

# Jing Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,425  
citations

201385

27  
h-index

233125

45  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2936  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Comparison for quantification of eight components in <i>Alpinia officinarum</i> Hance by using high-performance liquid chromatography coupled with diode array detector and charged aerosol detector with individual and substitute reference compound. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114545. | 1.4 | 4         |
| 2  | Assessment of Reporting Quality in Randomized Controlled Trials of Acupuncture for Primary Insomnia with CONSORT Statement and STRICTA Guidelines. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.   | 0.5 | 4         |
| 3  | Editorial: Action and Mechanism of Herbal Glycans. <i>Frontiers in Pharmacology</i> , 2022, 13, 883055.   | 1.6 | 0         |
| 4  | Polysaccharides, Next Potential Agent for the Treatment of Epilepsy?. <i>Frontiers in Pharmacology</i> , 2022, 13, 790136.  | 1.6 | 2         |
| 5  | A quantitative method for polysaccharides based on endo-enzymatic released specific oligosaccharides: A case of <i>Lentinus edodes</i> . <i>International Journal of Biological Macromolecules</i> , 2022, 205, 15-22.  | 3.6 | 8         |
| 6  | Fast saccharide mapping method for quality consistency evaluation of commercial xylooligosaccharides collected in China. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 284-291.   | 2.4 | 7         |
| 7  | Recent applications of magnetic solid phase extraction in sample preparation for phytochemical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 192, 113675.  | 1.4 | 38        |
| 8  | Adsorbed hollow fiber immobilized tyrosinase for the screening of enzyme inhibitors from <i>Pueraria lobata</i> extract. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 193, 113743.  | 1.4 | 13        |
| 9  | Application of smartphone in detection of thin-layer chromatography: Case of <i>salvia miltiorrhiza</i> . <i>Journal of Chromatography A</i> , 2021, 1637, 461826.  | 1.8 | 12        |
| 10 | Anti-fouling poly adenine coating combined with highly specific CD20 epitope mimetic peptide for rituximab detection in clinical patients' plasma. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112678.  | 5.3 | 18        |
| 11 | Recent advances in total syntheses of natural products containing the benzocycloheptane motif. <i>Natural Product Reports</i> , 2021, 38, 1821-1851.  | 5.2 | 16        |
| 12 | Global landscape of patents related to human coronaviruses. <i>International Journal of Biological Sciences</i> , 2021, 17, 1588-1599.  | 2.6 | 10        |
| 13 | Heart Failure With Mid-range Ejection Fraction: A Distinctive Subtype or a Transitional Stage?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 678121.  | 1.1 | 6         |
| 14 | Recent advances in therapeutic nucleic acids and their analytical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114368.  | 1.4 | 22        |
| 15 | Recent development in the application of immobilized oxidative enzymes for bioremediation of hazardous micropollutants – A review. <i>Chemosphere</i> , 2020, 239, 124716.  | 4.2 | 121       |
| 16 | Determination of seven oligosaccharides and sucrose in <i>Pseudostellaria heterophylla</i> by pressurized liquid extraction and ultra-high performance liquid chromatography with charged aerosol detector and tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1609, 460441.                                     | 1.8 | 12        |
| 17 | A Chromosome-Level Genome Assembly of <i>Dendrobium Huoshanense</i> Using Long Reads and Hi-C Data. <i>Genome Biology and Evolution</i> , 2020, 12, 2486-2490.  | 1.1 | 30        |
| 18 | <i>Ganoderma</i> spore powder contains little triterpenoids. <i>Chinese Medicine</i> , 2020, 15, 111.   | 1.6 | 10        |

