

Shu Liu

List of Publications by Year in descending order

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156
papers

2,614
citations

218677

26
h-index

289244

40
g-index

156
all docs

156
docs citations

156
times ranked

2786
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Screening apoSOD1 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
3	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
4	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
5	Comprehensive fecal metabolomics and gut microbiota for the evaluation of the mechanism of Panax Ginseng in the treatment of Qi-deficiency liver cancer. <i>Journal of Ethnopharmacology</i> , 2022, 292, 115222.	4.1	15
6	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
7	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
8	Comprehensive chemical profiling and potential chemical marker™s evaluation of <i>Tribulus terrestris</i> by UPLC-QTOF-MS in combination with ion mobility spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 217, 114839.	2.8	6
9	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
10	Strong non-Arrhenius behavior at low temperatures in the OH + HCl $\hat{=}$ H ₂ O + Cl reaction due to resonance induced quantum tunneling. <i>Chemical Science</i> , 2022, 13, 7955-7961.	7.4	2
11	A Strategy for Identification and Structural Characterization of Compounds from <i>Plantago asiatica</i> L. by Liquid Chromatography-Mass Spectrometry Combined with Ion Mobility Spectrometry. <i>Molecules</i> , 2022, 27, 4302.	3.8	8
12	A multidimensional strategy to rapidly identify the chemical constituents in Shengxian Decoction by using ultra-performance liquid chromatography coupled with ion mobility spectrometry quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 3115-3127.	2.5	4
13	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
14	Stable isotope labeling derivatization combined with multiple-mass spectrometry technologies to monitor metabolites of tenuifolside A incubated with intestinal bacteria incubation model. <i>Talanta</i> , 2021, 224, 121791.	5.5	1
15	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
16	A neural network potential energy surface for the F + H ₂ O $\hat{=}$ HF + OH reaction and quantum dynamics study of the isotopic effect. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8809-8816.	2.8	5
17	Rapid differentiation of <i>aconiti kusnezoffii</i> radix from different geographic origins using ultra-performance liquid chromatography coupled with time-of-flight mass spectrometry. <i>World Journal of Traditional Chinese Medicine</i> , 2021, 7, 71.	1.9	8
18	Mass spectrometry-based serum lipidomics strategy to explore the mechanism of <i>Eleutherococcus senticosus</i> (Rupr. & Maxim.) Maxim. leaves in the treatment of ischemic stroke. <i>Food and Function</i> , 2021, 12, 4519-4534.	4.6	14

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19	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. <i>Food and Function</i> , 2021, 12, 8932-8945.	4.6	6
20	Pharmacokinetics and tissue distribution study of 18 bioactive components in healthy and chronic heart failure rats after oral administration of Qi-Shen-Ke-Li formula using ultra-high-performance liquid chromatography/triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9060.	1.5	2
21	Boronate Affinity-Based Oriented and Double-Shell 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
22	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
23	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
24	Feshbach Resonances in the Vibrationally Excited $F + HOD(v_vOH</sub>/v_vOD</sub> = 1)$ Reaction Due to Chemical Bond Softening. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6090-6094.	4.6	5
25	Mass spectrometry-based urinary metabolomics for exploring the treatment effects of Radix ginseng-Schisandra chinensis herb pair on Alzheimer's disease in rats. <i>Journal of Separation Science</i> , 2021, 44, 3158-3166.	2.5	6
26	A comprehensive strategy to clarify the pharmacodynamic constituents and mechanism of Wu-tou decoction based on the constituents migrating to blood and their <i>in vivo</i> process under pathological state. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114172.	4.1	9
27	Quantum Wave Packet Study of the $H + Br_{2} \hat{=} HBr + Br$ Reaction on a New Ab Initio Potential Energy Surface. <i>Journal of Physical Chemistry A</i> , 2021, 125, 7289-7296.	2.5	1
28	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
29	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122850.	2.3	6
30	<i>Poria cocos</i> could ameliorate cognitive dysfunction in APP/PS1 mice by restoring imbalance of $A\beta^{2}$ production and clearance and gut microbiota dysbiosis. <i>Phytotherapy Research</i> , 2021, 35, 2678-2690.	5.8	14
31	State-to-state quantum dynamical study of $H + Br_{2} \hat{=} HBr + Br$ reaction. <i>Chinese Journal of Chemical Physics</i> , 2021, 34, 949-956.	1.3	0
32	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
33	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
34	Teamed boronate affinity-functionalized branched polyethyleneimine-modified magnetic nanoparticles for the selective capture of ginsenosides from rat plasma. <i>Chemical Engineering Journal</i> , 2020, 383, 123079.	12.7	28
35	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
36	Chemical characterization of small-molecule inhibitors of monoamine oxidase B synthesized from the <i>Acanthopanax senticosus</i> root with affinity ultrafiltration mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8694.	1.5	15

