

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
g-index

171
all docs

171
docs citations

171
times ranked

7735
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-atom Rh/N-doped carbon electrocatalyst for formic acid oxidation. <i>Nature Nanotechnology</i> , 2020, 15, 390-397.	31.5	420
2	Aqueous adsorption and removal of organic contaminants by carbon nanotubes. <i>Science of the Total Environment</i> , 2014, 482-483, 241-251.	8.0	318
3	Graphene nanosheets as novel adsorbents in adsorption, preconcentration and removal of gases, organic compounds and metal ions. <i>Science of the Total Environment</i> , 2015, 502, 70-79.	8.0	196
4	Microbial biotransformation of bioactive flavonoids. <i>Biotechnology Advances</i> , 2015, 33, 214-223.	11.7	183
5	Removal of mercury by adsorption: a review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 5056-5076.	5.3	171
6	Ultrasensitive Electrochemical Detection of Prostate-Specific Antigen by Using Antibodies Anchored on a DNA Nanostructural Scaffold. <i>Analytical Chemistry</i> , 2014, 86, 7337-7342.	6.5	153
7	Photocatalytic, Phosphoranyl Radical-Mediated N=O Cleavage of Strained Cycloketone Oximes. <i>Organic Letters</i> , 2019, 21, 2658-2662.	4.6	130
8	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
9	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
10	High-Performance Ratiometric Electrochemical Method Based on the Combination of Signal Probe and Inner Reference Probe in One Hairpin-Structured DNA. <i>Analytical Chemistry</i> , 2017, 89, 966-973.	6.5	107
11	Visible-Light-Driven, Radical-Triggered Tandem Cyclization of <i>o</i> -Hydroxyaryl Enaminones: Facile Access to 3-CF ₂ /CF ₃ -Containing Chromones. <i>Organic Letters</i> , 2017, 19, 146-149.	4.6	99
12	Reduced graphene oxide-cyclodextrin-chitosan electrochemical sensor: Effective and simultaneous determination of <i>o</i> - and <i>p</i> -nitrophenols. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 446-454.	7.8	97
13	Synthesis of Pyrrolo(spiro-[2.3]-oxindole)-spiro-[4.3]-oxindole via 1,3-Dipolar Cycloaddition of Azomethine Ylides with 3-Acetylindolenine. <i>Journal of Organic Chemistry</i> , 2013, 78, 11577-11583.	3.2	90
14	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
15	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7131-7135.	13.8	85
16	Iron-based catalysts for persulfate-based advanced oxidation process: Microstructure, property and tailoring. <i>Chemical Engineering Journal</i> , 2021, 421, 127845.	12.7	85
17	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
18	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

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19	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
20	Layered double hydroxides materials for photo(electro-) catalytic applications. <i>Chemical Engineering Journal</i> , 2020, 397, 125407.	12.7	71
21	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
22	Removal, recovery and enrichment of metals from aqueous solutions using carbon nanotubes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1155-1163.	1.5	62
23	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
24	Nitrogen-doped carbon dots rapid and selective detection of mercury ion and biethiol and construction of an IMPLICATION logic gate. <i>Talanta</i> , 2019, 194, 554-562.	5.5	59
25	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
26	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
27	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
28	Separation of five flavonoids from tartary buckwheat (<i>Fagopyrum tataricum</i> (L.) Gaertn) grains via off-line two dimensional high-speed counter-current chromatography. <i>Food Chemistry</i> , 2015, 186, 153-159.	8.2	53
29	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
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	A gas-diffusion microfluidic paper-based analytical device (µPAD) 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
32	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
33	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
34	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
35	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
36	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

