

Jing Zhao

List of Publications by Year in descending order

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papers

2,425
citations

201385

27
h-index

233125

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79
times ranked

2936
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Chain conformation and immunomodulatory activity of a hyperbranched polysaccharide from <i>Cordyceps sinensis</i> . <i>Carbohydrate Polymers</i> , 2014, 110, 405-414.	5.1	94
6	Chemical characterization and immunomodulatory activity of acetylated polysaccharides from <i>Dendrobium devonianum</i> . <i>Carbohydrate Polymers</i> , 2018, 180, 238-245.	5.1	76
7	Free Radical Scavenging Activity and Characterization of Sesquiterpenoids in Four Species of <i>Curcuma</i> Using a TLC Bioautography Assay and GC-MS Analysis. <i>Molecules</i> , 2010, 15, 7547-7557.	1.7	73
8	Qualitation and quantification of specific polysaccharides from <i>Panax</i> species using GC-MS, saccharide mapping and HPSEC-RID-MALLS. <i>Carbohydrate Polymers</i> , 2016, 153, 47-54.	5.1	69
9	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
10	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
11	Characterization and discrimination of polysaccharides from different species of <i>Cordyceps</i> using saccharide mapping based on PACE and HPTLC. <i>Carbohydrate Polymers</i> , 2014, 103, 100-109.	5.1	58
12	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
13	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
14	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
15	Advanced strategies for quality control of Chinese medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 473-478.	1.4	49
16	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
17	Advanced development in analysis of phytochemicals from medicine and food dual purposes plants used in China. <i>Journal of Chromatography A</i> , 2011, 1218, 7453-7475.	1.8	45
18	Quality evaluation of <i>Ganoderma</i> through simultaneous determination of nine triterpenes and sterols using pressurized liquid extraction and high performance liquid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 2609-2615.	1.3	44

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19	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
20	Toward the Total Synthesis of Eurifoloid A. <i>Organic Letters</i> , 2017, 19, 2742-2745.	2.4	40
21	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
22	Functional polysaccharides of carob fruit: a review. <i>Chinese Medicine</i> , 2019, 14, 40.	1.6	39
23	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
24	Lanostane triterpenes from the mushroom <i>Ganoderma resinaceum</i> and their inhibitory activities against α -glucosidase. <i>Phytochemistry</i> , 2018, 149, 103-115.	1.4	37
25	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
26	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
27	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
28	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
29	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
30	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
31	2-O- β -d-glucopyranosyl- γ -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
32	Recent advances in therapeutic nucleic acids and their analytical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114368.	1.4	22
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	Chemistry, pharmacology and analysis of <i>Pseudostellaria heterophylla</i> : a mini-review. <i>Chinese Medicine</i> , 2019, 14, 21.	1.6	19
41	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
42	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
43	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
44	Recent advances in total syntheses of natural products containing the benzocycloheptane motif. <i>Natural Product Reports</i> , 2021, 38, 1821-1851.	5.2	16
45	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
46	Asymmetric Total Syntheses of Colchicine, $\hat{1}^2$ -Lumicolchicine, and Allocolchicinoid <i>N</i> -Acetylcolchinel- <i>O</i> -methyl Ether (NCME). <i>Organic Letters</i> , 2017, 19, 4612-4615.	2.4	15
47	Nortriterpenoids from the Fruiting Bodies of the Mushroom <i>Ganoderma resinaceum</i> . <i>Molecules</i> , 2017, 22, 1073.	1.7	15
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	<i>Ganoderma</i> spore powder contains little triterpenoids. <i>Chinese Medicine</i> , 2020, 15, 111.	1.6	10
58	Global landscape of patents related to human coronaviruses. <i>International Journal of Biological Sciences</i> , 2021, 17, 1588-1599.	2.6	10
59	Community Pharmacists' 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
60	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
61	Synthetic Study toward the Total Synthesis of Taxezopidines A and B. <i>Organic Letters</i> , 2018, 20, 5905-5909.	2.4	8
62	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
63	<i>Cordyceps</i> collected from Bhutan, an appropriate alternative of <i>Cordyceps sinensis</i> . <i>Scientific Reports</i> , 2016, 6, 37668.	1.6	7
64	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
65	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
66	Isolation, Structural Elucidation, and β -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
67	Dynamic Analysis of Nucleosides and Carbohydrates during Developmental Stages of <i>Cordyceps militaris</i> in Silkworm (<i>Bombyx mori</i>). <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 741-747.	0.7	6
68	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
69	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
70	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
71	Facing the Challenge for Quality Control of Chinese Medicines. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 687-688.	0.7	4
72	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

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73	Assessment of Reporting Quality in Randomized Controlled Trials of Acupuncture for Primary Insomnia with CONSORT Statement and STRICTA Guidelines. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	4
74	Preparation and identification of oligosaccharides in lotus seeds and determination of their distribution in different parts of lotus. Electrophoresis, 2018, 39, 2020-2028.	1.3	2
75	Polysaccharides, Next Potential Agent for the Treatment of Epilepsy?. Frontiers in Pharmacology, 2022, 13, 790136.	1.6	2
76	Converting Panax ginseng DNA and chemical fingerprints into two-dimensional barcode. Journal of Ginseng Research, 2017, 41, 339-346.	3.0	1
77	Editorial: Action and Mechanism of Herbal Glycans. Frontiers in Pharmacology, 2022, 13, 883055.	1.6	0