

Fengrui Song

List of Publications by Year in descending order

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121
papers

1,913
citations

279487

23
h-index

344852

36
g-index

122
all docs

122
docs citations

122
times ranked

2418
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid identification of saponins in plant extracts by electrospray ionization multi-stage tandem mass spectrometry and liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1280-1286.	0.7	108
2	Studies on lignan constituents from <i>Schisandra chinensis</i> (Turcz.) Baill. fruits using high-performance liquid chromatography/electrospray ionization multiple-stage tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1148-1161.	0.7	68
3	Systematically characterize the absorbed effective substances of Wutou Decoction and their metabolic pathways in rat plasma using UHPLC-Q-TOF-MS combined with a target network pharmacological analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 95-107.	1.4	61
4	Metal ion adducts in the structural analysis of ginsenosides by electrospray ionization with multi-stage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 586-595.	0.7	59
5	A strategy for identification and structural characterization of compounds from <i>Gardenia jasminoides</i> by integrating macroporous resin column chromatography and liquid chromatography-tandem mass spectrometry combined with ion-mobility spectrometry. <i>Journal of Chromatography A</i> , 2016, 1452, 47-57.	1.8	59
6	Ginsenosides attenuate d-galactose- and AlCl ₃ -induced spatial memory impairment by restoring the dysfunction of the neurotransmitter systems in the rat model of Alzheimer's disease. <i>Journal of Ethnopharmacology</i> , 2016, 194, 188-195.	2.0	59
7	Metabonomic study of Wu-tou decoction in adjuvant-induced arthritis rat using ultra-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 953-954, 11-19.	1.2	57
8	Cell metabolomics reveals the neurotoxicity mechanism of cadmium in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 26-33.	2.9	54
9	Pharmacodynamic and urinary metabolomics studies on the mechanism of <i>Schisandra polysaccharide</i> in the treatment of Alzheimer's disease. <i>Food and Function</i> , 2019, 10, 432-447.	2.1	43
10	Simultaneous determination of amino acid and monoamine neurotransmitters in PC12 cells and rats models of Parkinson's disease using a sensitizing derivatization reagent by UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 995-996, 15-23.	1.2	39
11	Benzophenone used as the photochemical reagent for pinpointing C=C locations in unsaturated lipids through shotgun and liquid chromatography-mass spectrometry approaches. <i>Analytica Chimica Acta</i> , 2018, 1028, 32-44.	2.6	38
12	Reversal of multidrug resistance in breast cancer cells by a combination of ursolic acid with doxorubicin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 268-275.	1.4	38
13	Fecal Metabolomics of Type 2 Diabetic Rats and Treatment with <i>Gardenia jasminoides</i> Ellis Based on Mass Spectrometry Technique. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1591-1599.	2.4	36
14	Multi-stage mass spectrometric studies of triterpenoid saponins in crude extracts from <i>Acanthopanax senticosus</i> Harms. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 873-879.	0.7	35
15	Noncovalent Interactions between Superoxide Dismutase and Flavonoids Studied by Native Mass Spectrometry Combined with Molecular Simulations. <i>Analytical Chemistry</i> , 2016, 88, 11720-11726.	3.2	35
16	Multiple-stage tandem mass spectrometry for differentiation of isomeric saponins. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2241-2248.	0.7	33
17	Identification of structurally closely related monosaccharide and disaccharide isomers by PMP labeling in conjunction with IM-MS/MS. <i>Scientific Reports</i> , 2016, 6, 28079.	1.6	32
18	Urine metabolomics of high-fat diet induced obesity using UHPLC-Q-TOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 132, 258-266.	1.4	32

