

Xue-Qin Zhao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75 papers	1,356 citations	22 h-index	33 g-index
93 ext. papers	1,742 ext. citations	4.2 avg, IF	4.34 L-index

#	Paper	IF	Citations
75	Mulberry leaves ameliorate diabetes via regulating metabolic profiling and AGEs/RAGE and p38 MAPK/NF- κ B pathway. <i>Journal of Ethnopharmacology</i> , 2022 , 283, 114713	5	5
74	Isolation, structural characterization and bioactivities of polysaccharides from Laminaria japonica: A review. <i>Food Chemistry</i> , 2022 , 370, 131010	8.5	6
73	Elucidation of the Reinforcing Spleen Effect of Jujube Fruits Based on Metabolomics and Intestinal Flora Analysis.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 12, 847828	5.9	0
72	Defensing against oxidative stress in Caenorhabditis elegans of a polysaccharide LFP-05S from Lycii fructus.. <i>Carbohydrate Polymers</i> , 2022 , 289, 119433	10.3	4
71	Soy protein degradation drives diversity of amino-containing compounds via Bacillus subtilis natto fermentation.. <i>Food Chemistry</i> , 2022 , 388, 133034	8.5	0
70	Comparison of Different Drying Methods on the Volatile Components of Ginger (Zingiber officinale Roscoe) by HS-GC-MS Coupled with Fast GC E-Nose. <i>Foods</i> , 2022 , 11, 1611	4.9	1
69	Multi-constituents variation in medicinal crops processing: Investigation of nine cycles of steam-sun drying as the processing method for the rhizome of Polygonatum cyrtoneura. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114497	3.5	2
68	The influence of essential oils from ZhaLi NuSi Prescription on the pharmacokinetics of its non-volatile components in normal rats. <i>Biomedical Chromatography</i> , 2021 , e5257	1.7	
67	Mill. var. (Bunge) Hu ex H. F. Chou Seed Ameliorates Insomnia in Rats by Regulating Metabolomics and Intestinal Flora Composition. <i>Frontiers in Pharmacology</i> , 2021 , 12, 653767	5.6	4
66	Insights into the mechanism of the effects of rhizosphere microorganisms on the quality of authentic Angelica sinensis under different soil microenvironments. <i>BMC Plant Biology</i> , 2021 , 21, 285	5.3	1
65	The effect of deoxyschizandrin on chronic unpredictable mild stress-induced depression. <i>Biotechnology and Applied Biochemistry</i> , 2021 , 68, 52-59	2.8	2
64	Rapid qualitative identification and quantitative analysis of Flos Mume based on Fourier transform near infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 249, 119344	4.4	2
63	Rapid Geographical Origin Identification and Quality Assessment of Angelicae Sinensis Radix by FT-NIR Spectroscopy. <i>Journal of Analytical Methods in Chemistry</i> , 2021 , 2021, 8875876	2	3
62	Nutritional components characterization of Goji berries from different regions in China. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 195, 113859	3.5	9
61	Hepatoprotection of Lycii Fructus Polysaccharide against Oxidative Stress in Hepatocytes and Larval Zebrafish. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 3923625	6.7	1
60	Research on Biomarkers of Different Growth Periods and Different Drying Processes of Tanaka Based on Plant Metabolomics. <i>Frontiers in Plant Science</i> , 2021 , 12, 700367	6.2	2
59	Discovery of Quality Markers of Nucleobases, Nucleosides, Nucleotides and Amino Acids for Chrysanthemi Flos From Different Geographical Origins Using UPLC-MS/MS Combined With Multivariate Statistical Analysis. <i>Frontiers in Chemistry</i> , 2021 , 9, 689254	5	0

58	Salvia miltiorrhiza stem-leaf active components of salvianolic acids and flavonoids improved the hemorheological disorder and vascular endothelial function on microcirculation dysfunction rats. <i>Phytotherapy Research</i> , 2020 , 34, 1704-1720	6.7	5
57	Lycium barbarum L. leaves ameliorate type 2 diabetes in rats by modulating metabolic profiles and gut microbiota composition. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 121, 109559	7.5	32
