

Fengrui Song

List of Publications by Year in descending order

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121
papers

1,913
citations

279798

23
h-index

345221

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. | 1.5 | 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. | 1.6 | 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. | 2.8 | 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. | 1.5 | 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. | 3.7 | 59 |
| 6 | Ginsenosides attenuate d-galactose- and A β 1-42-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. | 4.1 | 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. | 2.3 | 57 |
| 8 | Cell metabolomics reveals the neurotoxicity mechanism of cadmium in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 26-33. | 6.0 | 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. | 4.6 | 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. | 2.3 | 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. | 5.4 | 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. | 2.8 | 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. | 5.2 | 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. | 1.5 | 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. | 6.5 | 35 |
| 16 | Multiple-stage tandem mass spectrometry for differentiation of isomeric saponins. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2241-2248. | 1.5 | 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. | 3.3 | 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. | 2.8 | 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. | 2.7 | 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. | 1.5 | 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. | 2.3 | 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. | 12.7 | 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. | 3.3 | 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. | 4.6 | 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. | 2.7 | 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. | 4.1 | 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. | 2.4 | 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. | 2.8 | 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. | 3.8 | 21 |
| 30 | Magnetic nanoparticles-based lactate dehydrogenase microreactor as a drug discovery tool for rapid screening inhibitors from natural products. Talanta, 2020, 209, 120554. | 5.5 | 21 |
| 31 | Metabonomics study of the effects of traditional Chinese medicine formula Erniaowan on hyperuricemic rats. Journal of Separation Science, 2018, 41, 560-570. | 2.5 | 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. | 2.8 | 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. | 5.2 | 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. | 6.5 | 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. | 4.6 | 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. | 2.7 | 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. | 2.7 | 17 |
| 38 | Analysis and Identification of the Chemical Constituents of Dingâ€Zhiâ€Xiaoâ€Wan Prescription by HPLCâ€Tâ€MS^{<i>n</i>} and HPLCâ€Qâ€TOFâ€MS. <i>Chinese Journal of Chemistry</i> , 2015, 33, 451-462. | 4.9 | 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. | 2.3 | 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. | 2.3 | 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. | 5.5 | 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. | 3.7 | 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. | 1.5 | 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. | 2.8 | 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. | 4.1 | 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. | 1.5 | 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. | 5.3 | 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. | 5.2 | 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. | 5.8 | 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. | 4.9 | 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. | 2.8 | 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. | 2.3 | 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. | 2.5 | 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. | 1.0 | 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. | 3.6 | 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. | 6.5 | 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. | 5.7 | 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. | 5.5 | 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. | 1.5 | 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. | 2.3 | 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. | 5.8 | 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. | 1.7 | 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. | 2.7 | 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. | 2.5 | 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. | 4.1 | 9 |
| 66 | Inhibitory Effect of Ursolic Acid on the Migration and Invasion of Doxorubicin-Resistant Breast Cancer. <i>Molecules</i> , 2022, 27, 1282. | 3.8 | 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. | 2.3 | 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. | 2.7 | 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. | 4.9 | 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. | 3.5 | 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. | 2.5 | 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. | 4.9 | 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. | 4.9 | 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. | 3.6 | 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. | 3.6 | 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. | 2.5 | 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. | 3.6 | 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. | 2.5 | 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. | 3.7 | 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. | 4.6 | 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. | 2.5 | 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. | 2.3 | 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. | 2.3 | 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. | 1.5 | 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. | 1.5 | 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. | 1.0 | 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. | 4.9 | 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. | 2.7 | 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. | 2.7 | 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. | 3.6 | 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. | 1.5 | 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. | 3.3 | 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. | 1.0 | 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. | 2.7 | 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. | 2.7 | 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. | 2.6 | 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. | 4.9 | 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. | 5.2 | 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. | 3.8 | 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. | 1.0 | 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. | 1.7 | 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. | 2.4 | 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. | 2.3 | 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. | 2.5 | 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. | 1.0 | 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. | 2.3 | 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. | 1.6 | 2 |

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|-----|---|-----|-----------|
| 109 | The effects of rutin and troxerutin on stabilizing SOD1 and inhibiting protein aggregation. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8611. | 1.5 | 2 |
| 110 | Comprehensive physiopathology and serum metabolomics for the evaluation of the influence mechanism of qi deficiency on xenograft mouse models of liver cancer. <i>Journal of Separation Science</i> , 2021, 44, 3789-3798. | 2.5 | 2 |
| 111 | Urine metabolic profiling of dementia rats with vital energy deficiency using ultra-high-performance liquid chromatography coupled with an orbitrap mass spectrometer. <i>Journal of Separation Science</i> , 2022, 45, 507-517. | 2.5 | 2 |
| 112 | Screening apo-SOD1 conformation stabilizers from natural flavanones using native ion mobility mass spectrometry and fluorescence spectroscopy methods. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9251. | 1.5 | 2 |
| 113 | Proteomics Analysis of T Lymphocytes Damage Induced by Ionizing Irradiation. <i>Chinese Journal of Chemistry</i> , 2011, 29, 159-164. | 4.9 | 1 |
| 114 | EFFECT OF ACARBOSE ON CONTENT OF URINARY ENDOGENOUS METABOLITES OF DIABETIC RATS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2478-2489. | 1.0 | 1 |
| 115 | Fast analysis of benzodiazepines using argon direct analysis in real time mass spectrometry on-line coupled with a thermal-assisted gasification injector. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1073-1076. | 1.5 | 1 |
| 116 | An integrated platform for a high-throughput pharmacokinetic study of glycosides using a boronic acid-functionalized 96-well glass plate. <i>Chemical Communications</i> , 2019, 55, 9543-9546. | 4.1 | 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. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4643. | 1.6 | 1 |
| 118 | Stable isotope labeling derivatization combined with multiple-mass spectrometry technologies to monitor metabolites of tenuifoliside A incubated with intestinal bacteria incubation model. <i>Talanta</i> , 2021, 224, 121791. | 5.5 | 1 |
| 119 | THE STRUCTURAL ELUCIDATION OF THE STRYCHNOS ALKALOIDS BY HPLC-ESI-MS ⁿ . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 1079-1086. | 1.0 | 0 |
| 120 | Ion-mobility tandem mass spectrometry combined with molecular docking to research the interaction between flavonoside isomers and metal-free superoxide dismutase. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9267. | 1.5 | 0 |
| 121 | Unfolding and aggregation of oxidized metal-deficient superoxide dismutase and isoflavone inhibition based on ion mobility mass spectrometry and ThT fluorescence assay. <i>Archives of Biochemistry and Biophysics</i> , 2022, , 109306. | 3.0 | 0 |