

Zhiqiang Liu

List of Publications by Year in descending order

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233
papers

9,236
citations

57719

44
h-index

49868

87
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237
all docs

237
docs citations

237
times ranked

9017
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing for hydrazine of a pyrene chalcone derivative with acryloyl terminal group. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120272.	2.0	8
2	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.	1.3	2
3	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.	0.7	2
4	Synthesis, Structure, and Photophysical Properties of BN-Embedded Analogue of Coronene. <i>Organic Letters</i> , 2022, 24, 1017-1021.	2.4	12
5	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
6	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.	0.7	0
7	Inhibitory Effect of Ursolic Acid on the Migration and Invasion of Doxorubicin-Resistant Breast Cancer. <i>Molecules</i> , 2022, 27, 1282.	1.7	9
8	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
9	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.	2.0	15
10	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
11	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
12	Simultaneous visualization of lipid droplets and lysosomes using a single fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129148.	4.0	41
13	Fluorescence response of a fluorescein derivative for hypochlorite ion and its application for biological imaging in wounded zebrafish and living mice. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128848.	4.0	21
14	A strategy to comprehensively and quickly identify the chemical constituents in <i>Platycodi Radix</i> by ultra-high-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
15	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.	2.9	1
16	Comparative pharmacokinetics of Dingzhixiao 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
17	Permeability-Controllable Potentiometric Fluorescent Probes Enable Visually Discriminating Near-Zero and Normal Situations of Cell Membrane Potential. <i>Analytical Chemistry</i> , 2021, 93, 2728-2732.	3.2	6
18	Syntheses, structures, and one- and two-photon excited fluorescence of dimesitylboryl-ended quadrupolar hybrid oligothiophenes. <i>New Journal of Chemistry</i> , 2021, 45, 15035-15042.	1.4	1

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19	Pharmacokinetics and tissue distribution study of 18 bioactive components in healthy and chronic heart failure rats after oral administration of Qiâ€Shenâ€Keâ€Li formula using ultraâ€highâ€performance liquid chromatography/triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9060.	0.7	2
20	Simultaneous Two-Color Visualization of Lipid Droplets and Endoplasmic Reticulum and Their Interplay by Single Fluorescent Probes in Lambda Mode. <i>Journal of the American Chemical Society</i> , 2021, 143, 3169-3179.	6.6	154
21	A Single Fluorescent pH Probe for Simultaneous Two-Color Visualization of Nuclei and Mitochondria and Monitoring Cell Apoptosis. <i>ACS Sensors</i> , 2021, 6, 1552-1559.	4.0	46
22	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
23	The effects and mechanisms of aloeâ€modin on reversing adriamycinâ€induced resistance of <sc>MCF</sc>â€7/<sc>ADR</sc> cells. <i>Phytotherapy Research</i> , 2021, 35, 3886-3897.	2.8	10
24	Photophysical properties of a coumarin amide derivative and its sensing for hypochlorite. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 411, 113197.	2.0	7
25	Mass spectrometryâ€based urinary metabolomics for exploring the treatment effects of Radix ginsengâ€Schisandra chinensis herb pair on Alzheimer's disease in rats. <i>Journal of Separation Science</i> , 2021, 44, 3158-3166.	1.3	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 in vivo process under pathological state. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114172.	2.0	9
27	Pharmacokinetic and metabolomics approach based on UHPLC-MS to evaluate therapeutic effect of lignans from <i>S. Chinensis</i> in alzheimer's disease. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1178, 122859.	1.2	6
28	A pH-Sensitive Spirocyclization Strategy for Constructing a Single Fluorescent Probe Simultaneous Two-Color Visualizing of Lipid Droplets and Lysosomes and Monitoring of Lipophagy. <i>Analytical Chemistry</i> , 2021, 93, 11729-11735.	3.2	46
29	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.	1.3	2
30	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.	1.2	6
31	<i>Poria cocos</i> could ameliorate cognitive dysfunction in <sc>APP</sc>/<sc>PS1</sc> 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
32	Putative multiple reaction monitoring strategy for the comparative pharmacokinetics of postoral administration Renshenâ€Yuanzhi compatibility through liquid chromatographyâ€tandem mass spectrometry. <i>Journal of Ginseng Research</i> , 2020, 44, 105-114.	3.0	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.	1.1	13
34	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
35	A highly sensitive turn-on fluorescent probe for real-time detecting hypochlorite and its application in living cells. <i>Talanta</i> , 2020, 209, 120548.	2.9	24
36	The effects of rutin and troxerutin on stabilizing SOD1 and inhibiting protein aggregation. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8611.	0.7	2

