

Jinmao You

List of Publications by Year in descending order

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262
papers

7,074
citations

66343

42
h-index

106344

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262
all docs

262
docs citations

262
times ranked

8077
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#	ARTICLE	IF	CITATIONS
1	Facile and Sensitive Fluorescence Sensing of Alkaline Phosphatase Activity with Photoluminescent Carbon Dots Based on Inner Filter Effect. <i>Analytical Chemistry</i> , 2016, 88, 2720-2726.	6.5	329
2	Ultra-low loading of Ag ₃ PO ₄ on hierarchical In ₂ S ₃ microspheres to improve the photocatalytic performance: The cocatalytic effect of Ag and Ag ₃ PO ₄ . <i>Applied Catalysis B: Environmental</i> , 2017, 202, 84-94.	20.2	196
3	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> , 2017, 505, 1134-1146.	9.4	165
4	Catalyst-free direct arylsulfonylation of N-arylacrylamides with sulfinic acids: a convenient and efficient route to sulfonated oxindoles. <i>Green Chemistry</i> , 2014, 16, 2988-2991.	9.0	153
5	A novel dual-ratiometric-response fluorescent probe for SO ₂ /ClO ⁻ detection in cells and in vivo and its application in exploring the dichotomous role of SO ₂ under the ClO ⁻ induced oxidative stress. <i>Biomaterials</i> , 2017, 133, 82-93.	11.4	136
6	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 β -glucosidase inhibitor screening. <i>Biosensors and Bioelectronics</i> , 2016, 79, 728-735.	10.1	111
7	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> , 2015, 1409, 46-52.	3.7	108
8	Facile and ultrasensitive fluorescence sensor platform for tumor invasive biomarker β -glucuronidase detection and inhibitor evaluation with carbon quantum dots based on inner-filter effect. <i>Biosensors and Bioelectronics</i> , 2016, 85, 358-362.	10.1	100
9	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> , 2017, 1500, 24-31.	3.7	92
10	Metal-Free Direct Construction of Sulfonamides via Iodine-Mediated Coupling Reaction of Sodium Sulfinates and Amines at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 987-992.	4.3	85
11	Hollow PDA-Au nanoparticles-enabled signal amplification for sensitive nonenzymatic colorimetric immunodetection of carbohydrate antigen 125. <i>Biosensors and Bioelectronics</i> , 2015, 71, 200-206.	10.1	84
12	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> , 2017, 8, 7851-7861.	7.4	84
13	Electrochemical behavior and voltammetric determination of L-tryptophan and L-tyrosine using a glassy carbon electrode modified with single-walled carbon nanohorns. <i>Mikrochimica Acta</i> , 2014, 181, 445-451.	5.0	82
14	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)- β -iodovinyl sulfones. <i>RSC Advances</i> , 2015, 5, 4416-4419.	3.6	82
15	Direct and indirect fluorescent detection of tetracyclines using dually emitting carbon dots. <i>Mikrochimica Acta</i> , 2016, 183, 2547-2553.	5.0	74
16	Detection of Selenocysteine with a Ratiometric near-Infrared Fluorescent Probe in Cells and in Mice Thyroid Diseases Model. <i>Analytical Chemistry</i> , 2020, 92, 1589-1597.	6.5	70
17	A facile carbon dots based fluorescent probe for ultrasensitive detection of ascorbic acid in biological fluids via non-oxidation reduction strategy. <i>Talanta</i> , 2017, 165, 677-684.	5.5	69
18	Magnetically recoverable and reusable CuFe ₂ O ₄ nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. <i>RSC Advances</i> , 2014, 4, 17832-17839.	3.6	68

