Xiu-Ping Yan

List of Publications by Year
in descending order

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		4120	9073
298	25,503	87	144
papers	citations	h-index	g-index

308	308	308	19928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metalâ€“Organic Frameworks for Analytical Chemistry: From Sample Collection to Chromatographic Separation. Accounts of Chemical Research, 2012, 45, 734-745.	7.6	610
2	Doped quantum dots for chemo/biosensing and bioimaging. Chemical Society Reviews, 2013, 42, 5489.	18.7	590
3	Functional Near Infrared-Emitting Cr³⁺/Pr³⁺ Co-Doped Zinc Gallogermanate Persistent Luminescent Nanoparticles with Superlong Afterglow for in Vivo Targeted Bioimaging. Journal of the American Chemical Society, 2013, 135, 14125-14133.	6.6	578
4	Metalâ€“organic framework MIL-100(Fe) for the adsorption of malachite green from aqueous solution. Journal of Materials Chemistry, 2012, 22, 7449.	6.7	489
5	Fluorescent Metalâ€“Organic Framework MIL-53(Al) for Highly Selective and Sensitive Detection of Fe³⁺ in Aqueous Solution. Analytical Chemistry, 2013, 85, 7441-7446.	3.2	469
6	Metalâ€“Organic Framework MILâ€101 for Highâ€Resolution Gasâ€Chromatographic Separation of Xylene Isomers and Ethylbenzene. Angewandte Chemie - International Edition, 2010, 49, 1477-1480.	7.2	404
7	Surface Molecular Imprinting on Mn-Doped ZnS Quantum Dots for Room-Temperature Phosphorescence Optosensing of Pentachlorophenol in Water. Analytical Chemistry, 2009, 81, 1615-1621.	3.2	399
8	Facile magnetization of metalâ€“organic framework MIL-101 for magnetic solid-phase extraction of polycyclic aromatic hydrocarbons in environmental water samples. Analyst, The, 2012, 137, 3445.	1.7	390
9	Bottom-up synthesis of chiral covalent organic frameworks and their bound capillaries for chiral separation. Nature Communications, 2016, 7, 12104.	5.8	375
10	Zeolitic Imidazolate Framework-8 Nanocrystal Coated Capillary for Molecular Sieving of Branched Alkanes from Linear Alkanes along with High-Resolution Chromatographic Separation of Linear Alkanes. Journal of the American Chemical Society, 2010, 132, 13645-13647.	6.6	350
11	In Situ Hydrothermal Growth of Metalâ€Organic Framework 199 Films on Stainless Steel Fibers for Solid-Phase Microextraction of Gaseous Benzene Homologues. Analytical Chemistry, 2009, 81, 9771-9777.	3.2	347
12	Conjugation of Glucose Oxidase onto Mn-Doped ZnS Quantum Dots for Phosphorescent Sensing of Glucose in Biological Fluids. Analytical Chemistry, 2010, 82, 1427-1433.	3.2	330
13	An Ion-Imprinted Functionalized Silica Gel Sorbent Prepared by a Surface Imprinting Technique Combined with a Solâ€Gel Process for Selective Solid-Phase Extraction of Cadmium(II). Analytical Chemistry, 2005, 77, 1734-1739.	3.2	309
14	Metalâ€“Organic Framework MIL-101(Cr) for High-Performance Liquid Chromatographic Separation of Substituted Aromatics. Analytical Chemistry, 2011, 83, 7144-7150.	3.2	307
15	Controllable preparation of coreâ€“shell magnetic covalent-organic framework nanospheres for efficient adsorption and removal of bisphenols in aqueous solution. Chemical Communications, 2017, 53, 2511-2514.	2.2	287
16	Engineering Persistent Luminescence Nanoparticles for Biological Applications: From Biosensing/Bioimaging to Theranostics. Accounts of Chemical Research, 2018, 51, 1131-1143.	7.6	279
17	Multiwalled carbon nanotubes coated fibers for solid-phase microextraction of polybrominated diphenyl ethers in water and milk samples before gas chromatography with electron-capture detection. Journal of Chromatography A, 2006, 1137, 8-14.	1.8	276
18	Graphene Oxide Based Photoinduced Charge Transfer Label-Free Near-Infrared Fluorescent Biosensor for Dopamine. Analytical Chemistry, 2011, 83, 8787-8793.	3.2	275

