

# Jinmao You

## List of Publications by Year in Descending Order

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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.

260  
papers

5,363  
citations

36  
h-index

56  
g-index

262  
ext. papers

6,269  
ext. citations

4.6  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
260	SERS based Y-shaped aptasensor for early diagnosis of acute kidney injury. <i>RSC Advances</i> , <b>2022</b> , 12, 15910-15917	3.7	15917
259	Catalyst-Free and Transition-Metal-Free Approach to 1,2-Diketones via Aerobic Alkyne Oxidation. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 5354-5361	4.2	6
258	Analysis of estrogens in milk samples using ionic liquid-modified covalent organic framework and stable isotope labeling technique. <i>European Food Research and Technology</i> , <b>2021</b> , 247, 2729-2738	3.4	0
257	A facile dual-function fluorescent probe for detection of phosgene and nitrite and its applications in portable chemosensor analysis and food analysis. <i>Talanta</i> , <b>2021</b> , 221, 121477	6.2	13
256	Fluorescence turn-off magnetic COF composite as a novel nanocarrier for drug loading and targeted delivery. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 311, 110713	5.3	21
255	Fluorescence Turn-off Magnetic Fluorinated Graphene Composite with High NIR Absorption for Targeted Drug Delivery. <i>ChemNanoMat</i> , <b>2021</b> , 7, 71-77	3.5	7
254	Construction of a near-infrared fluorescent probe for ratiometric imaging of peroxynitrite during tumor progression. <i>Analyst, The</i> , <b>2021</b> , 146, 5204-5211	5	3
253	Evaluation of cyclooxygenase-2 fluctuation via a near-infrared fluorescent probe in idiopathic pulmonary fibrosis cell and mice models. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 6226-6233	7.3	4
252	Rational Construction of Fluorescence Turn-Off Fluorinated Carbon Fiber/Ag Composites and Their Anticancer and Antibacterial Activities.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 1749-1759	4.1	4
251	Design of unique porous carbons with double support structure: toward overall performance by employing bidirectional anchoring strategy. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 5075-5085	13	7
250	Nonoxidative Strategy for Monitoring Peroxynitrite Fluctuations in Immune Responses of Tumorigenesis. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3426-3435	7.8	11
249	Cerium Ammonium Nitrate-Mediated Access to Biaryl Lactones: Substrate Scopes and Mechanism Studies. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 13371-13380	4.2	1
248	Leaf-inspired fluorescence-switchable nanosystem for visual loading of mixed drugs and targeted delivery. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 337, 116397	6	2
247	Novel Porous Rhodium Metal-Organic Aerogel for Efficient Removal of Organic Dyes and Catalysis of Si-H Insertion Reactions. <i>ACS Omega</i> , <b>2021</b> , 6, 26766-26772	3.9	1
246	A covalent organic framework/MnO <sub>2</sub> nanosheet system for determination of glutathione. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 10022-10034	4.3	4
245	Fluorescent Detection of 2,4-Dichlorophenoxyacetic Acid in Food Samples Based on Covalent Organic Frameworks and MnO <sub>2</sub> Nanosheets. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 1842-1851	3.4	6
244	A novel switchable solvent liquid-phase microextraction technique based on the solidification of floating organic droplets: HPLC-FLD analysis of polycyclic aromatic hydrocarbon monohydroxy metabolites in urine samples. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 3038-3044	3.6	4

