

Xiao-Qing Chen

List of Publications by Year in descending order

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167
papers

5,941
citations

76326

40
h-index

98798

67
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171
all docs

171
docs citations

171
times ranked

7735
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile construction of a reusable multi-enzyme cascade bioreactor for effective fluorescence discrimination and quantitation of amino acid enantiomers. <i>Chemical Engineering Journal</i> , 2022, 428, 131975.	12.7	18
2	Phosphine-Mediated Morita-Baylis-Hillman-Type/Wittig Cascade: Access to <i>E</i> -Configured 3-Styryl- and 3-(Benzopyrrole/furan-2-yl) Quinolinones. <i>Journal of Organic Chemistry</i> , 2022, 87, 974-984.	3.2	2
3	Framework Nucleic Acid-Based Spatial-Confinement Amplifier for miRNA Imaging in Living Cells. <i>Analytical Chemistry</i> , 2022, 94, 2934-2941.	6.5	28
4	Programmable iodization/deuterolysis sequences of phosphonium ylides to access deuterated benzyl iodides and aromatic aldehydes. <i>Chemical Communications</i> , 2022, 58, 4215-4218.	4.1	1
5	Photochemical Organocatalytic Aerobic Cleavage of C-C Bonds Enabled by Charge-Transfer Complex Formation. <i>Organic Letters</i> , 2022, 24, 3920-3925.	4.6	18
6	Visible-Light-Promoted Cross-Coupling of <i>O</i> -Aryl Oximes and Nitrostyrenes to Access Cyanoalkylated Alkenes. <i>Organic Letters</i> , 2022, 24, 4640-4644.	4.6	10
7	Iron-based catalysts for persulfate-based advanced oxidation process: Microstructure, property and tailoring. <i>Chemical Engineering Journal</i> , 2021, 421, 127845.	12.7	85
8	Integrating amino acid oxidase with photoresponsive probe: A fast quantitative readout platform of amino acid enantiomers. <i>Talanta</i> , 2021, 224, 121894.	5.5	5
9	High quantum-yield carbon dots embedded metal-organic frameworks for selective and sensitive detection of dopamine. <i>Microchemical Journal</i> , 2021, 160, 105718.	4.5	24
10	An organocatalytic enantioselective ring-reorganization domino sequence of methyleneindolinones with 2-aminomalonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 778-783.	4.5	4
11	AIEgen modulated per-functionalized flower-like IRMOF-3 frameworks with tunable light emission and excellent sensing properties. <i>Chemical Communications</i> , 2021, 57, 2392-2395.	4.1	16
12	The construction of NiFeS _x /g-C ₃ N ₄ composites with high photocatalytic activity towards the degradation of refractory pollutants. <i>Dalton Transactions</i> , 2021, 50, 2436-2447.	3.3	13
13	Enantioselectivity-Switchable Organocatalytic [4 + 2]-Annulation to Access the Spirooxindole-Norcamphor Scaffold. <i>Organic Letters</i> , 2021, 23, 963-968.	4.6	10
14	<i>O</i> -Perhalopyridin-4-yl Hydroxylamines: Amidyl-Radical Generation Scaffolds in Photoinduced Direct Amination of Heterocycles. <i>Organic Letters</i> , 2021, 23, 1643-1647.	4.6	25
15	Phosphonium Ylide-Mediated Programmable Fluorination to Access Mono- and Difluoromethylarenes. <i>Organic Letters</i> , 2021, 23, 2538-2542.	4.6	8
16	Simultaneous <i>In Situ</i> Extraction and Self-Assembly of Plasmonic Colloidal Gold Superparticles for SERS Detection of Organochlorine Pesticides in Water. <i>Analytical Chemistry</i> , 2021, 93, 4657-4665.	6.5	30
17	Photocatalytic Cyclization/Defluorination Domino Sequence to Access 3-Fluoro-1,5-dihydro-2 <i>H</i> -pyrrol-2-one Scaffold. <i>Organic Letters</i> , 2021, 23, 4754-4758.	4.6	20
18	Isotope-Coding Derivatization for Quantitative Profiling of Reactive α -Dicarbonyl Species in Processed Botanicals by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10379-10393.	5.2	7

