

Zheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,499
citations

279798

23
h-index

377865

34
g-index

81
all docs

81
docs citations

81
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable Selection Based on Gray Wolf Optimization Algorithm for the Prediction of Saponin Contents in Xuesaitong Dropping Pills Using NIR Spectroscopy. <i>Journal of Pharmaceutical Innovation</i> , 2023, 18, 43-59.	2.4	3
2	Signal enhancing strategies in aptasensors for the detection of small molecular contaminants by nanomaterials and nucleic acid amplification. <i>Talanta</i> , 2022, 236, 122866.	5.5	36
3	Multi-level fingerprinting and cardiomyocyte protection evaluation for comparing polysaccharides from six Panax herbal medicines. <i>Carbohydrate Polymers</i> , 2022, 277, 118867.	10.2	24
4	A strategy based on gene sequencing and molecular docking for analysis and prediction of bioactive peptides in Shuxuetong injection. <i>Biophysical Chemistry</i> , 2022, 282, 106749.	2.8	4
5	Targeted drug delivery vehicles mediated by nanocarriers and aptamers for posterior eye disease therapeutics: barriers, recent advances and potential opportunities. <i>Nanotechnology</i> , 2022, 33, 162001.	2.6	7
6	Quality differentiation method of similar phytomedicines with high sugar content based on the sugar-marker: Taking <i>Schisandrae Chinensis Fructus</i> and <i>Schisandrae Sphenantherae Fructus</i> as an example. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103727.	4.9	1
7	Resveratrol Treats UVB-Induced Photoaging by Anti-MMP Expression, through Anti-Inflammatory, Antioxidant, and Antiapoptotic Properties, and Treats Photoaging by Upregulating VEGF-B Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	42
8	A facile "turn-on" fluorescent aptasensor for simultaneous detection of dual mycotoxins in traditional Chinese medicine based on graphene oxide and FRET. <i>Toxicon</i> , 2022, 206, 42-50.	1.6	13
9	Advances and challenges in ginseng research from 2011 to 2020: the phytochemistry, quality control, metabolism, and biosynthesis. <i>Natural Product Reports</i> , 2022, 39, 875-909.	10.3	53
10	An in silico and in vitro integrated analysis method to reveal the curative mechanisms and pharmacodynamic substances of Bufe granule on chronic obstructive pulmonary disease. <i>Molecular Diversity</i> , 2022, , 1.	3.9	0
11	A feasibility study on improving the non-invasive detection accuracy of bottled Shuanghuanglian oral liquid using near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 274, 121120.	3.9	2
12	An integration of UPLC-QTOF/MS and chemometrics analysis for the holistic quality evaluation of different geographical <i>Paederia scandens</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9317.	1.5	3
13	Dissolution profiles prediction of sinomenine hydrochloride sustained-release tablets using Raman mapping technique. <i>International Journal of Pharmaceutics</i> , 2022, 620, 121743.	5.2	10
14	Real-time monitoring of the column chromatographic process of <i>Phellodendri Chinensis Cortex</i> part II: multivariate statistical process control based on near-infrared spectroscopy. <i>New Journal of Chemistry</i> , 2022, 46, 10690-10699.	2.8	5
15	Compounds with NO inhibitory effect from the rattan stems of <i>Sinomenium acutum</i> , A kind of Chinese folk medicine for treating rheumatoid arthritis. <i>Chemistry and Biodiversity</i> , 2022, , .	2.1	1
16	Discrimination and Characterization of the Volatile Organic Compounds in <i>Schizonepetae Spica</i> from Six Regions of China Using HS-GC-IMS and HS-SPME-GC-MS. <i>Molecules</i> , 2022, 27, 4393.	3.8	7
17	Recent advances in aptasensors for mycotoxin detection: On the surface and in the colloid. <i>Talanta</i> , 2021, 223, 121729.	5.5	42
18	A comprehensive application: Molecular docking and network pharmacology for the prediction of bioactive constituents and elucidation of mechanisms of action in component-based Chinese medicine. <i>Computational Biology and Chemistry</i> , 2021, 90, 107402.	2.3	98