243	Cationic Surfactant Modified 3D COF and Its Application in the Adsorption of UV Filters and Alkylphenols from Food Packaging Material Migrants. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 3663-3669	5.7	5
242	Using 4-(Carbazole-9-yl)-benzyl Chloroformate as a Derivatization Reagent for the Measurement of Amino Acids in Tea Samples by High-Performance Liquid Chromatography with Fluorescence Detection. <i>Chromatographia</i> , <b>2020</b> , 83, 487-496	2.1	1
241	Adsorption behavior of a metal organic framework of University in Oslo 67 and its application to the extraction of sulfonamides in meat samples. <i>Journal of Chromatography A</i> , <b>2020</b> , 1619, 460949	4.5	15
240	TBAF-Catalyzed Cyclization Reactions of o-(Alkynyl)phenyl Propargyl Alcohols with Malonate Esters: A Possible Cation-Interaction as The Activation Approach. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 978-984	3.2	5
239	Fluorescent iridium(III) coumarin-salicylaldehyde Schiff base compounds as lysosome-targeted antitumor agents. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5988-5998	4.3	11
238	Palladium-Catalyzed Cycloaddition of Alkynylimines, Double Isocyanides, and HO/KOAc. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 6441-6449	4.2	9
237	A FRET-based ratiometric fluorescent probe for sulfide detection in actual samples and imaging in <i>Daphnia magna</i> . <i>Talanta</i> , <b>2020</b> , 209, 120517	6.2	9
236	Fluorescent COFs with a highly conjugated structure for visual drug loading and responsive release. <i>Chemical Communications</i> , <b>2020</b> , 56, 519-522	5.8	33
235	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
234	One-Pot Methylenation-Cyclization Employing Two Molecules of CO with Arylamines and Enaminones. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 912-923	4.2	19
233	A smart bioresponsive nanosystem with dual-modal imaging for drug visual loading and targeted delivery. <i>Chemical Engineering Journal</i> , <b>2020</b> , 391, 123619	14.7	30
232	A novel fluorescent labeling reagent, 2-(9-acridone)-ethyl chloroformate, and its application to the analysis of free amino acids in honey samples by HPLC with fluorescence detection and identification with online ESI-MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 8339-8350	4.4	0
231	Hydrosilane-Assisted Synthesis of Urea Derivatives from CO and Amines. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 13347-13353	4.2	6
230	Reductive CO Fixation via the Selective Formation of C-C Bonds: Bridging Enaminones and Synthesis of 1,4-Dihydropyridines. <i>Organic Letters</i> , <b>2020</b> , 22, 8326-8331	6.2	13
229	Copper nanoclusters@Al complexes with strong and stable aggregation-induced emission for application in enzymatic determination of urea. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 457	5.8	7
228	Permanently Positively Charged Stable Isotope Labeling Agents and Its Application in the Accurate Quantitation of Alkylphenols Migrated from Plastics to Edible Oils. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 9024-9031	5.7	4
227	How to make an efficient gas-phase heterogeneous CO <sub>2</sub> hydrogenation photocatalyst. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 3054-3063	35.4	20
226	Synthesis of fused-tetrahydropyrimidines: one-pot methylenation-cyclization utilizing two molecules of CO. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6881-6888	3.9	10

- 225 An aggregation-induced emission fluorogen/DNA probe carrying an endosome escaping pass for tracking reduced thiol compounds in cells. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 7811-7817 4.4 3
- 224 A rapid response near-infrared ratiometric fluorescent probe for the real-time tracking of peroxyxynitrite for pathological diagnosis and therapeutic assessment in a rheumatoid arthritis model. *Journal of Materials Chemistry B*, **2020**, 8, 9343-9350 7.3 7
- 223 Smart On-off-on fluorescent switches for drug visual loading and responsive delivery. *Dyes and Pigments*, **2020**, 173, 107893 4.6 24
- 222 Aggregation-induced emission of copper nanoclusters triggered by synergistic effect of dual metal ions and the application in the detection of HO and related biomolecules. *Talanta*, **2020**, 207, 120289 6.2 19
- 221 Dual lanthanide-probe based on coordination polymer networks for ratiometric detection of glyphosate in food samples. *Food Chemistry*, **2020**, 323, 126815 8.5 19
- 220 High-Contrast Polymorphic Luminogen Formed through Effect of Tiny Differences in Intermolecular Interactions on the Intramolecular Charge Transfer Process. *Advanced Optical Materials*, **2020**, 8, 2000436 8.1 8
- 219 A Copper-Catalyzed Three-Component Reaction for the Preparation of Polysubstituted Pyrroles from Alkynyl Ketones, Amines and Isocyanacetates. *ChemistrySelect*, **2019**, 4, 9497-9500 1.8
- 218 Determination of nitrofuran metabolites in marine products by high performance liquid chromatography fluorescence detection with microwave-assisted derivatization. *New Journal of Chemistry*, **2019**, 43, 2649-2657 3.6 10
- 217 Hierarchical NiSe<sub>2</sub> spheres composed of tiny nanoparticles for high performance asymmetric supercapacitors. *CrystEngComm*, **2019**, 21, 994-1000 3.3 34
- 216 Ambient electrochemical N reduction to NH under alkaline conditions enabled by a layered KTiO nanobelt. *Chemical Communications*, **2019**, 55, 7546-7549 5.8 10
- 215 A novel multi-purpose Zn-MOF fluorescent sensor for 2,4-dinitrophenylhydrazine, picric acid, La and Ca: Synthesis, structure, selectivity, sensitivity and recyclability. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 222, 117207 4.4 14
- 214 A novel biomass-based reusable AIE material: AIE properties and potential applications in amine/ammonia vapor sensing and information storage. *Journal of Materials Chemistry C*, **2019**, 7, 8404-8411 7.1 15
- 213 External Reductant-Free Palladium-Catalyzed Reductive Insertion of Isocyanide: Synthesis of Polysubstituted Pyrroles and Its Applications as a Cysteine Probe. *Organic Letters*, **2019**, 21, 4044-4048 6.2 35
- 212 Emissions of terbium metal-organic frameworks modulated by dispersive/agglomerated gold nanoparticles for the construction of prostate-specific antigen biosensor. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 3979-3988 4.4 21
- 211 Synergistic electrocatalytic N<sub>2</sub> reduction using a PTCA nanorod/GO hybrid. *Journal of Materials Chemistry A*, **2019**, 7, 12446-12450 13 19
- 210 Polystyrene Encapsulated SERS Tags as Promising Standard Tools: Simple and Universal in Synthesis; Highly Sensitive and Ultrastable for Bioimaging. *Analytical Chemistry*, **2019**, 91, 5270-5277 7.8 29
- 209 Integration of stable isotope labeling derivatization and magnetic dispersive solid phase extraction for measurement of neurosteroids by in vivo microdialysis and UHPLC-MS/MS. *Talanta*, **2019**, 199, 97-106 6.2 19
- 208 Synthesis, structure, fluorescence and electrochemical properties of a new Zn(II) organic framework constructed by a tricarboxylic acid ligand. *New Journal of Chemistry*, **2019**, 43, 13635-13641 3.6 6

