

Jingshan Shi

List of Publications by Year in descending order

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97
papers

4,481
citations

94381

37
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114418

63
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all docs

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docs citations

97
times ranked

5543
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioenergy and bio-products from bio-waste and its associated modern circular economy: Current research trends, challenges, and future outlooks. <i>Fuel</i> , 2022, 307, 121859.	3.4	132
2	Trilobatin promotes angiogenesis after cerebral ischemiaâ€“reperfusion injury via <i>SIRT7</i> / <i>VEGFA</i> signaling pathway in rats. <i>Phytotherapy Research</i> , 2022, 36, 2940-2951.	2.8	2
3	Signaling mechanisms underlying inhibition of neuroinflammation by resveratrol in neurodegenerative diseases. <i>Journal of Nutritional Biochemistry</i> , 2021, 88, 108552.	1.9	37
4	The use of DNA methylation clock in aging research. <i>Experimental Biology and Medicine</i> , 2021, 246, 436-446.	1.1	12
5	Changes in global Orchidaceae disease geographical research trends: recent incidences, distributions, treatment, and challenges. <i>Bioengineered</i> , 2021, 12, 13-29.	1.4	10
6	Resveratrol against 6-OHDA-induced damage of PC12 cells via PI3K/Akt. <i>Translational Neuroscience</i> , 2021, 12, 138-144.	0.7	5
7	High Methionine Diet-Induced Alzheimerâ€™s Disease like Symptoms Are Accompanied by 5-Methylcytosine Elevated Levels in the Brain. <i>Behavioural Neurology</i> , 2021, 2021, 1-16.	1.1	16
8	RNA-Seq analysis of the protection by <i>Dendrobium nobile</i> alkaloids against carbon tetrachloride hepatotoxicity in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111307.	2.5	16
9	<i>Dendrobium nobile</i> Lindl. alkaloids alleviate Mn-induced neurotoxicity via PINK1/Parkin-mediated mitophagy in PC12 cells. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100877.	0.7	4
10	Protective Effects and Mechanisms of <i>Dendrobium nobile</i> Lindl. Alkaloids on PC12 Cell Damage Induced by A β 25-35. <i>Behavioural Neurology</i> , 2021, 2021, 1-11.	1.1	4
11	Therapeutic potential of isobavachalcone, a natural flavonoid, in murine experimental colitis by inhibiting <i>NF-κB</i> p65. <i>Phytotherapy Research</i> , 2021, 35, 5861-5870.	2.8	20
12	Neferine, a natural alkaloid from <i>Nelumbo nucifera</i> , ameliorates experimental chronic ulcerative colitis in mice. <i>Pharmacological Research Modern Chinese Medicine</i> , 2021, 1, 100022.	0.5	1
13	Icariside II inhibits lipopolysaccharide-induced inflammation and amyloid production in rat astrocytes by regulating <i>IKK/β/NF-κB/BACE1</i> signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 154-162.	2.8	37
14	Icariside II, a phosphodiesterase 5 inhibitor, attenuates cerebral ischaemia/reperfusion injury by inhibiting glycogen synthase kinase- β -mediated activation of autophagy. <i>British Journal of Pharmacology</i> , 2020, 177, 1434-1452.	2.7	40
15	Molecular Identification of Endophytic Fungi and Their Pathogenicity Evaluation Against <i>Dendrobium nobile</i> and <i>Dendrobium officinale</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 316.	1.8	41
16	Regulation of SIRT3 on mitochondrial functions and oxidative stress in Parkinsonâ€™s disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110928.	2.5	62
17	SAMP8 Mice as a Model of Age-Related Cognition Decline with Underlying Mechanisms in Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 385-395.	1.2	67
18	<i>Dendrobium nobile</i> Lindl. alkaloids-mediated protection against CCl4-induced liver mitochondrial oxidative damage is dependent on the activation of Nrf2 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110351.	2.5	21