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19	Metalâ€“Organic-Framework-Based Tandem Molecular Sieves as a Dual Platform for Selective Microextraction and High-Resolution Gas Chromatographic Separation of n-Alkanes in Complex Matrixes. Analytical Chemistry, 2011, 83, 7094-7101.	3.2	267
20	Fluorescence Resonance Energy Transfer Inhibition Assay for Î±-Fetoprotein Excreted during Cancer Cell Growth Using Functionalized Persistent Luminescence Nanoparticles. Journal of the American Chemical Society, 2011, 133, 686-688.	6.6	248
21	MOF-5 Metalâ€'Organic Framework as Sorbent for In-Field Sampling and Preconcentration in Combination with Thermal Desorption GC/MS for Determination of Atmospheric Formaldehyde. Analytical Chemistry, 2010, 82, 1365-1370.	3.2	245
22	Zeolitic Imidazolate Framework-8 for Fast Adsorption and Removal of Benzotriazoles from Aqueous Solution. ACS Applied Materials & Interfaces, 2013, 5, 9837-9842.	4.0	243
23	Exploring Mn-Doped ZnS Quantum Dots for the Room-Temperature Phosphorescence Detection of Enoxacin in Biological Fluids. Analytical Chemistry, 2008, 80, 3832-3837.	3.2	235
24	Facile room-temperature solution-phase synthesis of a spherical covalent organic framework for high-resolution chromatographic separation. Chemical Communications, 2015, 51, 12254-12257.	2.2	232
25	Amine-Functionalized Magnetic Nanoparticles for Rapid Capture and Removal of Bacterial Pathogens. Environmental Science & Technology, 2010, 44, 7908-7913.	4.6	226
26	Near Infrared Fluorescent Trypsin Stabilized Gold Nanoclusters as Surface Plasmon Enhanced Energy Transfer Biosensor and in Vivo Cancer Imaging Bioprobe. Analytical Chemistry, 2013, 85, 3238-3245.	3.2	225
27	Preparation and evaluation of a molecularly imprinted solâ€“gel material for on-line solid-phase extraction coupled with high performance liquid chromatography for the determination of trace pentachlorophenol in water samples. Journal of Chromatography A, 2005, 1100, 131-136.	1.8	224
28	High-Crystallinity Covalent Organic Framework with Dual Fluorescence Emissions and Its Ratiometric Sensing Application. ACS Applied Materials & Interfaces, 2017, 9, 24999-25005.	4.0	224
29	Advances in covalent organic frameworks in separation science. Journal of Chromatography A, 2018, 1542, 1-18.	1.8	213
30	A Multidimensional Sensing Device for the Discrimination of Proteins Based on Manganeseâ€Đoped ZnS Quantum Dots. Angewandte Chemie - International Edition, 2011, 50, 8118-8121.	7.2	208
31	CdTe Quantum Dots (QDs) Based Kinetic Discrimination of Fe²⁺ and Fe³⁺, and CdTe QDs-Fenton Hybrid System for Sensitive Photoluminescent Detection of Fe²⁺. Analytical Chemistry, 2009, 81, 6252-6257.	3.2	204
32	Dual-stimuli responsive and reversibly activatable theranostic nanoprobe for precision tumor-targeting and fluorescence-guided photothermal therapy. Nature Communications, 2017, 8, 14998.	5.8	204
33	An Imprinted Organicâ€'Inorganic Hybrid Sorbent for Selective Separation of Cadmium from Aqueous Solution. Analytical Chemistry, 2004, 76, 453-457.	3.2	201
34	Probing the Adsorption Characteristic of Metalâ€“Organic Framework MIL-101 for Volatile Organic Compounds by Quartz Crystal Microbalance. Environmental Science & Technology, 2011, 45, 4490-4496.	4.6	197
35	Metalâ€“organic frameworks for efficient enrichment of peptides with simultaneous exclusion of proteins from complex biological samples. Chemical Communications, 2011, 47, 4787.	2.2	196
36	Fabrication of Transferrin Functionalized Gold Nanoclusters/Graphene Oxide Nanocomposite for Turn-On Near-Infrared Fluorescent Bioimaging of Cancer Cells and Small Animals. Analytical Chemistry, 2013, 85, 2529-2535.	3.2	192

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37	Preparation, characterization and evaluation of water-soluble l-cysteine-capped-CdS nanoparticles as fluorescence probe for detection of Hg(II) in aqueous solution. Analytica Chimica Acta, 2006, 559, 234-239.	2.6	178