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37	A side-chain engineering strategy for constructing fluorescent dyes with direct and ultrafast self-delivery to living cells. <i>Chemical Science</i> , 2020, 11, 661-670.	3.7	30
38	Synthesis, structure, and aggregated state emission of regio-isomeric 3-Pyrenyl-2-(4-pyridinyl)-Acrylonitrile. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 389, 112212.	2.0	5
39	Preparation and performance study of a novel polymeric spraying dust suppression agent with enhanced wetting and coagulation properties for coal mine. <i>Powder Technology</i> , 2020, 364, 901-914.	2.1	87
40	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.	0.7	15
41	Magnetic nanoparticles-based lactate dehydrogenase microreactor as a drug discovery tool for rapid screening inhibitors from natural products. <i>Talanta</i> , 2020, 209, 120554.	2.9	21
42	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
43	A wide-targeted urinary and serum metabolomics strategy reveals the effective substance of the Wu-tou decoction. <i>Journal of Separation Science</i> , 2020, 43, 727-735.	1.3	7
44	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
45	Photophysical properties and bisulfite recognition of a coumarin cyanopyridine derivative. <i>Dyes and Pigments</i> , 2020, 182, 108691.	2.0	5
46	Through bond energy transfer (TBET)-based fluorescent chemosensors. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2020, 44, 100371.	5.6	52
47	Quantitative analysis and pharmacokinetic comparison of multiple bioactive components in rat plasma after oral administration of Qi-shen formula and its single herb extracts using ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2020, 34, e4959.	0.8	3
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	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.	0.7	1
50	Fluorescent AIE-Active Materials for Two-Photon Bioimaging Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 617463.	1.8	27
51	Numerical simulation of the multi-index orthogonal experiments on the spray dust-settling devices. <i>Powder Technology</i> , 2020, 371, 217-230.	2.1	38
52	Effect of spraying on coal dust diffusion in a coal mine based on a numerical simulation. <i>Environmental Pollution</i> , 2020, 264, 114717.	3.7	96
53	pH-Zone-refining counter-current chromatography for two new lipocalcins separated from refined alkaline extraction of <i>Kusnezoff monkshood</i> root. <i>Journal of Separation Science</i> , 2020, 43, 2447-2458.	1.3	8
54	Comparison Study of the Site-Effect on Regioisomeric Pyridyl-Pyrene Conjugates: Synthesis, Structures, and Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2020, 85, 4256-4266.	1.7	30

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55	Bisulfite recognition properties of two benzothiazole inner salt compounds. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 401, 112739.	2.0	3
56	Study on the spray field distribution of the roadway full-section water curtain device and its effect on the settlement of PM2.5. <i>Chemical Engineering Research and Design</i> , 2020, 143, 101-113.	2.7	29
57	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.	1.3	14
58	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.	2.1	14
59	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
60	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.	0.8	6
61	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.	2.1	16
62	Discriminable anion sensing properties of 3-pyrenyl-2-pyridyl-acrylonitrile and its methylate. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107970.	1.8	6
63	Urinary and plasmatic metabolomics strategy to explore the holistic mechanism of lignans in <i>S. chinensis</i> in treating Alzheimer's disease using UPLC-Q-TOF-MS. <i>Food and Function</i> , 2019, 10, 5656-5668.	2.1	26
64	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
65	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.	1.8	6
66	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019, 119, 10403-10519.	23.0	814
67	Structurally regular arrangement induced fluorescence enhancement and specific recognition for glutathione of a pyrene chalcone derivative. <i>Analytica Chimica Acta</i> , 2019, 1082, 146-151.	2.6	8
68	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
69	Two-photon fluorescence probes for mitochondria imaging and detection of sulfite/bisulfite in living cells. <i>Sensors and Actuators B: Chemical</i> , 2019, 295, 215-222.	4.0	37
70	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.	2.0	25
71	Multi-factor numerical simulation study on spray dust suppression device in coal mining process. <i>Energy</i> , 2019, 182, 544-558.	4.5	173
72	The effects of the spraying pressure and nozzle orifice diameter on the atomizing rules and dust suppression performances of an external spraying system in a fully-mechanized excavation face. <i>Powder Technology</i> , 2019, 350, 62-80.	2.1	87

