# Daqing Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/324734/publications.pdf

Version: 2024-02-01

| 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 | 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 |
| 2 | Targeting SREBP-2-Regulated Mevalonate Metabolism for Cancer Therapy. Frontiers in Oncology, 2020, 10, 1510. | 1.3 | 83 |
| 3 | 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 |
| 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 | 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 |
| 6 | 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 |
| 7 | Ginsenoside extract from ginseng extends lifespan and health span in Caenorhabditis elegans. Food and Function, 2021, 12, 6793-6808. | 2.1 | 33 |
| 8 | 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 |
| 9 | 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 |
| 10 | Proteomic changes in different growth periods of ginseng roots. Plant Physiology and Biochemistry, 2013, 67, 20-32. | 2.8 | 31 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Panax ginseng clinical trials: Current status and future perspectives. Biomedicine and Pharmacotherapy, 2020, 132, 110832. | 2.5 | 23 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Dimeric Proanthocyanidins from the Roots ofEphedra sinica. Planta Medica, 2008, 74, 1823-1825. | 0.7 | 22 |
| 20 | 20(S)-Ginsenoside Rg3 Promotes HeLa Cell Apoptosis by Regulating Autophagy. Molecules, 2019, 24, 3655. | 1.7 | 22 |
| 21 | 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 |
| 22 | Targeting Sirtuin 1 signaling pathway by ginsenosides. Journal of Ethnopharmacology, 2021, 268, 113657. | 2.0 | 20 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Ginsenoside Rh2 represses autophagy to promote cervical cancer cell apoptosis during starvation. Chinese Medicine, 2020, 15, 118. | 1.6 | 14 |
| 33 | 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 |
| 34 | ent-Sauchinone from Saururus chinensis. Heterocycles, 2008, 75, 1241. | 0.4 | 13 |
| 35 | 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 |
| 36 | Proteomic analysis of the effects of antler extract on chondrocyte proliferation, differentiation and apoptosis. Molecular Biology Reports, 2019, 46, 1635-1648. | 1.0 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Runx3 regulates chondrocyte phenotype by controlling multiple genes involved in chondrocyte proliferation and differentiation. Molecular Biology Reports, 2020, 47, 5773-5792. | 1.0 | 12 |
| 41 | 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 |
| 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 | 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 |
| 44 | Global analysis of tissue-differential gene expression patterns and functional regulation of rapid antler growth. Mammal Research, 2019, 64, 235-248. | 0.6 | 10 |
| 45 | 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 |
| 46 | 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 |
| 47 | Comparative proteomics analysis reveals the difference during antler regeneration stage between red deer and sika deer. PeerJ, 2019, 7, e7299. | 0.9 | 9 |
| 48 | 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 |
| 49 | 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 |
| 50 | Identification of the miRNA-mRNA regulatory network of antler growth centers. Journal of Biosciences, 2019, 44, 1. | 0.5 | 8 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | Investigating the molecular control of deer antler extract on articular cartilage. Journal of Orthopaedic Surgery and Research, 2021, 16, 8. | 0.9 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 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 |
| 56 | 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 |
| 57 | Comparative Proteomic Analysis of Rana chensinensis Oviduct. Molecules, 2018, 23, 1384. | 1.7 | 6 |
| 58 | 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 |
| 59 | 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 |
| 60 | Ginseng in vascular dysfunction: A review of therapeutic potentials and molecular mechanisms. Phytotherapy Research, 2022, 36, 857-872. | 2.8 | 6 |
| 61 | 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 |
| 62 | 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 |
| 63 | Steroidal alkaloids from Veratrum nigrum. Chemistry of Natural Compounds, 2012, 48, 919-920. | 0.2 | 5 |
| 64 | 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 |
| 65 | Xianling Gubao Capsule Prevents Cadmium-Induced Kidney Injury. BioMed Research International, 2021, 2021, 1-9. | 0.9 | 5 |
| 66 | Quality Assessment of Veratrum nigrum L. by LC-ELSD Fingerprints and LC Quantitative Analysis. Chromatographia, 2008, 68, 961-967. | 0.7 | 4 |
| 67 | A new lignan from Saururus chinensis. Chemistry of Natural Compounds, 2010, 46, 631-633. | 0.2 | 4 |
| 68 | 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 |
| 69 | 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 |
| 70 | 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 |
| 71 | Wenfei Buqi Tongluo Formula Against Bleomycin-Induced Pulmonary Fibrosis by Inhibiting TGF-Î²/Smad3 Pathway. Frontiers in Pharmacology, 2021, 12, 762998. | 1.6 | 4 |
| 72 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | 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 |
| 74 | 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 |
| 75 | Comparison of Gene Expression Patterns in Articular Cartilage and Xiphoid Cartilage. Biochemical Genetics, 2022, 60, 676-706. | 0.8 | 3 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | Protective Effects of the Wenfei Buqi Tongluo Formula on the Inflammation in Idiopathic Pulmonary Fibrosis through Inhibiting the TLR4/MyD88/NF-ÎºB Pathway. BioMed Research International, 2022, 2022, 1-13. | 0.9 | 0 |