Jiangang Shen

List of Publications by Year
in descending order

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124	5,977	53794 45	85541 71
papers	citations	h-index	g-index

130	130	130	7536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of T Follicular Helper Cells and T Follicular Regulatory Cells in Experimental SjÃ¶grenâ€™s Syndrome. Methods in Molecular Biology, 2022, 2380, 211-224.	0.9	1
2	Naringin Mediates Adult Hippocampal Neurogenesis for Antidepression via Activating CREB Signaling. Frontiers in Cell and Developmental Biology, 2022, 10, 731831.	3.7	18
3	Angong Niuhuang 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
4	Acteoside promotes B cell-derived IL-10 production and ameliorates autoimmunity. Journal of Leukocyte Biology, 2022, 112, 875-885.	3.3	8
5	Neuroprotective effect of cajaninstilbene acid against cerebral ischemia and reperfusion damages by activating AMPK/Nrf2 pathway. Journal of Advanced Research, 2021, 34, 199-210.	9.5	27
6	Astragali Radix Isoflavones Synergistically Alleviate Cerebral Ischemia and Reperfusion Injury Via Activating Estrogen Receptor-PI3K-Akt Signaling Pathway. Frontiers in Pharmacology, 2021, 12, 533028.	3.5	16
7	Peroxynitrite activates NLRP3 inflammasome and contributes to hemorrhagic transformation and poor outcome in ischemic stroke with hyperglycemia. Free Radical Biology and Medicine, 2021, 165, 171-183.	2.9	16
8	Danggui-Shaoyao-San (DSS) Ameliorates Cerebral Ischemia-Reperfusion Injury via Activating SIRT1 Signaling and Inhibiting NADPH Oxidases. Frontiers in Pharmacology, 2021, 12, 653795.	3.5	19
9	Promotion of Momordica Charantia polysaccharides on neural stem cell proliferation by increasing SIRT1 activity after cerebral ischemia/reperfusion in rats. Brain Research Bulletin, 2021, 170, 254-263.	3.0	21
10	Glycyrrhetinic acid induces oxidative/nitrative stress and drives ferroptosis through activating NADPH oxidases and iNOS, and depriving glutathione in triple-negative breast cancer cells. Free Radical Biology and Medicine, 2021, 173, 41-51.	2.9	63
11	Latent TGF-Î²1 protects against diabetic kidney disease via Arkadia/Smad7 signaling. International Journal of Biological Sciences, 2021, 17, 3583-3594.	6.4	7
12	Study protocol: Traditional Chinese Medicine (TCM) syndrome differentiation for heart failure patients and its implication for long-term therapeutic outcomes of the Qiliqiangxin capsules. Chinese Medicine, 2021, 16, 103.	4.0	9
13	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
14	The Antitriple Negative Breast cancer Efficacy of Spatholobus suberectus Dunn on ROS-Induced Noncanonical Inflammasome Pyroptotic Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	22
15	Buyang Huanwu Decoction protects against STZ-induced diabetic nephropathy by inhibiting TGF-Î²/Smad3 signaling-mediated renal fibrosis and inflammation. Chinese Medicine, 2021, 16, 118.	4.0	11
16	Acteoside ameliorates experimental autoimmune encephalomyelitis through inhibiting peroxynitrite-mediated mitophagy activation. Free Radical Biology and Medicine, 2020, 146, 79-91.	2.9	27
17	Glycyrrhizin Prevents Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke with Delayed Thrombolysis Through Targeting Peroxynitrite-Mediated HMGB1 Signaling. Translational Stroke Research, 2020, 11, 967-982.	4.2	55
18	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

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19	Momordica charantia polysaccharides modulate the differentiation of neural stem cells via SIRT1/Î²-catenin axis in cerebral ischemia/reperfusion. Stem Cell Research and Therapy, 2020, 11, 485.	5.5	27
