

# Guang Chen

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

112  
papers

3,791  
citations

35  
h-index

58  
g-index

112  
ext. papers

4,891  
ext. citations

7.3  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
112	Recent advances in enzyme immobilization based on novel porous framework materials and its applications in biosensing. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 459, 214414	23.2	7
111	Strategies for improving the safety and RNAi efficacy of noncovalent peptide/siRNA nanocomplexes.. <i>Advances in Colloid and Interface Science</i> , <b>2022</b> , 302, 102638	14.3	0
110	TiB2 thin film enabled efficient NH3 electrosynthesis at ambient conditions. <i>Materials Today Physics</i> , <b>2021</b> , 18, 100396	8	37
109	Current strategies for the development of fluorescence-based molecular probes for visualizing the enzymes and proteins associated with Alzheimer's disease. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 427, 213553	23.2	21
108	Rational design of carbon materials as anodes for potassium-ion batteries. <i>Energy Storage Materials</i> , <b>2021</b> , 34, 483-507	19.4	59
107	A magnetron sputtered Mo3Si thin film: an efficient electrocatalyst for N2 reduction under ambient conditions. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 884-888	13	53
106	Theoretical evaluation of the carbene-based site-selectivity in gold(III)-catalyzed annulations of alkynes with anthranils. <i>Chemical Communications</i> , <b>2021</b> , 57, 1494-1497	5.8	2
105	Stable and twisted 5,6:12,13-dinaphthoethrene from angular extension. <i>Chemical Communications</i> , <b>2021</b> , 57, 9712-9715	5.8	1
104	A-site perovskite oxides: an emerging functional material for electrocatalysis and photocatalysis. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 6650-6670	13	48
103	Recent progresses and remaining challenges for the detection of Zika virus. <i>Medicinal Research Reviews</i> , <b>2021</b> , 41, 2039-2108	14.4	7
102	Visualizing the hypoxic heterogeneity for distinguishing the cancer tissues with a two-photon nitroreductase-H2S logic probe via intramolecular isomerization. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 347, 130647	8.5	1
101	Imaging strategies using cyanine probes and materials for biomedical visualization of live animals. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 447, 214134	23.2	4
100	Ebselen-Agents for Sensing, Imaging and Labeling: Facile and Full-Featured Application in Biochemical Analysis.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 2217-2230	4.1	3
99	An Mn-doped NiCoP flower-like structure as a highly efficient electrocatalyst for hydrogen evolution reaction in acidic and alkaline solutions with long duration. <i>Nanoscale</i> , <b>2021</b> , 13, 11069-11076	7.7	19
98	Lead chlorine cluster assembled one-dimensional halide with highly efficient broadband white-light emission. <i>Chemical Communications</i> , <b>2021</b> , 57, 1218-1221	5.8	11
97	Oxidation-etching induced morphology regulation of Cu catalysts for high-performance electrochemical N2 reduction. <i>EcoMat</i> , <b>2020</b> , 2, e12026	9.4	7
96	Recent advances in electrospun one-dimensional carbon nanofiber structures/heterostructures as anode materials for sodium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 11493-11510	13	69