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19	<i>N,N,N,N</i> -Tetramethylethylenediamine-Enabled Photoredox-Catalyzed C-H Methylation of <i>N</i> -Heteroarenes. <i>Journal of Organic Chemistry</i> , 2021, 86, 11905-11914.	3.2	13
20	Rational assembly of GO-based heterocyclic sulfur- and nitrogen-containing aerogels and their adsorption properties toward rare earth elements. <i>Journal of Hazardous Materials</i> , 2021, 419, 126484.	12.4	15
21	Unveiling the abnormal effect of temperature on enantioselectivity in the palladium-mediated decarbonylative alkylation of MBH acetate. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5058-5063.	4.5	2
22	<i>In situ</i> growth of ZIF-8 on gold nanoparticles/magnetic carbon nanotubes for the electrochemical detection of bisphenol A. <i>Analytical Methods</i> , 2021, 13, 2338-2344.	2.7	14
23	Framework nucleic acid programmed combinatorial delivery nanocarriers for parallel and multiplexed analysis. <i>Chemical Communications</i> , 2021, 57, 10935-10938.	4.1	4
24	Visible-Light-Promoted Hydroxydifluoroalkylation of Alkenes Enabled by Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2021, 23, 9474-9479.	4.6	16
25	Inhibition of resveratrol glucosides (REs) on advanced glycation endproducts (AGEs) formation: inhibitory mechanism and structure-activity relationship. <i>Natural Product Research</i> , 2020, 34, 2490-2494.	1.8	15
26	Comprehensive profiling of \pm -glucosidase inhibitors from the leaves of <i>Rubus suavissimus</i> using an off-line hyphenation of HSCCC, ultrafiltration HPLC-UV-MS and prep-HPLC. <i>Journal of Food Composition and Analysis</i> , 2020, 85, 103336.	3.9	20
27	Phosphine-Mediated MBH-Type/Umpolung Addition Domino Sequence: Divergent Construction of Coumarins. <i>Organic Letters</i> , 2020, 22, 488-492.	4.6	14
28	Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie</i> , 2020, 132, 6772-6776.	2.0	18
29	Photoinduced Single-Electron Transfer as an Enabling Principle in the Radical Borylation of Alkenes with NHC-Borane. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6706-6710.	13.8	89
30	Integrating Target-Triggered Aptamer-Capped HRP@Metal-Organic Frameworks with a Colorimeter Readout for On-Site Sensitive Detection of Antibiotics. <i>Analytical Chemistry</i> , 2020, 92, 14259-14266.	6.5	50
31	Pyroglutamic Acid-Modified CdSe/ZnS Quantum Dots: A New Fluorescence-Responsive Chiral Sensing Platform for Stereospecific Molecular Recognition. <i>Analytical Chemistry</i> , 2020, 92, 12040-12048.	6.5	28
32	Layered double hydroxides materials for photo(electro-) catalytic applications. <i>Chemical Engineering Journal</i> , 2020, 397, 125407.	12.7	71
33	Integration of Microfiltration and Visible-Light-Driven Photocatalysis on a ZnWO ₄ Nanoparticle/Nickel-Aluminum-Layered Double Hydroxide Membrane for Enhanced Water Purification. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6479-6487.	3.7	31
34	Single-atom Rh/N-doped carbon electrocatalyst for formic acid oxidation. <i>Nature Nanotechnology</i> , 2020, 15, 390-397.	31.5	420
35	Visible-Light-Induced, Catalyst-Free Radical Cross-Coupling Cyclization of <i>N</i> -Allylbromodifluoroacetamides with Disulfides or Diselenides. <i>Journal of Organic Chemistry</i> , 2020, 85, 5670-5682.	3.2	34
36	AIE-active metal-organic frameworks: facile preparation, tunable light emission, ultrasensitive sensing of copper(II) and visual fluorescence detection of glucose. <i>Journal of Materials Chemistry C</i> , 2020, 8, 10408-10415.	5.5	41

