

# Zhiqiang Liu

## List of Publications by Year in descending order

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233  
papers

9,236  
citations

57719

44  
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49868

87  
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237  
all docs

237  
docs citations

237  
times ranked

9017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019, 119, 10403-10519.	23.0	814
2	A Highly Selective Fluorescence Turn-on Sensor for Cysteine/Homocysteine and Its Application in Bioimaging. <i>Journal of the American Chemical Society</i> , 2007, 129, 10322-10323.	6.6	493
3	B $\pi$ N versus C $\pi$ C: How Similar Are They?. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 242-244.	7.2	438
4	Experimental and Theoretical Studies of the Photophysical Properties of 2- and 2,7-Functionalized Pyrene Derivatives. <i>Journal of the American Chemical Society</i> , 2011, 133, 13349-13362.	6.6	284
5	Highly Selective Two-Photon Chemosensors for Fluoride Derived from Organic Boranes. <i>Organic Letters</i> , 2005, 7, 5481-5484.	2.4	250
6	Highly Selective Phosphorescent Chemosensor for Fluoride Based on an Iridium(III) Complex Containing Arylborane Units. <i>Inorganic Chemistry</i> , 2008, 47, 9256-9264.	1.9	216
7	Fluorenone Organic Crystals: Two-Color Luminescence Switching and Reversible Phase Transformations between $\pi$ - $\pi$ Stacking-Directed Packing and Hydrogen Bond-Directed Packing. <i>Chemistry of Materials</i> , 2014, 26, 2467-2477.	3.2	207
8	Trivalent Boron as an Acceptor in Donor-Acceptor-Type Compounds for Single- and Two-Photon Excited Fluorescence. <i>Chemistry - A European Journal</i> , 2003, 9, 5074-5084.	1.7	193
9	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
10	Synthesis of 2- and 2,7-Functionalized Pyrene Derivatives: An Application of Selective C $\pi$ H Borylation. <i>Chemistry - A European Journal</i> , 2012, 18, 5022-5035.	1.7	185
11	Multi-factor numerical simulation study on spray dust suppression device in coal mining process. <i>Energy</i> , 2019, 182, 544-558.	4.5	173
12	Triaryl Boron-Based A-A vs Triaryl Nitrogen-Based D-D Quadrupolar Compounds for Single- and Two-Photon Excited Fluorescence. <i>Organic Letters</i> , 2004, 6, 2933-2936.	2.4	163
13	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
14	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
15	Preparation of activated carbon from cotton stalk and its application in supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1005-1012.	1.2	141
16	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
17	Donor-and-Acceptor Substituted Truxenes as Multifunctional Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2007, 72, 7915-7922.	1.7	118
18	Trivalent boron as acceptor in D-A chromophores: synthesis, structure and fluorescence following single- and two-photon excitation. <i>Chemical Communications</i> , 2002, , 2900-2901.	2.2	115

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19	Modulation of the Photochromic Property in an Organoboron-Based Diarylethene by a Fluoride Ion. <i>Organic Letters</i> , 2006, 8, 3911-3914.	2.4	102
20	Switching High Two-Photon Efficiency: From 3,8,13-Substituted Triindole Derivatives to Their 2,7,12-Isomers. <i>Organic Letters</i> , 2010, 12, 5192-5195.	2.4	101
21	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
22	The diffusion of dust in a fully-mechanized mining face with a mining height of 7m and the application of wet dust-collecting nets. <i>Journal of Cleaner Production</i> , 2018, 205, 463-476.	4.6	96
23	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
24	Highly selective ratiometric fluorescent sensor for Cu(II) with two urea groups. <i>Tetrahedron Letters</i> , 2006, 47, 2911-2914.	0.7	93
25	Highly selective colorimetric sensor for cysteine and homocysteine based on azo derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 7093-7096.	0.7	91
26	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
27	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
28	Experimental and Theoretical Studies of Quadrupolar Oligothiophene-Cored Chromophores Containing Dimesitylboryl Moieties as $\pi$ -Accepting End-Groups: Syntheses, Structures, Fluorescence, and One- and Two-Photon Absorption. <i>Chemistry - A European Journal</i> , 2014, 20, 13618-13635.	1.7	84
29	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
30	Synthesis, Structure, and Opto-electronic Properties of Regioisomeric Pyrene-Thienoacenes. <i>Organic Letters</i> , 2014, 16, 342-345.	2.4	71
31	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 &amp; Interfaces</i> , 2018, 10, 10706-10717.	4.0	70
32	Synthesis, One- and Two-Photon Photophysical and Excited-State Properties, and Sensing Application of a New Phosphorescent Dinuclear Cationic Iridium(III) Complex. <i>Chemistry - A European Journal</i> , 2013, 19, 621-629.	1.7	62
33	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
34	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
35	Ginsenosides attenuate d-galactose- and AlCl <sub>3</sub> -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
36	Azo 8-hydroxyquinoline benzoate as selective chromogenic chemosensor for Hg <sup>2+</sup> and Cu <sup>2+</sup> . <i>Tetrahedron Letters</i> , 2006, 47, 6413-6416.	0.7	57

