

# Jinmao You

## List of Publications by Year in descending order

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262  
papers

7,074  
citations

66315

42  
h-index

106281

65  
g-index

262  
all docs

262  
docs citations

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times ranked

8077  
citing authors

#	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.	3.2	329
2	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> , 2017, 202, 84-94.	10.8	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.	5.0	165
4	Catalyst-free direct arylsulfonation of N-arylacrylamides with sulfinic acids: a convenient and efficient route to sulfonated oxindoles. <i>Green Chemistry</i> , 2014, 16, 2988-2991.	4.6	153
5	A novel dual-ratiometric-response fluorescent probe for SO <sub>2</sub> /ClO <sup>-</sup> detection in cells and in vivo and its application in exploring the dichotomous role of SO <sub>2</sub> under the ClO <sup>-</sup> induced oxidative stress. <i>Biomaterials</i> , 2017, 133, 82-93.	5.7	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 $\beta$ -glucosidase inhibitor screening. <i>Biosensors and Bioelectronics</i> , 2016, 79, 728-735.	5.3	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.	1.8	108
8	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> , 2016, 85, 358-362.	5.3	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.	1.8	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.	2.1	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.	5.3	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.	3.7	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.	2.5	82
14	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)- $\beta$ -iodovinyl sulfones. <i>RSC Advances</i> , 2015, 5, 4416-4419.	1.7	82
15	Direct and indirect fluorescent detection of tetracyclines using dually emitting carbon dots. <i>Mikrochimica Acta</i> , 2016, 183, 2547-2553.	2.5	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.	3.2	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.	2.9	69
18	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> , 2014, 4, 17832-17839.	1.7	68

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19	Sensing materials developed and applied for bio-active Fe <sup>3+</sup> recognition in water environment. <i>Analytical Methods</i> , 2016, 8, 5738-5754.	1.3	68
20	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> , 2017, 973, 91-99.	2.6	66
21	Recent advances and applications of polydopamine-derived adsorbents for sample pretreatment. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 1-14.	5.8	66
22	Fabrication of robust M/Ag <sub>3</sub> PO <sub>4</sub> (M = Pt, Pd, Au) Schottky-type heterostructures for improved visible-light photocatalysis. <i>RSC Advances</i> , 2014, 4, 37220.	1.7	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.	2.9	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.	3.2	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.	4.2	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.	2.0	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.	3.2	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.	2.4	56
29	Compositional and Antioxidant Activity Analysis of <i>Zanthoxylum bungeanum</i> Seed Oil Obtained by Supercritical CO <sub>2</sub> Fluid Extraction. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2011, 88, 23-32.	0.8	55
30	Fluorescent COFs with a highly conjugated structure for visual drug loading and responsive release. <i>Chemical Communications</i> , 2020, 56, 519-522.	2.2	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.	2.6	54
32	How to make an efficient gas-phase heterogeneous CO <sub>2</sub> hydrogenation photocatalyst. <i>Energy and Environmental Science</i> , 2020, 13, 3054-3063.	15.6	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.	5.0	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.	3.2	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.	1.7	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.	3.2	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. <i>Food Chemistry</i> , 2015, 170, 123-130.	4.2	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. <i>Food Chemistry</i> , 2017, 234, 408-415.	4.2	48
39	Hierarchical NiSe <sub>2</sub> spheres composed of tiny nanoparticles for high performance asymmetric supercapacitors. <i>CrystEngComm</i> , 2019, 21, 994-1000.	1.3	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. <i>Analytica Chimica Acta</i> , 2019, 1051, 73-81.	2.6	48
41	Generalized One-Pot Strategy Enabling Different Surface Functionalizations of Carbon Nanodots to Produce Dual Emissions in Alcohol-Water Binary Systems. <i>Journal of Physical Chemistry C</i> , 2015, 119, 17979-17987.	1.5	45
42	Dual lanthanide-probe based on coordination polymer networks for ratiometric detection of glyphosate in food samples. <i>Food Chemistry</i> , 2020, 323, 126815.	4.2	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. <i>Talanta</i> , 2016, 161, 253-264.	2.9	43
44	Detection of carbohydrates using new labeling reagent 1-(2-naphthyl)-3-methyl-5-pyrazolone by capillary zone electrophoresis with absorbance (UV). <i>Analytica Chimica Acta</i> , 2008, 609, 66-75.	2.6	42
45	Fluorescence turn-off magnetic COF composite as a novel nanocarrier for drug loading and targeted delivery. <i>Microporous and Mesoporous Materials</i> , 2021, 311, 110713.	2.2	42
46	A versatile ratiometric nanosensing approach for sensitive and accurate detection of Hg <sup>2+</sup> and biological thiols based on new fluorescent carbon quantum dots. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2373-2382.	1.9	41
47	Mesoporous Poly(melamine-formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxxygen as Oxidant. <i>ChemCatChem</i> , 2014, 6, 3434-3439.	1.8	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. <i>Food Analytical Methods</i> , 2015, 8, 685-695.	1.3	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. <i>Journal of Chromatography A</i> , 2016, 1458, 70-81.	1.8	40
50	Synergistic degradation of rhodamine B on BiOCl <sub>3</sub> sheets by combined photosensitization and photocatalysis under visible light irradiation. <i>New Journal of Chemistry</i> , 2015, 39, 3129-3136.	1.4	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 995-996, 15-23.	1.2	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 98-107.	1.4	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. <i>Journal of Chromatography A</i> , 2016, 1437, 49-57.	1.8	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 135, 186-198.	1.4	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.	2.5	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.	2.9	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.	6.6	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.	1.2	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.	1.7	36
60	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> , 2017, 184, 4417-4424.	2.5	36
61	Metal-free n-Et <sub>4</sub> NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. <i>RSC Advances</i> , 2014, 4, 48547-48553.	1.7	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.	2.4	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.	1.4	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.	2.5	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.	2.9	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.	2.6	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.	1.7	34
68	A novel polydentate ligand chromophore for simultaneously colorimetric detection of trace Ag <sup>+</sup> and Fe <sup>3+</sup> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 186, 17-22.	2.0	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.	2.0	34
70	Reductive CO <sub>2</sub> 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.	2.4	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.	1.9	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.	4.2	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 <sub>2</sub> O <sub>2</sub> and related biomolecules. <i>Talanta</i> , 2020, 207, 120289.	2.9	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.	1.7	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.	2.9	32
76	Bi nanoparticles/carbon nanosheet composite: A high-efficiency electrocatalyst for NO reduction to NH <sub>3</sub> . <i>Nano Research</i> , 2022, 15, 5032-5037.	5.8	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.	1.9	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.	1.0	29
79	Ag <sub>3</sub> PO <sub>4</sub> photocatalysts loaded on uniform SiO <sub>2</sub> supports for efficient degradation of methyl orange under visible light irradiation. <i>RSC Advances</i> , 2014, 4, 37095.	1.7	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.	2.9	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.	2.9	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.	2.5	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.	2.9	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 <sub>2</sub> as sorbent. <i>RSC Advances</i> , 2016, 6, 64895-64901.	1.7	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.	1.7	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.	1.7	27
88	Turn-on fluorescent detection of melamine based on Ag nanoclusters@Hg <sup>2+</sup> system. <i>New Journal of Chemistry</i> , 2016, 40, 8459-8464.	1.4	27
89	Synergistic electrocatalytic N <sub>2</sub> reduction using a PTCA nanorod@rGO hybrid. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12446-12450.	5.2	27
90	Smart on-off-on fluorescent switches for drug visual loading and responsive delivery. <i>Dyes and Pigments</i> , 2020, 173, 107893.	2.0	27