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19	ROCK1 activation-mediated mitochondrial translocation of Drp1 and cofilin are required for arnidol-induced mitochondrial fission and apoptosis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 37.	3.5	33
20	Pharmacological effects of icariin. <i>Advances in Pharmacology</i> , 2020, 87, 179-203.	1.2	103
21	Neuroprotective Effects of Trilobatin, a Novel Naturally Occurring Sirt3 Agonist from <i>Lithocarpus polystachyus</i> Rehd., Mitigate Cerebral Ischemia/Reperfusion Injury: Involvement of TLR4/NF- κ B and Nrf2/Keap-1 Signaling. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 117-143.	2.5	54
22	Icariside II, a PDE5 Inhibitor, Suppresses Oxygen-Glucose Deprivation/Reperfusion-Induced Primary Hippocampal Neuronal Death Through Activating the PKG/CREB/BDNF/TrkB Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 523.	1.6	19
23	New Insights into Detection of a Dendrobine Compound From a Novel Endophytic <i>Trichoderma longibrachiatum</i> Strain and Its Toxicity Against Phytopathogenic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 337.	1.5	33
24	Icariin protects against sodium azide-induced neurotoxicity by activating the PI3K/Akt/GSK-3 β signaling pathway. <i>PeerJ</i> , 2020, 8, e8955.	0.9	11
25	Plant root-microbe relationship for shaping root microbiome modification in benefit agriculture. , 2020, , 85-98.		1
26	Current Progress on Endophytic Microbial Dynamics on Dendrobium Plants. <i>Fungal Biology</i> , 2020, , 397-418.	0.3	1
27	Osthole Improves Cognitive Function of Vascular Dementia Rats: Reducing A β Deposition & Inhibition NLRP3 Inflammasome. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1315-1323.	0.6	10
28	Icariin improves the cognitive function of APP/PS1 mice via suppressing endoplasmic reticulum stress. <i>Life Sciences</i> , 2019, 234, 116739.	2.0	32
29	Resveratrol delays 6-hydroxydopamine-induced apoptosis by activating the PI3K/Akt signaling pathway. <i>Experimental Gerontology</i> , 2019, 124, 110653.	1.2	41
30	Icariin-mediated activation of autophagy confers protective effect on rotenone induced neurotoxicity in vivo and in vitro. <i>Toxicology Reports</i> , 2019, 6, 637-644.	1.6	30
31	A comprehensive review on fungal endophytes and its dynamics on Orchidaceae plants: current research, challenges, and future possibilities. <i>Bioengineered</i> , 2019, 10, 316-334.	1.4	60
32	Microbial dynamics for lignocellulosic waste bioconversion and its importance with modern circular economy, challenges and future perspectives. <i>Bioresource Technology</i> , 2019, 291, 121905.	4.8	99
33	Icariin protects rotenone-induced neurotoxicity through induction of SIRT3. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114639.	1.3	24
34	Bioengineering tools for the production of pharmaceuticals: current perspective and future outlook. <i>Bioengineered</i> , 2019, 10, 469-492.	1.4	24
35	New insights and rethinking of cinnabar for chemical and its pharmacological dynamics. <i>Bioengineered</i> , 2019, 10, 353-364.	1.4	16
36	A review of plant leaf fungal diseases and its environment speciation. <i>Bioengineered</i> , 2019, 10, 409-424.	1.4	153