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19	Sensing materials developed and applied for bio-active Fe ³⁺ recognition in water environment. <i>Analytical Methods</i> , 2016, 8, 5738-5754.	2.7	68
20	Carbon dots for fluorescent detection of α -glucosidase activity using enzyme activated inner filter effect and its application to anti-diabetic drug discovery. <i>Analytica Chimica Acta</i> , 2017, 973, 91-99.	5.4	66
21	Recent advances and applications of polydopamine-derived adsorbents for sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 1-14.	11.4	66
22	Fabrication of robust M/Ag ₃ PO ₄ (M = Pt, Pd, Au) Schottky-type heterostructures for improved visible-light photocatalysis. <i>RSC Advances</i> , 2014, 4, 37220.	3.6	64
23	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> , 2016, 154, 23-30.	5.5	63
24	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> , 2018, 90, 4054-4061.	6.5	63
25	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> , 2016, 192, 98-106.	8.2	61
26	Multifunctional fluorescent PEGylated fluorinated graphene for targeted drug delivery: An experiment and DFT study. <i>Dyes and Pigments</i> , 2019, 162, 573-582.	3.7	60
27	Nanopore-Based Selective Discrimination of MicroRNAs with Single-Nucleotide Difference Using Locked Nucleic Acid-Modified Probes. <i>Analytical Chemistry</i> , 2016, 88, 10540-10546.	6.5	59
28	External Reductant-Free Palladium-Catalyzed Reductive Insertion of Isocyanide: Synthesis of Polysubstituted Pyrroles and Its Applications as a Cysteine Probe. <i>Organic Letters</i> , 2019, 21, 4044-4048.	4.6	56
29	Compositional and Antioxidant Activity Analysis of <i>Zanthoxylum bungeanum</i> Seed Oil Obtained by Supercritical CO ₂ Fluid Extraction. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2011, 88, 23-32.	1.9	55
30	Fluorescent COFs with a highly conjugated structure for visual drug loading and responsive release. <i>Chemical Communications</i> , 2020, 56, 519-522.	4.1	55
31	Aggregation-induced emission enhancement of gold nanoclusters triggered by silicon nanoparticles for ratiometric detection of protamine and trypsin. <i>Analytica Chimica Acta</i> , 2019, 1046, 170-178.	5.4	54
32	How to make an efficient gas-phase heterogeneous CO ₂ hydrogenation photocatalyst. <i>Energy and Environmental Science</i> , 2020, 13, 3054-3063.	30.8	52
33	Relationship between surface hydroxyl groups and liquid-phase photocatalytic activity of titanium dioxide. <i>Journal of Colloid and Interface Science</i> , 2015, 444, 42-48.	9.4	51
34	Wide-Acidity-Range pH Fluorescence Probes for Evaluation of Acidification in Mitochondria and Digestive Tract Mucosa. <i>Analytical Chemistry</i> , 2017, 89, 8509-8516.	6.5	51
35	Carbon dots-based ratiometric nanosensor for highly sensitive and selective detection of mercury(II) ions and glutathione. <i>RSC Advances</i> , 2016, 6, 103169-103177.	3.6	49
36	Polystyrene Encapsulated SERS Tags as Promising Standard Tools: Simple and Universal in Synthesis; Highly Sensitive and Ultrastable for Bioimaging. <i>Analytical Chemistry</i> , 2019, 91, 5270-5277.	6.5	49

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37	A simple and sensitive HPLC method based on pre-column fluorescence labelling for multiple classes of plant growth regulator determination in food samples. Food Chemistry, 2015, 170, 123-130.	8.2	48
38	Facile and sensitive determination of N-nitrosamines in food samples by high-performance liquid chromatography via combining fluorescent labeling with dispersive liquid-liquid microextraction. Food Chemistry, 2017, 234, 408-415.	8.2	48
39	Hierarchical NiSe ₂ spheres composed of tiny nanoparticles for high performance asymmetric supercapacitors. CrystEngComm, 2019, 21, 994-1000.	2.6	48
40	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. Analytica Chimica Acta, 2019, 1051, 73-81.	5.4	48
41	Generalized One-Pot Strategy Enabling Different Surface Functionalizations of Carbon Nanodots to Produce Dual Emissions in Alcohol-Water Binary Systems. Journal of Physical Chemistry C, 2015, 119, 17979-17987.	3.1	45
42	Dual lanthanide-probe based on coordination polymer networks for ratiometric detection of glyphosate in food samples. Food Chemistry, 2020, 323, 126815.	8.2	45
43	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. Talanta, 2016, 161, 253-264.	5.5	43
44	Detection of carbohydrates using new labeling reagent 1-(2-naphthyl)-3-methyl-5-pyrazolone by capillary zone electrophoresis with absorbance (UV). Analytica Chimica Acta, 2008, 609, 66-75.	5.4	42
45	Fluorescence turn-off magnetic COF composite as a novel nanocarrier for drug loading and targeted delivery. Microporous and Mesoporous Materials, 2021, 311, 110713.	4.4	42
46	A versatile ratiometric nanosensing approach for sensitive and accurate detection of Hg ²⁺ and biological thiols based on new fluorescent carbon quantum dots. Analytical and Bioanalytical Chemistry, 2017, 409, 2373-2382.	3.7	41
47	Mesoporous Poly(melamine-formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxide as Oxidant. ChemCatChem, 2014, 6, 3434-3439.	3.7	40
48	Simultaneous Determination of Seven Biogenic Amines in Foodstuff Samples Using One-Step Fluorescence Labeling and Dispersive Liquid-Liquid Microextraction Followed by HPLC-FLD and Method Optimization Using Response Surface Methodology. Food Analytical Methods, 2015, 8, 685-695.	2.6	40
49	In situ derivatization-ultrasound-assisted dispersive liquid-liquid microextraction for the determination of neurotransmitters in Parkinson's rat brain microdialysates by ultra high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2016, 1458, 70-81.	3.7	40
50	Synergistic degradation of rhodamine B on BiOCl _x Br _{1-x} sheets by combined photosensitization and photocatalysis under visible light irradiation. New Journal of Chemistry, 2015, 39, 3129-3136.	2.8	39
51	Simultaneous determination of amino acid and monoamine neurotransmitters in PC12 cells and rats models of Parkinson's disease using a sensitizing derivatization reagent by UHPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 995-996, 15-23.	2.3	39
52	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. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 98-107.	2.8	37
53	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. Journal of Chromatography A, 2016, 1437, 49-57.	3.7	37
54	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. Journal of Pharmaceutical and Biomedical Analysis, 2017, 135, 186-198.	2.8	37