207	A novel NBD-based fluorescent turn-on probe for detection of phosgene in solution and the gas phase. <i>Analytical Methods</i> , <b>2019</b> , 11, 4600-4608	3.2	12
206	Ratiometric detection of alkaline phosphatase based on aggregation-induced emission enhancement. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 7431-7440	4.4	9
205	Determination of adenosine triphosphate based on the use of fluorescent terbium(III) organic frameworks and aptamer modified gold nanoparticles. <i>Mikrochimica Acta</i> , <b>2019</b> , 187, 34	5.8	16
204	Stable isotope labeling derivatization coupled with magnetic dispersive solid phase extraction for the determination of hydroxyl-containing cholesterol and metabolites by in vivo microdialysis and ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B</i> , <b>2019</b> , 1501, 22-33	4.5	16
203	Aggregation-induced emission enhancement of gold nanoclusters triggered by silicon nanoparticles for ratiometric detection of protamine and trypsin. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1046, 170-178	6.6	37
202	A highly sensitive and selective method for determination of phenoxy carboxylic acids from environmental water samples by dispersive solid-phase extraction coupled with ultra high performance liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , <b>2019</b> , 191, 313-323	6.2	25
201	Determination of residual organophosphorus thioester pesticides in agricultural products by chemical isotope-labelling liquid chromatography-tandem mass spectrometry coupled with in-syringe dispersive solid phase clean-up and in situ cleavage. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1055, 44-55	6.6	11
200	TBAF-Catalyzed O-Nucleophilic Cyclization of Enaminones: A Process for the Synthesis of Dihydroisobenzofuran Derivatives. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 1379-1386	4.2	15
199	Stable isotope labeling derivatization and magnetic dispersive solid phase extraction coupled with UHPLC-MS/MS for the measurement of brain neurotransmitters in post-stroke depression rats administrated with gastrodin. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1051, 73-81	6.6	31
198	Design of a multifunctional biotinylated copper complex for visualization and quantification of cancer hypoxia levels. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 282, 541-548	8.5	12
197	HPLC determination of $\beta$ -aminobutyric acid and its analogs in human serum using precolumn fluorescence labeling with 4-(carbazole-9-yl)-benzyl chloroformate. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 826-833	3.4	4
196	Novel fluorescence labeling reagent 4-(carbazole-9-yl)-benzyl chloroformate and its application in the determination of nitrofurantoin metabolites compounds in foodstuffs by high performance liquid chromatography with fluorescence detection. <i>Microchemical Journal</i> , <b>2019</b> , 145, 9-17	4.8	14
195	Highly selective metal-organic framework-based sensor for protamine through photoinduced electron transfer. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 3144-3155	4.3	9
194	Multifunctional fluorescent PEGylated fluorinated graphene for targeted drug delivery: An experiment and DFT study. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 573-582	4.6	44
193	Cationic gemini surfactant-resorcinol-aldehyde resin and its application in the extraction of endocrine disrupting compounds from food contacting materials. <i>Food Chemistry</i> , <b>2019</b> , 277, 407-413	8.5	15
192	A ratiometric detection of heparin with high sensitivity based on aggregation-enhanced emission of gold nanoclusters triggered by silicon nanoparticles. <i>Talanta</i> , <b>2019</b> , 193, 37-43	6.2	11
191	Simultaneous determination of five triterpenic acids in four <i>Corydalis</i> herb medicines by reversed-phase high performance liquid chromatography-fluorescence-mass spectrometer (RP-HPLC-FLD-MS) based on pre-column derivatization. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 49-57	1.3	0
190	Ratiometric Near-Infrared Fluorescent Probe for Synergistic Detection of Monoamine Oxidase B and Its Contribution to Oxidative Stress in Cell and Mice Aging Models. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4054-4061	7.8	47