95	Single-atom nanozymes: A rising star for biosensing and biomedicine. <i>Coordination Chemistry Reviews</i> , <b>2020</b> , 418, 213376	23.2	58
94	Theoretical elucidation of the multi-functional synthetic methodology for switchable Ni(0)-catalyzed C=C allylations, alkenylations and dienylation with allenes. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 4219-4228	5.5	6
93	A cobalt-phosphorus nanoparticle decorated N-doped carbon nanosheet array for efficient and durable hydrogen evolution at alkaline pH. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 3884-3887	5.8	94
92	Identifying the Origin of Ti Activity toward Enhanced Electrocatalytic N Reduction over TiO Nanoparticles Modulated by Mixed-Valent Copper. <i>Advanced Materials</i> , <b>2020</b> , 32, e2000299	24	171
91	Sn dendrites for electrocatalytic N <sub>2</sub> reduction to NH <sub>3</sub> under ambient conditions. <i>Sustainable Energy and Fuels</i> , <b>2020</b> , 4, 4469-4472	5.8	43
90	Greatly Enhanced Electrocatalytic N <sub>2</sub> Reduction over V <sub>2</sub> O <sub>3</sub> /C by P Doping. <i>ChemNanoMat</i> , <b>2020</b> , 6, 1315-1319	5.3	62
89	Recent advances in electrospun nanofibers for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 16747-16789	13	79
88	Imaging of the mutual regulation between zinc cation and nitrosyl via two-photon fluorescent probes in cells and in vivo. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127772	8.5	13
87	The cross-talk modulation of excited state electron transfer to reduce the false negative background for high fidelity imaging. <i>Chemical Science</i> , <b>2020</b> , 11, 1964-1974	9.4	15
86	Aqueous electrocatalytic N <sub>2</sub> reduction for ambient NH <sub>3</sub> synthesis: recent advances in catalyst development and performance improvement. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 1545-1556	13	158
85	Detection of Selenocysteine with a Ratiometric near-Infrared Fluorescent Probe in Cells and in Mice Thyroid Diseases Model. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 1589-1597	7.8	41
84	Metal-based electrocatalytic conversion of CO <sub>2</sub> to formic acid/formate. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 21947-21960	13	54
83	A Boric Acid-Functionalized Lanthanide Metal-Organic Framework as a Fluorescence "Turn-on" Probe for Selective Monitoring of Hg and CHHg. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3366-3372	7.8	60
82	Theoretical Insights into Ester-Directed Reactions between Propiolates with 1,2-Benzisoxazoles by Au(I) Catalyst: [4 + 2]-Annulation versus Michael-Type Products. <i>Organometallics</i> , <b>2020</b> , 39, 4061-4068	3.8	2
81	Zero-Dimensional Hybrid Cd-Based Perovskites with Broadband Bluish White-Light Emissions. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 3050-3058	4.5	7
80	Electrocatalytic N <sub>2</sub> reduction to NH <sub>3</sub> with high Faradaic efficiency enabled by vanadium phosphide nanoparticle on V foil. <i>Nano Research</i> , <b>2020</b> , 13, 2967-2972	10	32
79	Enabling electrochemical conversion of N <sub>2</sub> to NH <sub>3</sub> under ambient conditions by a CoP <sub>3</sub> nanoneedle array. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17956-17959	13	35
78	Iron-based phosphides as electrocatalysts for the hydrogen evolution reaction: recent advances and future prospects. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 19729-19745	13	166

77	A review of cathode materials in lithium-sulfur batteries. <i>Ionics</i> , <b>2020</b> , 26, 5299-5318	2.7	24
76	An aggregation-induced emission fluorogen/DNA probe carrying an endosome escaping pass for tracking reduced thiol compounds in cells. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 7811-7817	4.4	3
75	A bright two-photon fluorescence probe with large Stokes shift for deep tissue imaging of H <sub>2</sub> S during metabolism. <i>Dyes and Pigments</i> , <b>2020</b> , 172, 107850	4.6	6
74	Mechanistic insights into the origin of substituent-directed product Z/E selectivity for gold-catalyzed [4+1]-annulations of 1,4-diyne-3-ols with isoxazoles: A DFT study. <i>Molecular Catalysis</i> , <b>2020</b> , 480, 110647	3.3	4
73	Artificial Blood Vessel Frameworks from 3D Printing-Based Super-Assembly as In Vitro Models for Early Diagnosis of Intracranial Aneurysms. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 3188-3198	9.6	5
72	A Metal-Organic Framework as Selectivity Regulator for Fe and Ascorbic Acid Detection. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12453-12460	7.8	92
71	Ratiometric two-photon fluorescent probe for in situ imaging of carboxylesterase (CE)-mediated mitochondrial acidification during medication. <i>Chemical Communications</i> , <b>2019</b> , 55, 11358-11361	5.8	49
70	A highly sensitive near-infrared ratiometric fluorescent probe for imaging of mitochondrial hydrazine in cells and in mice models. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 286, 69-76	8.5	33
69	Coaxial sensing bio-amplifier for ultrasensitive detections of circulating tumor DNAs. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 141, 111414	11.8	1
68	Recent progress in the design fabrication of metal-organic frameworks-based nanozymes and their applications to sensing and cancer therapy. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 137, 178-198	11.8	127
67	DNA-Functionalized Metal-Organic Framework: Cell Imaging, Targeting Drug Delivery and Photodynamic Therapy. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 6593-6596	5.1	29
66	Turn-on fluorescence detection of $\beta$ -glucuronidase using RhB@MOF-5 as an ultrasensitive nanoprobe. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 295, 1-6	8.5	33
65	Ratiometric Surface Enhanced Raman Scattering Immunosorbent Assay of Allergenic Proteins via Covalent Organic Framework Composite Material Based Nanozyme Tag Triggered Raman Signal "Turn-on" and Amplification. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11687-11695	7.8	55
64	Mechanistic Investigation of Au(III)-Catalyzed Cycloisomerizations of N-Propargylcarboxamides. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 6822-6829	3.2	1
63	Luminescent metal organic frameworks with recognition sites for detection of hypochlorite through energy transfer. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 740	5.8	9
62	Imaging of Endogenous Hydrogen Peroxide during the Process of Cell Mitosis and Mouse Brain Development with a Near-Infrared Ratiometric Fluorescent Probe. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 1203-1210	7.8	38
61	Unveiling the mechanisms and secrets of chemoselectivities in Au(I)-catalyzed diazo-based couplings with aryl unsaturated aliphatic alcohols. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 4450-4462	5.5	15
60	Rationally Optimized Fluorescent Probe for Imaging Mitochondrial SO in HeLa Cells and Zebrafish. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12442-12448	7.8	43