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37	Ellagic acid supports neuron by regulating astroglia Nrf2. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 738-743.	1.4	7
38	Induction of Nrf2 pathway by <i>Dendrobium nobile</i> Lindl. alkaloids protects against carbon tetrachloride induced acute liver injury. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109073.	2.5	37
39	Activation of Nrf2 signaling by Icaria protects against 6-OHDA-induced neurotoxicity. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 465-471.	1.4	16
40	Icaria Delays Brain Aging in Senescence-Accelerated Mouse Prone 8 (SAMP8) Model via Inhibiting Autophagy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 121-128.	1.3	23
41	Procyanidin protects against 6-hydroxydopamine-induced dopaminergic neuron damage via the regulation of the PI3K/Akt signalling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 114, 108789.	2.5	15
42	Nuclear accumulation of UBC9 contributes to SUMOylation of lamin A/C and nucleophagy in response to DNA damage. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 67.	3.5	41
43	CZYH Alleviates β -Amyloid-Induced Cognitive Impairment and Inflammation Response via Modulation of JNK and NF- κ B Pathway in Rats. <i>Behavioural Neurology</i> , 2019, 2019, 1-10.	1.1	3
44	Icariside II attenuates lipopolysaccharide-induced neuroinflammation through inhibiting TLR4/MyD88/NF- κ B pathway in rats. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 315-324.	2.5	84
45	Investigation of the differential transport mechanism of cinnabar and mercury containing compounds. <i>Environmental Toxicology and Pharmacology</i> , 2019, 66, 83-90.	2.0	5
46	Naringenin targets on astroglial Nrf2 to support dopaminergic neurons. <i>Pharmacological Research</i> , 2019, 139, 452-459.	3.1	41
47	Endophytic Fungal Diversity on Different Aged Bark of Medicinal <i>Taxus</i> Plant Species. <i>Journal of Biobased Materials and Bioenergy</i> , 2019, 13, 544-549.	0.1	1
48	CZ2HF mitigates β -amyloid 25-35 fragment-induced learning and memory impairment through inhibition of neuroinflammation and apoptosis in rats. <i>International Journal of Molecular Medicine</i> , 2019, 43, 557-566.	1.8	4
49	<i>Dendrobium</i> alkaloids decrease $\text{A}\beta$ by regulating $\text{A}\beta$ - and $\text{A}\beta$ -secretases in hippocampal neurons of SD rats. <i>PeerJ</i> , 2019, 7, e7627.	0.9	22
50	Dihydratanthinone I, a natural product, ameliorates DSS-induced experimental ulcerative colitis in mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 344, 35-45.	1.3	46
51	Optimizing factors affecting development and propagation of <i>Bletilla striata</i> in a temporary immersion bioreactor system. <i>Scientia Horticulturae</i> , 2018, 232, 121-126.	1.7	30
52	Icariside II alleviates oxygen-glucose deprivation and reoxygenation-induced PC12 cell oxidative injury by activating Nrf2/SIRT3 signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 9-17.	2.5	39
53	Autophagy plays a protective role in Mn-induced toxicity in PC12 cells. <i>Toxicology</i> , 2018, 394, 45-53.	2.0	36
54	Icariside II, a PDE5 inhibitor from <i>Epimedium brevicornum</i> , promotes neuron-like pheochromocytoma PC12 cell proliferation via activating NO/cGMP/PKG pathway. <i>Neurochemistry International</i> , 2018, 112, 18-26.	1.9	13