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19	The screening of potential α -glucosidase inhibitors from the Polygonum multiflorum extract using ultrafiltration combined with liquid chromatography-tandem mass spectrometry. Analytical Methods, 2014, 6, 3353-3359.	1.3	29
20	Electrospray ionization mass spectrometry of cyclodextrin complexes with amino acids in incubated solutions and in eluates of gel permeation chromatography. Rapid Communications in Mass Spectrometry, 1998, 12, 2016-2022.	0.7	28
21	A non-target urinary and serum metabolomics strategy reveals therapeutic mechanism of Radix Astragali on adjuvant-induced arthritis rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1048, 94-101.	1.2	28
22	Teamed boronate affinity-functionalized branched polyethyleneimine-modified magnetic nanoparticles for the selective capture of ginsenosides from rat plasma. Chemical Engineering Journal, 2020, 383, 123079.	6.6	28
23	Targeted metabolome profiling by dual-probe microdialysis sampling and treatment using Gardenia jasminoides for rats with type 2 diabetes. Scientific Reports, 2017, 7, 10105.	1.6	27
24	Urinary and plasmatic metabolomics strategy to explore the holistic mechanism of lignans in S. chinensis in treating Alzheimer's disease using UPLC-Q-TOF-MS. Food and Function, 2019, 10, 5656-5668.	2.1	26
25	Application of online microdialysis coupled with liquid chromatography-tandem mass spectrometry method in assessing neuroprotective effect of Rhizoma coptidis on diabetic rats. Analytical Methods, 2015, 7, 45-52.	1.3	25
26	Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of Eleutherococcus senticosus (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats. Journal of Ethnopharmacology, 2019, 241, 111969.	2.0	25
27	Chemical Profiling Combined with α -Omic Technologies (CP α Omic): a Strategy to Understand the Compatibility Mechanisms and Simplify Herb Formulas in Traditional Chinese Medicines. Phytochemical Analysis, 2017, 28, 381-391.	1.2	22
28	Chemical profiling of Fufang-Xialian-Capsule by UHPLC-Q-TOF-MS and its antioxidant activity evaluated by in vitro method. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 289-301.	1.4	21
29	Systematically Characterize the Anti-Alzheimer's Disease Mechanism of Lignans from S. chinensis based on In-Vivo Ingredient Analysis and Target-Network Pharmacology Strategy by UHPLC-Q-TOF-MS. Molecules, 2019, 24, 1203.	1.7	21
30	Magnetic nanoparticles-based lactate dehydrogenase microreactor as a drug discovery tool for rapid screening inhibitors from natural products. Talanta, 2020, 209, 120554.	2.9	21
31	Metabonomics study of the effects of traditional Chinese medicine formula Erniaowan on hyperuricemic rats. Journal of Separation Science, 2018, 41, 560-570.	1.3	20
32	Study on the compatibility interactions of formula Ding-Zhi-Xiao-Wan based on their main components transport characteristics across Caco-2 monolayers model. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 179-185.	1.4	20
33	Targeted Screening Approach to Systematically Identify the Absorbed Effect Substances of <i>Poria cocos</i> in Vivo Using Ultrahigh Performance Liquid Chromatography Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2018, 66, 8319-8327.	2.4	20
34	Identification of Unfolding and Dissociation Pathways of Superoxide Dismutase in the Gas Phase by Ion-Mobility Separation and Tandem Mass Spectrometry. Analytical Chemistry, 2014, 86, 11599-11605.	3.2	19
35	Systematic studies on the in vivo substance basis and the pharmacological mechanism of <i>Acanthopanax Senticosus</i> Harms leaves by UPLC-Q-TOF-MS coupled with a target-network method. Food and Function, 2018, 9, 6555-6565.	2.1	19
36	Ultrafiltration LC-PDA-ESI/MS combined with reverse phase-medium pressure liquid chromatography for screening and isolation potential α -glucosidase inhibitors from Scutellaria baicalensis Georgi. Analytical Methods, 2014, 6, 5918.	1.3	18