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|----|--|-----|-----------|
| 19 | Synergistic immunomodulatory effect of complex polysaccharides from seven herbs and their major active fractions. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 530-541.  | 3.6 | 19        |
| 20 | Comparison of volatile compounds in different parts of fresh <i>Amomum villosum</i> Lour. from different geographical areas using cryogenic grinding combined HS-SPME-GC-MS. <i>Chinese Medicine</i> , 2020, 15, 97.   | 1.6 | 16        |
| 21 | Decoding active components in a formulation of multiple herbs for treatment of psoriasis based on three cell lines fishing and liquid chromatography-mass spectrometry analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113331. | 1.4 | 12        |
| 22 | Overview of pharmacological activities of <i>Andrographis paniculata</i> and its major compound andrographolide. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S17-S29.  | 5.4 | 184       |
| 23 | Functional polysaccharides of carob fruit: a review. <i>Chinese Medicine</i> , 2019, 14, 40.   | 1.6 | 39        |
| 24 | Asymmetric synthesis of the tetracyclic core of bufogargarizin C by an intramolecular [5 + 2] cycloaddition. <i>Organic Chemistry Frontiers</i> , 2019, 6, 22-26.  | 2.3 | 10        |
| 25 | High-Performance Thin-Layer Chromatographic Fingerprints of Triterpenoids for Distinguishing Between <i>Isodon lophanthoides</i> and <i>Isodon lophanthoides</i> var. <i>gerardianus</i> . <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 714-719.          | 0.7 | 5         |
| 26 | Chemistry, pharmacology and analysis of <i>Pseudostellaria heterophylla</i> : a mini-review. <i>Chinese Medicine</i> , 2019, 14, 21.   | 1.6 | 19        |
| 27 | Comparison of Antioxidant Activity and Main Active Compounds Among Different Parts of <i>Alpinia officinarum</i> Hance Using High-Performance Thin Layer Chromatography-Bioautography. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 726-733.              | 0.7 | 13        |
| 28 | Dynamic Analysis of Nucleosides and Carbohydrates during Developmental Stages of <i>Cordyceps militaris</i> in Silkworm ( <i>Bombyxmori</i> ). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 741-747.  | 0.7 | 6         |
| 29 | Facing the Challenge for Quality Control of Chinese Medicines. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 687-688.  | 0.7 | 4         |
| 30 | 2-O- $\beta$ -d-glucopyranosyl- $\gamma$ -ascorbic acid, a novel vitamin C derivative from <i>Lycium barbarum</i> , prevents oxidative stress. <i>Redox Biology</i> , 2019, 24, 101173.  | 3.9 | 22        |
| 31 | Lanostane triterpenes from the mushroom <i>Ganoderma resinaceum</i> and their inhibitory activities against $\beta$ -glucosidase. <i>Phytochemistry</i> , 2018, 149, 103-115.  | 1.4 | 37        |
| 32 | Preparation and identification of oligosaccharides in lotus seeds and determination of their distribution in different parts of lotus. <i>Electrophoresis</i> , 2018, 39, 2020-2028.   | 1.3 | 2         |
| 33 | Recent synthetic studies towards natural products <i>via</i> [5 + 2] cycloaddition reactions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1217-1228.   | 2.3 | 57        |
| 34 | Development and application of bio-sample quantification to evaluate stability and pharmacokinetics of inulin-type fructo-oligosaccharides from <i>Morinda Officinalis</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 125-132.    | 1.4 | 8         |
| 35 | Advanced strategies for quality control of Chinese medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 473-478.   | 1.4 | 49        |
| 36 | Chemical characterization and immunomodulatory activity of acetylated polysaccharides from <i>Dendrobium devonianum</i> . <i>Carbohydrate Polymers</i> , 2018, 180, 238-245.   | 5.1 | 76        |