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37	“Pomegranate-Like” Plasmonic Nanoreactors with Accessible High-Density Hotspots for in Situ SERS Monitoring of Catalytic Reactions. <i>Analytical Chemistry</i> , 2020, 92, 4115-4122.	6.5	18
38	Photocatalytic C–F Bond Borylation of Polyfluoroarenes with NHC-boranes. <i>Organic Letters</i> , 2020, 22, 1742-1747.	4.6	43
39	Preparative isolation and purification of 12 main antioxidants from the roots of <i>Polygonum multiflorum</i> Thunb. using high-speed countercurrent chromatography and preparative HPLC guided by 1,1-diphenyl-2-picrylhydrazyl-HPLC. <i>Journal of Separation Science</i> , 2020, 43, 1415-1422.	2.5	21
40	Rapid and visual detection of aflatoxin B1 in foodstuffs using aptamer/G-quadruplex DNAzyme probe with low background noise. <i>Food Chemistry</i> , 2019, 271, 581-587.	8.2	58
41	Facile green and one-pot synthesis of purple perilla derived carbon quantum dot as a fluorescent sensor for silver ion. <i>Talanta</i> , 2019, 201, 1-8.	5.5	83
42	Photocatalytic reductive radical–radical coupling of <i>N,N</i> -cyclicazomethine imines with difluorobromo derivatives. <i>Chemical Communications</i> , 2019, 55, 2712-2715.	4.1	29
43	Highly-sensitive and selective determination of bisphenol A in milk samples based on self-assembled graphene nanoplatelets-multiwalled carbon nanotube-chitosan nanostructure. <i>Materials Science and Engineering C</i> , 2019, 103, 109848.	7.3	31
44	Separation of \pm glucosidase inhibitors from <i>Potentilla kleiniana</i> Wight et Arn using solvent and flow-rate gradient high-speed counter-current chromatography target-guided by ultrafiltration HPLC–MS screening. <i>Phytochemical Analysis</i> , 2019, 30, 661-668.	2.4	18
45	Polyethyleneimine Functionalized Multi-walled Carbon Nanotubes-Based Solid Phase Extraction for Selective Screening of Carboxylic Acid Compounds in Natural Products. <i>Chromatographia</i> , 2019, 82, 1017-1027.	1.3	3
46	Differential Pulse Voltammetry Determination of Ofloxacin in Human Serum and Urine Based on a Novel Tryptophan–graphene Oxide–carbon Nanotube Electrochemical Sensor. <i>Electroanalysis</i> , 2019, 31, 1429-1436.	2.9	13
47	Development of a “Dual Gates”-Locked, Target-Triggered Nanodevice for Point-of-Care Testing with a Glucometer Readout. <i>ACS Sensors</i> , 2019, 4, 968-976.	7.8	22
48	Organocatalytic, Enantioselective, Polarity-Matched Ring-Reorganization Domino Sequence Based on the 3-Oxindole Scaffold. <i>Organic Letters</i> , 2019, 21, 2166-2170.	4.6	28
49	A One-Pot Ring-Opening/Ring-Closure Sequence for the Synthesis of Polycyclic Spirooxindoles. <i>Chemistry - A European Journal</i> , 2019, 25, 4673-4677.	3.3	13
50	Photocatalytic, Phosphoranyl Radical-Mediated N–O Cleavage of Strained Cycloketone Oximes. <i>Organic Letters</i> , 2019, 21, 2658-2662.	4.6	130
51	Single-stranded DNA modified protonated graphitic carbon nitride nanosheets: A versatile ratiometric fluorescence platform for multiplex detection of various targets. <i>Talanta</i> , 2019, 197, 422-430.	5.5	12
52	Intelligent Platform for Simultaneous Detection of Multiple Aminoglycosides Based on a Ratiometric Paper-Based Device with Digital Fluorescence Detector Readout. <i>ACS Sensors</i> , 2019, 4, 3283-3290.	7.8	21
53	In situ synthesis of gold nanoparticles on pseudo-paper films as flexible SERS substrate for sensitive detection of surface organic residues. <i>Talanta</i> , 2019, 197, 225-233.	5.5	38
54	Large-scale separation of acetylcholinesterase inhibitors from <i>Zanthoxylum nitidum</i> by pH-zone-refining counter-current chromatography target-guided by ultrafiltration high-performance liquid chromatography with ultraviolet and mass spectrometry screening. <i>Journal of Separation Science</i> , 2019, 42, 1194-1201.	2.5	24