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37	Rapid assay for testing superoxide anion radical scavenging activities to natural pigments by ultra-high performance liquid chromatography-diode-array detection method. <i>Analytical Methods</i> , 2015, 7, 1535-1542.	1.3	17
38	Analysis and Identification of the Chemical Constituents of Dingâ€Zhiâ€Xiaoâ€Wan Prescription by HPLCâ€Tâ€MS^{<i></i>} and HPLCâ€Qâ€TOFâ€MS. <i>Chinese Journal of Chemistry</i> , 2015, 33, 451-462.	2.6	16
39	Simultaneous quantification method for comparative pharmacokinetics studies of two major metabolites from geniposide and genipin by online microdialysis-UPLCâ€MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 11-18.	1.2	16
40	Comprehensive investigation of in-vivo ingredients and action mechanism of iridoid extract from <i>Gardeniae Fructus</i> by liquid chromatography combined with mass spectrometry, microdialysis sampling and network pharmacology. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1076, 70-76.	1.2	16
41	Stepwise targeted matching strategy from in vitro to in vivo based on ultraâ€high performance liquid chromatography tandem mass spectrometry technology to quickly identify and screen pharmacodynamic constituents. <i>Talanta</i> , 2019, 194, 619-626.	2.9	16
42	Investigations on the cell metabolomics basis of multidrug resistance from tumor cells by ultra-performance liquid chromatographyâ€mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5843-5854.	1.9	15
43	Characterization of interaction property of multiâ€components in <i>Gardenia jasminoides</i> with aldose reductase by microdialysis combined with liquid chromatography coupled to mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 87-94.	0.7	15
44	Online microdialysis-ultra performance liquid chromatographyâ€mass spectrometry method for comparative pharmacokinetic investigation on iridoids from <i>Gardenia jasminoides</i> Ellis in rats with different progressions of type 2 diabetic complications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 146-154.	1.4	15
45	Comprehensive fecal metabolomics and gut microbiota for the evaluation of the mechanism of <i>Panax Ginseng</i> in the treatment of Qi-deficiency liver cancer. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115222.	2.0	15
46	Liquid extraction surface analysis nanospray electrospray ionization based lipidomics for <i>in situ</i> analysis of tumor cells with multidrug resistance. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1683-1692.	0.7	14
47	Trace determination and characterization of ginsenosides in rat plasma through magnetic dispersive solid-phase extraction based on core-shell polydopamine-coated magnetic nanoparticles. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 86-95.	2.4	14
48	Therapeutic Effectiveness of <i>Gardenia jasminoides</i> on Type 2 Diabetic Rats: Mass Spectrometry-Based Metabolomics Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9673-9682.	2.4	14
49	<i>Poria cocos</i> could ameliorate cognitive dysfunction in <i>APP/PS1</i> mice by restoring imbalance of A β production and clearance and gut microbiota dysbiosis. <i>Phytotherapy Research</i> , 2021, 35, 2678-2690.	2.8	14
50	<i>In Situ</i> Analysis for Herbal Pieces of <i>Aconitum</i> Plants by Using Direct Analysis in Real Time Mass Spectrometry. <i>Chinese Journal of Chemistry</i> , 2015, 33, 241-246.	2.6	13
51	Determining the Effect of Catechins on SOD1 Conformation and Aggregation by Ion Mobility Mass Spectrometry Combined with Optical Spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 734-741.	1.2	13
52	Effects of lithospermic acid on hIAPP aggregation and amyloid-induced cytotoxicity by multiple analytical methods. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140283.	1.1	13
53	Bioactivity screening, extraction, and separation of lactate dehydrogenase inhibitors from <i>Polygala tenuifolia</i> Willd. based on a hyphenated strategy. <i>Journal of Separation Science</i> , 2017, 40, 1385-1395.	1.3	12
54	SCREENING FOR α -GLUCOSIDASE INHIBITORS FROM COPTIDIS-REHMANNIAE HERB COUPLE BY USING ULTRAFILTRATION LIQUID CHROMATOGRAPHY/MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1-14.	0.5	11