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91	One-Pot Methylenation–Cyclization Employing Two Molecules of CO <sub>2</sub> with Arylamines and Enaminones. <i>Journal of Organic Chemistry</i> , 2020, 85, 912-923.	1.7	27
92	Nonoxidative Strategy for Monitoring Peroxynitrite Fluctuations in Immune Responses of Tumorigenesis. <i>Analytical Chemistry</i> , 2021, 93, 3426-3435.	3.2	27
93	Chemodosimeter-based fluorescent detection of l-cysteine after extracted by molecularly imprinted polymers. <i>Talanta</i> , 2014, 120, 297-303.	2.9	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.	1.7	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.	0.7	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.	1.3	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.	1.8	26
98	Development of a pair of differential H/D isotope-coded derivatization reagents d <sub>0</sub> /d <sub>3</sub> -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.	2.9	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.	1.3	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.	1.3	25
101	Fluorescent iridium(III) coumarin-salicylaldehyde Schiff base compounds as lysosome-targeted antitumor agents. <i>Dalton Transactions</i> , 2020, 49, 5988-5998.	1.6	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.	1.9	24
103	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> , 2017, 9, 6240-6245.	1.3	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.	1.8	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.	2.7	24
106	Differentiation of multi-metal ions based on fluorescent dual-emission carbon nanodots. <i>RSC Advances</i> , 2015, 5, 82570-82575.	1.7	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.	1.8	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.	1.7	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.	2.9	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.	1.3	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.	0.7	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.	1.2	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.	1.1	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.	1.3	22
115	A novel multi-purpose Zn-MOF fluorescent sensor for 2,4-dinitrophenylhydrazine, picric acid, La <sup>3+</sup> and Ca <sup>2+</sup> : Synthesis, structure, selectivity, sensitivity and recyclability. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117207.	2.0	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.	1.8	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.	2.5	22
118	Determination of amines using 2-(1H-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.	2.9	21
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