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|----|--|-----|-----------|
| 37 | Synthetic Study toward the Total Synthesis of Taxezopidines A and B. <i>Organic Letters</i> , 2018, 20, 5905-5909.   | 2.4 | 8         |
| 38 | Phytochemicals, pharmacology, clinical application, patents, and products of <i>Amomi fructus</i> . <i>Food and Chemical Toxicology</i> , 2018, 119, 31-36.  | 1.8 | 42        |
| 39 | Qualitation and quantification of water soluble non-starch polysaccharides from <i>Pseudostellaria heterophylla</i> in China using saccharide mapping and multiple chromatographic methods. <i>Carbohydrate Polymers</i> , 2018, 199, 619-627. | 5.1 | 31        |
| 40 | A Mechanistic Overview of Triptolide and Celastrol, Natural Products from <i>Tripterygium wilfordii</i> Hook F. <i>Frontiers in Pharmacology</i> , 2018, 9, 104.   | 1.6 | 217       |
| 41 | Isolation, Structural Elucidation, and $\beta$ -Glucosidase Inhibitory Activities of Triterpenoid Lactones and Their Relevant Biogenetic Constituents from <i>Ganoderma resinaceum</i> . <i>Molecules</i> , 2018, 23, 1391.                    | 1.7 | 6         |
| 42 | Preparation and Application of Standardized Typical Volatile Components Fraction from Turmeric ( <i>Curcuma longa</i> L.) by Supercritical Fluid Extraction and Step Molecular Distillation. <i>Molecules</i> , 2018, 23, 1831.                | 1.7 | 19        |
| 43 | Comparison of Immunomodulatory Effects of Fresh Garlic and Black Garlic Polysaccharides on RAW 264.7 Macrophages. <i>Journal of Food Science</i> , 2017, 82, 765-771.  | 1.5 | 65        |
| 44 | Toward the Total Synthesis of Eurifoloid A. <i>Organic Letters</i> , 2017, 19, 2742-2745.  | 2.4 | 40        |
| 45 | A new nortriterpenoid and an ergostane-type steroid from the fruiting bodies of the fungus <i>Ganoderma resinaceum</i> . <i>Journal of Asian Natural Products Research</i> , 2017, 19, 1239-1244.  | 0.7 | 7         |
| 46 | Asymmetric Total Syntheses of Colchicine, $\beta$ -Lumicolchicine, and Allocolchicinoid <i>N</i> -Acetylcolchicolol-O-methyl Ether (NCME). <i>Organic Letters</i> , 2017, 19, 4612-4615.   | 2.4 | 15        |
| 47 | Effects of Polysaccharides in <i>Lycium Barbarum</i> Berries from Different Regions of China on Macrophages Function and their Correlation to the Glycosidic Linkages. <i>Journal of Food Science</i> , 2017, 82, 2411-2420.                   | 1.5 | 20        |
| 48 | Potential molecular mechanisms for fruiting body formation of <i>Cordyceps</i> illustrated in the case of <i>Cordyceps sinensis</i> . <i>Mycology</i> , 2017, 8, 231-258.  | 2.0 | 10        |
| 49 | Molecular characterization of branched polysaccharides from <i>Tremella fuciformis</i> by asymmetrical flow field-flow fractionation and size exclusion chromatography. <i>Journal of Separation Science</i> , 2017, 40, 4272-4280.            | 1.3 | 21        |
| 50 | Evaluation on quality consistency of <i>Ganoderma lucidum</i> dietary supplements collected in the United States. <i>Scientific Reports</i> , 2017, 7, 7792.   | 1.6 | 29        |
| 51 | Quantitative analysis of flavonoids and phenolic acid in <i>Coreopsis tinctoria</i> Nutt. by capillary zone electrophoresis. <i>Electrophoresis</i> , 2017, 38, 2654-2661.   | 1.3 | 20        |
| 52 | Converting <i>Panax ginseng</i> DNA and chemical fingerprints into two-dimensional barcode. <i>Journal of Ginseng Research</i> , 2017, 41, 339-346.  | 3.0 | 1         |
| 53 | Nortriterpenoids from the Fruiting Bodies of the Mushroom <i>Ganoderma resinaceum</i> . <i>Molecules</i> , 2017, 22, 1073.   | 1.7 | 15        |
| 54 | Community pharmacists' perceptions about pharmaceutical service of over-the-counter traditional Chinese medicine: a survey study in Harbin of China. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 9.                          | 3.7 | 20        |