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55	Nitrogen-doped carbon dots rapid and selective detection of mercury ion and biothiol and construction of an IMPLICATION logic gate. <i>Talanta</i> , 2019, 194, 554-562.	5.5	59
56	A novel electrochemical chiral interface based on the synergistic effect of polysaccharides for the recognition of tyrosine enantiomers. <i>Talanta</i> , 2019, 195, 628-637.	5.5	64
57	Rapid screening and identification of antioxidants in the leaves of <i>Malus hupehensis</i> using off-line two-dimensional HPLC-UV-MS/MS coupled with a 1,1'-diphenyl-2-picrylhydrazyl assay. <i>Journal of Separation Science</i> , 2018, 41, 2536-2543.		21
58	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7131-7135.	13.8	85
59	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie</i> , 2018, 130, 7249-7253.	2.0	9
60	Solvent-Minimized, Chromatography-Free, Diastereoselective Synthesis of Oxazolidine-Dispirooxindoles via oxo-1,3-Dipolar Cycloaddition of 3-Oxindole. <i>Journal of Organic Chemistry</i> , 2018, 83, 2948-2953.	3.2	10
61	Visible-Light-Induced External Radical-Triggered Annulation To Access CF ₂ -Containing Benzoxepine Derivatives. <i>Organic Letters</i> , 2018, 20, 1363-1366.	4.6	55
62	Novel S, N-doped carbon quantum dot-based "off-on" fluorescent sensor for silver ion and cysteine. <i>Talanta</i> , 2018, 180, 300-308.	5.5	121
63	4-Mercaptophenylboronic acid-modified spirally-curved mesoporous silica nanofibers coupled with ultra performance liquid chromatography-mass spectrometry for determination of brassinosteroids in plants. <i>Food Chemistry</i> , 2018, 263, 51-58.	8.2	14
64	Photoredox-catalyzed direct aminoalkylation of isatins: diastereoselective access to 3-hydroxy-3-aminoalkylindolin-2-ones analogues. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1608-1612.	4.5	13
65	Accurate quantification of toxic elements in medicine food homologous plants using ICP-MS/MS. <i>Food Chemistry</i> , 2018, 245, 692-697.	8.2	24
66	Unraveling and Manipulating the Stereospecific Retro-Aldol Reaction in the Organocatalytic Asymmetric Aldol Reaction of Isatin and Cyclohexanone. <i>Organic Letters</i> , 2018, 20, 7535-7538.	4.6	17
67	Activation of Peroxymonosulfate by Fe ₃ O ₄ @Cs ₂ WO ₃ /NiAl Layered Double Hydroxide Composites for the Degradation of 2,4-Dichlorophenoxyacetic Acid. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 16308-16317.	3.7	33
68	Novel high-gluten flour physically cross-linked graphene oxide composites: Hydrothermal fabrication and adsorption properties for rare earth ions. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 1-10.	6.0	47
69	Nitrogen-doped carbon quantum dots as a fluorescent probe to detect copper ions, glutathione, and intracellular pH. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7701-7710.	3.7	37
70	A targeted therapy for melanoma by graphene oxide composite with microRNA carrier. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 3095-3106.	4.3	15
71	Simultaneous In Situ Extraction and Fabrication of Surface-Enhanced Raman Scattering Substrate for Reliable Detection of Thiram Residue. <i>Analytical Chemistry</i> , 2018, 90, 13647-13654.	6.5	79
72	Organocatalytic Domino Entry to an Octahydroacridine Scaffold Bearing Three Contiguous Stereocenters. <i>Journal of Organic Chemistry</i> , 2018, 83, 12284-12290.	3.2	9