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37	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
38	Ir-Catalyzed Direct Borylation at the 4-Position of Pyrene. <i>Journal of Organic Chemistry</i> , 2012, 77, 7124-7128.	1.7	55
39	Cell metabolomics reveals the neurotoxicity mechanism of cadmium in PC12 cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 26-33.	2.9	54
40	Through bond energy transfer (TBET)-based fluorescent chemosensors. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2020, 44, 100371.	5.6	52
41	Chalcone derivatives as fluorescence turn-on chemosensors for cyanide anions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 244, 65-70.	2.0	51
42	Two fluorescence turn-on coumarin Schiff's base chemosensors for cyanide anions. <i>Dyes and Pigments</i> , 2016, 126, 104-109.	2.0	50
43	Acceptor or Donor (Diaryl B or N) Substituted Octupolar Truxene: Synthesis, Structure, and Charge-Transfer-Enhanced Fluorescence. <i>Journal of Organic Chemistry</i> , 2006, 71, 7858-7861.	1.7	49
44	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
45	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
46	Synthesis and optical properties of Co <sup>2+</sup> -doped ZnGa <sub>2</sub> O <sub>4</sub> nanocrystals. <i>Journal of Crystal Growth</i> , 2006, 296, 234-238.	0.7	44
47	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.	2.9	43
48	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
49	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.	1.8	40
50	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
51	A simple turn-on ESIPT and PET-based fluorescent probe for detection of Al <sup>3+</sup> in real-water sample. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 202-205.	2.0	38
52	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
53	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
54	Synthesis and blue-violet two-photon excited fluorescence of a new organoboron compound. <i>Journal of Molecular Structure</i> , 2008, 874, 46-50.	1.8	37

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55	3-Amidocoumarins as chemodosimeters to trap cyanide through both Michael and intramolecular cyclization reaction. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 500-505.	4.0	37
56	Triarylborane $\pi$ -electron systems with intramolecular charge-transfer transitions. <i>Chinese Chemical Letters</i> , 2016, 27, 1131-1138.	4.8	37
57	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.	1.8	37
58	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
59	Synthesis and Two-Photon-Excited Fluorescence of Benzothiazole-Based Compounds with Various $\pi$ -Electron Donors. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3628-3636.	1.2	36
60	The influence of the push-pull effect and a $\pi$ -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
61	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
62	Simultaneous Determination of Food-Related Biogenic Amines and Precursor Amino Acids Using in Situ Derivatization Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction by Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8225-8234.	2.4	35
63	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
64	Luminescence Modulation of a Terbium Complex with Anions and Its Application as a Reagent. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2277-2284.	1.0	31
65	Coumarinic chalcone derivatives as chemosensors for cyanide anions and copper ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 463-469.	4.0	31
66	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
67	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
68	Nitro substituted chalcone derivatives as quick-response chemosensors for cyanide anions. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 15-19.	4.0	29
69	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
70	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
71	Octupolar $C_{3v}$ and $S_{4v}$ Symmetric Cyclized Indole Derivatives: Syntheses, Structures, and NLO Properties. <i>Organic Letters</i> , 2015, 17, 4164-4167.	2.4	28
72	A non-target urinary and serum metabolomics strategy reveals therapeutical 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