189	A colorimetric platform for sensitively differentiating telomere DNA with different lengths, monitoring G-quadruplex and dsDNA based on silver nanoclusters and unmodified gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 196, 148-154	4.4	4
188	Photoinduced electron transfer from polymer-templated Ag nanoclusters to G-quadruplex-hemin complexes for the construction of versatile biosensors and logic gate applications. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 2211-2219	4.4	2
187	2-(4-Amino)-Phenyl-1-Hydrogen-Phenanthrene [9,10-d] Imidazole as a Novel Fluorescent Labeling Reagent for Determination of Fatty Acids in Raspberry. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 451-465	3.4	1
186	Simultaneous Detection of Adenosine Triphosphate and Glucose Based on the Cu-Fenton Reaction. <i>Sensors</i> , <b>2018</b> , 18,	3.8	5
185	Quaternary ammonium-functionalized MCM-48 mesoporous silica as a sorbent for the dispersive solid-phase extraction of endocrine disrupting compounds in water. <i>Journal of Chromatography A</i> , <b>2018</b> , 1557, 1-8	4.5	20
184	A novel and sensitive method for determining vitamin B3 and B7 by pre-column derivatization and high-performance liquid chromatography method with fluorescence detection. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198102 <sup>3</sup>	3.7	3
183	Analysis of Fatty Acids in <i>Trichosanthes kirilowii</i> Maxim by MSPD and Fluorescence Derivatization. <i>Journal of Chromatographic Science</i> , <b>2018</b> , 56, 941-947	1.4	3
182	Core-shell magnetic molecularly imprinted polymers used rhodamine B hydroxyproline derivate as template combined with in situ derivatization for the specific measurement of L-hydroxyproline. <i>Journal of Chromatography A</i> , <b>2018</b> , 1532, 30-39	4.5	23
181	A fluorescent sensor for detecting dopamine and tyrosinase activity by dual-emission carbon dots and gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 162, 212-219	6	25
180	A highly sensitive and selective method for analysis of biomarkers of diisocyanate exposure in human urine by high-performance liquid chromatography with intramolecular excimer-forming fluorescence derivatization. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 982-991	1.3	1
179	Surfactant-induced magnetic cationic phenolic resin and its application in the enrichment of the migrants from food contacting materials. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 1039-1046	1.3	4
178	Determination of thiols by gas purge microsyringe extraction coupled with chemical derivatization by high performance liquid chromatography-fluorescence detection with mass spectrometry identification. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2018</b> , 41, 794-803	1.3	4
177	Determination of Ultraviolet Filters in Domestic Wastewater by LCMS Coupled with Polydopamine-Based Magnetic Solid-Phase Extraction and Isotope-Coded Derivatization. <i>Chromatographia</i> , <b>2018</b> , 81, 1673-1684	2.1	3
176	One-pot synthesis of polyfunctionalized quinolines via a copper-catalyzed tandem cyclization. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 7657-7662	3.9	9
175	A resonance Rayleigh scattering sensor for sensitive differentiation of telomere DNA length and monitoring special motifs (G-quadruplex and i-motif) based on the Ag nanoclusters and NAND logic gate responding to chemical input signals. <i>Journal of Nanobiotechnology</i> , <b>2018</b> , 16, 78	9.4	0
174	A stable mesoporous metal-organic framework as highly efficient sorbent of dispersive micro solid-phase extraction for the determination of polycyclic aromatic hydrocarbons by HPLC. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 4331-4339	3.4	21
173	A novel high-performance liquid chromatography-fluorescence analysis coupled with in situ degradation-derivatization technique for quantitation of organophosphorus thioester pesticide residues in tea. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6911-6922	4.4	5
172	A novel metal-organic framework based on hexanuclear Co(II) clusters as an anode material for lithium-ion batteries. <i>CrystEngComm</i> , <b>2018</b> , 20, 5576-5582	3.3	7

