Xue-Qin Zhao

List of Publications by Citations

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	Rapid determination of amino acids in fruits of Ziziphus jujuba by hydrophilic interaction ultra-high-performance liquid chromatography coupled with triple-quadrupole mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 2709-19	5.7	89
74	Characterization of triterpenic acids in fruits of ziziphus species by HPLC-ELSD-MS. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 6285-9	5.7	86
73	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. *Journal of Pharmaceutical and Biomedical Analysis*, **2009**, 49, 1296-302	3.5	71
72	Content variations of triterpenic acid, nucleoside, nucleobase, and sugar in jujube (Ziziphus jujuba) fruit during ripening. *Food Chemistry*, **2015**, 167, 468-74	8.5	67
71	Simultaneous qualitative and quantitative analysis of triterpenic acids, saponins and flavonoids in the leaves of two Ziziphus species by HPLC-PDA-MS/ELSD. *Journal of Pharmaceutical and Biomedical Analysis*, **2011**, 56, 264-70	3.5	67
70	Characterization of nucleosides and nucleobases in fruits of Ziziphus jujuba by UPLC-DAD-MS. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 10774-80	5.7	63
69	Hydrophilic interaction ultra-high performance liquid chromatography coupled with triple quadrupole mass spectrometry for determination of nucleotides, nucleosides and nucleobases in Ziziphus plants. *Journal of Chromatography A*, **2013**, 1301, 147-55	4.5	53
68	A Review on the Phytochemistry, Pharmacology, Pharmacokinetics and Toxicology of Geniposide, a Natural Product. *Molecules*, **2017**, 22,	4.8	51
67	Comparison of three officinal Chinese pharmacopoeia species of Glycyrrhiza based on separation and quantification of triterpene saponins and chemometrics analysis. *Food Chemistry*, **2013**, 141, 1681-9	8.5	49
66	Protective effects of Salvia miltiorrhiza on adenine-induced chronic renal failure by regulating the metabolic profiling and modulating the NADPH oxidase/ROS/ERK and TGF-β/Smad signaling pathways. *Journal of Ethnopharmacology*, **2018**, 212, 153-165	5	42
65	Comparative Analysis of the Major Chemical Constituents in Salvia miltiorrhiza Roots, Stems, Leaves and Flowers during Different Growth Periods by UPLC-TQ-MS/MS and HPLC-ELSD Methods. *Molecules*, **2017**, 22,	4.8	39
64	Renal protective effect and action mechanism of Huangkui capsule and its main five flavonoids. *Journal of Ethnopharmacology*, **2017**, 206, 152-159	5	36
63	Lycium barbarum L. leaves ameliorate type 2 diabetes in rats by modulating metabolic profiles and gut microbiota composition. *Biomedicine and Pharmacotherapy*, **2020**, 121, 109559	7.5	32
62	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. *Food Chemistry*, **2014**, 150, 260-6	8.5	29
61	Salvia miltiorrhiza protects against diabetic nephropathy through metabolome regulation and wnt/β-catenin and TGF-β signaling inhibition. *Pharmacological Research*, **2019**, 139, 26-40	10.2	29
60	Frankincense and myrrh suppress inflammation via regulation of the metabolic profiling and the MAPK signaling pathway. *Scientific Reports*, **2015**, 5, 13668	4.9	27
59	Comparison of Functional Components and Antioxidant Activity of L. Fruits from Different Regions in China. *Molecules*, **2019**, 24,	4.8	26