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73	Innentitelbild: Valency-Controlled Framework Nucleic Acid Signal Amplifiers (Angew. Chem. 24/2018). Angewandte Chemie, 2018, 130, 7066-7066.	2.0	0
74	A dilute-and-shoot multispectral integration approach towards nontargeted component profiling of traditional herbal Yin-zhi-huang using liquid chromatography-photodiode array-ion trap/time-of-flight characterization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1087-1088, 118-132.	2.3	2
75	Straightforward Synthesis of Novel Difluorinated 2-Hydroxyl-Substituted Dihydroquinolones Through Selectfluor-Triggered Annulation of 2-Aminoarylenaminones. ChemistrySelect, 2018, 3, 9218-9221.	1.5	8
76	Core-shell-satellite microspheres-modified glass capillary for microsampling and ultrasensitive SERS spectroscopic detection of methotrexate in serum. Sensors and Actuators B: Chemical, 2018, 275, 267-276.	7.8	32
77	In situ fabrication of label-free optical sensing paper strips for the rapid surface-enhanced Raman scattering (SERS) detection of brassinosteroids in plant tissues. Talanta, 2017, 165, 313-320.	5.5	25
78	Hollow porous ionic liquids composite polymers based solid phase extraction coupled online with high performance liquid chromatography for selective analysis of hydrophilic hydroxybenzoic acids from complex samples. Journal of Chromatography A, 2017, 1484, 7-13.	3.7	30
79	Enhanced electrochemical performance of porous activated carbon by forming composite with graphene as high-performance supercapacitor electrode material. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	14
80	Photoredox-Catalyzed Reductive Dimerization of Isatins and Isatin-Derived Ketimines: Diastereoselective Construction of 3,3-Disubstituted Bisoxindoles. Journal of Organic Chemistry, 2017, 82, 3895-3900.	3.2	28
81	Sensitive surface enhanced Raman spectroscopy (SERS) detection of methotrexate by core-shell-satellite magnetic microspheres. Talanta, 2017, 171, 152-158.	5.5	21
82	Integrated signal probe based aptasensor for dual-analyte detection. Biosensors and Bioelectronics, 2017, 96, 268-274.	10.1	42
83	Reduced graphene oxide-cyclodextrin-chitosan electrochemical sensor: Effective and simultaneous determination of o- and p-nitrophenols. Sensors and Actuators B: Chemical, 2017, 251, 446-454.	7.8	97
84	Pyroglutamic Sulphonamide as Hydrogen-Bonding Organocatalyst: Enantioselective Diels-Alder Cyclization to Construct Carbazolespirooxindoles. Journal of Organic Chemistry, 2017, 82, 6441-6449.	3.2	32
85	Discovery of temperature-dependent, autoinductive reversal of enantioselectivity: palladium-mediated [3+3]-annulation of 4-hydroxycoumarins. Chemical Communications, 2017, 53, 4441-4444.	4.1	23
86	High-Performance Ratiometric Electrochemical Method Based on the Combination of Signal Probe and Inner Reference Probe in One Hairpin-Structured DNA. Analytical Chemistry, 2017, 89, 966-973.	6.5	107
87	At-line hyphenation of high-speed countercurrent chromatography with Sephadex LH-20 column chromatography for bioassay-guided separation of antioxidants from vine tea (Ampelopsis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T15 Sciences. 2017, 1040, 112-117.	2.3	27
88	Visible-Light-Driven, Radical-Triggered Tandem Cyclization of o-Hydroxyaryl Enaminones: Facile Access to 3-CF ₂ -CF ₃ -Containing Chromones. Organic Letters, 2017, 19, 146-149.	4.6	99
89	Screening and separation of α-amylase inhibitors from Solanum nigrum with amylase-functionalized magnetic graphene oxide combined with high-speed countercurrent chromatography. Journal of Separation Science, 2017, 40, 4780-4787.	2.5	12
90	Selectfluor-Triggered Tandem Cyclization of o-Hydroxyarylenaminones To Access Difluorinated 2-Amino-Substituted Chromanones. Journal of Organic Chemistry, 2017, 82, 9837-9843.	3.2	26