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55	Diabetes mellitus and Alzheimer's disease: GSK-3 β as a potential link. Behavioural Brain Research, 2018, 339, 57-65.	1.2	192
56	Fermentation Engineering for Enhanced Paclitaxel Production by <i>Taxus Media</i> Endophytic Fungus MF-5 (<i>Alternaria</i> sp.). Journal of Biobased Materials and Bioenergy, 2018, 12, 545-550.	0.1	9
57	Management of Diabetes Mellitus with Puerarin, a Natural Isoflavone From <i>Pueraria lobata</i> . The American Journal of Chinese Medicine, 2018, 46, 1771-1789.	1.5	83
58	Icariside II, a Phosphodiesterase-5 Inhibitor, Attenuates Beta-Amyloid-Induced Cognitive Deficits via BDNF/TrkB/CREB Signaling. Cellular Physiology and Biochemistry, 2018, 49, 1010-1025.	1.1	42
59	Tetrahydroxystilbene Glucoside Produces Neuroprotection against 6-OHDA-Induced Dopamine Neurotoxicity. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	1.9	14
60	Gastrodin Attenuates Bilateral Common Carotid Artery Occlusion-Induced Cognitive Deficits via Regulating A β -Related Proteins and Reducing Autophagy and Apoptosis in Rats. Frontiers in Pharmacology, 2018, 9, 405.	1.6	40
61	Combination Treatment of Icarin and L-DOPA Against 6-OHDA-Lesioned Dopamine Neurotoxicity. Frontiers in Molecular Neuroscience, 2018, 11, 155.	1.4	9
62	Dual modulation on glial cells by tetrahydroxystilbene glucoside protects against dopamine neuronal loss. Journal of Neuroinflammation, 2018, 15, 161.	3.1	11
63	Stimulatory effect of icariin on the proliferation of neural stem cells from rat hippocampus. BMC Complementary and Alternative Medicine, 2018, 18, 34.	3.7	26
64	Trilobatin Protects Against Oxidative Injury in Neuronal PC12 Cells Through Regulating Mitochondrial ROS Homeostasis Mediated by AMPK/Nrf2/Sirt3 Signaling Pathway. Frontiers in Molecular Neuroscience, 2018, 11, 267.	1.4	59
65	Targeting MAPK Pathways by Naringenin Modulates Microglia M1/M2 Polarization in Lipopolysaccharide-Stimulated Cultures. Frontiers in Cellular Neuroscience, 2018, 12, 531.	1.8	90
66	Optimization of nutritional conditions using a temporary immersion bioreactor system for the growth of <i>Bletilla striata</i> pseudobulbs and accumulation of polysaccharides. Scientia Horticulturae, 2018, 240, 155-161.	1.7	17
67	Accumulative Component Analysis of Polysaccharide in Protocorm of <i>Dendrobium candidum</i> . Journal of Biobased Materials and Bioenergy, 2018, 12, 348-355.	0.1	3
68	Lithocarpus $\frac{1}{2}$ polystachyus Rehd. leaves aqueous extract protects against hydrogen peroxide-induced SH-SY5Y cells injury through activation of Sirt3 signaling pathway. International Journal of Molecular Medicine, 2018, 42, 3485-3494.	1.8	9
69	2,3,4,5-tetrahydroxystilbene-2-O- β -D-glucoside exacerbates acetaminophen-induced hepatotoxicity by inducing hepatic expression of CYP2E1, CYP3A4 and CYP1A2. Scientific Reports, 2017, 7, 16511.	1.6	33
70	TLR4 is a link between diabetes and Alzheimer's disease. Behavioural Brain Research, 2017, 316, 234-244.	1.2	96
71	Icariside II, a novel phosphodiesterase 5 inhibitor, protects against H ₂ O ₂ -induced PC12 cells death by inhibiting mitochondria-mediated autophagy. Journal of Cellular and Molecular Medicine, 2017, 21, 375-386.	1.6	36
72	Icariside II Effectively Reduces Spatial Learning and Memory Impairments in Alzheimer's Disease Model Mice Targeting Beta-Amyloid Production. Frontiers in Pharmacology, 2017, 8, 106.	1.6	39