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73	A simple turn-on ES IPT and PET-based fluorescent probe for detection of Al ³⁺ in real-water sample. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 202-205.	2.0	38
74	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
75	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
76	Systematically Characterize the Anti-Alzheimer's Disease Mechanism of Lignans from <i>S. chinensis</i> based on In-Vivo Ingredient Analysis and Target-Network Pharmacology Strategy by UHPLC-Q-TOF-MS. <i>Molecules</i> , 2019, 24, 1203.	1.7	21
77	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
78	A coumarin chalcone ratiometric fluorescent probe for hydrazine based on deprotection, addition and subsequent cyclization mechanism. <i>Chemical Communications</i> , 2019, 55, 14980-14983.	2.2	35
79	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
80	Effect of air flowrate on pollutant dispersion pattern of coal dust particles at fully mechanized mining face based on numerical simulation. <i>Fuel</i> , 2019, 239, 623-635.	3.4	190
81	Effects of spraying pressure and installation angle of nozzles on atomization characteristics of external spraying system at a fully-mechanized mining face. <i>Powder Technology</i> , 2019, 343, 754-764.	2.1	142
82	Stepwise targeted matching strategy from in vitro to in vivo 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.	2.9	16
83	Colocalization Coefficients of a Target-Switchable Fluorescent Probe Can Serve As an Indicator of Mitochondrial Membrane Potential. <i>Analytical Chemistry</i> , 2019, 91, 2672-2677.	3.2	29
84	Development of a novel wind-assisted centralized spraying dedusting device for dust suppression in a fully mechanized mining face. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3292-3307.	2.7	73
85	The effects of the installation position of a multi-radial swirling air-curtain generator on dust diffusion and pollution rules in a fully-mechanized excavation face: A case study. <i>Powder Technology</i> , 2018, 329, 371-385.	2.1	120
86	Interface-Targeting Strategy Enables Two-Photon Fluorescent Lipid Droplet Probes for High-Fidelity Imaging of Turbid Tissues and Detecting Fatty Liver. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10706-10717.	4.0	70
87	Bi-thieno[3,4]pyrrole-4,6-dione based copolymers: 1,2-Bis(2-thienyl)ethene unit vs 1,2-diphenylethene unit. <i>Organic Electronics</i> , 2018, 56, 146-151.	1.4	4
88	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.	1.2	14
89	Urinary metabolomics study on the anti-inflammation effects of flavonoids obtained from <i>Glycyrrhiza</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1086, 1-10.	1.2	20
90	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