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37	Magnetic nanoparticles-based lactate dehydrogenase microreactor as a drug discovery tool for rapid screening inhibitors from natural products. <i>Talanta</i> , 2020, 209, 120554.	5.5	21
38	A wide-targeted urinary and serum metabolomics strategy reveals the effective substance of the Wu decoction. <i>Journal of Separation Science</i> , 2020, 43, 727-735.	2.5	7
39	Time-Dependent Wave Packet Dynamics Calculations of Cross Sections for Ultracold Four-Atom Reactions. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8560-8564.	4.6	11
40	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
41	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 ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4959.	1.7	3
42	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
43	From Reactive Rainbow to Dynamic Resonance Well. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9446-9452.	4.6	4
44	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
45	A metabolomic study of the urine of rats with Alzheimer's disease and the efficacy of Ding-Zhi-Xiao-Wan on the afflicted rats. <i>Journal of Separation Science</i> , 2020, 43, 1458-1465.	2.5	14
46	Study on the therapeutic material basis and effect of <i>Acanthopanax senticosus</i> (Rupr. et Maxim.) Harms leaves in the treatment of ischemic stroke by PK-PD analysis based on online microdialysis-LC-MS/MS method. <i>Food and Function</i> , 2020, 11, 2005-2016.	4.6	14
47	Feshbach resonances in the $F + H_2O \rightarrow HF + OH$ reaction. <i>Nature Communications</i> , 2020, 11, 2283.	2.5	23
48	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
49	Reactivity oscillation in the heavy-light-heavy Cl + CH ₄ reaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9202-9207.	7.1	19
50	Rapid screening and evaluation of XOD inhibitors and O ₂ ^{•-} scavenger from total flavonoids of <i>Ginkgo biloba</i> leaves by LC-MS and multimode microplate reader. <i>Biomedical Chromatography</i> , 2020, 34, e4852.	1.7	6
51	A rapid protocol to distinguish between <i>Citri Exocarpium Rubrum</i> and <i>Citri Reticulatae Pericarpium</i> based on the characteristic fingerprint and UHPLC-Q-TOF MS methods. <i>Food and Function</i> , 2020, 11, 3719-3729.	4.6	16
52	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. <i>Journal of Chromatography A</i> , 2019, 1608, 460412.	3.7	6
53	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
54	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

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55	Mass spectrometry-based urinary metabolomics for the investigation on the mechanism of action of <i>Eleutherococcus senticosus</i> (Rupr. & Maxim.) Maxim. leaves against ischemic stroke in rats. <i>Journal of Ethnopharmacology</i> , 2019, 241, 111969.	4.1	25
56	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
57	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
58	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
59	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
60	An <i>ab initio</i> -based global potential energy surface for the SH ₃ system and full-dimensional state-to-state quantum dynamics study for the H ₂ + HS → H ₂ S + 3.3 H reaction. <i>Journal of Computational Chemistry</i> , 2019, 40, 1151-1160.		10
61	<i>In vitro</i> metabolism of magnolol and honokiol in rat liver microsomes and their interactions with seven cytochrome P substrates. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 229-238.	1.5	13
62	Stepwise targeted matching strategy from <i>in vitro</i> to <i>in vivo</i> based on ultra-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
63	Comprehensive characterization of <i>in vivo</i> metabolic profile of <i>Polygalae radix</i> based on ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 173-181.	2.8	11
64	A neural network potential energy surface for the F + CH ₄ reaction including multiple channels based on coupled cluster theory. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9090-9100.	2.8	21
65	A target-group-change strategy based on the UPLC-Q-TOF-MS E method for the metabolites identification of Fufang-Xialian-Capsule in rat's plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1085, 42-53.	2.3	14
66	Time-Dependent Wave Packet Dynamics Calculations of Cross Sections for Ultracold Scattering of Molecules. <i>Physical Review Letters</i> , 2018, 120, 143401.	7.8	25
67	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
68	Systematic study on metabolism and activity evaluation of <i>Radix Scutellaria</i> extract in rat plasma using UHPLC with quadrupole time-of-flight mass spectrometry and microdialysis intensity-fading mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 1704-1710.	2.5	6
69	Studies on the chemical and intestinal metabolic profiles of <i>Polygalae Radix</i> by using UHPLC-IT-MS n and UHPLC-Q-TOF-MS method coupled with intestinal bacteria incubation model <i>in vitro</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 148, 298-306.	2.8	22
70	Cell metabolomics reveals the neurotoxicity mechanism of cadmium in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 26-33.	6.0	54
71	Metabonomics study of the effects of traditional Chinese medicine formula <i>Ermiawon</i> on hyperuricemic rats. <i>Journal of Separation Science</i> , 2018, 41, 560-570.	2.5	20
72	Effect of type 2 diabetes mellitus on flavonoid pharmacokinetics and tissue distribution after oral administration of <i>Radix Scutellaria</i> extract in rats. <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 418-427.	1.3	13