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91	Synthesis of Multi-Au-Nanoparticle-Embedded Mesoporous Silica Microspheres as Self-Filtering and Reusable Substrates for SERS Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42156-42166.	8.0	44
92	Unusual Ligand-to-Metal Ratio-Controlled Bidirectional Enantioselectivity in Pd-Catalysed [3+3]-Annulation of Morita-Baylis-Hillman Acetate. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6961-6965.	2.4	7
93	Organocatalytic Asymmetric Allylic Alkylation of Morita-Baylis-Hillman Carbonates with Diethyl 2-Aminomalonate Assisted by In Situ Protection. <i>Journal of Organic Chemistry</i> , 2017, 82, 12202-12208.	3.2	11
94	MnO ₂ /reduced graphene oxide nanoribbons: Facile hydrothermal preparation and their application in amperometric detection of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 544-552.	7.8	117
95	Fetal bovine serum influences the stability and bioactivity of resveratrol analogues: A polyphenol-protein interaction approach. <i>Food Chemistry</i> , 2017, 219, 321-328.	8.2	61
96	Fabrication of diiodocarbene functionalized oxidized multi-walled carbon nanotube and its aqueous adsorption performance toward Pb(II). <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	7
97	Isolation of Î±-Amylase Inhibitors from <i>Kadsura longipedunculata</i> Using a High-Speed Counter-Current Chromatography Target Guided by Centrifugal Ultrafiltration with LC-MS. <i>Molecules</i> , 2016, 21, 1190.	3.8	13
98	Enantioselective extraction of phenylsuccinic acid in aqueous two-phase systems based on acetone and Î²-cyclodextrin derivative: Modeling and optimization through response surface methodology. <i>Journal of Chromatography A</i> , 2016, 1467, 490-496.	3.7	8
99	A gas-diffusion microfluidic paper-based analytical device (Î¼PAD) coupled with portable surface-enhanced Raman scattering (SERS): facile determination of sulphite in wines. <i>Analyst</i> , The, 2016, 141, 5511-5519.	3.5	49
100	A sandwich-structured graphene-based composite: Preparation, characterization, and its adsorption behaviors for Congo red. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 65-72.	4.7	48
101	Hollow molecular imprinted polymers towards rapid, effective and selective extraction of caffeic acid from fruits. <i>Journal of Chromatography A</i> , 2016, 1470, 27-32.	3.7	58
102	Divergent Aerobic Oxidative Ring-Opening Cascades of Isatins with 1,2,3,4-Tetrahydroisoquinoline. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5096-5101.	2.4	9
103	Online coupling solid-phase ligand-fishing with high-performance liquid chromatography-diode array detector-tandem mass spectrometry for rapid screening and identification of xanthine oxidase inhibitors in natural products. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6693-6701.	3.7	32
104	Boronate affinity-based surface molecularly imprinted polymers using glucose as fragment template for excellent recognition of glucosides. <i>Journal of Chromatography A</i> , 2016, 1474, 8-13.	3.7	53
105	Target-guided isolation of polar antioxidants from <i>Abelmoschus esculentus</i> (L.) Moench by high-speed counter-current chromatography method coupled with wavelength switching and extrusion elution mode. <i>Journal of Separation Science</i> , 2016, 39, 3983-3989.	2.5	6
106	Diastereoselective Intramolecular [3 + 2]-Annulation of Donor-Acceptor Cyclopropane with Imine-Assembling Hexahydropyrrolo[3,2- <i>c</i>]quinolinone Scaffolds. <i>Journal of Organic Chemistry</i> , 2016, 81, 11185-11194.	3.2	25
107	Estimation of half-wave potential of anabolic androgenic steroids by means of QSER approach. <i>Journal of Central South University</i> , 2016, 23, 1906-1914.	3.0	5
108	Acid-Relayed Organocatalytic <i>exo</i> -Diels-Alder Cycloaddition of Cyclic Enones with 2-Vinyl-1-H-indoles. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1264-1268.	2.4	28