38	Zeolite imidazolate framework-8 as sorbent for on-line solid-phase extraction coupled with high-performance liquid chromatography for the determination of tetracyclines in water and milk samples. Journal of Chromatography A, 2013, 1304, 28-33.	1.8	177
39	Photoactivated CdTe/CdSe Quantum Dots as a Near Infrared Fluorescent Probe for Detecting Biothiols in Biological Fluids. Analytical Chemistry, 2009, 81, 5001-5007.	3.2	175
40	Irreversible Amideâ€Linked Covalent Organic Framework for Selective and Ultrafast Gold Recovery. Angewandte Chemie - International Edition, 2020, 59, 17607-17613.	7.2	174
41	Fabrication of ZIFâ€8@SiO₂ Coreâ€“Shell Microspheres as the Stationary Phase for Highâ€Performance Liquid Chromatography. Chemistry - A European Journal, 2013, 19, 13484-13491.	1.7	170
42	Cationic Covalent Organic Nanosheets for Rapid and Selective Capture of Perrhenate: An Analogue of Radioactive Pertechnetate from Aqueous Solution. Environmental Science & Technology, 2019, 53, 5212-5220.	4.6	160
43	Covalent bonding of zeolitic imidazolate framework-90 to functionalized silica fibers for solid-phase microextraction. Chemical Communications, 2013, 49, 2142.	2.2	157
44	Fabrication of metalâ€“organic framework MIL-88B films on stainless steel fibers for solid-phase microextraction of polychlorinated biphenyls. Journal of Chromatography A, 2014, 1334, 1-8.	1.8	153
45	Adsorption and Separation of Xylene Isomers and Ethylbenzene on Two Znâ^'Terephthalate Metalâ^'Organic Frameworks. Journal of Physical Chemistry C, 2010, 114, 311-316.	1.5	152
46	Hydrofluoric Acid Etched Stainless Steel Wire for Solid-Phase Microextraction. Analytical Chemistry, 2009, 81, 4971-4977.	3.2	149
47	A versatile covalent organic framework-based platform for sensing biomolecules. Chemical Communications, 2017, 53, 11469-11471.	2.2	148
48	Antigenâ€Directed Fabrication of a Multifunctional Nanovaccine with Ultrahigh Antigen Loading Efficiency for Tumor Photothermalâ€Immunotherapy. Advanced Materials, 2018, 30, 1704408.	11.1	143
49	Discrimination of Saccharides with a Fluorescent Molecular Imprinting Sensor Array Based on Phenylboronic Acid Functionalized Mesoporous Silica. Analytical Chemistry, 2009, 81, 5273-5280.	3.2	142
50	Distribution of arsenic(III), arsenic(V) and total inorganic arsenic in porewaters from a thick till and clay-rich aquitard sequence, Saskatchewan, Canada. Geochimica Et Cosmochimica Acta, 2000, 64, 2637-2648.	1.6	140
51	Metalâ€“organic framework UiO-66 coated stainless steel fiber for solid-phase microextraction of phenols in water samples. Journal of Chromatography A, 2014, 1357, 165-171.	1.8	140
52	Exploring reverse shape selectivity and molecular sieving effect of metal-organic framework UIO-66 coated capillary column for gas chromatographic separation. Journal of Chromatography A, 2012, 1257, 116-124.	1.8	136
53	Gadolinium Complexes Functionalized Persistent Luminescent Nanoparticles as a Multimodal Probe for Near-Infrared Luminescence and Magnetic Resonance Imaging in Vivo. Analytical Chemistry, 2014, 86, 4096-4101.	3.2	136
54	pH Switchable Nanoplatform for In Vivo Persistent Luminescence Imaging and Precise Photothermal Therapy of Bacterial Infection. Advanced Functional Materials, 2020, 30, 1909042.	7.8	136

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55	Fabrication of vascular endothelial growth factor antibody bioconjugated ultrasmall near-infrared fluorescent Ag2S quantum dots for targeted cancer imaging in vivo. Chemical Communications, 2013, 49, 3324.	2.2	130
56	Fabrication of Isoreticular Metalâ€“Organic Framework Coated Capillary Columns for High-Resolution Gas Chromatographic Separation of Persistent Organic Pollutants. Analytical Chemistry, 2011, 83, 5093-5100.	3.2	129