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73	Systematic studies on the <i>in vivo</i> substance basis and the pharmacological mechanism of <i>Acanthopanax Senticosus</i> Harms leaves by UPLC-Q-TOF-MS coupled with a target-network method. <i>Food and Function</i> , 2018, 9, 6555-6565.	4.6	19
74	Investigation of the interaction between superoxide dismutase and caffeoylquinic acids by alkali metal assisted cationization-ion mobility mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2018, 434, 151-157.	1.5	1
75	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
76	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
77	Accurate integral cross sections for the $\text{H}^- + \text{CO}_2 \rightarrow \text{H}^- + \text{OH}^- + \text{CO}$ reaction. <i>Chemical Physics Letters</i> , 2018, 706, 675-679.	2.6	3
78	Study on the compatibility interactions of formula Ding-Zhi-Xiao-Wan based on their main components transport characteristics across Caco-2 monolayers model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 179-185.	2.8	20
79	Targeted Screening Approach to Systematically Identify the Absorbed Effect Substances of <i>Poria cocos</i> <i>in Vivo</i> Using Ultrahigh Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8319-8327.	5.2	20
80	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
81	Metabolomics analysis of multidrug-resistant breast cancer cells <i>in vitro</i> using methyl- <i>tert</i> -butyl ether method. <i>RSC Advances</i> , 2018, 8, 15831-15841.	3.6	7
82	Well converged quantum rate constants for the $\text{H}_2 + \text{OH} \rightarrow \text{H}_2\text{O} + \text{H}$ reaction via transition state wave packet. <i>Journal of Chemical Physics</i> , 2018, 149, 064303.	3.0	12
83	Exploring the potential pharmacodynamic material basis and pharmacologic mechanism of the <i>Fufang-Xialian-Capsule</i> in chronic atrophic gastritis by network pharmacology approach based on the components absorbed into the blood. <i>Royal Society Open Science</i> , 2018, 5, 171806.	2.4	7
84	A targeted strategy for analyzing untargeted mass spectral data to identify lanostane-type triterpene acids in <i>Poria cocos</i> by integrating a scientific information system and liquid chromatography-tandem mass spectrometry combined with ion mobility spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1033, 87-99.	5.4	35
85	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
86	A non-target urinary and serum metabolomics strategy reveals therapeutic mechanism of <i>Radix Astragali</i> on adjuvant-induced arthritis rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1048, 94-101.	2.3	28
87	Extraction and separation of lactate dehydrogenase inhibitors from <i>Poria cocos</i> (Schw.) Wolf based on a hyphenated technique and <i>in vitro</i> methods. <i>Journal of Separation Science</i> , 2017, 40, 1773-1783.	2.5	12
88	Dynamical barrier and isotope effects in the simplest substitution reaction via Walden inversion mechanism. <i>Nature Communications</i> , 2017, 8, 14506.	12.8	18
89	Chemical profiling of <i>Fufang-Xialian-Capsule</i> by UHPLC-Q-TOF-MS and its antioxidant activity evaluated by <i>in vitro</i> method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 289-301.	2.8	21
90	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