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109	Removal of mercury by adsorption: a review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5056-5076.	5.3	171
110	Non-covalent interaction between dietary stilbenoids and human serum albumin: Structure–affinity relationship, and its influence on the stability, free radical scavenging activity and cell uptake of stilbenoids. <i>Food Chemistry</i> , 2016, 202, 383-388.	8.2	49
111	Amide-assisted intramolecular [3+2] annulation of cyclopropane ring-opening: a facile and diastereoselective access to the tricyclic core of (A±)-scandine. <i>Chemical Communications</i> , 2016, 52, 2177-2180.	4.1	21
112	A simple and sensitive detection of glutamic-pyruvic transaminase activity based on fluorescence quenching of bovine serum albumin. <i>RSC Advances</i> , 2015, 5, 103557-103562.	3.6	7
113	Preconcentration and analysis of Rhodamine B in water and red wine samples by using magnesium hydroxide/carbon nanotube composites as a solid-phase extractant. <i>Journal of Separation Science</i> , 2015, 38, 3404-3411.	2.5	16
114	Biphasic recognition enantioseparation of ofloxacin enantiomers by an aqueous two-phase system. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2234-2239.	3.2	9
115	Separation of α -amylase inhibitors from <i>Abelmoschus esculentus</i> (L.) Moench by on-line two-dimensional high-speed counter-current chromatography target-guided by ultrafiltration-HPLC. <i>Journal of Separation Science</i> , 2015, 38, 3897-3904.	2.5	23
116	Analysis of α -amylase inhibitor from corni fructus by coupling magnetic cross-linked enzyme aggregates of α -amylase with HPLC–MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 995-996, 64-69.	2.3	10
117	A new group contribution-based method for estimation of flash point temperature of alkanes. <i>Journal of Central South University</i> , 2015, 22, 30-36.	3.0	4
118	Enantioseparation of phenylsuccinic acid enantiomers based on aqueous two-phase system with ethanol/ammonium sulfate: phase diagrams optimization and partitioning experiments. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 475-484.	1.6	12
119	Separation of five compounds from leaves of <i>Andrographis paniculata</i> (Burm. f.) Nees by off-line two-dimensional high-speed counter-current chromatography combined with gradient and recycling elution. <i>Journal of Separation Science</i> , 2015, 38, 1476-1483.	2.5	32
120	Target-guided separation of antioxidants from Semen cassia via off-line two-dimensional high-speed counter-current chromatography combined with complexation and extrusion elution mode. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 58-65.	2.3	15
121	Purification, partial characterization and antioxidant activity of polysaccharides from <i>Glycyrrhiza uralensis</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 79, 681-686.	7.5	73
122	Systematic and practical solvent system selection strategy based on the nonrandom two-liquid segment activity coefficient model for real-life counter-current chromatography separation. <i>Journal of Chromatography A</i> , 2015, 1393, 47-56.	3.7	13
123	Separation of polyphenols from leaves of <i>Malus hupehensis</i> (Pamp.) Rehder by off-line two-dimensional High Speed Counter-Current Chromatography combined with recycling elution mode. <i>Food Chemistry</i> , 2015, 186, 139-145.	8.2	44
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