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73	A trivalent organoboron compound as one and two-photon fluorescent chemosensor for fluoride anion. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 489-492.	4.0	27
74	Two new fluorescence turn-on chemosensors for cyanide based on dipyridylamine and aurone moiety. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 115-120.	4.0	27
75	Coumarin benzothiazole derivatives as chemosensors for cyanide anions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 235-242.	2.0	27
76	Targeted metabolome profiling by dual-probe microdialysis sampling and treatment using <i>Gardenia jasminoides</i> for rats with type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 10105.	1.6	27
77	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
78	Synthesis, characterization and properties of aryl-fused bis-BN dihydropyrenes. <i>Chemical Communications</i> , 2018, 54, 8178-8181.	2.2	27
79	Fluorescent AIE-Active Materials for Two-Photon Bioimaging Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 617463.	1.8	27
80	The synthesis, photophysical properties and fluoride anion recognition of a novel branched organoboron compound. <i>Dyes and Pigments</i> , 2009, 81, 193-196.	2.0	26
81	A cationic triarylborane as water-tolerant fluorescent chemosensor for fluoride anions. <i>Sensors and Actuators B: Chemical</i> , 2010, 149, 165-169.	4.0	26
82	Three hydroxy aurone compounds as chemosensors for cyanide anions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 389-393.	2.0	26
83	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
84	Application of online microdialysis coupled with liquid chromatography-tandem mass spectrometry method in assessing neuroprotective effect of <i>Rhizoma coptidis</i> on diabetic rats. <i>Analytical Methods</i> , 2015, 7, 45-52.	1.3	25
85	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
86	Structural Versatility of Pyrene-2-(4,4,5,5-tetramethyl-[1,3,2]dioxaborolane) and Pyrene-2,7-bis(4,4,5,5-tetramethyl-[1,3,2]dioxaborolane). <i>Crystal Growth and Design</i> , 2012, 12, 2794-2802.	1.4	24
87	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
88	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
89	Low-temperature behavior of $\text{Li}_3\text{V}_2(\text{PO}_4)_3/\text{C}$ as cathode material for lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 1917-1923.	1.2	22
90	Chemical Profiling Combined with $\text{CP}^{\text{Omic}}$ Technologies ( $\text{CP}^{\text{Omic}}$ ): 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

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91	Coumarin amide derivatives as fluorescence chemosensors for cyanide anions. <i>Materials Chemistry and Physics</i> , 2015, 161, 43-48.	2.0	21
92	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
93	Di(2- <i>picolyl</i> ) <i>N</i> -(2-quinolinylmethyl)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
94	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
95	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
96	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
97	Enhanced blue emission from Eu, Dy co-doped sol-gel Al <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2003, 64, 491-494.	1.9	20
98	Synthesis, structure and photophysical properties of three new hemicyanine dyes. <i>Dyes and Pigments</i> , 2008, 76, 118-124.	2.0	20
99	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
100	Metabonomics study of the effects of traditional Chinese medicine formula Erniaowan on hyperuricemic rats. <i>Journal of Separation Science</i> , 2018, 41, 560-570.	1.3	20
101	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
102	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. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8319-8327.	2.4	20
103	Diaminomaleonitrile substituted pyrene as a solvent-dependent chemosensor for copper(II) ion and hypochlorite. <i>Inorganic Chemistry Communication</i> , 2015, 52, 38-40.	1.8	19
104	Ultrafiltration LC-PDA-ESI/MS combined with reverse phase-medium pressure liquid chromatography for screening and isolation potential $\beta$ -glucosidase inhibitors from <i>Scutellaria baicalensis</i> Georgi. <i>Analytical Methods</i> , 2014, 6, 5918.	1.3	18
105	Wu-Tou Decoction Inhibits Chronic Inflammatory Pain in Mice: Participation of TRPV1 and TRPA1 Ion Channels. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	18
106	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
107	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
108	3-Hydroxyflavone derivatives synthesized by a new simple method as chemosensors for cyanide anions. <i>RSC Advances</i> , 2016, 6, 72698-72702.	1.7	17

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109	Several hemicyanine dyes as fluorescence chemosensors for cyanide anions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 160, 34-38.	2.0	17
110	Growth and properties of mixed crystal Nd:YGdVO <sub>4</sub> . <i>Journal of Alloys and Compounds</i> , 2003, 354, 259-262.	2.8	16
111	Synthesis, Structures, and Optoelectronic Properties of Pyrene-Fused Thioxanthenes. <i>Organic Letters</i> , 2017, 19, 1382-1385.	2.4	16
112	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.	1.2	16
113	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
114	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
115	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
116	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.	1.9	15
117	Two coumarin formhydrazone compounds as chemosensors for copper ions. <i>Inorganic Chemistry Communication</i> , 2016, 69, 7-9.	1.8	15
118	Characterization of interaction property of multi-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
119	Rapid screening, separation, and detection of hydroxyl radical scavengers from total flavonoids of <i>Ginkgo biloba</i> leaves by chromatography combined with molecular devices. <i>Journal of Separation Science</i> , 2016, 39, 4158-4165.	1.3	15
120	Online microdialysis-ultra performance liquid chromatography-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
121	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
122	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
123	Two fluorescence turn-on Schiff's base chemosensors for Cu <sup>2+</sup> ions. <i>Materials Letters</i> , 2014, 122, 70-73.	1.3	14
124	A new cycloruthenated complex: Synthesis, characterization and colorimetric detection of bisulphite in water. <i>Journal of Organometallic Chemistry</i> , 2015, 781, 59-64.	0.8	14
125	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
126	Liquid extraction surface analysis nanospray electrospray ionization based lipidomics for in situ analysis of tumor cells with multidrug resistance. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1683-1692.	0.7	14



#	ARTICLE	IF	CITATIONS
127	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
128	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
129	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
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