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55	A terbium-based metal-organic framework@gold nanoparticle system as a fluorometric probe for aptamer based determination of adenosine triphosphate. <i>Mikrochimica Acta</i> , 2018, 185, 359.	5.0	37
56	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> , 2019, 191, 313-323.	5.5	37
57	A smart bioresponsive nanosystem with dual-modal imaging for drug visual loading and targeted delivery. <i>Chemical Engineering Journal</i> , 2020, 391, 123619.	12.7	37
58	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> , 2007, 848, 283-291.	2.3	36
59	Copper-catalyzed cyanoalkylation of activated alkenes with AIBN: a convenient and efficient approach to cyano-containing oxindoles. <i>RSC Advances</i> , 2014, 4, 48535-48538.	3.6	36
60	A versatile DNA detection scheme based on the quenching of fluorescent silver nanoclusters by MoS ₂ nanosheets: Application to aptamer-based determination of hepatitis B virus and of dopamine. <i>Mikrochimica Acta</i> , 2017, 184, 4417-4424.	5.0	36
61	Metal-free n-Et ₄ NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. <i>RSC Advances</i> , 2014, 4, 48547-48553.	3.6	35
62	Simultaneous Determination of Food-Related Biogenic Amines and Precursor Amino Acids Using in Situ Derivatization Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction by Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8225-8234.	5.2	35
63	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> , 2017, 41, 2241-2248.	2.8	35
64	A fluorescent sensor for detecting dopamine and tyrosinase activity by dual-emission carbon dots and gold nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 212-219.	5.0	35
65	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> , 2021, 221, 121477.	5.5	35
66	A sensitive fluorescence reagent for the determination of aldehydes from alcoholic beverage using high-performance liquid chromatography with fluorescence detection and mass spectrometric identification. <i>Analytica Chimica Acta</i> , 2009, 636, 95-104.	5.4	34
67	Gold-Catalyzed Reaction of <i>ortho</i> -Alkynylaldehydes with Conjugated Dienes: An Efficient Access to Highly Strained Tetracyclic Bridgehead Olefins. <i>Chemistry - A European Journal</i> , 2016, 22, 9125-9129.	3.3	34
68	A novel polydentate ligand chromophore for simultaneously colorimetric detection of trace Ag ⁺ and Fe ³⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 186, 17-22.	3.9	34
69	High selectivity of colorimetric detection of p-nitrophenol based on Ag nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 449-453.	3.9	34
70	Reductive CO ₂ Fixation via the Selective Formation of C-C Bonds: Bridging Enaminones and Synthesis of 1,4-Dihydropyridines. <i>Organic Letters</i> , 2020, 22, 8326-8331.	4.6	34
71	Study of a new derivatizing reagent that improves the analysis of amino acids by HPLC with fluorescence detection: application to hydrolyzed rape bee pollen. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2705-2718.	3.7	33
72	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> , 2016, 192, 388-394.	8.2	33