171	A terbium-based metal-organic framework@gold nanoparticle system as a fluorometric probe for aptamer based determination of adenosine triphosphate. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 359	5.8	29
170	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
169	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
168	Determination of chlorophenoxy acid herbicides by using a zirconium-based metal-organic framework as special sorbent for dispersive micro-solid-phase extraction and high-performance liquid chromatography. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2241-2248	3.6	27
167	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
166	Ratiometric captopril assay based on the recovery of the Bi(III)-quenched yellow fluorescence of dually emitting carbon nanodots. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 2227-2230	3.6	8
165	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
164	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 B</i> , <b>2017</b> , 1481, 22-32	4.5	9
163	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
162	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</i> , <b>2017</b> , 1481, 33-42	3.2	14
161	Towards the determination of sulfonamides in meat samples: A magnetic and mesoporous metal-organic framework as an efficient sorbent for magnetic solid phase extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2017</b> , 1500, 24-31	4.5	79
160	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
159	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
158	A universal colorimetry for nucleic acids and aptamer-specific ligands detection based on DNA hybridization amplification. <i>Analytical Biochemistry</i> , <b>2017</b> , 528, 47-52	3.1	20
157	A novel polydentate ligand chromophore for simultaneously colorimetric detection of trace Ag and Fe <sup>3+</sup> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 186, 17-22	4.4	31
156	Study of the inhibitory effect of ferulic acid on short-chain fatty acids in milk samples by dispersive liquid-liquid micro-extraction in combination with fluorescence derivatization. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2017</b> , 40, 184-189	1.3	1
155	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
154	Optimization of Release Conditions for Acetylated Amino Sugars from Glycoprotein with the Aid of Experimental Design and Their Sensitive Determination with HPLC. <i>Chromatographia</i> , <b>2017</b> , 80, 861-872	2.1	3

153	Carbon dots for fluorescent detection of $\beta$ -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
152	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
151	Rapid and sensitive determination of multiple endocrine-disrupting chemicals by ultrasound-assisted in situ derivatization dispersive liquid-liquid microextraction coupled with ultra-high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2017</b> , 31, 937-950	2.2	23
150	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
149	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
148	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
147	Gas Purge Microsyringe Extraction Coupled with Dispersive Liquid-Liquid Microextraction for the Determination of Acidic Compounds in Food Packaging Materials. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 1164-1171	3.4	6
146	Chemoselective $\beta$ -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
145	A novel polydentate Schiff-base derivative developed for multi-wavelength colorimetric differentiation of trace Fe <sup>2+</sup> from Fe <sup>3+</sup> . <i>Analytical Methods</i> , <b>2017</b> , 9, 6240-6245	3.2	16
144	A versatile DNA detection scheme based on the quenching of fluorescent silver nanoclusters by MoS <sub>2</sub> nanosheets: Application to aptamer-based determination of hepatitis B virus and of dopamine. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 4417-4424	5.8	30
143	A nucleic acid logic gate system that distinguishes different sets of inputs from one miRNA collection with shared members. <i>RSC Advances</i> , <b>2017</b> , 7, 42345-42349	3.7	2
142	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
141	A new dual-emission fluorescence sensor based on carbon nanodots and gold nanoclusters for the detection of melamine. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 9438-9443	3.6	16
140	Recent advances and applications of polydopamine-derived adsorbents for sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2017</b> , 97, 1-14	14.6	48
139	Colorimetric detection of heparin with high sensitivity based on the aggregation of gold nanoparticles induced by polymer nanoparticles. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 10592-10597	3.6	20
138	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15277-15282	3.6	14
137	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
136	Preparation of carbon nanodots capped by polyethylene glycol as a multifunctional sensor for temperature and paracetamol. <i>Analytical Methods</i> , <b>2017</b> , 9, 4533-4538	3.2	3