20	Rehmapicroside ameliorates cerebral ischemia-reperfusion injury via attenuating peroxynitrite-mediated mitophagy activation. Free Radical Biology and Medicine, 2020, 160, 526-539.	2.9	34
21	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. Molecular Neurobiology, 2020, 57, 4305-4321.	4.0	63
22	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
23	Electroacupuncture on Trigeminal Nerve-Innervated Acupoints Ameliorates Poststroke Cognitive Impairment in Rats with Middle Cerebral Artery Occlusion: Involvement of Neuroprotection and Synaptic Plasticity. Neural Plasticity, 2020, 2020, 1-13.	2.2	22
24	Targeting Myeloperoxidase (MPO) Mediated Oxidative Stress and Inflammation for Reducing Brain Ischemia Injury: Potential Application of Natural Compounds. Frontiers in Physiology, 2020, 11, 433.	2.8	132
25	Therapeutic targets of oxidative/nitrosative stress and neuroinflammation in ischemic stroke: Applications for natural product efficacy with omics and systemic biology. Pharmacological Research, 2020, 158, 104877.	7.1	96
26	A Highly Selective and Sensitive Chemiluminescent Probe for Realâ€Time Monitoring of Hydrogen Peroxide in Cells and Animals. Angewandte Chemie - International Edition, 2020, 59, 14326-14330.	13.8	112
27	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
28	A Highly Selective and Sensitive Chemiluminescent Probe for Realâ€Time Monitoring of Hydrogen Peroxide in Cells and Animals. Angewandte Chemie, 2020, 132, 14432-14436.	2.0	13
29	Pinosylvin provides neuroprotection against cerebral ischemia and reperfusion injury through enhancing PINK1/Parkin mediated mitophagy and Nrf2 pathway. Journal of Functional Foods, 2020, 71, 104019.	3.4	11
30	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
31	Alpinia oxyphylla 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. Frontiers in Cell and Developmental Biology, 2020, 8, 577790.	3.7	22
32	Ischemic postconditioning for stroke treatment: current experimental advances and future directions. Conditioning Medicine, 2020, 3, 104-115.	1.3	1
33	Astragaloside VI Promotes Neural Stem Cell Proliferation and Enhances Neurological Function Recovery in Transient Cerebral Ischemic InjuryÂvia Activating EGFR/MAPK Signaling Cascades. Molecular Neurobiology, 2019, 56, 3053-3067.	4.0	61
34	Nitration of Drp1 provokes mitophagy activation mediating neuronal injury in experimental autoimmune encephalomyelitis. Free Radical Biology and Medicine, 2019, 143, 70-83.	2.9	32
35	Realgar and cinnabar are essential components contributing to neuroprotection of Angong Niuhuang Wan with no hepatorenal toxicity in transient ischemic brain injury. Toxicology and Applied Pharmacology, 2019, 377, 114613.	2.8	17
36	Peroxynitrite contributes to arsenic-induced PARP-1 inhibition through ROS/RNS generation. Toxicology and Applied Pharmacology, 2019, 378, 114602.	2.8	17

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37	Neuroprotective Effects and Hepatorenal Toxicity of Angong Niuhuang Wan Against Ischemiaâ€“Reperfusion Brain Injury in Rats. Frontiers in Pharmacology, 2019, 10, 593.	3.5	34
38	Kinesin-1 Regulates Extrasynaptic Targeting of NMDARs and Neuronal Vulnerability Toward Excitotoxicity. IScience, 2019, 13, 82-97.	4.1	13
39	A novel role of HuR in â€Epigallocatechinâ€3â€gallate (<scp>EGCG</scp>) induces tumour cells apoptosis. Journal of Cellular and Molecular Medicine, 2019, 23, 3767-3771.	3.6	7
40	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
41	Baicalin Modulates APPL2/Glucocorticoid Receptor Signaling Cascade, Promotes Neurogenesis, and Attenuates Emotional and Olfactory Dysfunctions in Chronic Corticosterone-Induced Depression. Molecular Neurobiology, 2018, 55, 9334-9348.	4.0	44