57	Exploration of coordination polymer as sorbent for flow injection solid-phase extraction on-line coupled with high-performance liquid chromatography for determination of polycyclic aromatic hydrocarbons in environmental materials. Journal of Chromatography A, 2006, 1116, 172-178.	1.8	127
58	Fabrication of Multifunctional Gd₂O₃/Au Hybrid Nanoprobe via a One-Step Approach for Near-Infrared Fluorescence and Magnetic Resonance Multimodal Imaging in Vivo. Analytical Chemistry, 2013, 85, 8436-8441.	3.2	123
59	Preparation, Characterization, and Application of <scp>L</scp>â€Cysteine Functionalized Multiwalled Carbon Nanotubes as a Selective Sorbent for Separation and Preconcentration of Heavy Metals. Advanced Functional Materials, 2008, 18, 1536-1543.	7.8	122
60	Ionic strength and pH reversible response of visible and near-infrared fluorescence of graphene oxide nanosheets for monitoring the extracellular pH. Chemical Communications, 2011, 47, 3135.	2.2	121
61	High-performance liquid chromatographic separation of position isomers using metalâ€“organic framework MIL-53(Al) as the stationary phase. Analyst, The, 2012, 137, 133-139.	1.7	121
62	A dehydration and stabilizer-free approach to production of stable water dispersions of graphene nanosheets. Journal of Materials Chemistry, 2010, 20, 4328.	6.7	119
63	Fabrication of Graphene Oxide Nanosheets Incorporated Monolithic Column via One-Step Room Temperature Polymerization for Capillary Electrochromatography. Analytical Chemistry, 2012, 84, 39-44.	3.2	119
64	Incorporation of metalâ€“organic framework UiO-66 into porous polymer monoliths to enhance the liquid chromatographic separation of small molecules. Chemical Communications, 2013, 49, 7162.	2.2	118
65	Highâ€Performance Separation of Fullerenes on Metalâ€“Organic Framework MILâ€101(Cr). Chemistry - A European Journal, 2011, 17, 11734-11737.	1.7	112
66	Room-Temperature Phosphorescent Discrimination of Catechol from Resorcinol and Hydroquinone Based on Sodium Tripolyphosphate Capped Mn-Doped ZnS Quantum Dots. Analytical Chemistry, 2013, 85, 1920-1925.	3.2	110
67	Selfâ€Assembly of Mnâ€Doped ZnS Quantum Dots/Octa(3â€aminopropyl)octasilsequioxane Octahydrochloride Nanohybrids for Optosensing DNA. Chemistry - A European Journal, 2009, 15, 5436-5440.	1.7	108
68	Metal-organic framework MIL-100(Fe) as the stationary phase for both normal-phase and reverse-phase high performance liquid chromatography. Journal of Chromatography A, 2013, 1274, 137-144.	1.8	106
69	Facile Synthesis of Uniform-Sized Bismuth Nanoparticles for CT Visualization of Gastrointestinal Tract in Vivo. ACS Applied Materials & Interfaces, 2016, 8, 12720-12726.	4.0	106
70	Chemical Redox Modulation of the Surface Chemistry of CdTe Quantum Dots for Probing Ascorbic Acid in Biological Fluids. Small, 2009, 5, 2012-2018.	5.2	105
71	Metal-organic framework-801 for efficient removal of fluoride from water. Microporous and Mesoporous Materials, 2018, 259, 163-170.	2.2	105
72	Post-synthetic modification of metalâ€“organic frameworks for chiral gas chromatography. Journal of Materials Chemistry A, 2018, 6, 17861-17866.	5.2	105

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73	Emerging porous materials in confined spaces: from chromatographic applications to flow chemistry. Chemical Society Reviews, 2019, 48, 2566-2595.	18.7	103
74	Ratiometric Fluorescent Detection of Phosphate in Aqueous Solution Based on Near Infrared Fluorescent Silver Nanoclusters/Metalâ€“Organic Shell Composite. Analytical Chemistry, 2015, 87, 11455-11459.	3.2	102
75	Synthesis of functionalized triple-doped zinc gallogermanate nanoparticles with superlong near-infrared persistent luminescence for long-term orally administrated bioimaging. Nanoscale, 2016, 8, 14965-14970.	2.8	102