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73	Aggregation-induced emission of copper nanoclusters triggered by synergistic effect of dual metal ions and the application in the detection of H ₂ O ₂ and related biomolecules. <i>Talanta</i> , 2020, 207, 120289.	5.5	33
74	One-pot preparation of graphene@Ag nano composite for selective and environmentally-friendly recognition of trace mercury(II). <i>RSC Advances</i> , 2016, 6, 109857-109861.	3.6	32
75	Integration of stable isotope labeling derivatization and magnetic dispersive solid phase extraction for measurement of neurosteroids by in vivo microdialysis and UHPLC-MS/MS. <i>Talanta</i> , 2019, 199, 97-106.	5.5	32
76	Bi nanoparticles/carbon nanosheet composite: A high-efficiency electrocatalyst for NO reduction to NH ₃ . <i>Nano Research</i> , 2022, 15, 5032-5037.	10.4	32
77	Emissions of terbium metal-organic frameworks modulated by dispersive/agglomerated gold nanoparticles for the construction of prostate-specific antigen biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3979-3988.	3.7	31
78	Magnetic Copper Ferrite Nanoparticles: An Inexpensive, Efficient, Recyclable Catalyst for the Synthesis of Substituted Benzoxazoles via Ullmann-Type Coupling under Ligand-Free Conditions. <i>Synlett</i> , 2014, 25, 729-735.	1.8	29
79	Ag ₃ PO ₄ photocatalysts loaded on uniform SiO ₂ supports for efficient degradation of methyl orange under visible light irradiation. <i>RSC Advances</i> , 2014, 4, 37095.	3.6	29
80	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> , 2016, 161, 228-237.	5.5	29
81	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> , 2017, 167, 242-252.	5.5	29
82	Fluorometric determination and imaging of glutathione based on a thiol-triggered inner filter effect on the fluorescence of carbon dots. <i>Mikrochimica Acta</i> , 2017, 184, 1923-1931.	5.0	29
83	A rapid response near-infrared ratiometric fluorescent probe for the real-time tracking of peroxynitrite for pathological diagnosis and therapeutic assessment in a rheumatoid arthritis model. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9343-9350.	5.8	29
84	EDTA- and amine-functionalized graphene oxide as sorbents for Ni(II) removal. <i>Desalination and Water Treatment</i> , 2016, 57, 8942-8951.	1.0	28
85	Sensitive and accurate determination of sialic acids in serum with the aid of dispersive solid-phase extraction using the zirconium-based MOF of UiO-66-NH ₂ as sorbent. <i>RSC Advances</i> , 2016, 6, 64895-64901.	3.6	27
86	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> , 2016, 81, 12401-12407.	3.2	27
87	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> , 2016, 22, 16979-16985.	3.3	27
88	Turn-on fluorescent detection of melamine based on Ag nanoclusters@Hg ²⁺ system. <i>New Journal of Chemistry</i> , 2016, 40, 8459-8464.	2.8	27
89	Synergistic electrocatalytic N ₂ reduction using a PTCA nanorod@rGO hybrid. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12446-12450.	10.3	27
90	Smart on-off-on fluorescent switches for drug visual loading and responsive delivery. <i>Dyes and Pigments</i> , 2020, 173, 107893.	3.7	27

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91	One-Pot Methylenation–Cyclization Employing Two Molecules of CO ₂ with Arylamines and Enaminones. <i>Journal of Organic Chemistry</i> , 2020, 85, 912-923.	3.2	27
92	Nonoxidative Strategy for Monitoring Peroxynitrite Fluctuations in Immune Responses of Tumorigenesis. <i>Analytical Chemistry</i> , 2021, 93, 3426-3435.	6.5	27
93	Chemodosimeter-based fluorescent detection of L-cysteine after extracted by molecularly imprinted polymers. <i>Talanta</i> , 2014, 120, 297-303.	5.5	26
94	Sensitive and accurate determination of neurotransmitters from in vivo rat brain microdialysate of Parkinson's disease using in situ ultrasound-assisted derivatization dispersive liquid–liquid microextraction by UHPLC-MS/MS. <i>RSC Advances</i> , 2016, 6, 108635-108644.	3.6	26
95	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> , 2017, 31, 937-950.	1.5	26
96	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> , 2017, 40, 725-732.	2.5	26
97	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> , 2020, 1619, 460949.	3.7	26
98	Development of a pair of differential H/D isotope-coded derivatization reagents d ₀ /d ₃ -4-(1-methyl-1H-phenanthro[9,10-d]imidazol-2-yl)phenylamine and its application for determination of aldehydes in selected aquatic products by liquid chromatography–tandem mass spectrometry. <i>Talanta</i> , 2014, 120, 84-93.	5.5	25
99	A Rapid and Sensitive Method for Semicarbazide Screening in Foodstuffs by HPLC with Fluorescence Detection. <i>Food Analytical Methods</i> , 2015, 8, 1804-1811.	2.6	25
100	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> , 2018, 41, 4331-4339.	2.5	25
101	Fluorescent iridium(III) coumarin-salicylaldehyde Schiff base compounds as lysosome-targeted antitumor agents. <i>Dalton Transactions</i> , 2020, 49, 5988-5998.	3.3	25
102	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> , 2016, 408, 3527-3536.	3.7	24
103	A novel polydentate Schiff-base derivative developed for multi-wavelength colorimetric differentiation of trace Fe ²⁺ from Fe ³⁺ . <i>Analytical Methods</i> , 2017, 9, 6240-6245.	2.7	24
104	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> , 2018, 1532, 30-39.	3.7	24
105	A novel biomass-based reusable AIE material: AIE properties and potential applications in amine/ammonia vapor sensing and information storage. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8404-8411.	5.5	24
106	Differentiation of multi-metal ions based on fluorescent dual-emission carbon nanodots. <i>RSC Advances</i> , 2015, 5, 82570-82575.	3.6	23
107	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> , 2018, 1557, 1-8.	3.7	23
108	TBAF-Catalyzed O-Nucleophilic Cyclization of Enaminones: A Process for the Synthesis of Dihydroisobenzofuran Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 1379-1386.	3.2	23