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19	Base-promoted, CBr ₄ -mediated tandem bromination/intramolecular Friedel-Crafts alkylation of <i>N</i> -aryl enamines: a facile access to 1- and 3-hydroxy-indoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5377-5382.	2.8	6
20	Enhanced Anticancer Efficacy of Dual Drug-Loaded Self-Assembled Nanostructured Lipid Carriers Mediated by pH-Responsive Folic Acid and Human-Derived Cell Penetrating Peptide dNP2. <i>Pharmaceutics</i> , 2021, 13, 600.	4.5	11
21	Phytochemical Constituents and Biological Activities of Plants from the Genus <i>Cissampelos</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100358.	2.1	1
22	Quality assessment of <i>Succus Bambusae</i> oral liquids based on gas chromatography/mass spectrometry fingerprints and chemometrics. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9200.	1.5	7
23	Strategy for the multi-component characterization and quality evaluation of volatile organic components in Kaixin San by correlating the analysis by headspace gas chromatography/ion mobility spectrometry and headspace gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9174.	1.5	5
24	A feasibility research on the application of machine vision technology in appearance quality inspection of Xuesaitong dropping pills. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 258, 119787.	3.9	12
25	The multicomponent characterization of Shuanghe decoction by dimension-enhanced data-independent HDMSE: Focusing on the performance comparison between MSE and HDMSE. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103356.	4.9	6
26	Global identification and determination of the major constituents in Kai-Xin-San by ultra-performance liquid chromatography-quadrupole-Orbitrap mass spectrometry and gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114385.	2.8	10
27	Additive-Free Copper(I)-Mediated Synthesis of 5- or 6-Brominated 2-Aryl-1-hydroxy-Indole-3-Carboxylates from 1,1-Dibromo-2-Iminoesters. <i>Journal of Organic Chemistry</i> , 2021, 86, 1964-1971.	3.2	7
28	Studies on the Separation and Purification of the <i>Caulis sinomenii</i> Extract Solution Using Microfiltration and Ultrafiltration. <i>Separations</i> , 2021, 8, 185.	2.4	5
29	A comprehensive review of pharmacokinetic and pharmacodynamic in animals: exploration of interaction with antibiotics of Shuang-Huang-Lian preparations. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, .	2.1	1
30	A disposable gold foil paper-based aptasensor for detection of enteropathogenic <i>Escherichia coli</i> with SERS analysis and magnetic separation technology. <i>Mikrochimica Acta</i> , 2021, 188, 396.	5.0	7
31	Quality Distinguish of Red Ginseng from Different Origins by HPLC-ELSD/PDA Combined with HPSEC-MALLS-RID, Focus on the Sugar-Markers. <i>Separations</i> , 2021, 8, 198.	2.4	5
32	Authentication of Zingiber Species Based on Analysis of Metabolite Profiles. <i>Frontiers in Plant Science</i> , 2021, 12, 705446.	3.6	7
33	Advances in the Study of the Potential Hepatotoxic Components and Mechanism of <i>Polygonum multiflorum</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	3
34	Ten New Dammarane-Type Saponins with Hypolipidemia Activity from a Functional Herbal Tea <i>Gynostemma pentaphyllum</i> . <i>Molecules</i> , 2020, 25, 3737.	3.8	15
35	A near-infrared spectroscopy-based end-point determination method for the blending process of Dahuang soda tablets. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 897-910.	2.8	6
36	Trimethyl chitosan nanoparticles for ocular baicalein delivery: Preparation, optimization, in vitro evaluation, in vivo pharmacokinetic study and molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 749-761.	7.5	30