42	Naringin Attenuates Cerebral Ischemia-Reperfusion Injury Through Inhibiting Peroxynitrite-Mediated Mitophagy Activation. Molecular Neurobiology, 2018, 55, 9029-9042.	4.0	71
43	Peroxynitrite enhances self-renewal, proliferation and neuronal differentiation of neural stem/progenitor cells through activating HIF-1Î± and Wnt/Î²-catenin signaling pathway. Free Radical Biology and Medicine, 2018, 117, 158-167.	2.9	30
44	Baicalin Attenuates Blood-Brain Barrier Disruption and Hemorrhagic Transformation and Improves Neurological Outcome in Ischemic Stroke Rats with Delayed t-PA Treatment: Involvement of ONOOâ¯-MMP-9 Pathway. Translational Stroke Research, 2018, 9, 515-529.	4.2	74
45	Inhibition of Peroxynitrite-Induced Mitophagy Activation Attenuates Cerebral Ischemia-Reperfusion Injury. Molecular Neurobiology, 2018, 55, 6369-6386.	4.0	79
46	Targeting RNS/caveolin-1/MMP signaling cascades to protect against cerebral ischemia-reperfusion injuries: potential application for drug discovery. Acta Pharmacologica Sinica, 2018, 39, 669-682.	6.1	53
47	Adaptor Protein APPL2 Affects Adult Antidepressant Behaviors and Hippocampal Neurogenesis via Regulating the Sensitivity of Glucocorticoid Receptor. Molecular Neurobiology, 2018, 55, 5537-5547.	4.0	16
48	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
49	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
50	Potential molecular targets of peroxynitrite in mediating bloodâ€“brain barrier damage and haemorrhagic transformation in acute ischaemic stroke with delayed tissue plasminogen activator treatment. Free Radical Research, 2018, 52, 1220-1239.	3.3	27
51	Bushen-Yizhi Formula Alleviates Neuroinflammation via Inhibiting NLRP3 Inflammasome Activation in a Mouse Model of Parkinsonâ€™s Disease. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-12.	1.2	18
52	Cell permeable HMGB1-binding heptamer peptide ameliorates neurovascular complications associated with thrombolytic therapy in rats with transient ischemic stroke. Journal of Neuroinflammation, 2018, 15, 237.	7.2	31
53	Radix Rehmanniae Extract Ameliorates Experimental Autoimmune Encephalomyelitis by Suppressing Macrophage-Derived Nitrative Damage. Frontiers in Physiology, 2018, 9, 864.	2.8	16
54	Neoisoliquiritigenin Inhibits Tumor Progression by Targeting GRP78-Î²- catenin Signaling in Breast Cancer. Current Cancer Drug Targets, 2018, 18, 390-399.	1.6	15

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55	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
56	Reactive nitrogen species as therapeutic targets for autophagy: implication for ischemic stroke. Expert Opinion on Therapeutic Targets, 2017, 21, 305-317.	3.4	32
57	Crosstalk of metabolic factors and neurogenic signaling in adult neurogenesis: Implication of metabolic regulation for mental and neurological diseases. Neurochemistry International, 2017, 106, 24-36.	3.8	21
58	Isoliquiritigenin modulates miR-374a/PTEN/Akt axis to suppress breast cancer tumorigenesis and metastasis. Scientific Reports, 2017, 7, 9022.	3.3	47
59	In silico prediction of ROCK II inhibitors by different classification approaches. Molecular Diversity, 2017, 21, 791-807.	3.9	20
60	Metabolic Factors and Adult Neurogenesis: Impacts of Chinese Herbal Medicine on Brain Repair in Neurological Diseases. International Review of Neurobiology, 2017, 135, 117-147.	2.0	17
61	One-Compound-Multi-Target: Combination Prospect of Natural Compounds with Thrombolytic Therapy in Acute Ischemic Stroke. Current Neuropharmacology, 2017, 15, 134-156.	2.9	66