76	Flow Injection On-Line Sorption Preconcentration Coupled with Hydride Generation Atomic Fluorescence Spectrometry for Determination of (Ultra)trace Amounts of Arsenic(III) and Arsenic(V) in Natural Water Samples. Analytical Chemistry, 2002, 74, 2162-2166.	3.2	97
77	A Chiral Metal-Organic Material that Enables Enantiomeric Identification and Purification. CheM, 2017, 3, 281-289.	5.8	97
78	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. ACS Applied Nano Materials, 2019, 2, 7290-7298.	2.4	97
79	Probing Mercury Speciesâ^'DNA Interactions by Capillary Electrophoresis with On-Line Electrothermal Atomic Absorption Spectrometric Detection. Analytical Chemistry, 2006, 78, 6115-6120.	3.2	94
80	Multimodality Molecular Imaging. IEEE Engineering in Medicine and Biology Magazine, 2008, 27, 48-57.	1.1	94
81	Ni2+-modulated homocysteine-capped CdTe quantum dots as a turn-on photoluminescent sensor for detecting histidine in biological fluids. Biosensors and Bioelectronics, 2010, 26, 485-490.	5.3	94
82	A gold nanorod based colorimetric probe for the rapid and selective detection of Cu2+ ions. Analyst, The, 2011, 136, 3904.	1.7	94
83	In situ room-temperature fabrication of a covalent organic framework and its bonded fiber for solid-phase microextraction of polychlorinated biphenyls in aquatic products. Journal of Materials Chemistry A, 2019, 7, 13249-13255.	5.2	94
84	Metalâ€“organic frameworks for reverse-phase high-performance liquid chromatography. Analyst, The, 2012, 137, 816-818.	1.7	92
85	Activatable Multifunctional Persistent Luminescence Nanoparticle/Copper Sulfide Nanoprobe for in Vivo Luminescence Imaging-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2016, 8, 32667-32674.	4.0	91
86	Speciation of Dissolved Iron(III) and Iron(II) in Water by On-Line Coupling of Flow Injection Separation and Preconcentration with Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2000, 72, 1879-1884.	3.2	90
87	Self-Assembly of Folate onto Polyethyleneimine-Coated CdS/ZnS Quantum Dots for Targeted Turn-On Fluorescence Imaging of Folate Receptor Overexpressed Cancer Cells. Analytical Chemistry, 2013, 85, 228-234.	3.2	89
88	Determination of (Ultra)trace Amounts of Arsenic(III) and Arsenic(V) in Water by Inductively Coupled Plasma Mass Spectrometry Coupled with Flow Injection On-Line Sorption Preconcentration and Separation in a Knotted Reactor. Analytical Chemistry, 1998, 70, 4736-4742.	3.2	87
89	Speciation of Mercury by Hydrostatically Modified Electroosmotic Flow Capillary Electrophoresis Coupled with Volatile Species Generation Atomic Fluorescence Spectrometry. Analytical Chemistry, 2003, 75, 1726-1732.	3.2	85
90	Simultaneous Determination of Trace Cadmium and Arsenic in Biological Samples by Hydride Generation-Double Channel Atomic Fluorescence Spectrometry. Analytical Chemistry, 2002, 74, 1525-1529.	3.2	84

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91	Cloud point extraction for high-performance liquid chromatographic speciation of Cr(III) and Cr(VI) in aqueous solutions. Journal of Chromatography A, 2004, 1036, 183-188.	1.8	83
92	Fabrication of molecularly imprinted hybrid monoliths via a room temperature ionic liquidâ€mediated nonhydrolytic solâ€“gel route for chiral separation of zolmitriptan by capillary electrochromatography. Electrophoresis, 2008, 29, 952-959.	1.3	83
93	An indicator-displacement assay for naked-eye detection and quantification of histidine in human urine. Analyst, The, 2012, 137, 2124.	1.7	82
94	Aqueous Layerâ€byâ€Layer Epitaxy of Typeâ€II CdTe/CdSe Quantum Dots with Nearâ€Infrared Fluorescence for Bioimaging Applications. Small, 2009, 5, 185-189.	5.2	81
95	Inâ€…Situ Growth of Covalent Organic Framework Shells on Silica Microspheres for Application in Liquid Chromatography. ChemPlusChem, 2017, 82, 933-938.	1.3	79