56	Determination of bioactive compounds in the nonmedicinal parts of Scrophularia ningpoensis using ultra-high-performance liquid chromatography coupled with tandem mass spectrometry and chemometric analysis. <i>Journal of Separation Science</i> , 2020 , 43, 4191-4201	3.4	3
55	An acidic heteropolysaccharide from Lycii fructus: Purification, characterization, neurotrophic and neuroprotective activities in vitro. <i>Carbohydrate Polymers</i> , 2020 , 249, 116894	10.3	17
54	Comparative analysis of the main active constituents from different parts of Leonurus japonicus Houtt. and from different regions in China by ultra-high performance liquid chromatography with triple quadrupole tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112873	3.5	7
53	Exploratory Cortex Metabolic Profiling Revealed the Sedative Effect of Amber in Pentylene-tetrazole-Induced Epilepsy-Like Mice. <i>Molecules</i> , 2019 , 24,	4.8	5
52	Comparative analysis of nucleosides, nucleobases, and amino acids in different parts of Angelicae Sinensis Radix by ultra high performance liquid chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019 , 42, 1122-1132	3.4	12
51	Flowers of var. as a Novel High Potential By-Product: Phytochemical Characterization and Antioxidant Activity. <i>Molecules</i> , 2019 , 24,	4.8	14
50	Comparison of Functional Components and Antioxidant Activity of L. Fruits from Different Regions in China. <i>Molecules</i> , 2019 , 24,	4.8	26
49	Enzymatic in situ saccharification of herbal extraction residue by a medicinal herbal-tolerant cellulase. <i>Bioresource Technology</i> , 2019 , 287, 121417	11	9
48	Analysis of phenolic acids and flavonoids in leaves of Lycium barbarum from different habitats by ultra-high-performance liquid chromatography coupled with triple quadrupole tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019 , 33, e4552	1.7	8
47	Pharmacokinetic study on bruceoside A revealed the potential role of quassinoid glycosides for the anticancer properties of Fructus Bruceae. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 170, 264-272	3.5	
46	Comparative analysis of twenty-five compounds in different parts of var and by UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2019 , 9, 392-399	14	25
45	Mulberry leaf active components alleviate type 2 diabetes and its liver and kidney injury in db/db mice through insulin receptor and TGF- β /Smads signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 112, 108675	7.5	22
44	Salvia miltiorrhiza protects against diabetic nephropathy through metabolome regulation and wnt/ β -catenin and TGF- β signaling inhibition. <i>Pharmacological Research</i> , 2019 , 139, 26-40	10.2	29
43	Danshen can interact with intestinal bacteria from normal and chronic renal failure rats. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1758-1771	7.5	12
42	Interactions of pharmacokinetic profiles of Ginkgotoxin and Ginkgolic acids in rat plasma after oral administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 163, 88-94	3.5	4
41	Investigation of dynamic accumulation and regularity of nine glycosides and saccharides in Rehmannia glutinosa by rapid quantitative analysis technology. <i>Journal of Separation Science</i> , 2019 , 42, 1489-1499	3.4	8

40	Comparative pharmacokinetics of triterpenic acids in normal and immunosuppressed rats after oral administration of Jujubae Fructus extract by UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1077-1078, 13-21	3.2	8
39	Comparative analysis of sixteen flavonoids from different parts of <i>Sophora flavescens</i> Ait. by ultra high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 156, 214-220	3.5	18
38	Protective effects of <i>Salvia miltiorrhiza</i> on adenine-induced chronic renal failure by regulating the metabolic profiling and modulating the NADPH oxidase/ROS/ERK and TGF- β /Smad signaling pathways. <i>Journal of Ethnopharmacology</i> , 2018 , 212, 153-165	5	42