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55	Metabolomics insights into diabetes nephropathy and protective effects of Radix Scutellariae on rats using ultra-high performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>RSC Advances</i> , 2017, 7, 16494-16504.	1.7	11
56	Equivalently Quantitative Ion Strategy with Quaternary Ammonium Cation Derivatization for Highly Sensitive Quantification of Lanostane-Type Triterpene Acids without Standards by Ultrahigh-Performance Liquid Chromatography–Tandem Mass Spectrometry (UHPLC–MS/MS). <i>Analytical Chemistry</i> , 2018, 90, 13946-13952.	3.2	11
57	Putative multiple reaction monitoring strategy for the comparative pharmacokinetics of postoral administration Renshen–Yuanzhi compatibility through liquid chromatography–tandem mass spectrometry. <i>Journal of Ginseng Research</i> , 2020, 44, 105-114.	3.0	11
58	In situ analysis of single cell and biological samples with rGO-Cu functional probe ESI-MS spectrometry. <i>Talanta</i> , 2020, 211, 120751.	2.9	11
59	Cyclodextrin-catalyzed oxidation of glutathione in solution and in an ion trap. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 950-953.	0.7	10
60	Bioactive heterocyclic alkaloids with diterpene structure isolated from traditional Chinese medicines. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1026, 56-66.	1.2	10
61	The effects and mechanisms of aloe–emodin on reversing adriamycin–induced resistance of MCF7/ADR cells. <i>Phytotherapy Research</i> , 2021, 35, 3886-3897.	2.8	10
62	Studies on metabolites and metabolic pathways of bulleyaconitine A in rat liver microsomes using LC–MS ⁿ combined with specific inhibitors. <i>Biomedical Chromatography</i> , 2015, 29, 1027-1034.	0.8	9
63	Enhanced one-step sample pretreatment method for extraction of ginsenosides from rat plasma using tailor-made deep eutectic mixture solvents. <i>Analytical Methods</i> , 2019, 11, 1035-1042.	1.3	9
64	Fecal metabolomics based on mass spectrometry to investigate the mechanism of qishen granules against isoproterenol–induced chronic heart failure in rats. <i>Journal of Separation Science</i> , 2020, 43, 4305-4313.	1.3	9
65	A comprehensive strategy to clarify the pharmacodynamic constituents and mechanism of Wu-tou decoction based on the constituents migrating to blood and their in vivo process under pathological state. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114172.	2.0	9
66	Inhibitory Effect of Ursolic Acid on the Migration and Invasion of Doxorubicin-Resistant Breast Cancer. <i>Molecules</i> , 2022, 27, 1282.	1.7	9
67	Combined 16S rRNA gene sequencing and metabolomics to investigate the protective effects of Wu-tou decoction on rheumatoid arthritis in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1199, 123249.	1.2	9
68	Novel electrospray ionization-tandem mass spectrometry strategy for monitoring mercury(II) ion based on the competing system of mercury specific DNA and glutathione to mercury(II) ion. <i>Analytical Methods</i> , 2014, 6, 5746-5752.	1.3	8
69	Therapeutic Effects of <i>Selaginella tamariscina</i> on the Model of Acute Gout with Hyperuricemia in Rats Based on Metabolomics Analysis. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1117-1124.	2.6	8
70	Native Mass Spectrometry Based Method for Studying the Interactions between Superoxide Dismutase 1 and Stilbenoids. <i>ACS Chemical Neuroscience</i> , 2020, 11, 184-190.	1.7	8
71	A strategy to comprehensively and quickly identify the chemical constituents in <i>Platycodi Radix</i> by ultra–performance liquid chromatography coupled with traveling wave ion mobility quadrupole time–of–flight mass spectrometry. <i>Journal of Separation Science</i> , 2021, 44, 691-708.	1.3	8
72	Study on the Metabolic Characteristics of Aconite Alkaloids in the Extract of <i>Radix aconiti</i> under Intestinal Bacteria of Rat by UPLC/MS ⁿ Technique. <i>Chinese Journal of Chemistry</i> , 2012, 30, 656-664.	2.6	7