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109	A FRET-based ratiometric fluorescent probe for sulfide detection in actual samples and imaging in <i>Daphnia magna</i> . <i>Talanta</i> , 2020, 209, 120517.	5.5	23
110	Application of 10-ethyl-acridine-2-sulfonyl chloride for HPLC determination of aliphatic amines in environmental water using fluorescence and APCI-MS. <i>Journal of Separation Science</i> , 2009, 32, 1351-1362.	2.5	22
111	Development of an Efficient HPLC Fluorescence Detection Method for Brassinolide by Ultrasonic-Assisted Dispersive Liquid-Liquid Microextraction Coupled with Derivatization. <i>Chromatographia</i> , 2014, 77, 1653-1660.	1.3	22
112	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> , 2017, 1054, 64-72.	2.3	22
113	A universal colorimetry for nucleic acids and aptamer-specific ligands detection based on DNA hybridization amplification. <i>Analytical Biochemistry</i> , 2017, 528, 47-52.	2.4	22
114	A novel NBD-based fluorescent turn-on probe for detection of phosgene in solution and the gas phase. <i>Analytical Methods</i> , 2019, 11, 4600-4608.	2.7	22
115	A novel multi-purpose Zn-MOF fluorescent sensor for 2,4-dinitrophenylhydrazine, picric acid, La ³⁺ and Ca ²⁺ : Synthesis, structure, selectivity, sensitivity and recyclability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117207.	3.9	22
116	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 A</i> , 2019, 1594, 23-33.	3.7	22
117	Determination of adenosine triphosphate based on the use of fluorescent terbium(III) organic frameworks and aptamer modified gold nanoparticles. <i>Mikrochimica Acta</i> , 2020, 187, 34.	5.0	22
118	Determination of amines using 2-(11H-benzo[a]carbazol-11-yl) ethyl chloroformate (BCEC-Cl) as labeling reagent by HPLC with fluorescence detection and identification with APCI/MS. <i>Talanta</i> , 2007, 72, 914-925.	5.5	21
119	10-Ethyl-acridine-2-sulfonyl Chloride: A New Derivatization Agent for Enhancement of Atmospheric Pressure Chemical Ionization of Estrogens in Urine. <i>Chromatographia</i> , 2009, 70, 45-55.	1.3	21
120	Magnetic copper ferrite nanoparticles/TEMPO catalyzed selective oxidation of activated alcohols to aldehydes under ligand- and base-free conditions in water. <i>RSC Advances</i> , 2014, 4, 64930-64935.	3.6	21
121	Colorimetric detection of heparin with high sensitivity based on the aggregation of gold nanoparticles induced by polymer nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 10592-10597.	2.8	21
122	Novel fluorescence labeling reagent 4-(carbazole-9-yl)-benzyl chloroformate and its application in the determination of nitrofurantol metabolites compounds in foodstuffs by high performance liquid chromatography with fluorescence detection. <i>Microchemical Journal</i> , 2019, 145, 9-17.	4.5	21
123	Gold-catalyzed tandem cycloisomerization/Petasis-Ferrier rearrangement: a direct route to 3-alkoxyindanones from enynals and alcohols. <i>RSC Advances</i> , 2015, 5, 103155-103158.	3.6	20
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