96	Magnetic immobilization of amine-functionalized magnetite microspheres in a knotted reactor for on-line solid-phase extraction coupled with ICP-MS for speciation analysis of trace chromium. Journal of Analytical Atomic Spectrometry, 2010, 25, 1467.	1.6	78
97	Penetrating Peptide-Bioconjugated Persistent Nanophosphors for Long-Term Tracking of Adipose-Derived Stem Cells with Superior Signal-to-Noise Ratio. Analytical Chemistry, 2016, 88, 4114-4121.	3.2	78
98	Human Serum Albuminâ^'Mercurial Species Interactions. Journal of Proteome Research, 2007, 6, 2277-2286.	1.8	77
99	A Dual-Targeting Upconversion Nanoplatform for Two-Color Fluorescence Imaging-Guided Photodynamic Therapy. Analytical Chemistry, 2014, 86, 3263-3267.	3.2	74
100	Fabrication of aluminum terephthalate metal-organic framework incorporated polymer monolith for the microextraction of non-steroidal anti-inflammatory drugs in water and urine samples. Journal of Chromatography A, 2015, 1393, 1-7.	1.8	74
101	Methacrylate-bonded covalent-organic framework monolithic columns for high performance liquid chromatography. Journal of Chromatography A, 2017, 1479, 137-144.	1.8	74
102	Molecularly-imprinted monoliths for sample treatment and separation. TrAC - Trends in Analytical Chemistry, 2012, 39, 207-217.	5.8	72
103	Conjugation of a photosensitizer to near infrared light renewable persistent luminescence nanoparticles for photodynamic therapy. Chemical Communications, 2016, 52, 13303-13306.	2.2	72
104	A simple chemical etching strategy to generate â€œion-imprintedâ€•sites on the surface of quantum dots for selective fluorescence turn-on detecting of metal ions. Chemical Communications, 2010, 46, 7046.	2.2	70
105	On-line coupling of flow injection displacement sorption preconcentration to high-performance liquid chromatography for speciation analysis of mercury in seafood. Journal of Chromatography A, 2004, 1036, 119-125.	1.8	69
106	Cloud point extraction preconcentration for capillary electrophoresis of metal ions. Analytica Chimica Acta, 2004, 507, 199-204.	2.6	69
107	Synthesis and characterization of indolocarbazole-quinoxalines with flat rigid structure for sensing fluoride and acetate anions. Organic and Biomolecular Chemistry, 2008, 6, 1751.	1.5	69
108	Liposome-Coated Persistent Luminescence Nanoparticles as Luminescence Trackable Drug Carrier for Chemotherapy. Analytical Chemistry, 2017, 89, 6936-6939.	3.2	69

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109	Ultrasensitive, selective and simultaneous detection of cytochrome c and insulin based on immunoassay and aptamer-based bioassay in combination with Au/Ag nanoparticle tagging and ICP-MS detection. Journal of Analytical Atomic Spectrometry, 2011, 26, 1191.	1.6	68
110	Covalent immobilization of covalent organic framework on stainless steel wire for solid-phase microextraction GC-MS/MS determination of sixteen polycyclic aromatic hydrocarbons in grilled meat samples. Talanta, 2019, 201, 413-418.	2.9	68
111	pHâ€Responsive Torpedoâ€Like Persistent Luminescence Nanoparticles for Autofluorescenceâ€Free Biosensing and Highâ€Level Information Encryption. Angewandte Chemie - International Edition, 2021, 60, 2398-2405.	7.2	68
112	On-Line Coupling of Capillary Electrophoresis to Hydride Generation Atomic Fluorescence Spectrometry for Arsenic Speciation Analysis. Analytical Chemistry, 2002, 74, 3720-3725.	3.2	67
113	A fluorescent sensor array based on ion imprinted mesoporous silica. Biosensors and Bioelectronics, 2009, 24, 3316-3321.	5.3	67
114	Layer-by-layer preparation of 3D covalent organic framework/silica composites for chromatographic separation of position isomers. Chemical Communications, 2018, 54, 11765-11768.	2.2	67
