Daqing Zhao

List of Publications by Year
in descending order

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83	2,543	393982	223531
papers	citations	19 h-index	46 g-index

84	84	84	4580
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ginsenosides repair UVB-induced skin barrier damage in BALB/c hairless mice and HaCaT keratinocytes. Journal of Ginseng Research, 2022, 46, 115-125.	3.0	23
2	Comparison of Gene Expression Patterns in Articular Cartilage and Xiphoid Cartilage. Biochemical Genetics, 2022, 60, 676-706.	0.8	3
3	Protective effect of oligosaccharides isolated from Panax ginseng C. A. Meyer against UVB-induced skin barrier damage in BALB/c hairless mice and human keratinocytes. Journal of Ethnopharmacology, 2022, 283, 114677.	2.0	10
4	Ginseng root extract attenuates inflammation by inhibiting the MAPK/NF-Î¹B signaling pathway and activating autophagy and p62-Nrf2-Keap1 signaling in vitro and in vivo. Journal of Ethnopharmacology, 2022, 283, 114739.	2.0	67
5	Ginseng in vascular dysfunction: A review of therapeutic potentials and molecular mechanisms. Phytotherapy Research, 2022, 36, 857-872.	2.8	6
6	Protective Effects of the Wenfei Buqi Tongluo Formula on the Inflammation in Idiopathic Pulmonary Fibrosis through Inhibiting the TLR4/MyD88/NF-Î¹B Pathway. BioMed Research International, 2022, 2022, 1-13.	0.9	0
7	Major ginsenosides from Panax ginseng promote aerobic cellular respiration and SIRT1-mediated mitochondrial biosynthesis in cardiomyocytes and neurons. Journal of Ginseng Research, 2022, 46, 759-770.	3.0	6
8	Sucrose Induced HMGR to Promote Ginsenoside Biosynthesis in the Growth of Wild Cultivated Ginseng (Panax ginseng). Journal of Soil Science and Plant Nutrition, 2022, 22, 2255-2265.	1.7	1
9	Jiedu Tongluo Baoshen formula enhances podocyte autophagy and reduces proteinuria in diabetic kidney disease by inhibiting PI3K/Akt/mTOR signaling pathway. Journal of Ethnopharmacology, 2022, 293, 115246.	2.0	16
10	Ginsenoside Rf inhibits human tau proteotoxicity and causes specific LncRNA, miRNA and mRNA expression changes in Caenorhabditis elegans model of tauopathy. European Journal of Pharmacology, 2022, 922, 174887.	1.7	7
11	Prevention Effect of Protopanaxadiol-Type Saponins Saponins and Protopanaxatriol-Type Saponins on Myelosuppression Mice Induced by Cyclophosphamide. Frontiers in Pharmacology, 2022, 13, 845034.	1.6	6
12	Targeting Sirtuin 1 signaling pathway by ginsenosides. Journal of Ethnopharmacology, 2021, 268, 113657.	2.0	20
13	A SIRT1 Activator, Ginsenoside Rc, Promotes Energy Metabolism in Cardiomyocytes and Neurons. Journal of the American Chemical Society, 2021, 143, 1416-1427.	6.6	69
14	The enzymatic hydrolysates from deer sinew promote MC3T3-E1 cell proliferation and extracellular matrix synthesis by regulating multiple functional genes. BMC Complementary Medicine and Therapies, 2021, 21, 59.	1.2	7
15	20(s)â€˜ginseonsideâ€˜Rg3 modulation of AMPK/FoxO3 signaling to attenuate mitochondrial dysfunction in a dexamethasoneâ€˜injured C2C12 myotubeâ€˜based model of skeletal atrophy inÂvitro. Molecular Medicine Reports, 2021, 23, .	1.1	6
16	Knockdown of p62/sequestosome enhances ginsenoside Rh2-induced apoptosis in cervical cancer HeLa cells with no effect on autophagy. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1097-1103.	0.6	8
17	Total ginsenosides induce autophagic cell death inÂcervical cancer cells accompanied by downregulation of bone marrow stromal antigenâ€˜2. Experimental and Therapeutic Medicine, 2021, 22, 667.	0.8	3
18	Review of ginsenosides targeting mitochondrial function to treat multiple disorders: Current status and perspectives. Journal of Ginseng Research, 2021, 45, 371-379.	3.0	20