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37	Integration of multicomponent characterization, untargeted metabolomics and mass spectrometry imaging to unveil the holistic chemical transformations and key markers associated with wine steaming of <i>Ligustri Lucidi Fructus</i> . <i>Journal of Chromatography A</i> , 2020, 1624, 461228.	3.7	25
38	Anti-inflammatory canthin-6-one alkaloids from the roots of Thailand <i>Eurycoma longifolia</i> Jack. <i>Journal of Natural Medicines</i> , 2020, 74, 804-810.	2.3	8
39	Metal-Free Halogenation of N-Substituted Enaminoesters and Enaminones: A Facile Access to Functionalized β,β -Dihaloimines. <i>Synthesis</i> , 2020, 52, 1301-1314.	2.3	2
40	Comparison of Different Chitosan Lipid Nanoparticles for Improved Ophthalmic Tetrandrine Delivery: Formulation, Characterization, Pharmacokinetic and Molecular Dynamics Simulation. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 3625-3635.	3.3	13
41	Advances in Pharmacological Actions and Mechanisms of Flavonoids from Traditional Chinese Medicine in Treating Chronic Obstructive Pulmonary Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-10.	1.2	17
42	Integration of Data-Dependent Acquisition (DDA) and Data-Independent High-Definition MSE (HDMSE) for the Comprehensive Profiling and Characterization of Multicomponents from <i>Panax japonicus</i> by UHPLC/IM-QTOF-MS. <i>Molecules</i> , 2019, 24, 2708.	3.8	44
43	Relationship between Structural Characteristics and Plant Sources along with Pharmacology Research of Quassinoids. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 654-665.	1.3	19
44	Chemical Constituents from the Roots of <i>Polygala arillata</i> and Their Anti-Inflammatory Activities. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	1.9	7
45	Development and Application of Aptamer-Based Surface-Enhanced Raman Spectroscopy Sensors in Quantitative Analysis and Biotherapy. <i>Sensors</i> , 2019, 19, 3806.	3.8	30
46	A Strategy for Selecting Q-Markers of Chinese Medical Preparation via Components Transfer Process Analysis with Application to the Quality Control of Shengmai Injection. <i>Molecules</i> , 2019, 24, 1811.	3.8	14
47	Chemical Constituents with Inhibitory Activity of NO Production from a Wild Edible Mushroom, <i>Russula vinosa</i> Lindbl, May Be Its Nutritional Ingredients. <i>Molecules</i> , 2019, 24, 1305.	3.8	6
48	Development of an Electrochemical Biosensor for Rapid and Effective Detection of Pathogenic <i>Escherichia coli</i> in Licorice Extract. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 295.	2.5	24
49	Effect of <i>Eurycoma longifolia</i> Stem Extract on Uric Acid Excretion in Hyperuricemia Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1464.	3.5	30
50	Bioactive constituents obtained from the fruits of <i>Citrus aurantium</i> . <i>Journal of Natural Medicines</i> , 2019, 73, 146-153.	2.3	8
51	Chemical constituents from the fruits of <i>Psoralea corylifolia</i> and their protective effects on ionising radiation injury. <i>Natural Product Research</i> , 2019, 33, 673-680.	1.8	15
52	DPPH-HPLC-MS assisted rapid identification of endothelial protective substances from Xiao-Ke-An. <i>Journal of Ethnopharmacology</i> , 2018, 211, 188-196.	4.1	10
53	Combining near infrared spectroscopy with predictive model and expertise to monitor herb extraction processes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 214-223.	2.8	13
54	Near infrared spectroscopy based monitoring of extraction processes of raw material with the help of dynamic predictive modeling. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 222-227.	3.9	5