115	Silica-Coated S^{2â€“}-Enriched Manganese-Doped ZnS Quantum Dots as a Photoluminescence Probe for Imaging Intracellular Zn²⁺ Ions. Analytical Chemistry, 2011, 83, 8239-8244.	3.2	66
116	Mimicking Drug-Substrate Interaction: A Smart Bioinspired Technology for the Fabrication of Theranostic Nanoprobes. Advanced Functional Materials, 2017, 27, 1603440.	7.8	66
117	Fabrication of a covalent organic framework and its gold nanoparticle hybrids as stable mimetic peroxidase for sensitive and selective colorimetric detection of mercury in water samples. Talanta, 2019, 204, 224-228.	2.9	66
118	Synthesis of magnetic amino-functionalized microporous organic network composites for magnetic solid phase extraction of endocrine disrupting chemicals from water, beverage bottle and juice samples. Talanta, 2020, 206, 120179.	2.9	66
119	Bioconjugated persistent luminescence nanoparticles for FÃ¶ster resonance energy transfer immunoassay of prostate specific antigen in serum and cell extracts without in situ excitation. Chemical Communications, 2015, 51, 3903-3906.	2.2	65
120	Control of the Coordination Status of the Open Metal Sites in Metalâ€“Organic Frameworks for High Performance Separation of Polar Compounds. Langmuir, 2012, 28, 6794-6802.	1.6	64
121	A Dualâ€Functional Persistently Luminescent Nanocomposite Enables Engineering of Mesenchymal Stem Cells for Homing and Gene Therapy of Glioblastoma. Advanced Functional Materials, 2017, 27, 1604992.	7.8	64
122	Factors affecting the stability of inorganic and methylmercury during sample storage. TrAC - Trends in Analytical Chemistry, 2003, 22, 245-253.	5.8	63
123	Vapour generation atomic absorption spectrometry. Analytica Chimica Acta, 1994, 291, 89-105.	2.6	62
124	Selective Measurement of Ultratrace Methylmercury in Fish by Flow Injection On-Line Microcolumn Displacement Sorption Preconcentration and Separation Coupled with Electrothermal Atomic Absorption Spectrometry. Analytical Chemistry, 2003, 75, 2251-2255.	3.2	62
125	Facile Shapeâ€Controlled Synthesis of Wellâ€Aligned Nanowire Architectures in Binary Aqueous Solution. Angewandte Chemie - International Edition, 2007, 46, 7659-7663.	7.2	62
126	Metal-organic framework polymethyl methacrylate composites for open-tubular capillary electrochromatography. Journal of Chromatography A, 2013, 1316, 97-103.	1.8	61

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127	Solid-phase extraction with the metal-organic framework MIL-101(Cr) combined with direct analysis in real time mass spectrometry for the fast analysis of triazine herbicides. Journal of Separation Science, 2014, 37, 1489-1495.	1.3	59
128	Radiopaque tantalum oxide coated persistent luminescent nanoparticles as multimodal probes for in vivo near-infrared luminescence and computed tomography bioimaging. Nanoscale, 2015, 7, 17929-17937.	2.8	59
129	Flow injection on-line group preconcentration and separation of (ultra)trace rare earth elements in environmental and geological samples by precipitation using a knotted reactor as a filterless collector for inductively coupled plasma mass spectrometric determination. Journal of Analytical Atomic Spectrometry, 1999, 14, 215-221.	1.6	58
130	Flow injection on-line preconcentration and separation coupled with atomic (mass) spectrometry for trace element (speciation) analysis based on sorption of organo-metallic complexes in a knotted reactor. TrAC - Trends in Analytical Chemistry, 2001, 20, 552-562.	5.8	58
131	Ultrasonic assisted synthesis of adenosine triphosphate capped manganese-doped ZnS quantum dots for selective room temperature phosphorescence detection of arginine and methylated arginine in urine based on supramolecular Mg2+â€“adenosine triphosphateâ€“arginine ternary system. Talanta, 2012, 97, 16-22.	2.9	58