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91	A coumarin Schiff's base two-photon fluorescent probe for hypochlorite in living cells and zebrafish. <i>RSC Advances</i> , 2018, 8, 6904-6909.	1.7	27
92	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
93	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
94	Two 3-hydroxyflavone derivatives as two-photon fluorescence turn-on chemosensors for cysteine and homocysteine in living cells. <i>Talanta</i> , 2018, 181, 118-124.	2.9	18
95	Synthesis, structures and photophysical properties of two regioisomeric phenalenocarbazoles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 194, 111-116.	2.0	5
96	Systematic study on metabolism and activity evaluation of Radix <i>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.	1.3	6
97	Di-(2- <i>picolyl</i>)-N-(2- <i>quinolinylmethyl</i>)amine-Functionalized Triarylboron: Lewis Acidity Enhancement and Fluorogenic Discrimination Between Fluoride and Cyanide in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 9211-9216.	1.7	21
98	A synthesis and performance evaluation of a highly efficient ecological dust depressor based on the sodium lignosulfonate-acrylic acid graft copolymer. <i>RSC Advances</i> , 2018, 8, 11498-11508.	1.7	56
99	Efficient Solution- and Solid-State Fluorescence for a Series of 7-Diethylaminocoumarin Amide Compounds. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 197-202.	1.3	12
100	Cell metabolomics reveals the neurotoxicity mechanism of cadmium in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 26-33.	2.9	54
101	Metabonomics study of the effects of traditional Chinese medicine formula Ermiaowan on hyperuricemic rats. <i>Journal of Separation Science</i> , 2018, 41, 560-570.	1.3	20
102	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
103	The diffusion of dust in a fully-mechanized mining face with a mining height of 7 m and the application of wet dust-collecting nets. <i>Journal of Cleaner Production</i> , 2018, 205, 463-476.	4.6	96
104	Synthesis, characterization and properties of aryl-fused bis-BN dihydropyrenes. <i>Chemical Communications</i> , 2018, 54, 8178-8181.	2.2	27
105	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
106	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.	1.4	20
107	Indole derivatives for cyanide detection based on nucleophilic addition and hydrogen-bond interaction. <i>Journal of Molecular Structure</i> , 2018, 1173, 647-652.	1.8	12
108	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.	2.4	20

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109	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
110	Modulate the structures and photophysical properties of pyrene-based far-red fluorescent cationic dyes by regio-effect. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 331-339.	4.0	14
111	A non-target urinary and serum metabolomics strategy reveals therapeutic mechanism of Radix Astragali on adjuvant-induced arthritis rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1048, 94-101.	1.2	28
112	Synthesis, Structures, and Optoelectronic Properties of Pyrene-Fused Thioxanthenes. <i>Organic Letters</i> , 2017, 19, 1382-1385.	2.4	16
113	Chemical profiling of Fufang-Xialian-Capsule by UHPLC-Q-TOF-MS and its antioxidant activity evaluated by in vitro method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 289-301.	1.4	21
114	Simple benzothiazole chemosensor for detection of cyanide anions via nucleophilic addition. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 42-45.	0.6	7
115	Bithienopyrroledione vs. thienopyrroledione based copolymers: dramatic increase of power conversion efficiency in bulk heterojunction solar cells. <i>Chemical Communications</i> , 2017, 53, 3543-3546.	2.2	13
116	Two benzoyl coumarin amide fluorescence chemosensors for cyanide anions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 1-6.	2.0	13
117	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
118	The influence of the push-pull effect and a π -conjugated system in conversion efficiency of bis-chalcone compounds in a dye sensitized solar cell. <i>Journal of Molecular Structure</i> , 2017, 1143, 42-48.	1.8	36
119	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
120	The Least Stable Isomer of BN Naphthalene: Toward Predictive Trends for the Optoelectronic Properties of BN Acenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 6082-6085.	6.6	100
121	A diethylamino pyridine formyl Schiff base as selective recognition chemosensor for biological thiols. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 132-138.	4.0	23
122	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.	0.7	1
123	Chemical Profiling Combined with $\text{CP}^{\text{O}}\text{mics}$ -Technologies ($\text{CP}^{\text{O}}\text{mics}$): a Strategy to Understand the Compatibility Mechanisms and Simplify Herb Formulas in Traditional Chinese Medicines. <i>Phytochemical Analysis</i> , 2017, 28, 381-391.	1.2	22
124	A novel silicon-oxygen aurone derivative assisted by graphene oxide as fluorescence chemosensor for fluoride anions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 182, 37-41.	2.0	8
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