135	One-pot synthesis of magnetic iron oxide nanoparticle-multiwalled carbon nanotube composites for enhanced removal of Cr(VI) from aqueous solution. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 505, 1134-1146	9.3	128
134	High selectivity of colorimetric detection of p-nitrophenol based on Ag nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 171, 449-453	4.4	24
133	Ultra-low loading of Ag <sub>3</sub> PO <sub>4</sub> on hierarchical In <sub>2</sub> S <sub>3</sub> microspheres to improve the photocatalytic performance: The cocatalytic effect of Ag and Ag <sub>3</sub> PO <sub>4</sub> . <i>Applied Catalysis B: Environmental</i> , <b>2017</b> , 202, 84-94	21.8	146
132	Rapid and sensitive determination of phytosterols in functional foods and medicinal herbs by using UHPLC-MS/MS with microwave-assisted derivatization combined with dual ultrasound-assisted dispersive liquid-liquid microextraction. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 725-732	3.4	21
131	Amino Acid-Assisted Hydrothermal Synthesis of BiVO <sub>4</sub> with Highly Exposed (040) Facets and Enhanced Visible-Light-Driven Photocatalytic Properties. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 5391-5399	1.3	8
130	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
129	A tunable pH-sensing system based on Ag nanoclusters capped by hyperbranched polyethyleneimine with different molecular weights. <i>Talanta</i> , <b>2016</b> , 146, 549-55	6.2	13
128	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> , 192, 98-106	8.5	51
127	Rapid analysis of biogenic amines from rice wine with isotope-coded derivatization followed by high performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2016</b> , 192, 388-94	8.5	24
126	EDTA- and amine-functionalized graphene oxide as sorbents for Ni(II) removal. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 8942-8951		20
125	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
124	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
123	Sensitive determination of cholesterol and its metabolic steroid hormones by UHPLC-MS/MS via derivatization coupled with dual ultrasonic-assisted dispersive liquid-liquid microextraction. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30 Suppl 1, 147-54	2.2	15
122	Direct and indirect fluorescent detection of tetracyclines using dually emitting carbon dots. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 2547-2553	5.8	58
121	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
120	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, 9452-9458	5.7	34
119	Gas Purge Microextraction Coupled with Stable Isotope Labeling-Liquid Chromatography/Mass Spectrometry for the Analysis of Bromophenols in Aquatic Products. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 9452-9458	5.7	10
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117	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
116	One-pot preparation of graphene-Ag nano composite for selective and environmentally-friendly recognition of trace mercury(II). <i>RSC Advances</i> , <b>2016</b> , 6, 109857-109861	3.7	29
115	Sensing materials developed and applied for bio-active Fe <sup>3+</sup> recognition in water environment. <i>Analytical Methods</i> , <b>2016</b> , 8, 5738-5754	3.2	59
114	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
113	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, 9125-9138	4.8	30
112	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
111	A novel, sensitive and convenient method for determination of sialic acids in human serum utilizing ultrasonic-assisted closed in-syringe hydrolysis and derivatization prior to high performance liquid chromatography. <i>Analytical Methods</i> , <b>2016</b> , 8, 554-563	3.2	8
110	Zirconium (IV)-based metal organic framework (UIO-67) as efficient sorbent in dispersive solid phase extraction of plant growth regulator from fruits coupled with HPLC fluorescence detection. <i>Talanta</i> , <b>2016</b> , 154, 23-30	6.2	51
109	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
108	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
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104	Hydrothermal synthesis of bismuth ferrite Fenton-like catalysts and their properties. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	12
103	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
102	Determination of Triterpene Acids from 37 Different Varieties of Raspberry using Pre-column Derivatization and HPLC Fluorescence Detection. <i>Chromatographia</i> , <b>2016</b> , 79, 1515-1525	2.1	3
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99	Determination of thiophenols with a novel fluorescence labelling reagent: analysis of industrial wastewater samples with SPE extraction coupled with HPLC. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 3527-36	4.4	19
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95	Rapid determination of vitamin B12 (cobalamin) based on silver nanoclusters capped by polyethyleneimine with different molecular weights and terminal groups. <i>Analytical Methods</i> , <b>2016</b> , 8, 4324-4327	3.2	8
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92	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
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89	Synergistic degradation of rhodamine B on BiOCl <sub>x</sub> Br <sub>1-x</sub> sheets by combined photosensitization and photocatalysis under visible light irradiation. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 3129-3136	3.6	36
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82	Hollow PDA-Au nanoparticles-enabled signal amplification for sensitive nonenzymatic colorimetric immunodetection of carbohydrate antigen 125. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 71, 200-206	11.8	74