58	Rapid determination of flavonoids in licorice and comparison of three licorice species. *Journal of Separation Science*, **2016**, 39, 473-82	3.4	25
57	Comparative analysis of twenty-five compounds in different parts of var and by UPLC-MS/MS. *Journal of Pharmaceutical Analysis*, **2019**, 9, 392-399	14	25
56	UHPLC-TOFMS coupled with chemometric method as a powerful technique for rapid exploring of differentiating components between two Ziziphus species. *Journal of Separation Science*, **2011**, 34, 659-66	3.4	23
55	Identification and Determination of the Polyhydroxylated Alkaloids Compounds with Glucosidase Inhibitor Activity in Mulberry Leaves of Different Origins. *Molecules*, **2016**, 21,	4.8	22
54	Mulberry leaf active components alleviate type 2 diabetes and its liver and kidney injury in db/db mice through insulin receptor and TGF- Smads signaling pathway. *Biomedicine and Pharmacotherapy*, **2019**, 112, 108675	7.5	22
53	Contents Changes of Triterpenic Acids, Nucleosides, Nucleobases, and Saccharides in Jujube (Ziziphus jujuba) Fruit During the Drying and Steaming Process. *Molecules*, **2015**, 20, 22329-40	4.8	19
52	Comparative analysis of sixteen flavonoids from different parts of Sophora flavescens Ait. by ultra high-performance liquid chromatography-tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 156, 214-220	3.5	18
51	UHPLC-TQ-MS Coupled with Multivariate Statistical Analysis to Characterize Nucleosides, Nucleobases and Amino Acids in Angelicae Sinensis Radix Obtained by Different Drying Methods. *Molecules*, **2017**, 22,	4.8	18
50	An acidic heteropolysaccharide from Lycii fructus: Purification, characterization, neurotrophic and neuroprotective activities in vitro. *Carbohydrate Polymers*, **2020**, 249, 116894	10.3	17
49	Simultaneous Determination of Four Tanshinones by UPLC-TQ/MS and Their Pharmacokinetic Application after Administration of Single Ethanol Extract of Danshen Combined with Water Extract in Normal and Adenine-Induced Chronic Renal Failure Rats. *Molecules*, **2016**, 21,	4.8	17
48	Metabolic profiling of the hepatotoxicity and nephrotoxicity of Ginkgolic acids in rats using ultra-performance liquid chromatography-high-definition mass spectrometry. *Chemico-Biological Interactions*, **2017**, 273, 11-17	5	14
47	Flowers of var. as a Novel High Potential By-Product: Phytochemical Characterization and Antioxidant Activity. *Molecules*, **2019**, 24,	4.8	14
46	Rapid determination of nucleosides, nucleobases and free amino acids in brown seaweeds using ultra-performance liquid chromatography coupled with triple quadrupole mass spectrometry. *Journal of Applied Phycology*, **2014**, 26, 675-686	3.2	14
45	Protective Effects of Total Glycoside From Leaves on Diabetic Nephropathy Rats via Regulating the Metabolic Profiling and Modulating the TGF- and Wnt/Catenin Signaling Pathway. *Frontiers in Pharmacology*, **2018**, 9, 1012	5.6	14
44	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. *Journal of Separation Science*, **2019**, 42, 1122-1132	3.4	12
43	Danshen can interact with intestinal bacteria from normal and chronic renal failure rats. *Biomedicine and Pharmacotherapy*, **2019**, 109, 1758-1771	7.5	12
42	Simultaneous determination of polysaccharides and 21 nucleosides and amino acids in different tissues of Salvia miltiorrhiza from different areas by UV-visible spectrophotometry and UHPLC with triple quadrupole MS/MS. *Journal of Separation Science*, **2018**, 41, 996-1008	3.4	12
41	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. *Journal of Separation Science*, **2016**, 39, 4096-4106	3.4	11

40	Enzymatic in situ saccharification of herbal extraction residue by a medicinal herbal-tolerant cellulase. *Bioresource Technology*, **2019**, 287, 121417	11	9
39	Comparative analysis of four terpenoids in root and cortex of Tripterygium wilfordii Radix by different drying methods. *BMC Complementary and Alternative Medicine*, **2016**, 16, 476	4.7	9
38	Nutritional components characterization of Goji berries from different regions in China. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 195, 113859	3.5	9
37	Comparative pharmacokinetics of acteoside from total glycoside extracted from leaves of Rehmannia and Dihuangye total glycoside capsule in normal and diabetic nephropathy rats. *Biomedical Chromatography*, **2017**, 31, e4013	1.7	8
36	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. *Biomedical Chromatography*, **2019**, 33, e4552	1.7	8
35	Comparative pharmacokinetics of triterpenic acids in normal and immunosuppressed rats after oral administration of Jujubae Fructus extract by UPLC-MS/MS. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1077-1078, 13-21	3.2	8
34	Triterpenoid acids from Ziziphus jujuba. *Chemistry of Natural Compounds*, **2011**, 47, 138-139	0.7	8
33	Simultaneous Quantitation of Free Amino Acids, Nucleosides and Nucleobases in Sipunculus nudus by Ultra-High Performance Liquid Chromatography with Triple Quadrupole Mass Spectrometry. *Molecules*, **2016**, 21, 408	4.8	8
32	Investigation of dynamic accumulation and regularity of nine glycosides and saccharides in Rehmannia glutinosa by rapid quantitative analysis technology. *Journal of Separation Science*, **2019**, 42, 1489-1499	3.4	8
31	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. *Journal of Pharmaceutical and Biomedical Analysis*,	3.5	7
30	COMPARATIVE CHARACTERIZATION OF TEN AROMATIC ACIDS IN SIWU SERIES DECOCTIONS AND THEIR CONSTITUTING HERBS BY HPLC-DAD METHOD. *Journal of Liquid Chromatography and Related Technologies*, **2012**, 35, 2425-2438	1.3	6
29	Isolation, structural characterization and bioactivities of polysaccharides from Laminaria japonica: A review. *Food Chemistry*, **2022**, 370, 131010	8.5	6
28	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. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1041-1042, 85-93	3.2	5
27	Exploratory Cortex Metabolic Profiling Revealed the Sedative Effect of Amber in Pentylenetetrazole-Induced Epilepsy-Like Mice. *Molecules*, **2019**, 24,	4.8	5
26	Salvia miltiorrhiza stem-leaf active components of salvianolic acids and flavonoids improved the hemorheological disorder and vascular endothelial function on microcirculation dysfunction rats. *Phytotherapy Research*, **2020**, 34, 1704-1720	6.7	5
25	Comparative Analysis of Amino Acids, Nucleosides, and Nucleobases in Thais clavigera from Different Distribution Regions by Using Hydrophilic Interaction Ultra-Performance Liquid Chromatography Coupled with Triple Quadrupole Tandem Mass Spectrometry. *International*	1.4	5
24	Hydrophilic Interaction Ultra-High Performance Liquid Chromatography Coupled with Triple-Quadrupole Mass Spectrometry for Determination of Nucleosides and Nucleobases in Animal Horns. *Journal of Liquid Chromatography and Related Technologies*, **2015**, 38, 1185-1193	1.3	5
23	DEVELOPMENT OF A FINGERPRINT METHOD FOR ANIMAL HORN CLASSIFICATION BY LIQUID CHROMATOGRAPHY COUPLED WITH HIERARCHICAL CLUSTERING ANALYSIS. *Journal of Liquid Chromatography and Related Technologies*, **2012**, 35, 205-214	1.3	5