62	Zinc contributes to acute cerebral ischemia-induced bloodâ€“brain barrier disruption. Neurobiology of Disease, 2016, 95, 12-21.	4.4	43
63	Caveolin-1 protects against hepatic ischemia/reperfusion injury through ameliorating peroxynitrite-mediated cell death. Free Radical Biology and Medicine, 2016, 95, 209-215.	2.9	30
64	A rationally designed rhodamine-based fluorescent probe for molecular imaging of peroxynitrite in live cells and tissues. Chemical Science, 2016, 7, 5407-5413.	7.4	130
65	Caveolin-1 Is Critical for Lymphocyte Trafficking into Central Nervous System during Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2016, 36, 5193-5199.	3.6	34
66	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. Integrative Medicine International, 2016, 3, 32-52.	0.6	8
67	A pulse-sensing robotic hand for tactile arterial palpation. , 2016, , .		9
68	HKOCl-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. Chemical Science, 2016, 7, 2094-2099.	7.4	134
69	Focusing on caveolin-1 in CNS autoimmune disease: multiple sclerosis. Neural Regeneration Research, 2016, 11, 1920.	3.0	2
70	A Review: The Pharmacology of Isoliquiritigenin. Phytotherapy Research, 2015, 29, 969-977.	5.8	186
71	Whether Metal Element-Containing Herbal Formula Angong Niuhuang Pill Is Safe for Acute Brain Disorders?. Biological Trace Element Research, 2015, 166, 41-48.	3.5	13
72	Fluorescent Probe HKSOX-1 for Imaging and Detection of Endogenous Superoxide in Live Cells and In Vivo. Journal of the American Chemical Society, 2015, 137, 6837-6843.	13.7	235

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73	Momordica charantia polysaccharides could protect against cerebral ischemia/reperfusion injury through inhibiting oxidative stress mediated c-Jun N-terminal kinase 3 signaling pathway. Neuropharmacology, 2015, 91, 123-134.	4.1	86
74	Dietary compound isoliquiritigenin prevents mammary carcinogenesis by inhibiting breast cancer stem cells through WIF1 demethylation. Oncotarget, 2015, 6, 9854-9876.	1.8	67
75	Heat shock protein 65 promotes atherosclerosis through impairing the properties of high density lipoprotein. Atherosclerosis, 2014, 237, 853-861.	0.8	20
76	Targeting Neurogenesis: A Promising Therapeutic Strategy for Post-Stroke Treatment with Chinese Herbal Medicine. Integrative Medicine International, 2014, 1, 5-18.	0.6	5
77	Herbal Medicines for Ischemic Stroke: Combating Inflammation as Therapeutic Targets. Journal of NeuroImmune Pharmacology, 2014, 9, 313-339.	4.1	69
78	Caveolin-1 is essential for protecting against binge drinking-induced liver damage through inhibiting reactive nitrogen species. Hepatology, 2014, 60, 687-699.	7.3	48
79	Molecular Imaging of Peroxynitrite with HKGreen-4 in Live Cells and Tissues. Journal of the American Chemical Society, 2014, 136, 11728-11734.	13.7	235
80	Calycosin-7-O-Î²-d-glucoside regulates nitric oxide /caveolin-1/matrix metalloproteinases pathway and protects bloodâ€“brain barrier integrity in experimental cerebral ischemiaâ€“reperfusion injury. Journal of Ethnopharmacology, 2014, 155, 692-701.	4.1	89
81	Caveolin-1 mediates chemoresistance in breast cancer stem cells via Î²-catenin/ABCG2 signaling pathway. Carcinogenesis, 2014, 35, 2346-2356.	2.8	75
82	AKT-Related Autophagy Contributes to the Neuroprotective Efficacy of Hydroxysafflor Yellow A against Ischemic Stroke in Rats. Translational Stroke Research, 2014, 5, 501-509.	4.2	40
83	Clinical efficacy and sEMG analysis of a new traditional Chinese medicine therapy in the treatment of spasticity following apoplectic hemiparalysis. Acta Neurologica Belgica, 2014, 114, 125-129.	1.1	16