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37	Photocatalytic C–F Bond Borylation of Polyfluoroarenes with NHC-boranes. <i>Organic Letters</i> , 2020, 22, 1742-1747.	4.6	43
38	Integrated signal probe based aptasensor for dual-analyte detection. <i>Biosensors and Bioelectronics</i> , 2017, 96, 268-274.	10.1	42
39	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
40	Determination of phenolic compounds in water samples by HPLC following ionic liquid dispersive liquid-liquid microextraction and cold-induced aggregation. <i>Mikrochimica Acta</i> , 2011, 175, 341-346.	5.0	40
41	Highly Enantioselective Construction of Polycyclic Spirooxindoles by Organocatalytic 1,3-Dipolar Cycloaddition of 2-Cyclohexenone Catalyzed by Proline-Sulfonamide. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5700-5704.	2.4	40
42	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
43	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
44	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
45	Chiral electrochemical recognition of tryptophan enantiomers at a multi-walled carbon nanotube–chitosan composite modified glassy carbon electrode. <i>RSC Advances</i> , 2015, 5, 98020-98025.	3.6	33
46	Type 2 diabetes diminishes the benefits of dietary antioxidants: Evidence from the different free radical scavenging potential. <i>Food Chemistry</i> , 2015, 186, 106-112.	8.2	33
47	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
48	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
49	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
50	<i>L</i> -Pyroglutamic Sulphonamide as Hydrogen-Bonding Organocatalyst: Enantioselective Diels–Alder Cyclization to Construct Carbazolespirooxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 6441-6449.	3.2	32
51	Core-shell-satellite microspheres-modified glass capillary for microsampling and ultrasensitive SERS spectroscopic detection of methotrexate in serum. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 267-276.	7.8	32
52	Liquid–Liquid Microextraction of Nitrophenols Using Supramolecular Solvent and Their Determination by HPLC with UV Detection. <i>Chromatographia</i> , 2013, 76, 1641-1647.	1.3	31
53	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
54	Integration of Microfiltration and Visible-Light-Driven Photocatalysis on a ZnWO ₄ /Nickel–Aluminum-Layered Double Hydroxide Membrane for Enhanced Water Purification. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 6479-6487.	3.7	31

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55	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. <i>Journal of Chromatography A</i> , 2017, 1484, 7-13.	3.7	30
56	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
57	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
58	Systematic and efficient separation of 11 compounds from <i>Rhizoma Chuanxiong</i> via counter-current chromatography-solid phase extraction-counter-current chromatography hyphenation. <i>Journal of Chromatography A</i> , 2014, 1364, 204-213.	3.7	28
59	Acid-Relayed Organocatalytic <i>exo</i> -Diels-Alder Cycloaddition of Cyclic Enones with α -Vinyl β -Indoles. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1264-1268.	2.4	28
60	Photoredox-Catalyzed Reductive Dimerization of Isatins and Isatin-Derived Ketimines: Diastereoselective Construction of 3,3-Disubstituted Bisoxindoles. <i>Journal of Organic Chemistry</i> , 2017, 82, 3895-3900.	3.2	28
61	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
62	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
63	Framework Nucleic Acid-Based Spatial-Confinement Amplifier for miRNA Imaging in Living Cells. <i>Analytical Chemistry</i> , 2022, 94, 2934-2941.	6.5	28
64	Effect of Hydrogenation on Ring C of Flavonols on Their Affinity for Bovine Serum Albumin. <i>Journal of Solution Chemistry</i> , 2010, 39, 533-542.	1.2	27
65	Screening and identification of BSA bound ligands from <i>Puerariae lobata</i> flower by BSA functionalized Fe ₃ O ₄ magnetic nanoparticles coupled with HPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 887-888, 55-60.	2.3	27
66	At-line hyphenation of high-speed countercurrent chromatography with Sephadex LH-20 column chromatography for bioassay-guided separation of antioxidants from vine tea (<i>Ampelopsis</i>). <i>Talanta</i> , 2017, 1040, 112-117.	2.3	27
67	Excellent adsorption of Acid Flavine 2G by MgAl-mixed metal oxides with magnetic iron oxide. <i>Applied Clay Science</i> , 2014, 101, 30-37.	5.2	26
68	Selectfluor-Triggered Tandem Cyclization of <i>ortho</i> -Hydroxyarylenaminones To Access Difluorinated 2-Amino-Substituted Chromanones. <i>Journal of Organic Chemistry</i> , 2017, 82, 9837-9843.	3.2	26
69	Improved enantioseparation via the twin-column based recycling high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1363, 236-241.	3.7	25
70	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
71	In situ fabrication of label-free optical sensing paper strips for the rapid surface-enhanced Raman scattering (SERS) detection of brassinosteroids in plant tissues. <i>Talanta</i> , 2017, 165, 313-320.	5.5	25
72	<i>ortho</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