37	Pharmacokinetic Comparisons of Multiple Triterpenic Acids from Extract Following Oral Delivery in Normal and Acute Liver Injury Rats. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
36	Simultaneous determination of polysaccharides and 21 nucleosides and amino acids in different tissues of <i>Salvia miltiorrhiza</i> from different areas by UV-visible spectrophotometry and UHPLC with triple quadrupole MS/MS. <i>Journal of Separation Science</i> , 2018 , 41, 996-1008	3.4	12
35	Protective Effects of Total Glycoside From Leaves on Diabetic Nephropathy Rats via Regulating the Metabolic Profiling and Modulating the TGF- β and Wnt/ β Catenin Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1012	5.6	14
34	Renal protective effect and action mechanism of Huangkui capsule and its main five flavonoids. <i>Journal of Ethnopharmacology</i> , 2017 , 206, 152-159	5	36
33	Comparative pharmacokinetics of acteoside from total glycoside extracted from leaves of <i>Rehmannia</i> and <i>Dihuangye</i> total glycoside capsule in normal and diabetic nephropathy rats. <i>Biomedical Chromatography</i> , 2017 , 31, e4013	1.7	8
32	Metabolic profiling of the hepatotoxicity and nephrotoxicity of Ginkgolic acids in rats using ultra-performance liquid chromatography-high-definition mass spectrometry. <i>Chemico-Biological Interactions</i> , 2017 , 273, 11-17	5	14
31	Simultaneous quantification and semi-quantification of ginkgolic acids and their metabolites in rat plasma by UHPLC-LTQ-Orbitrap-MS and its application to pharmacokinetics study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1041-1042, 85-93	3.2	5
30	Comparative Analysis of the Major Chemical Constituents in <i>Salvia miltiorrhiza</i> Roots, Stems, Leaves and Flowers during Different Growth Periods by UPLC-TQ-MS/MS and HPLC-ELSD Methods. <i>Molecules</i> , 2017 , 22,	4.8	39
29	UHPLC-TQ-MS Coupled with Multivariate Statistical Analysis to Characterize Nucleosides, Nucleobases and Amino Acids in <i>Angelicae Sinensis Radix</i> Obtained by Different Drying Methods. <i>Molecules</i> , 2017 , 22,	4.8	18
28	A Review on the Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of Geniposide, a Natural Product. <i>Molecules</i> , 2017 , 22,	4.8	51
27	Comparative analysis of four terpenoids in root and cortex of <i>Tripterygium wilfordii Radix</i> by different drying methods. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 476	4.7	9
26	Rapid determination of flavonoids in licorice and comparison of three licorice species. <i>Journal of Separation Science</i> , 2016 , 39, 473-82	3.4	25
25	Identification and Determination of the Polyhydroxylated Alkaloids Compounds with β Glucosidase Inhibitor Activity in Mulberry Leaves of Different Origins. <i>Molecules</i> , 2016 , 21,	4.8	22
24	Simultaneous Quantitation of Free Amino Acids, Nucleosides and Nucleobases in <i>Sipunculus nudus</i> by Ultra-High Performance Liquid Chromatography with Triple Quadrupole Mass Spectrometry. <i>Molecules</i> , 2016 , 21, 408	4.8	8
23	Simultaneous Determination of Four Tanshinones by UPLC-TQ/MS and Their Pharmacokinetic Application after Administration of Single Ethanol Extract of <i>Danshen</i> Combined with Water Extract in Normal and Adenine-Induced Chronic Renal Failure Rats. <i>Molecules</i> , 2016 , 21,	4.8	17

22	Comparative analysis of the main bioactive components of Xin-Sheng-Hua granule and its single herbs by ultrahigh performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 4096-4106	3.4	11
21	Content variations of triterpenic acid, nucleoside, nucleobase, and sugar in jujube (<i>Ziziphus jujuba</i>) fruit during ripening. <i>Food Chemistry</i> , 2015 , 167, 468-74	8.5	67
20	Frankincense and myrrh suppress inflammation via regulation of the metabolic profiling and the MAPK signaling pathway. <i>Scientific Reports</i> , 2015 , 5, 13668	4.9	27
19	Contents Changes of Triterpenic Acids, Nucleosides, Nucleobases, and Saccharides in Jujube (<i>Ziziphus jujuba</i>) Fruit During the Drying and Steaming Process. <i>Molecules</i> , 2015 , 20, 22329-40	4.8	19