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78	Recognition and determination of multi-metal ions based on silver nanoclusters capped by polyethyleneimine with different molecular weights. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 9293-9298	3.6	13
77	Differentiation of multi-metal ions based on fluorescent dual-emission carbon nanodots. <i>RSC Advances</i> , <b>2015</b> , 5, 82570-82575	3.7	20
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75	Rapid, Selective, and Sensitive Analysis of Triterpenic Acids in Hippophae rhamnoides L. Using HPLC with Pre-Column Fluorescent Derivatization and Identification with Post-Column APCI-MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2015</b> , 38, 451-458	1.3	8
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66	Relationship between surface hydroxyl groups and liquid-phase photocatalytic activity of titanium dioxide. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 444, 42-8	9.3	39
65	Magnetically recoverable and reusable CuFe <sub>2</sub> O <sub>4</sub> nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. <i>RSC Advances</i> , <b>2014</b> , 4, 17832-17839	3.7	55
64	Chemodosimeter-based fluorescent detection of L-cysteine after extracted by molecularly imprinted polymers. <i>Talanta</i> , <b>2014</b> , 120, 297-303	6.2	23

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29	HPLC-FLUORIMETRIC METHOD FOR ANALYSIS OF FREE FATTY ACIDS IN <i>STELLERA CHAMAEJASMA</i> L. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2010</b> , 33, 859-874	1.3	4
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22	Extraction of pollen lipids by SFE-CO <sub>2</sub> and determination of free fatty acids by HPLC. <i>European Journal of Lipid Science and Technology</i> , <b>2009</b> , 111, 155-163	3	8
21	Application of 10-ethyl-acridine-3-sulfonyl chloride for HPLC determination of aliphatic amines in environmental water using fluorescence and APCI-MS. <i>Journal of Separation Science</i> , <b>2009</b> , 32, 1351-62	3.4	20
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19	10-Ethyl-acridine-2-sulfonyl Chloride: A New Derivatization Agent for Enhancement of Atmospheric Pressure Chemical Ionization of Estrogens in Urine. <i>Chromatographia</i> , <b>2009</b> , 70, 45-55	2.1	20
18	Determination and Identification of Primary Aliphatic Amines Using 4-(1H-Phenanthro[9,10-d]Imidazol-2-yl)Benzoic Acid as Novel Pre-Column Labeling Reagent by LC with Fluorescence Detection and Atmospheric Pressure Chemical Ionization Mass Spectroscopy. <i>Chromatographia</i> , <b>2009</b> , 70, 1055-1063	2.1	3
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14	CE Determination of 2-(9-Carbazole)ethyl Chloroformate-Labeled Oligopeptides. <i>Chromatographia</i> , <b>2008</b> , 67, 245-251	2.1	2
13	LC-DAD-ESI-MS Characterization of Carbohydrates Using a New Labeling Reagent. <i>Chromatographia</i> , <b>2008</b> , 68, 893-902	2.1	8
12	Determination of Aliphatic Amines from Soil and Wastewater of a Paper Mill by Pre-Column Derivatization using HPLC and Tandem Mass Spectrometry (HPLC-MS/MS). <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2007</b> , 30, 1963-1979	1.3	6
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10	Analysis of saturated free fatty acids from pollen by HPLC with fluorescence detection. <i>European Journal of Lipid Science and Technology</i> , <b>2007</b> , 109, 225-236	3	14

9	Determination of long-chain fatty acids in bryophyte plants extracts by HPLC with fluorescence detection and identification with MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 848, 283-91	3.2	28
8	Mass Spectrometric Identification of Multihydroxy Phenolic Compounds in Tibetan Herbal Medicines. <i>Chromatographia</i> , <b>2007</b> , 65, 545-553	2.1	4
7	Determination of Free Fatty Acids in Bryophyte Plants and Soil by HPLC with Fluorescence Detection and Identification by Online MS. <i>Chromatographia</i> , <b>2007</b> , 66, 197-206	2.1	8
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