59	Stable isotope labeling assisted liquid chromatography-tandem mass spectrometry for the analysis of perfluorinated carboxylic acids in serum samples. <i>Talanta</i> , <b>2017</b> , 166, 255-261	6.2	7
58	A facile carbon dots based fluorescent probe for ultrasensitive detection of ascorbic acid in biological fluids via non-oxidation reduction strategy. <i>Talanta</i> , <b>2017</b> , 165, 677-684	6.2	58
57	A versatile ratiometric nanosensing approach for sensitive and accurate detection of Hg and biological thiols based on new fluorescent carbon quantum dots. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 2373-2382	4.4	34
56	Development of a facile and sensitive HPLC-FLD method via fluorescence labeling for triterpenic acid bioavailability investigation. <i>Biomedical Chromatography</i> , <b>2017</b> , 31, e3894	1.7	2
55	Sensitive determination of thiols in wine samples by a stable isotope-coded derivatization reagent d/d-acridone-10-ethyl-N-maleimide coupled with high-performance liquid chromatography-electrospray ionization-tandem mass spectrometry analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1491, 98-107	4.5	9
54	A rapid, accurate and sensitive method with the new stable isotopic tags based on microwave-assisted dispersive liquid-liquid microextraction and its application to the determination of hydroxyl UV filters in environmental water samples. <i>Talanta</i> , <b>2017</b> , 167, 242-252	6.2	21
53	A new combined method of stable isotope-labeling derivatization-ultrasound-assisted dispersive liquid-liquid microextraction for the determination of neurotransmitters in rat brain microdialysates by ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2017</b> , 1054, 64-72	3.2	14
52	A novel dual-ratiometric-response fluorescent probe for SO/CLO detection in cells and in vivo and its application in exploring the dichotomous role of SO under the CLO induced oxidative stress. <i>Biomaterials</i> , <b>2017</b> , 133, 82-93	15.6	111
51	Facile and sensitive determination of N-nitrosamines in food samples by high-performance liquid chromatography via combining fluorescent labeling with dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , <b>2017</b> , 234, 408-415	8.5	32
50	Domino Reaction of ortho-Carbonylated Alkyne-Substituted Arylaldehydes with Arylsulfinic Acids: Efficient Access to Sulfonyl-Functionalized Indanones. <i>Asian Journal of Organic Chemistry</i> , <b>2017</b> , 6, 921-926	3.2	11
49	3-(2-Bromoacetamido)-N-(9-ethyl-9H)-carbazol fluorescent probe and its application for the determination of thiophenols in rubber products by HPLC with fluorescence detection and atmospheric chemical ionization mass spectrometry identification. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 2528-2540	3.4	3
48	Carbon dots for fluorescent detection of $\alpha$ -glucosidase activity using enzyme activated inner filter effect and its application to anti-diabetic drug discovery. <i>Analytica Chimica Acta</i> , <b>2017</b> , 973, 91-99	6.6	48
47	Fluorometric determination and imaging of glutathione based on a thiol-triggered inner filter effect on the fluorescence of carbon dots. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 1923-1931	5.8	25
46	Base-Mediated Domino Reaction of ortho-Carbonylated Alkynyl-Substituted Arenealdehydes with Indoles: Access to Indole-Functionalized Isobenzofurans. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2615-2620	3.2	10
45	Analysis of amino acid and monoamine neurotransmitters and their metabolites in rat urine of Alzheimer's disease using in situ ultrasound-assisted derivatization dispersive liquid-liquid microextraction with UHPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 135, 186-198	3.5	34
44	Synthesis of thienyl-substituted isochromene derivatives through gold-catalyzed tandem heteroarylation/cycloisomerization of ortho-alkynylbenzaldehydes with thiophenes. <i>Synthetic Communications</i> , <b>2017</b> , 47, 463-470	1.7	10
43	Chemoselective $\alpha$ -Methylenation of Aromatic Ketones Using the NaAuCl/Selectfluor/DMSO System. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 12059-12065	4.2	14
42	A two-photon ratiometric fluorescent probe for the synergistic detection of the mitochondrial SO/HClO crosstalk in cells and in vivo. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 8389-8398	7.3	60