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73	A Study of Interaction between Flavonoids and the Parallel Quadruplex Structure [d(TGGGGT)] ₄ by Electrospray Ionization Mass Spectrometry. Chinese Journal of Chemistry, 2012, 30, 1433-1438.	2.6	7
74	Thermal-assisted gasification injector for analyzing high-salt solution samples: a novel device developed for online coupling of liquid chromatography with direct analysis in real time mass spectrometry. RSC Advances, 2016, 6, 98927-98934.	1.7	7
75	Metabolomics analysis of multidrug-resistant breast cancer cells <i>in vitro</i> using methyl- <i>tert</i> -butyl ether method. RSC Advances, 2018, 8, 15831-15841.	1.7	7
76	A wide-targeted urinary and serum metabolomics strategy reveals the effective substance of the Wu-tou decoction. Journal of Separation Science, 2020, 43, 727-735.	1.3	7
77	Quantitative analysis of pethidine using liquid secondary ion and tandem mass spectrometry. , 1999, 13, 478-480.		6
78	Studies on effect of Ginkgo biloba leaves in acute gout with hyperuricemia model rats by using UPLC-ESI-Q-TOF/MS metabolomic approach. RSC Advances, 2017, 7, 42964-42972.	1.7	6
79	Systematic study on metabolism and activity evaluation of Radix Scutellaria extract in rat plasma using UHPLC with quadrupole time-of-flight mass spectrometry and microdialysis intensity-fading mass spectrometry. Journal of Separation Science, 2018, 41, 1704-1710.	1.3	6
80	A target integration strategy for analyzing multidimensional chemical and metabolic substance groups of Ding-Zhi-Xiao-Wan prescription by using ultra-high performance liquid chromatography tandem mass spectrometry. Journal of Chromatography A, 2019, 1608, 460412.	1.8	6
81	An integrated strategy using LC-MS/MS combined with <i>in vivo</i> microdialysis for the simultaneous determination of lignans of <i>Schisandra chinensis</i> (Turcz.) Baill. Fructus and endogenous neurotransmitters: application in pharmacokinetic and pharmacodynamic studies. Food and Function, 2021, 12, 8932-8945.	2.1	6
82	Mass spectrometry-based urinary metabolomics for exploring the treatment effects of Radix ginseng-Schisandra chinensis herb pair on Alzheimer's disease in rats. Journal of Separation Science, 2021, 44, 3158-3166.	1.3	6
83	Pharmacokinetic and metabolomics approach based on UHPLC-MS to evaluate therapeutic effect of lignans from <i>S. Chinensis</i> in alzheimer's disease. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1178, 122859.	1.2	6
84	Based on urine metabolomics to study the mechanism of Qi-deficiency affecting type 2 diabetes rats using ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122850.	1.2	6
85	Ion-molecule reactions of <i>cis</i> - and <i>trans</i> -cyclopropane derivatives with methane, acetone and vinyl acetate under chemical ionization conditions. Rapid Communications in Mass Spectrometry, 1998, 12, 105-110.	0.7	5
86	Studies of the ortho effect in fragmentations of acetyl ion adducts of disubstituted benzenes. Rapid Communications in Mass Spectrometry, 2001, 15, 1893-1898.	0.7	5
87	SEPARATION AND DETERMINATION OF ALKALOIDS IN <i>RHIZOMA CORYDALIS</i> BY CAPILLARY ZONE ELECTROPHORESIS. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1050-1061.	0.5	5
88	Mechanism of Incompatible Herb Pairs, <i>Panax ginseng</i> and <i>Veratrum nigrum</i> L.: Material Basis and Metabolic Profiles of Ginsenosides in Rat Intestinal Bacteria. Chinese Journal of Chemistry, 2015, 33, 1069-1076.	2.6	5
89	Study on the treatment effect of <i>Polygonum cuspidatum</i> for hyperuricemia in rats using the UPLC-ESI-QTOF/MS metabolomics approach. Analytical Methods, 2015, 7, 6777-6784.	1.3	5
90	A study on the holistic efficacy of different Radix Aconiti Preparata for treating rheumatic arthritis in rats based on the urinary metabolomic method using UPLC-Q-TOF-HDMS. Analytical Methods, 2016, 8, 3088-3095.	1.3	5

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91	Investigation of plasma metabolomics and neurotransmitter dysfunction in the process of Alzheimer's disease rat induced by amyloid beta 25-35. <i>RSC Advances</i> , 2019, 9, 18308-18319.	1.7	5
92	Stabilities of superoxide dismutase and metal-free superoxide dismutase studied by electrospray ionization ion mobility mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 894-896.	0.7	5
93	Network Pharmacology Combined with Metabolomics Approach to Investigate the Toxicity Mechanism of Paclitaxel. <i>Chemical Research in Toxicology</i> , 2022, 35, 626-635.	1.7	5
94	AN INVESTIGATION OF THE METABOLISM OF LIQUIRITIN AND THE IMMUNOLOGICAL EFFECTS OF ITS METABOLITES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 1538-1549.	0.5	4
95	A new method for screening aldose reductase inhibitors using ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2014, 6, 7681-7688.	1.3	4
96	Studies on the biological character of a new pH-sensitive doxorubicin prodrug with tumor targeting using a LC-MS/MS method. <i>Analytical Methods</i> , 2014, 6, 3159.	1.3	4
97	Studies on intestinal transport of ginsenoside compatibility with <i>Veratrum nigrum</i> via Caco-2 cell monolayer model coupled with UPLC-ESI-MS method. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 914-918.	1.3	4
98	Separation, Quantification and Structural Study of (+)-Catechin and (-)-Epicatechin by Ion Mobility Mass Spectrometry Combined with Theoretical Algorithms. <i>Chinese Journal of Chemistry</i> , 2019, 37, 581-587.	2.6	4
99	Boronate Affinity-Based Oriented and Double-Shelled Surface Molecularly Imprinted Polymers on 96-Well Microplates for a High-Throughput Pharmacokinetic Study of Rutin and Its Metabolites. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3972-3981.	2.4	4
100	Scale-Up Preparation of Crocins I and II from <i>Gardenia jasminoides</i> by a Two-Step Chromatographic Approach and Their Inhibitory Activity Against ATP Citrate Lyase. <i>Molecules</i> , 2021, 26, 3137.	1.7	4
101	ABSORPTION OF HYPACONITINE AND P-GLYCOPROTEIN-MEDIATED DRUG-HYPACONITINE INTERACTIONS BY CACO-2 HUMAN INTESTINAL CELL MONOLAYERS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1207-1220.	0.5	3
102	Quantitative analysis and pharmacokinetic comparison of multiple bioactive components in rat plasma after oral administration of Qi-Shen-Ke-Li formula and its single herb extracts using ultrahigh performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4959.	0.8	3
103	Comparative pharmacokinetics of Ding-Zhi-Xiao-Wan preparation and its single herbs in rats by using a putative multiple-reaction monitoring UPLC-MS/MS method. <i>Phytochemical Analysis</i> , 2021, 32, 362-374.	1.2	3
104	Studies on the mechanism of Panax Ginseng in the treatment of deficiency of vital energy dementia rats based on urine metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1191, 123115.	1.2	3
105	The chemical profile of <i>Fubai Chrysanthemum</i> (Fubaiju) and its mechanism in preventing cataract based on ultrahigh performance liquid chromatography coupled with mass spectrometry and network pharmacology. <i>Journal of Separation Science</i> , 2022, 45, 2406-2414.	1.3	3
106	STRUCTURAL ELUCIDATION OF PYROLYZED PRODUCTS OF PROTOBERBERINE ALKALOIDS IN <i>RHIZOMA COPTIDIS</i> BY ELECTROSPRAY IONIZATION TANDEM MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2724-2734.	0.5	2
107	Online monitoring of astragaloside II metabolism using a homemade cultural device coupled with microdialysis and ultra-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 141-148.	1.2	2
108	Effects of aprotic solvents on the stability of metal-free superoxide dismutase probed by native electrospray ionization-ion mobility-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 351-358.	0.7	2