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19	Neuroprotective Potentials of Panax Ginseng Against Alzheimerâ€™s Disease: A Review of Preclinical and Clinical Evidences. Frontiers in Pharmacology, 2021, 12, 688490.	1.6	21
20	Therapeutic Effects and Molecular Mechanisms of Bioactive Compounds Against Respiratory Diseases: Traditional Chinese Medicine Theory and High-Frequency Use. Frontiers in Pharmacology, 2021, 12, 734450.	1.6	14
21	Panax ginseng C. A. Meyer Phenolic Acid Extract Alleviates Ultraviolet B-Irradiation-Induced Photoaging in a Hairless Mouse Skin Photodamage Model. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	0.5	2
22	Comparisons of Isolation Methods, Structural Features, and Bioactivities of the Polysaccharides from Three Common Panax Species: A Review of Recent Progress. Molecules, 2021, 26, 4997.	1.7	13
23	Akt activationâ€dependent protective effect of wild ginseng adventitious root protein against <scp>UVA</scp>â€induced <scp>NIHâ€3T3</scp> cell damage. Wound Repair and Regeneration, 2021, 29, 1006-1016.	1.5	2
24	Xianling Gubao Capsule Prevents Cadmium-Induced Kidney Injury. BioMed Research International, 2021, 2021, 1-9.	0.9	5
25	Salicylic acid in ginseng root alleviates skin hyperpigmentation disorders by inhibiting melanogenesis and melanosome transport. European Journal of Pharmacology, 2021, 910, 174458.	1.7	20
26	Ginsenoside extract from ginseng extends lifespan and health span in Caenorhabditis elegans. Food and Function, 2021, 12, 6793-6808.	2.1	33
27	Investigating the molecular control of deer antler extract on articular cartilage. Journal of Orthopaedic Surgery and Research, 2021, 16, 8.	0.9	7
28	Comprehensive RNA sequencing in primary murine keratinocytes and fibroblasts identifies novel biomarkers and provides potential therapeutic targets for skin-related diseases. Cellular and Molecular Biology Letters, 2021, 26, 42.	2.7	7
29	Nfib promotes chondrocyte proliferation and inhibits differentiation by mildly regulating Sox9 and its downstream genes. Molecular Biology Reports, 2021, 48, 7487-7497.	1.0	4
30	20(S)-Ginsenoside Rh2-induced apoptosis and protective autophagy in cervical cancer cells by inhibiting AMPK/mTOR pathway. Bioscience, Biotechnology and Biochemistry, 2021, 86, 92-103.	0.6	6
31	A Protein from Dioscorea polystachya (Chinese Yam) Improves Hydrocortisone-Induced Testicular Dysfunction by Alleviating Leydig Cell Injury via Upregulation of the Nrf2 Pathway. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	3
32	Network Pharmacology and Experimental Assessment to Explore the Pharmacological Mechanism of Qimai Feiluoping Decoction Against Pulmonary Fibrosis. Frontiers in Pharmacology, 2021, 12, 770197.	1.6	11
33	Wenfei Buqi Tongluo Formula Against Bleomycin-Induced Pulmonary Fibrosis by Inhibiting TGF-Î²/Smad3 Pathway. Frontiers in Pharmacology, 2021, 12, 762998.	1.6	4
34	Protective effect of Hedansanqi Tiaozhi Tang against non-alcoholic fatty liver disease in vitro and in vivo through activating Nrf2/HO-1 antioxidant signaling pathway. Phytomedicine, 2020, 67, 153140.	2.3	24
35	Cytoprotective effect of Fufang Lurong Jiangu capsule against hydrogen peroxide-induced oxidative stress in bone marrow stromal cell-derived osteoblasts through the Nrf2/HO-1 signaling pathway. Biomedicine and Pharmacotherapy, 2020, 121, 109676.	2.5	16
36	Panax ginseng clinical trials: Current status and future perspectives. Biomedicine and Pharmacotherapy, 2020, 132, 110832.	2.5	23