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73	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
74	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
75	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
76	Separation of \pm -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
77	Discovery of temperature-dependent, autoinductive reversal of enantioselectivity: palladium-mediated [3+3]-annulation of 4-hydroxycoumarins. <i>Chemical Communications</i> , 2017, 53, 4441-4444.	4.1	23
78	Regioselectivity-Tunable Self-1,3-Dipolar [3+3] Cyclizations of Azomethine Ylides To Assemble Dispirooxindole-piperazines. <i>Journal of Organic Chemistry</i> , 2015, 80, 11573-11579.	3.2	22
79	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
80	Amide-assisted intramolecular [3+2] annulation of cyclopropane ring-opening: a facile and diastereoselective access to the tricyclic core of (\pm)-scandine. <i>Chemical Communications</i> , 2016, 52, 2177-2180.	4.1	21
81	Sensitive surface enhanced Raman spectroscopy (SERS) detection of methotrexate by core-shell-satellite magnetic microspheres. <i>Talanta</i> , 2017, 171, 152-158.	5.5	21
82	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.	2.5	21
83	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
84	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
85	Synchronous fluorescence analysis of phytate in food. <i>Mikrochimica Acta</i> , 2009, 164, 35-40.	5.0	20
86	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
87	Photocatalytic Cyclization/Defluorination Domino Sequence to Access 3-Fluoro-1,5-dihydro-2H-pyrrol-2-one Scaffold. <i>Organic Letters</i> , 2021, 23, 4754-4758.	4.6	20
88	Preparation and photocatalytic properties of Fe-doped TiO ₂ nanoparticles. <i>Central South University</i> , 2004, 11, 161-165.	0.5	18
89	Selective fishing and analysis of xanthine oxidase binders from two Fabaceae species by coupling enzyme functionalized core-shell magnetic nanoparticles with HPLC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 945-946, 163-170.	2.3	18
90	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

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91	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
92	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
93	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
94	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
95	Microwave-assisted extraction of polysaccharides from solanum nigrum. <i>Central South University</i> , 2005, 12, 556-560.	0.5	17
96	In situ synthesis of monolithic molecularly imprinted stationary phases for liquid chromatographic enantioseparation of dibenzoyl tartaric acid enantiomers. <i>Journal of Porous Materials</i> , 2012, 19, 587-595.	2.6	17
97	One-step separation of nine structural analogues from <i>Poria cocos</i> (Schw.) Wolf. via tandem high-speed counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 10-16.	2.3	17
98	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
99	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
100	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
101	Visible-Light-Promoted Hydroxydifluoroalkylation of Alkenes Enabled by Electron Donor-Acceptor Complex. <i>Organic Letters</i> , 2021, 23, 9474-9479.	4.6	16
102	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
103	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
104	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
105	Rational assembly of CO-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
106	GRAPHENE AS TUNABLE STATIONARY PHASE ADDITIVE FOR ENANTIOSEPARATION. <i>Nano</i> , 2013, 08, 1350069.	1.0	14
107	Using nonrandom two-liquid model for solvent system selection in counter-current chromatography. <i>Journal of Chromatography A</i> , 2014, 1355, 80-85.	3.7	14
108	Enhanced electrochemical performance of porous activated carbon by forming composite with graphene as high-performance supercapacitor electrode material. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	1.9	14

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109	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
110	Phosphine-Mediated MBH-Type/Umpolung Addition Domino Sequence: Divergent Construction of Coumarins. <i>Organic Letters</i> , 2020, 22, 488-492.	4.6	14
111	<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
112	Extraction of Phenylalanine Enantiomers by Aqueous Two Phase Systems Containing Combinatorial Chiral Selector. <i>Chinese Journal of Chemistry</i> , 2012, 30, 965-969.	4.9	13
113	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
114	Isolation of \pm -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
115	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
116	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
117	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
118	The construction of NiFeS ₃ /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
119	<i>N</i> , <i>N</i> , <i>N</i> – TM , <i>N</i> – TM -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
120	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
121	Screening and separation of \pm -amylase inhibitors from <i>Solanum nigrum</i> with amylase–functionalized magnetic graphene oxide combined with high-speed counter-current chromatography. <i>Journal of Separation Science</i> , 2017, 40, 4780-4787.	2.5	12
122	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
123	Adsorption of glutamic acid from aqueous solution with calcined layered double Mg–Fe–CO ₃ hydroxide. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 3971-3978.	4.2	11
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