22	Mulberry leaves ameliorate diabetes via regulating metabolic profiling and AGEs/RAGE and p38 MAPK/NF-Β pathway. *Journal of Ethnopharmacology*, **2022**, 283, 114713	5	5
21	Pharmacokinetic Comparisons of Multiple Triterpenic Acids from Extract Following Oral Delivery in Normal and Acute Liver Injury Rats. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	4
20	Cytotoxic Daphnane-Type Diterpenoids from Daphne genkwa. *Chemistry of Natural Compounds*, **2014**, 50, 163-164	0.7	4
19	Mill. var. (Bunge) Hu ex H. F. Chou Seed Ameliorates Insomnia in Rats by Regulating Metabolomics and Intestinal Flora Composition. *Frontiers in Pharmacology*, **2021**, 12, 653767	5.6	4
18	Interactions of pharmacokinetic profiles of Ginkgotoxin and Ginkgolic acids in rat plasma after oral administration. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 163, 88-94	3.5	4
17	Defensing against oxidative stress in Caenorhabditis elegans of a polysaccharide LFP-05S from Lycii fructus.. *Carbohydrate Polymers*, **2022**, 289, 119433	10.3	4
16	A New Cerebroside from the Fruit of Ziziphus jujuba var. spinosa. *Chemistry of Natural Compounds*, **2014**, 50, 109-111	0.7	3
15	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. *Journal of Separation Science*, **2020**, 43, 4191-4201	3.4	3
14	Rapid Geographical Origin Identification and Quality Assessment of Angelicae Sinensis Radix by FT-NIR Spectroscopy. *Journal of Analytical Methods in Chemistry*, **2021**, 2021, 8875876	2	3
13	Multi-constituents variation in medicinal crops processing: Investigation of nine cycles of steam-sun drying as the processing method for the rhizome of Polygonatum cyrtonema. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 209, 114497	3.5	2
12	The effect of deoxyschizandrin on chronic unpredictable mild stress-induced depression. *Biotechnology and Applied Biochemistry*, **2021**, 68, 52-59	2.8	2
11	Rapid qualitative identification and quantitative analysis of Flos Mume based on Fourier transform near infrared spectroscopy. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 249, 119344	4.4	2
10	Research on Biomarkers of Different Growth Periods and Different Drying Processes of Tanaka Based on Plant Metabolomics. *Frontiers in Plant Science*, **2021**, 12, 700367	6.2	2
9	BINARY DETECTOR FINGERPRINTS ANALYSIS OF ZIZIPHUS JUJUBA AND ZIZIPHUS JUJUBA VAR. SPINOSA BY HPLC-DAD-ELSD COUPLED WITH CHEMOMETRIC METHOD. *Journal of Liquid Chromatography and Related Technologies*, **2011**, 34, 2048-2062	1.3	1
8	Insights into the mechanism of the effects of rhizosphere microorganisms on the quality of authentic Angelica sinensis under different soil microenvironments. *BMC Plant Biology*, **2021**, 21, 285	5.3	1
7	Hepatoprotection of Lycii Fructus Polysaccharide against Oxidative Stress in Hepatocytes and Larval Zebrafish. *Oxidative Medicine and Cellular Longevity*, **2021**, 2021, 3923625	6.7	1
6	Comparison of Different Drying Methods on the Volatile Components of Ginger (Zingiber officinale Roscoe) by HS-GC-MS Coupled with Fast GC E-Nose. *Foods*, **2022**, 11, 1611	4.9	1
5	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. *Frontiers in Chemistry*, **2021**, 9, 689254	5	0

4	Elucidation of the Reinforcing Spleen Effect of Jujube Fruits Based on Metabolomics and Intestinal Flora Analysis.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 847828	5.9	0
3	Soy protein degradation drives diversity of amino-containing compounds via Bacillus subtilis natto fermentation.. *Food Chemistry*, **2022**, 388, 133034	8.5	0
2	Pharmacokinetic study on bruceoside A revealed the potential role of quassinoid glycosides for the anticancer properties of Fructus Bruceae. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 170, 264-272	3.5	
1	The influence of essential oils from ZhaLi NuSi Prescription on the pharmacokinetics of its non-volatile components in normal rats. *Biomedical Chromatography*, **2021**, e5257	1.7	