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37	Shen-Hong-Tong-Luo Formula Attenuates Macrophage Inflammation and Lipid Accumulation through the Activation of the PPAR-Î³/LXR-Î±/ABCA1 Pathway. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-19.	1.9	14
38	Runx3 regulates chondrocyte phenotype by controlling multiple genes involved in chondrocyte proliferation and differentiation. Molecular Biology Reports, 2020, 47, 5773-5792.	1.0	12
39	Ginsenoside Rh2 represses autophagy to promote cervical cancer cell apoptosis during starvation. Chinese Medicine, 2020, 15, 118.	1.6	14
40	The cold-soaking extract of Chinese yam (Dioscorea opposita Thunb.) protects against erectile dysfunction by ameliorating testicular function in hydrocortisone-induced KDS-Yang rats and in oxidatively damaged TM3 cells. Journal of Ethnopharmacology, 2020, 263, 113223.	2.0	9
41	Targeting SREBP-2-Regulated Mevalonate Metabolism for Cancer Therapy. Frontiers in Oncology, 2020, 10, 1510.	1.3	83
42	Comparative transcriptome analysis of the main beam and brow tine of sika deer antler provides insights into the molecular control of rapid antler growth. Cellular and Molecular Biology Letters, 2020, 25, 42.	2.7	11
43	Platelet Protease Activated Receptor 1 Is Involved in the Hemostatic Effect of 20(S)-Protopanaxadiol by Regulating Calcium Signaling. Frontiers in Pharmacology, 2020, 11, 549150.	1.6	4
44	Comparative Metabolomics Study Revealed Difference in Central Carbon Metabolism between Sika Deer and Red Deer Antler. International Journal of Genomics, 2020, 2020, 1-7.	0.8	1
45	20(S)-ginsenoside Rg3 promotes myoblast differentiation and protects against myotube atrophy via regulation of the Akt/mTOR/FoxO3 pathway. Biochemical Pharmacology, 2020, 180, 114145.	2.0	16
46	Ginsenoside Rd attenuates ACTH-induced corticosterone secretion by blocking the MC2R-cAMP/PKA/CREB pathway in Y1 mouse adrenocortical cells. Life Sciences, 2020, 245, 117337.	2.0	15
47	Deciphering the potential pharmaceutical mechanism of Guzhi Zengsheng Zhitongwan on rat bone and kidney based on the â€œkidney governing boneâ€•theory. Journal of Orthopaedic Surgery and Research, 2020, 15, 146.	0.9	3
48	Compound K inhibits autophagy-mediated apoptosis induced by oxygen and glucose deprivation/reperfusion via regulating AMPK-mTOR pathway in neurons. Life Sciences, 2020, 254, 117793.	2.0	32
49	Global analysis of tissue-differential gene expression patterns and functional regulation of rapid antler growth. Mammal Research, 2019, 64, 235-248.	0.6	10
50	Identification of potential therapeutic targets of deer antler extract on bone regulation based on serum proteomic analysis. Molecular Biology Reports, 2019, 46, 4861-4872.	1.0	11
51	Ginsenoside Re Inhibits ROS/ASK-1 Dependent Mitochondrial Apoptosis Pathway and Activation of Nrf2-Antioxidant Response in Beta-Amyloid-Challenged SH-SY5Y Cells. Molecules, 2019, 24, 2687.	1.7	52
52	20(S)-Ginsenoside Rg3 Promotes HeLa Cell Apoptosis by Regulating Autophagy. Molecules, 2019, 24, 3655.	1.7	22
53	Proteomics analyses revealed the reduction of carbon- and nitrogen-metabolism and ginsenoside biosynthesis in the red-skin disorder of Panax ginseng. Functional Plant Biology, 2019, 46, 1123.	1.1	5
54	Dissection of the molecular targets and signaling pathways of Guzhi Zengsheng Zhitongwan based on the analysis of serum proteomics. Chinese Medicine, 2019, 14, 29.	1.6	3