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|----|--|-----|-----------|
| 55 | SUSTAINABLE DEVELOPMENT OF AMOMUM VILLOSUM: A SYSTEMATIC INVESTIGATION ON THREE DIFFERENT PRODUCTION MODES. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 97-104.  | 0.3 | 12        |
| 56 | Community Pharmacists's Perceptions about Pharmaceutical Care of Traditional Medicine Products: A Questionnaire-Based Cross-Sectional Study in Guangzhou, China. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.  | 0.5 | 9         |
| 57 | Chemical characteristics of different parts of <i>Coreopsis tinctoria</i> in China using microwave-assisted extraction and high-performance liquid chromatography followed by chemometric analysis. <i>Journal of Separation Science</i> , 2016, 39, 2919-2927.  | 1.3 | 15        |
| 58 | Rapid Identification and Comparison of Compounds with Antioxidant Activity in <i>Coreopsis tinctoria</i> Herbal Tea by High-Performance Thin-Layer Chromatography Coupled with DPPH Bioautography and Densitometry. <i>Journal of Food Science</i> , 2016, 81, C2218-23.   | 1.5 | 20        |
| 59 | Microwave-Assisted Extraction, Chemical Structures, and Chain Conformation of Polysaccharides from a Novel <i>Cordyceps Sinensis</i> Fungus UM01. <i>Journal of Food Science</i> , 2016, 81, C2167-74.   | 1.5 | 21        |
| 60 | Cordyceps collected from Bhutan, an appropriate alternative of Cordyceps sinensis. <i>Scientific Reports</i> , 2016, 6, 37668.   | 1.6 | 7         |
| 61 | Qualitation and quantification of specific polysaccharides from Panax species using GC-MS, saccharide mapping and HPSEC-RID-MALLS. <i>Carbohydrate Polymers</i> , 2016, 153, 47-54.  | 5.1 | 69        |
| 62 | Qualitative and quantitative analysis of specific polysaccharides in <i>Dendrobium huoshanense</i> by using saccharide mapping and chromatographic methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 163-171.   | 1.4 | 50        |
| 63 | Simultaneous determination of molecular weights and contents of water-soluble polysaccharides and their fractions from <i>Lycium barbarum</i> collected in China. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 210-218.   | 1.4 | 60        |
| 64 | Optimization of microwave-assisted extraction of bioactive alkaloids from lotus plumule using response surface methodology. <i>Journal of Pharmaceutical Analysis</i> , 2016, 6, 382-388.  | 2.4 | 52        |
| 65 | Comparison and Characterization of Compounds with Antioxidant Activity in <i>Lycium barbarum</i> Using High-Performance Thin Layer Chromatography Coupled with DPPH Bioautography and Tandem Mass Spectrometry. <i>Journal of Food Science</i> , 2016, 81, C1378-84.   | 1.5 | 14        |
| 66 | Discovery of active components in herbs using chromatographic separation coupled with online bioassay. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 81-90.  | 1.2 | 25        |
| 67 | Advanced development in phytochemicals analysis of medicine and food dual purposes plants used in China (2011-2014). <i>Journal of Chromatography A</i> , 2016, 1428, 39-54.   | 1.8 | 28        |
| 68 | Quantitative analysis of acankoreoside A and acankoreagenin in the leaves of <i>Schefflera octophylla</i> and <i>Schefflera actinophylla</i> using pressurized liquid extraction and high-performance liquid chromatography coupled with evaporative light scattering detection. <i>Journal of Separation Science</i> , 2015, 38, 2201-2207. | 1.3 | 5         |
| 69 | An evaluation system for characterization of polysaccharides from the fruiting body of <i>Hericium erinaceus</i> and identification of its commercial product. <i>Carbohydrate Polymers</i> , 2015, 124, 201-207.  | 5.1 | 39        |
| 70 | Characterization and comparison of polysaccharides from <i>Lycium barbarum</i> in China using saccharide mapping based on PACE and HPTLC. <i>Carbohydrate Polymers</i> , 2015, 134, 12-19.   | 5.1 | 46        |
| 71 | A rapid and accurate method for the quantitative estimation of natural polysaccharides and their fractions using high performance size exclusion chromatography coupled with multi-angle laser light scattering and refractive index detector. <i>Journal of Chromatography A</i> , 2015, 1400, 98-106.                                      | 1.8 | 106       |
| 72 | Fermentation optimization for the production of bioactive polysaccharides from <i>Cordyceps sinensis</i> fungus UM01. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 180-185.   | 3.6 | 29        |

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| 73 | Characterization and discrimination of polysaccharides from different species of Cordyceps using saccharide mapping based on PACE and HPTLC. Carbohydrate Polymers, 2014, 103, 100-109.  | 5.1 | 58        |
| 74 | Chain conformation and immunomodulatory activity of a hyperbranched polysaccharide from Cordyceps sinensis. Carbohydrate Polymers, 2014, 110, 405-414.   | 5.1 | 94        |
| 75 | Advanced development in analysis of phytochemicals from medicine and food dual purposes plants used in China. Journal of Chromatography A, 2011, 1218, 7453-7475.  | 1.8 | 45        |
| 76 | Free Radical Scavenging Activity and Characterization of Sesquiterpenoids in Four Species of Curcuma Using a TLC Bioautography Assay and GC-MS Analysis. Molecules, 2010, 15, 7547-7557.   | 1.7 | 73        |
| 77 | Quality evaluation of Ganoderma through simultaneous determination of nine triterpenes and sterols using pressurized liquid extraction and high performance liquid chromatography. Journal of Separation Science, 2006, 29, 2609-2615. | 1.3 | 44        |