41	Theoretical Insight into C(sp <sup>3</sup> )-C Bond Activations and Origins of Chemo- and Regioselectivities of Irunable Nickel-Mediated/-Catalyzed Couplings of 2-Trifluoromethyl-1-alkenes with Alkynes. <i>Organometallics</i> , <b>2017</b> , 36, 3739-3749	3.8	23
40	Bright and sensitive ratiometric fluorescent probe enabling endogenous FA imaging and mechanistic exploration of indirect oxidative damage due to FA in various living systems. <i>Chemical Science</i> , <b>2017</b> , 8, 7851-7861	9.4	70
39	Wide-Acidity-Range pH Fluorescence Probes for Evaluation of Acidification in Mitochondria and Digestive Tract Mucosa. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 8509-8516	7.8	41
38	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of $\alpha$ -ketoglutaric acid based on a special sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 1035-1042	8.5	8
37	Rapid and sensitive screening of some acidic micronutrients in infant foods by HPLC with fluorescent detector. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 2867-73	4.3	3
36	Monitoring the contents of six steroidal and phenolic endocrine disrupting chemicals in chicken, fish and aquaculture pond water samples using pre-column derivatization and dispersive liquid-liquid microextraction with the aid of experimental design methodology. <i>Food Chemistry</i> , <b>2016</b> , 188, 69-76	8.5	51
35	Sensitive and background-free determination of thiols from wastewater samples by MOF-5 extraction coupled with high-performance liquid chromatography with fluorescence detection using a novel fluorescence probe of carbazole-9-ethyl-2-maleimide. <i>Talanta</i> , <b>2016</b> , 161, 228-237	6.2	23
34	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> , <b>2016</b> , 161, 253-264	6.2	34
33	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> , <b>2016</b> , 1458, 70-81	4.5	34
32	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> , <b>2016</b> , 64, 8225-8234	5.7	34
31	Carbon dots-based ratiometric nanosensor for highly sensitive and selective detection of mercury(II) ions and glutathione. <i>RSC Advances</i> , <b>2016</b> , 6, 103169-103177	3.7	36
30	Convenient and Sensitive HPLC Method for Determination of Nitrosamines in Foodstuffs Based on Pre-column Fluorescence Labeling. <i>Chromatographia</i> , <b>2016</b> , 79, 431-439	2.1	7
29	Gold-Catalyzed Reaction of ortho-Alkynylarylaldehydes with Conjugated Dienes: An Efficient Access to Highly Strained Tetracyclic Bridgehead Olefins. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9125-9134	4.8	30
28	Facile and Sensitive Fluorescence Sensing of Alkaline Phosphatase Activity with Photoluminescent Carbon Dots Based on Inner Filter Effect. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2720-6	7.8	261
27	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> , <b>2016</b> , 1437, 49-57	4.5	34
26	A fluorescence resonance energy transfer (FRET) based "Turn-On" nanofluorescence sensor using a nitrogen-doped carbon dot-hexagonal cobalt oxyhydroxide nanosheet architecture and application to $\alpha$ -glucosidase inhibitor screening. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 79, 728-35	11.8	90
25	Silver-Catalyzed Domino Reaction of ortho-Carbonylated Alkynyl-Substituted Arylaldehydes with Conjugated Dienes: Stereoselective Access to Indanone-Fused Cyclohexenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12401-12407	4.2	24
24	Highly efficient and sensitive screening of ractopamine in foodstuffs by HPLC-FLD using fluorescent labeling and ultrasonic-assisted dispersive liquid-liquid microextraction. <i>Analytical Methods</i> , <b>2016</b> , 8, 3488-3495	3.2	3