84	Dietary compound isoliquiritigenin targets GRP78 to chemosensitize breast cancer stem cells via Î²-catenin/ABCG2 signaling. Carcinogenesis, 2014, 35, 2544-2554.	2.8	94
85	Mucoactive effects of naringin in lipopolysaccharide-induced acute lung injury mice and beagle dogs. Environmental Toxicology and Pharmacology, 2014, 38, 279-287.	4.0	27
86	Chinese Traditional Medicine and Adult Neurogenesis in the Hippocampus. Journal of Traditional and Complementary Medicine, 2014, 4, 77-81.	2.7	25
87	Site-2 protease responds to oxidative stress and regulates oxidative injury in mammalian cells. Scientific Reports, 2014, 4, 6268.	3.3	9
88	Insights into Mechanisms of Blood-Brain Barrier Permeability â€“ Roles of Free Radicals, Matrix Metalloproteinsases, and Caveolin-1. , 2014, , 2049-2067.		2
89	Pros and Cons of Current Approaches for Detecting Peroxynitrite and Their Applications. Biomedical Journal, 2014, 37, 120.	3.1	38
90	An effective strategy for the synthesis of biocompatible gold nanoparticles using danshensu antioxidant: prevention of cytotoxicity via attenuation of free radical formation. Nanotoxicology, 2013, 7, 294-300.	3.0	10

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91	Targeted over-expression of endothelin-1 in astrocytes leads to more severe brain damage and vasospasm after subarachnoid hemorrhage. BMC Neuroscience, 2013, 14, 131.	1.9	31
92	Baicalin can scavenge peroxynitrite and ameliorate endogenous peroxynitrite-mediated neurotoxicity in cerebral ischemia-reperfusion injury. Journal of Ethnopharmacology, 2013, 150, 116-124.	4.1	69
93	Secondary Metabolites of the Genus Astragalus: Structure and Biologicalâ€Activity Update. Chemistry and Biodiversity, 2013, 10, 1004-1054.	2.1	41
94	Protective effects of naringin against paraquat-induced acute lung injury and pulmonary fibrosis in mice. Food and Chemical Toxicology, 2013, 58, 133-140.	3.6	109
95	Lumbrokinase attenuates diabetic nephropathy through regulating extracellular matrix degradation in Streptozotocin-induced diabetic rats. Diabetes Research and Clinical Practice, 2013, 100, 85-95.	2.8	25
96	Targeting reactive nitrogen species: a promising therapeutic strategy for cerebral ischemia-reperfusion injury. Acta Pharmacologica Sinica, 2013, 34, 67-77.	6.1	97
97	Dietary Compound Isoliquiritigenin Inhibits Breast Cancer Neoangiogenesis via VEGF/VEGFR-2 Signaling Pathway. PLoS ONE, 2013, 8, e68566.	2.5	145
98	Bioactivity-Guided Identification and Cell Signaling Technology to Delineate the Lactate Dehydrogenase A Inhibition Effects of Spatholobus suberectus on Breast Cancer. PLoS ONE, 2013, 8, e56631.	2.5	63
99	Emerging Glycolysis Targeting and Drug Discovery from Chinese Medicine in Cancer Therapy. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-13.	1.2	32
100	Scalp Acupuncture for Acute Ischemic Stroke: A Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	1.2	53
101	Clinical Efficacy and Safety of Buyang Huanwu Decoction for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis of 19 Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	1.2	67
102	Anti-Inflammatory Effects of Naringin in Chronic Pulmonary Neutrophilic Inflammation in Cigarette Smoke-Exposed Rats. Journal of Medicinal Food, 2012, 15, 894-900.	1.5	79
103	Ellagic acid, a phenolic compound, exerts anti-angiogenesis effects via VEGFR-2 signaling pathway in breast cancer. Breast Cancer Research and Treatment, 2012, 134, 943-955.	2.5	164
104	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. Pulmonary Pharmacology and Therapeutics, 2012, 25, 349-356.	2.6	69