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73	Pharmacological manipulations of autophagy modulate paraquat-induced cytotoxicity in PC12 cells. <i>International Journal of Biochemistry and Molecular Biology</i> , 2017, 8, 13-22.	0.1	7
74	Puerarin Improves Diabetic Aorta Injury by Inhibiting NADPH Oxidase-Derived Oxidative Stress in STZ-Induced Diabetic Rats. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-9.	1.0	40
75	Dihydrotanshinone I Attenuates Atherosclerosis in ApoE-Deficient Mice: Role of NOX4/NF- κ B Mediated Lectin-Like Oxidized LDL Receptor-1 (LOX-1) of the Endothelium. <i>Frontiers in Pharmacology</i> , 2016, 7, 418.	1.6	40
76	Icariin, a major constituent from <i>Epimedium brevicornum</i> , attenuates ibotenic acid-induced excitotoxicity in rat hippocampus. <i>Behavioural Brain Research</i> , 2016, 313, 111-119.	1.2	32
77	Icariside II protects against cerebral ischemia/reperfusion injury in rats via nuclear factor- κ B inhibition and peroxisome proliferator-activated receptor up-regulation. <i>Neurochemistry International</i> , 2016, 96, 56-61.	1.9	51
78	Icariin attenuates cerebral ischemia/reperfusion injury through inhibition of inflammatory response mediated by NF- κ B, PPAR α and PPAR β in rats. <i>International Immunopharmacology</i> , 2016, 30, 157-162.	1.7	81
79	Icariin Induces Synovialin Expression through NFE2L1 to Protect Neurons from ER Stress-Induced Apoptosis. <i>PLoS ONE</i> , 2015, 10, e0119955.	1.1	27
80	Sodium Hydrosulfide Attenuates Beta-Amyloid-Induced Cognitive Deficits and Neuroinflammation via Modulation of MAPK/NF- κ B Pathway in Rats. <i>Current Alzheimer Research</i> , 2015, 12, 673-683.	0.7	61
81	Induction of Nrf2 and Metallothionein as a Common Mechanism of Hepatoprotective Medicinal Herbs. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 207-221.	1.5	17
82	Icariin, a phosphodiesterase-5 inhibitor, improves learning and memory in APP/PS1 transgenic mice by stimulation of NO/cGMP signalling. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 871-881.	1.0	103
83	Alkaloids enriched extract from <i>Dendrobium nobile</i> Lindl. attenuates tau protein hyperphosphorylation and apoptosis induced by lipopolysaccharide in rat brain. <i>Phytomedicine</i> , 2014, 21, 712-716.	2.3	72
84	Resveratrol Protects Cortical Neurons against Microglia-mediated Neuroinflammation. <i>Phytotherapy Research</i> , 2013, 27, 344-349.	2.8	70
85	Adiponectin: A biomarker for rheumatoid arthritis?. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 83-89.	3.2	70
86	Tetrahydroxystilbene Glucoside Attenuates Neuroinflammation through the Inhibition of Microglia Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-8.	1.9	32
87	Resveratrol promotes neurotrophic factor release from astroglia. <i>Experimental Biology and Medicine</i> , 2012, 237, 943-948.	1.1	44
88	Resveratrol, A Neuroprotective Supplement for Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2012, 18, 27-33.	0.9	203
89	Inhibitory Effects of <i>Dendrobium</i> Alkaloids on Memory Impairment Induced by Lipopolysaccharide in Rats. <i>Planta Medica</i> , 2011, 77, 117-121.	0.7	62
90	Realgar and realgar-containing Liu-Shen-Wan are less acutely toxic than arsenite and arsenate. <i>Journal of Ethnopharmacology</i> , 2011, 134, 26-31.	2.0	37

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91	Realgar- and cinnabar-containing An-Gong-Niu-Huang Wan (AGNH) is much less acutely toxic than sodium arsenite and mercuric chloride. <i>Chemico-Biological Interactions</i> , 2011, 189, 134-140.	1.7	41
92	Realgar, cinnabar and An-Gong-Niu-Huang Wan are much less chronically nephrotoxic than common arsenicals and mercurials. <i>Experimental Biology and Medicine</i> , 2011, 236, 233-239.	1.1	37
93	Anti-inflammatory activities of resveratrol in the brain: Role of resveratrol in microglial activation. <i>European Journal of Pharmacology</i> , 2010, 636, 1-7.	1.7	232
94	Resveratrol Protects Dopamine Neurons Against Lipopolysaccharide-Induced Neurotoxicity through Its Anti-Inflammatory Actions. <i>Molecular Pharmacology</i> , 2010, 78, 466-477.	1.0	162
95	Neuroprotective effect of resveratrol on 6-OHDA-induced Parkinson's disease in rats. <i>European Journal of Pharmacology</i> , 2008, 600, 78-82.	1.7	315
96	Inhibitory effect of ginsenoside Rb1 on cardiac hypertrophy induced by monocrotaline in rat. <i>Journal of Ethnopharmacology</i> , 2007, 111, 567-572.	2.0	47
97	Protective effects of Ginkgo biloba leaf extract on aluminum-induced brain dysfunction in rats. <i>Life Sciences</i> , 2005, 77, 140-148.	2.0	56