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55	A new strategy for choosing Q-markers via network pharmacology, application to the quality control of a Chinese medical preparation. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 858-868.	1.9	22
56	Bioactive Constituents from the Aerial Parts of <i>Pluchea indica</i> Less. <i>Molecules</i> , 2018, 23, 2104.	3.8	16
57	Metal- and base-free synthesis of functionalized β,β -difluoroimines via electrophilic fluorination of <i>N</i> -substituted enamines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6895-6899.	2.8	6
58	Application of Aptamer-Based Biosensor for Rapid Detection of Pathogenic <i>Escherichia coli</i> . <i>Sensors</i> , 2018, 18, 2518.	3.8	48
59	Research on the pharmacodynamics and mechanism of Fraxini Cortex on hyperuricemia based on the regulation of URAT1 and GLUT9. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 434-442.	5.6	38
60	The microemulsion electrokinetic capillary chromatography combined with reversed electrode polarity stacking mode for enriching and quantifying lignanoids and ginsenosides in TCMs preparation Shengmai injection. <i>Electrophoresis</i> , 2018, 39, 2439-2445.	2.4	8
61	Combining Chemical Profiling and Network Analysis to Investigate the Pharmacology of Complex Prescriptions in Traditional Chinese Medicine. <i>Scientific Reports</i> , 2017, 7, 40529.	3.3	40
62	Chemical Constituents of the Whole Plants of <i>Houttuynia cordata</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 365-367.	0.8	9
63	Phytochemical and Pharmacological Studies on the Genus <i>Psoralea</i> : A Mini Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-17.	1.2	14
64	Application of proteomics in research on traditional Chinese medicine. <i>Expert Review of Proteomics</i> , 2016, 13, 873-881.	3.0	37
65	Integrating candidate metabolites and biochemical factors to elucidate the action mechanism of Xue-sai-tong injection based on ^1H NMR metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 87-96.	2.3	8
66	A network analysis of the Chinese medicine Lianhua-Qingwen formula to identify its main effective components. <i>Molecular BioSystems</i> , 2016, 12, 606-613.	2.9	43
67	Phytochemical Constituents and Biological Activities of Plants from the Genus <i>Dryopteris</i> . <i>Chemistry and Biodiversity</i> , 2015, 12, 1131-1162.	2.1	21
68	Qualitative and Quantitative Analysis of the Major Constituents in Chinese Medical Preparation Lianhua-Qingwen Capsule by UPLC-DAD-QTOF-MS. <i>Scientific World Journal</i> , The, 2015, 2015, 1-19.	2.1	66
69	Deciphering the therapeutic mechanisms of Xiao-Ke-An in treatment of type 2 diabetes in mice by a Fangjiomics approach. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 699-707.	6.1	19
70	Evaluating the antidiabetic effects of Chinese herbal medicine: Xiao-Ke-An in 3T3-L1 cells and KKAY mice using both conventional and holistic omics approaches. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 272.	3.7	9
71	A Network Pharmacology Study of Chinese Medicine QiShenYiQi to Reveal Its Underlying Multi-Compound, Multi-Target, Multi-Pathway Mode of Action. <i>PLoS ONE</i> , 2014, 9, e95004.	2.5	104
72	A metabonomic study of cardioprotection of ginsenosides, schizandrin, and ophiopogonin D against acute myocardial infarction in rats. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 350.	3.7	31

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73	Dissecting active ingredients of Chinese medicine by content-weighted ingredientâ€“target network. <i>Molecular BioSystems</i> , 2014, 10, 1905-1911.	2.9	31
74	Astragali Radix protects myocardium from ischemia injury by modulating energy metabolism. <i>International Journal of Cardiology</i> , 2014, 176, 1312-1315.	1.7	14
75	A pharmacokinetic and pharmacodynamic study of drugâ€“drug interaction between ginsenoside Rg1, ginsenoside Rb1 and schizandrin after intravenous administration to rats. <i>Journal of Ethnopharmacology</i> , 2014, 152, 333-339.	4.1	37
76	Identifying roles of â€œJun-Chen-Zuo-Shiâ€“component herbs of QiShenYiQi formula in treating acute myocardial ischemia by network pharmacology. <i>Chinese Medicine</i> , 2014, 9, 24.	4.0	51
77	A Three Step Network Based Approach (TSNBA) to Finding Disease Molecular Signature and Key Regulators: A Case Study of IL-1 and TNF-Alpha Stimulated Inflammation. <i>PLoS ONE</i> , 2014, 9, e94360.	2.5	3
78	A Network Study of Chinese Medicine Xuesaitong Injection to Elucidate a Complex Mode of Action with Multicompound, Multitarget, and Multipathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	36