23	A sensitive and efficient method for the determination of 8 chlorophenoxy acid herbicides in crops by dispersive liquid-liquid microextraction and HPLC with fluorescence detection and identification by MS. <i>Analytical Methods</i> , <b>2016</b> , 8, 3536-3544	3.2	8
22	Facile and ultrasensitive fluorescence sensor platform for tumor invasive biomarker $\beta$ -glucuronidase detection and inhibitor evaluation with carbon quantum dots based on inner-filter effect. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 85, 358-362	11.8	78
21	Metal-Free Reaction of ortho-Carbonylated Alkynyl-Substituted Arylaldehydes with Common Amines: Selective Access to Functionalized Isoindolinone and Indenamine Derivatives. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16979-16985	4.8	25
20	Sc(OTf) <sub>3</sub> -catalyzed cyclization of $\beta$ -allylated 1,3-dicarbonyls: an efficient access to 2,2-disubstituted 2,3-dihydrofuran derivatives. <i>RSC Advances</i> , <b>2016</b> , 6, 74582-74585	3.7	11
19	Determination of phthalate esters in environmental water by magnetic Zeolitic Imidazolate Framework-8 solid-phase extraction coupled with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1409, 46-52	4.5	100
18	Electrochemical behavior and voltammetric determination of dihydronicotinamide adenine dinucleotide using a glassy carbon electrode modified with single-walled carbon nanohorns. <i>Ionics</i> , <b>2015</b> , 21, 2911-2917	2.7	4
17	Accurate Analysis and Evaluation of Acidic Plant Growth Regulators in Transgenic and Nontransgenic Edible Oils with Facile Microwave-Assisted Extraction-Derivatization. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 8058-67	5.7	5
16	A Rapid and Sensitive Method for Semicarbazide Screening in Foodstuffs by HPLC with Fluorescence Detection. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 1804-1811	3.4	17
15	A simple and sensitive HPLC method based on pre-column fluorescence labelling for multiple classes of plant growth regulator determination in food samples. <i>Food Chemistry</i> , <b>2015</b> , 170, 123-30	8.5	37
14	Gold-catalyzed tandem cycloisomerization/Petasis-Perrier rearrangement: a direct route to 3-alkoxyindanones from enynals and alcohols. <i>RSC Advances</i> , <b>2015</b> , 5, 103155-103158	3.7	18
13	Simultaneous determination of six triterpenic acids in some Chinese medicinal herbs using ultrasound-assisted dispersive liquid-liquid microextraction and high-performance liquid chromatography with fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 107, 98-107	3.5	31
12	Development of ultrasonic-assisted closed in-syringe extraction and derivatization for the determination of labile abietic acid and dehydroabietic acid in cosmetics. <i>Journal of Chromatography A</i> , <b>2014</b> , 1371, 20-9	4.5	11
11	Theoretical Investigation of the Controlled Metathesis Reactions of Methylruthenium(II) Complexes with Terminal Acetylenes. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2502-2511	2.3	7
10	Sensitive, accurate and rapid detection of trace aliphatic amines in environmental samples with ultrasonic-assisted derivatization microextraction using a new fluorescent reagent for high performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1352, 8-19	4.5	16
9	Development of an Efficient HPLC Fluorescence Detection Method for Brassinolide by Ultrasonic-Assisted Dispersive Liquid-Liquid Microextraction Coupled with Derivatization. <i>Chromatographia</i> , <b>2014</b> , 77, 1653-1660	2.1	18
8	Rapid and sensitive ultrasonic-assisted derivatisation microextraction (UDME) technique for bitter taste-free amino acids (FAA) study by HPLC-FLD. <i>Food Chemistry</i> , <b>2014</b> , 143, 97-105	8.5	26
7	NOVEL REAGENT FOR THE SENSITIVE DETERMINATION OF FREE FATTY ACIDS BY HPLC WITH FLUORESCENCE DETECTION AND IDENTIFICATION WITH MASS SPECTROMETRY AND APPLICATION TO SEVERAL MEDICINAL HERBS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2013</b> , 36, 2107-2124	1.3	2
6	A sensitive high-performance liquid chromatography method with fluorescence detection for the determination of fatty acids as exemplified for <i>Dendrobium</i> species. <i>European Journal of Lipid Science and Technology</i> , <b>2013</b> , 115, n/a-n/a	3	3

5	A sensitive and efficient method for simultaneous trace detection and identification of triterpene acids and its application to pharmacokinetic study. <i>Talanta</i> , <b>2012</b> , 98, 101-11	6.2	17
4	A sensitive and efficient method to systematically detect two biophenols in medicinal herb, herbal products and rat plasma based on thorough study of derivatization and its convenient application to pharmacokinetics with semi-automated device. <i>Journal of Chromatography A</i> , <b>2012</b> , 1249, 190-200	4.5	6
3	Purification and determination of bisphenol A and alkylphenol in river sediments by high performance liquid chromatography with fluorescence detection. <i>Analytical Methods</i> , <b>2012</b> , 4, 4030	3.2	8
2	Composition Analysis of Free Fatty Acids from Swertia Species by a Novel Pre-column Fluorescence Labelling Method Using HPLC-FLD. <i>JAACS, Journal of the American Oil Chemists Society</i> , <b>2012</b> , 89, 585-595	1.8	2
1	Enzyme Mimics for Engineered Biomimetic Cascade Nanoreactors: Mechanism, Applications, and Prospects. <i>Advanced Functional Materials</i> , 2106139	15.6	20