabetic kidney disease via Arkadia/Smad7 signaling. International Journal of Biological Sciences, 2021, 17, 3583-3594.	6.4	7
110	Angong Niu Huang Wan reduces hemorrhagic transformation and mortality in ischemic stroke rats with delayed thrombolysis: involvement of peroxynitrite-mediated MMP-9 activation. Chinese Medicine, 2022, 17, 51.	4.0	7
111	Caveolin-1 Derived from Brain Microvascular Endothelial Cells Inhibits Neuronal Differentiation of Neural Stem/Progenitor Cells In Vivo and In Vitro. Neuroscience, 2020, 448, 172-190.	2.3	6
112	HKOCl-4: a rhodol-based yellow fluorescent probe for the detection of hypochlorous acid in living cells and tissues. Organic Chemistry Frontiers, 2020, 7, 993-996.	4.5	6
113	Targeting Neurogenesis: A Promising Therapeutic Strategy for Post-Stroke Treatment with Chinese Herbal Medicine. Integrative Medicine International, 2014, 1, 5-18.	0.6	5
114	Marine algae extract attenuated osteoporosis in OVX mice, enhanced osteogenesis on human mesenchymal stem cells and promoted OPG expression. Journal of Functional Foods, 2018, 40, 229-237.	3.4	5
115	Combination of matrix solid phase dispersion and response surface evaluation for simultaneous detections of multiple bioactive constituents of traditional Chinese medicine formula: Using Baoyuan Capsule as an example. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113495.	2.8	5
116	Baoyuan Capsule promotes neurogenesis and neurological functional recovery through improving mitochondrial function and modulating PI3K/Akt signaling pathway. Phytomedicine, 2021, 93, 153795.	5.3	5
117	Active compounds and molecular targets of Chinese herbal medicine for neurogenesis in stroke treatment: Implication for cross talk between Traditional Chinese Medicine and Biomedical Sciences. World Journal of Traditional Chinese Medicine, 2019, 5, 104.	1.9	3
118	Mini Review: Application of Human Mesenchymal Stem Cells in Gene and Stem Cells Therapy Era. Current Stem Cell Reports, 2018, 4, 327-337.	1.6	2
119	Insights into Mechanisms of Blood-Brain Barrier Permeability – Roles of Free Radicals, Matrix Metalloproteinases, and Caveolin-1. , 2014, , 2049-2067.		2
120	Focusing on caveolin-1 in CNS autoimmune disease: multiple sclerosis. Neural Regeneration Research, 2016, 11, 1920.	3.0	2
121	APPL2 Negatively Regulates Olfactory Functions by Switching Fate Commitments of Neural Stem Cells in Adult Olfactory Bulb via Interaction with Notch1 Signaling. Neuroscience Bulletin, 2020, 36, 997-1008.	2.9	1
122	Ischemic postconditioning for stroke treatment: current experimental advances and future directions. Conditioning Medicine, 2020, 3, 104-115.	1.3	1
123	Detection of T Follicular Helper Cells and T Follicular Regulatory Cells in Experimental Sjögren's Syndrome. Methods in Molecular Biology, 2022, 2380, 211-224.	0.9	1
124	Oxidative Stress and Antioxidant: What We Should Do for Brain Damage and Brain Repair and Its Implication in Stroke Treatment. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY40-1.	0.0	0