105	Naringin attenuates enhanced cough, airway hyperresponsiveness and airway inflammation in a guinea pig model of chronic bronchitis induced by cigarette smoke. International Immunopharmacology, 2012, 13, 301-307.	3.8	70
106	Caveolinâ€1 regulates nitric oxideâ€mediated matrix metalloproteinases activity and bloodâ€“brain barrier permeability in focal cerebral ischemia and reperfusion injury. Journal of Neurochemistry, 2012, 120, 147-156.	3.9	198
107	Chrysomya megacephala (Fabricius) larvae: A new biodiesel resource. Applied Energy, 2012, 94, 349-354.	10.1	52
108	Baicalin promotes neuronal differentiation of neural stem/progenitor cells through modulating p-stat3 and bHLH family protein expression. Brain Research, 2012, 1429, 36-42.	2.2	50

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109	LDH-A silencing suppresses breast cancer tumorigenicity through induction of oxidative stress mediated mitochondrial pathway apoptosis. Breast Cancer Research and Treatment, 2012, 131, 791-800.	2.5	142
110	Polysaccharides from Wolfberry Prevents Corticosterone-Induced Inhibition of Sexual Behavior and Increases Neurogenesis. PLoS ONE, 2012, 7, e33374.	2.5	53
111	From Rapid to Delayed and Remote Postconditioning: The Evolving Concept of Ischemic Postconditioning in Brain Ischemia. Current Drug Targets, 2012, 13, 173-187.	2.1	98
112	Free cholesterol accumulation impairs antioxidant activities and aggravates apoptotic cell death in menadione-induced oxidative injury. Archives of Biochemistry and Biophysics, 2011, 514, 57-67.	3.0	11
113	Caveolin-1 promote astroglial differentiation of neural stem/progenitor cells through modulating Notch1/NICD and Hes1 expressions. Biochemical and Biophysical Research Communications, 2011, 407, 517-524.	2.1	25
114	Caveolin-1 inhibits oligodendroglial differentiation of neural stem/progenitor cells through modulating Î²-catenin expression. Neurochemistry International, 2011, 59, 114-121.	3.8	16
115	Interaction of free radicals, matrix metalloproteinases and caveolin-1 impacts blood-brain barrier permeability. Frontiers in Bioscience - Scholar, 2011, S3, 1216.	2.1	135
116	Caveolin-1 Plays a Crucial Role in Inhibiting Neuronal Differentiation of Neural Stem/Progenitor Cells via VEGF Signaling-Dependent Pathway. PLoS ONE, 2011, 6, e22901.	2.5	37
117	Ginkgo biloba extract (EGb761) inhibits mitochondria-dependent caspase pathway and prevents apoptosis in hypoxia-reoxygenated cardiomyocytes. Chinese Medicine, 2011, 6, 8.	4.0	19
118	Normobaric hyperoxia attenuates early bloodâ€“brain barrier disruption by inhibiting MMPâ€9â€mediated occludin degradation in focal cerebral ischemia. Journal of Neurochemistry, 2009, 108, 811-820.	3.9	170
119	Interaction of caveolinâ€1, nitric oxide, and nitric oxide synthases in hypoxic human SKâ€Nâ€MC neuroblastoma cells. Journal of Neurochemistry, 2008, 107, 478-487.	3.9	21
120	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. Journal of Ethnopharmacology, 2007, 113, 35-44.	4.1	39
121	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. Journal of Ethnopharmacology, 2007, 113, 292-299.	4.1	88
122	Nitric oxide down-regulates caveolin-1 expression in rat brains during focal cerebral ischemia and reperfusion injury. Journal of Neurochemistry, 2006, 96, 1078-1089.	3.9	74
123	Plasma Membrane Cholesterol:Â A Possible Barrier to Intracellular Oxygen in Normal and Mutant CHO Cells Defective in Cholesterol Metabolismâ€. Biochemistry, 2003, 42, 23-29.	2.5	51
124	Oxygen Consumption Rates and Oxygen Concentration in Molt-4 Cells and Their mtDNA Depleted (Ï0) Mutants. Biophysical Journal, 2003, 84, 1291-1298.	0.5	51