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55	Comparative proteomics analysis reveals the difference during antler regeneration stage between red deer and sika deer. PeerJ, 2019, 7, e7299.	0.9	9
56	Proteomic analysis of the effects of antler extract on chondrocyte proliferation, differentiation and apoptosis. Molecular Biology Reports, 2019, 46, 1635-1648.	1.0	13
57	Identification of the miRNA-mRNA regulatory network of antler growth centers. Journal of Biosciences, 2019, 44, 1.	0.5	8
58	Inhibition of Wee1 sensitizes AML cells to ATR inhibitor VE-822-induced DNA damage and apoptosis. Biochemical Pharmacology, 2019, 164, 273-282.	2.0	29
59	Vanillic acid in Panax ginseng root extract inhibits melanogenesis in B16F10 cells via inhibition of the NO/PKG signaling pathway. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1205-1215.	0.6	26
60	Cloning, identification, and functional analysis of bone marrow stromal cell antigen-2 from sika deer (Cervus nippon). Gene, 2018, 661, 133-138.	1.0	0
61	The Chinese Medicinal Formulation Guzhi Zengsheng Zhitongwan Modulates Chondrocyte Structure, Dynamics, and Metabolism by Controlling Multiple Functional Proteins. BioMed Research International, 2018, 2018, 1-12.	0.9	4
62	DiDang Tang Inhibits Endoplasmic Reticulum Stress-Mediated Apoptosis Induced by Oxygen Glucose Deprivation and Intracerebral Hemorrhage Through Blockade of the GRP78-IRE1/PERK Pathways. Frontiers in Pharmacology, 2018, 9, 1423.	1.6	26
63	Guzhi Zengsheng Zhitongwan, a Traditional Chinese Medicinal Formulation, Stimulates Chondrocyte Proliferation through Control of Multiple Genes Involved in Chondrocyte Proliferation and Differentiation. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	0.5	7
64	Antler extracts stimulate chondrocyte proliferation and possess potent anti-oxidative, anti-inflammatory, and immune-modulatory properties. In Vitro Cellular and Developmental Biology - Animal, 2018, 54, 439-448.	0.7	26
65	Comparative Proteomic Analysis of Rana chensinensis Oviduct. Molecules, 2018, 23, 1384.	1.7	6
66	Compound K Inhibits Autophagy-Mediated Apoptosis Through Activation of the PI3K-Akt Signaling Pathway Thus Protecting Against Ischemia/Reperfusion Injury. Cellular Physiology and Biochemistry, 2018, 47, 2589-2601.	1.1	37
67	Panax ginseng total protein promotes proliferation and secretion ofÂcollagen in NIH/3T3 cells by activating extracellular signal-related kinase pathway. Journal of Ginseng Research, 2017, 41, 411-418.	3.0	24
68	Proteomic Analyses Provide Novel Insights into Plant Growth and Ginsenoside Biosynthesis in Forest Cultivated Panax ginseng (F. Ginseng). Frontiers in Plant Science, 2016, 7, 1.	1.7	1,323
69	Preventive Effects of Collagen Peptide from Deer Sinew on Bone Loss in Ovariectomized Rats. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	0.5	12
70	An Extraction Method Suitable for Two-Dimensional Electrophoresis of Low-abundant Proteins from Ginseng Roots. Lecture Notes in Electrical Engineering, 2014, , 1407-1417.	0.3	0
71	SERS study of different configurations of pharmaceutical and natural product molecules ginsenoside Rg3 under the interaction with human serum albumin on simple self-assembled substrate. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 210-215.	2.0	9
72	Proteomic changes in different growth periods of ginseng roots. Plant Physiology and Biochemistry, 2013, 67, 20-32.	2.8	31

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73	Steroidal alkaloids from Veratrum nigrum. Chemistry of Natural Compounds, 2012, 48, 919-920.	0.2	5
74	SERS spectroscopy of kaempferol and galangin under the interaction of human serum albumin with adsorbed silver nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 92, 234-237.	2.0	14
75	The anti-hyperplasia of mammary gland effect of Thladiantha dubia root ethanol extract in rats reduced by estrogen and progestogen. Journal of Ethnopharmacology, 2011, 134, 136-140.	2.0	32
76	The analgesic and anti-rheumatic effects of Thladiantha dubia fruit crude polysaccharide fraction in mice and rats. Journal of Ethnopharmacology, 2011, 137, 1381-1387.	2.0	12
77	The orientation of protoberberine alkaloids and their binding activities to human serum albumin by surface-enhanced Raman scattering. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1105-1109.	2.0	16
78	The auxiliary determination of the binding site of berberine binding to human serum albumin by surface-enhanced Raman scattering. Vibrational Spectroscopy, 2011, 55, 65-68.	1.2	13
79	A new lignan from Saururus chinensis. Chemistry of Natural Compounds, 2010, 46, 631-633.	0.2	4
80	GC-MS analysis of the supercritical CO2 fluid extraction of Ephedra sinica roots and its antisudorific activity. Chemistry of Natural Compounds, 2009, 45, 434-436.	0.2	8
81	Quality Assessment of Veratrum nigrum L. by LC-ELSD Fingerprints and LC Quantitative Analysis. Chromatographia, 2008, 68, 961-967.	0.7	4
82	Dimeric Proanthocyanidins from the Roots ofEphedra sinica. Planta Medica, 2008, 74, 1823-1825.	0.7	22
83	ent-Sauchinone from Saururus chinensis. Heterocycles, 2008, 75, 1241.	0.4	13