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91	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
92	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
93	A full-dimensional time-dependent wave packet study of the $H + CO_2 \rightarrow OH + CO$ reaction. <i>Chemical Physics Letters</i> , 2017, 683, 352-356.	2.6	4
94	Chemical Profiling Combined with "Omics" Technologies (CP-Omics): a Strategy to Understand the Compatibility Mechanisms and Simplify Herb Formulas in Traditional Chinese Medicines. <i>Phytochemical Analysis</i> , 2017, 28, 381-391.	2.4	22
95	Simultaneous quantification method for comparative pharmacokinetics studies of two major metabolites from geniposide and genipin by online microdialysis-UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1041-1042, 11-18.	2.3	16
96	Studies on effect of Ginkgo biloba leaves in acute gout with hyperuricemia model rats by using UPLC-ESI-Q-TOF/MS metabolomic approach. <i>RSC Advances</i> , 2017, 7, 42964-42972.	3.6	6
97	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
98	Targeted metabolome profiling by dual-probe microdialysis sampling and treatment using Gardenia jasminoides for rats with type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 10105.	3.3	27
99	Differential Cross Sections for the $H+D_2O \rightarrow HD+OD$ Reaction: a Full Dimensional State-to-State Quantum Dynamics Study. <i>Chinese Journal of Chemical Physics</i> , 2017, 30, 16-24.	1.3	9
100	Investigations on the cell metabolomics basis of multidrug resistance from tumor cells by ultra-performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5843-5854.	3.7	15
101	State-to-state differential cross sections for a four-atom reaction: $H_2 + OH \rightarrow H_2O + H$ in full dimensions. <i>Journal of Chemical Physics</i> , 2016, 145, 134301.	3.0	18
102	A study on the holistic efficacy of different Radix Aconiti Preparata for treating rheumatic arthritis in rats based on the urinary metabonomic method using UPLC-Q-TOF-HDMS. <i>Analytical Methods</i> , 2016, 8, 3088-3095.	2.7	5
103	A strategy for identification and structural characterization of compounds from Gardenia jasminoides 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
104	Determination of dopamine, serotonin, biosynthesis precursors and metabolites in rat brain microdialysates by ultrasonic-assisted in situ derivatization-dispersive liquid-liquid microextraction coupled with UHPLC-MS/MS. <i>Talanta</i> , 2016, 161, 253-264.	5.5	43
105	Characterization of interaction property of multi-components in Gardenia jasminoides 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
106	In situ derivatization-ultrasound-assisted dispersive liquid-liquid microextraction for the determination of neurotransmitters in Parkinson's rat brain microdialysates by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1458, 70-81.	3.7	40
107	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. <i>RSC Advances</i> , 2016, 6, 98927-98934.	3.6	7
108	Rapid screening, separation, and detection of hydroxyl radical scavengers from total flavonoids of Ginkgo biloba leaves by chromatography combined with molecular devices. <i>Journal of Separation Science</i> , 2016, 39, 4158-4165.	2.5	15

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109	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
110	Screening the anti-gout traditional herbs from TCM using an in vitro method. <i>Chinese Chemical Letters</i> , 2016, 27, 1701-1707.	9.0	20
111	Dual ultrasonic-assisted dispersive liquid-liquid microextraction coupled with microwave-assisted derivatization for simultaneous determination of 20(S)-protopanaxadiol and 20(S)-protopanaxatriol by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1437, 49-57.	3.7	37
112	Studies on the intestinal absorption of the alkaloids in the Gancaofuzi decoction in a Caco-2 cell culture system by UPLC-MS/MS analysis. <i>Chinese Chemical Letters</i> , 2016, 27, 915-919.	9.0	4
113	A local mode picture for H atom reaction with vibrationally excited H ₂ O: a full dimensional state-to-state quantum dynamics investigation. <i>Chemical Science</i> , 2016, 7, 261-265.	7.4	31
114	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
115	Xanthine Oxidase Inhibitors and the Analytical Methods to Screen Them: A Review. <i>Current Traditional Medicine</i> , 2015, 1, 41-50.	0.4	4
116	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
117	Urinary metabonomics study of Wu-tou-tang and its co-decoction with Pinelliae Rhizoma in adjuvant-induced arthritis rats. <i>Chinese Chemical Letters</i> , 2015, 26, 387-392.	9.0	6
118	<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
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