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109	The effects of rutin and troxerutin on stabilizing SOD1 and inhibiting protein aggregation. Rapid Communications in Mass Spectrometry, 2020, 34, e8611.	0.7	2
110	Comprehensive physiopathology and serum metabolomics for the evaluation of the influence mechanism of qi deficiency on xenograft mouse models of liver cancer. Journal of Separation Science, 2021, 44, 3789-3798.	1.3	2
111	Urine metabolic profiling of dementia rats with vital energy deficiency using ultra-high-performance liquid chromatography coupled with an orbitrap mass spectrometer. Journal of Separation Science, 2022, 45, 507-517.	1.3	2
112	Screening apo-SOD1 conformation stabilizers from natural flavanones using native ion mobility mass spectrometry and fluorescence spectroscopy methods. Rapid Communications in Mass Spectrometry, 2022, 36, e9251.	0.7	2
113	Proteomics Analysis of T Lymphocytes Damage Induced by Ionizing Irradiation. Chinese Journal of Chemistry, 2011, 29, 159-164.	2.6	1
114	EFFECT OF ACARBOSE ON CONTENT OF URINARY ENDOGENOUS METABOLITES OF DIABETIC RATS. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2478-2489.	0.5	1
115	Fast analysis of benzodiazepines using argon direct analysis in real time mass spectrometry on-line coupled with a thermal-assisted gasification injector. Rapid Communications in Mass Spectrometry, 2017, 31, 1073-1076.	0.7	1
116	An integrated platform for a high-throughput pharmacokinetic study of glycosides using a boronic acid-functionalized 96-well glass plate. Chemical Communications, 2019, 55, 9543-9546.	2.2	1
117	Studies on the cross-interaction between hIAPP and A β 25-35 and the aggregation process in binary mixture by electrospray ionization-ion mobility-mass spectrometry. Journal of Mass Spectrometry, 2020, 55, e4643.	0.7	1
118	Stable isotope labeling derivatization combined with multiple-mass spectrometry technologies to monitor metabolites of tenuifoliside A incubated with intestinal bacteria incubation model. Talanta, 2021, 224, 121791.	2.9	1
119	THE STRUCTURAL ELUCIDATION OF THE STRYCHNOS ALKALOIDS BY HPLC-ESI-MS ⁿ . Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1079-1086.	0.5	0
120	Ion-mobility tandem mass spectrometry combined with molecular docking to research the interaction between flavonoside isomers and metal-free superoxide dismutase. Rapid Communications in Mass Spectrometry, 2022, 36, e9267.	0.7	0
121	Unfolding and aggregation of oxidized metal-deficient superoxide dismutase and isoflavone inhibition based on ion mobility mass spectrometry and ThT fluorescence assay. Archives of Biochemistry and Biophysics, 2022, , 109306.	1.4	0