18	Comparative Analysis of Amino Acids, Nucleosides, and Nucleobases in <i>Thais clavigera</i> from Different Distribution Regions by Using Hydrophilic Interaction Ultra-Performance Liquid Chromatography Coupled with Triple Quadrupole Tandem Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2015 , 2015, 394526	1.4	5
17	Hydrophilic Interaction Ultra-High Performance Liquid Chromatography Coupled with Triple-Quadrupole Mass Spectrometry for Determination of Nucleosides and Nucleobases in Animal Horns. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2015 , 38, 1185-1193	1.3	5
16	Hydrophilic interaction ultra-performance liquid chromatography coupled with triple-quadrupole tandem mass spectrometry (HILIC-UPLC-TQ-MS/MS) in multiple-reaction monitoring (MRM) for the determination of nucleobases and nucleosides in ginkgo seeds. <i>Food Chemistry</i> , 2014 , 150, 260-6	8.5	29
15	A New Cerebroside from the Fruit of <i>Ziziphus jujuba</i> var. <i>spinosa</i> . <i>Chemistry of Natural Compounds</i> , 2014 , 50, 109-111	0.7	3
14	Cytotoxic Daphnane-Type Diterpenoids from <i>Daphne genkwa</i> . <i>Chemistry of Natural Compounds</i> , 2014 , 50, 163-164	0.7	4
13	Rapid determination of nucleosides, nucleobases and free amino acids in brown seaweeds using ultra-performance liquid chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of Applied Phycology</i> , 2014 , 26, 675-686	3.2	14
12	Hydrophilic interaction ultra-high performance liquid chromatography coupled with triple quadrupole mass spectrometry for determination of nucleotides, nucleosides and nucleobases in <i>Ziziphus</i> plants. <i>Journal of Chromatography A</i> , 2013 , 1301, 147-55	4.5	53
11	Comparison of three officinal Chinese pharmacopoeia species of <i>Glycyrrhiza</i> based on separation and quantification of triterpene saponins and chemometrics analysis. <i>Food Chemistry</i> , 2013 , 141, 1681-9	8.5	49
10	Rapid determination of amino acids in fruits of <i>Ziziphus jujuba</i> by hydrophilic interaction ultra-high-performance liquid chromatography coupled with triple-quadrupole mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 2709-19	5.7	89
9	DEVELOPMENT OF A FINGERPRINT METHOD FOR ANIMAL HORN CLASSIFICATION BY LIQUID CHROMATOGRAPHY COUPLED WITH HIERARCHICAL CLUSTERING ANALYSIS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 205-214	1.3	5
8	COMPARATIVE CHARACTERIZATION OF TEN AROMATIC ACIDS IN SIWU SERIES DECOCTIONS AND THEIR CONSTITUTING HERBS BY HPLC-DAD METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012 , 35, 2425-2438	1.3	6
7	Triterpenoid acids from <i>Ziziphus jujuba</i> . <i>Chemistry of Natural Compounds</i> , 2011 , 47, 138-139	0.7	8
6	UHPLC-TOFMS coupled with chemometric method as a powerful technique for rapid exploring of differentiating components between two <i>Ziziphus</i> species. <i>Journal of Separation Science</i> , 2011 , 34, 659-66	3.4	23
5	Simultaneous qualitative and quantitative analysis of triterpenic acids, saponins and flavonoids in the leaves of two <i>Ziziphus</i> species by HPLC-PDA-MS/ELSD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 264-70	3.5	67

4	BINARY DETECTOR FINGERPRINTS ANALYSIS OF ZIZIPHUS JUJUBA AND ZIZIPHUS JUJUBA VAR. SPINOSA BY HPLC-DAD-ELSD COUPLED WITH CHEMOMETRIC METHOD. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011 , 34, 2048-2062	1.3	1
3	Characterization of triterpenic acids in fruits of ziziphus species by HPLC-ELSD-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6285-9	5.7	86
2	Characterization of nucleosides and nucleobases in fruits of Ziziphus jujuba by UPLC-DAD-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10774-80	5.7	63
1	High-performance liquid chromatography--two wavelength detection of triterpenoid acids from the fruits of Ziziphus jujuba containing various cultivars in different regions and classification using chemometric analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 1296-302	3.5	71