132	Room temperature fabrication of post-modified zeolitic imidazolate framework-90 as stationary phase for open-tubular capillary electrochromatography. Journal of Chromatography A, 2014, 1343, 188-194.	1.8	58
133	Investigation of on-line coupling electrothermal atomic absorption spectrometry with flow injection sorption preconcentration using a knotted reactor for totally automatic determination of lead in water samples. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1891-1908.	1.5	57
134	Ascorbic Acid Induced Enhancement of Room Temperature Phosphorescence of Sodium Tripolyphosphateâ€Capped Mnâ€Doped ZnS Quantum Dots: Mechanism and Bioprobe Applications. Chemistry - A European Journal, 2010, 16, 12988-12994.	1.7	57
135	A sensitive and selective resonance light scattering bioassay for homocysteine in biological fluids based on target-involved assembly of polyethyleneimine-capped Ag-nanoclusters. Chemical Communications, 2011, 47, 3817.	2.2	57
136	Incorporation of Computed Tomography and Magnetic Resonance Imaging Function into NaYF₄:Yb/Tm Upconversion Nanoparticles for in Vivo Trimodal Bioimaging. Analytical Chemistry, 2013, 85, 12166-12172.	3.2	57
137	Determination of (ultra)trace amounts of antimony(III) in water by flow injection on-line sorption preconcentration in a knotted reactor coupled with electrothermal atomic absorption spectrometry. Analyst, The, 1996, 121, 1061.	1.7	56
138	Development of an ambient temperature post-column oxidation system for high-performance liquid chromatography on-line coupled with cold vapor atomic fluorescence spectrometry for mercury speciation in seafood. Journal of Analytical Atomic Spectrometry, 2005, 20, 467.	1.6	56
139	2,1,3-Benzoxadiazole-based selective chromogenic chemosensor for rapid naked-eye detection of Hg2+ and Cu2+. Talanta, 2008, 76, 9-14.	2.9	55
140	Hydrothermal and biomineralization synthesis of a dual-modal nanoprobe for targeted near-infrared persistent luminescence and magnetic resonance imaging. Nanoscale, 2017, 9, 9049-9055.	2.8	55
141	Room temperature ionic liquids enhanced chemical vapor generation of copper, silver and gold following reduction in acidified aqueous solution with KBH4 for atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2008, 23, 1372.	1.6	54
142	Exploring fluorescent covalent organic frameworks for selective sensing of Fe3+. Science China Chemistry, 2018, 61, 1470-1474.	4.2	54
143	In situ concentration of mercury vapour in a palladium-coated graphite tube: determination of mercury by atomic absorption spectrometry. Analytica Chimica Acta, 1993, 272, 105-114.	2.6	53
144	Flow Injection On-line Sorption Separation and Preconcentration With a Knotted Reactor for Electrothermal Atomic Absorption Spectrometric Determination of Lead in Biological and Environmental Samples. Journal of Analytical Atomic Spectrometry, 1997, 12, 459.	1.6	53

#	Article	IF	Citations
145	Acrylic acid grafted polytetrafluoroethylene fiber as new packing for flow injection on-line microcolumn preconcentration coupled with flame atomic absorption spectrometry for determination of lead and cadmium in environmental and biological samples. Analytica Chimica Acta, 2004, 514, 151-157.	2.6	52
146	Ultrasensitive and Highly Selective Detection of Bioaccumulation of Methyl-Mercury in Fish Samples via Ag⁰/Hg⁰ Amalgamation. Analytical Chemistry, 2015, 87, 2452-2458.	3.2	52
147	Post-synthetic modification of MIL-101(Cr) with pyridine for high-performance liquid chromatographic separation of tocopherols. Talanta, 2015, 137, 136-142.	2.9	52
148	A Circular Dichroism Probe for <scp>L</scp>â€Cysteine Based on the Selfâ€Assembly of Chiral Complex Nanoparticles. Chemistry - A European Journal, 2010, 16, 423-427.	1.7	51
149	Intracellular Messenger RNA Triggered Catalytic Hairpin Assembly for Fluorescence Imaging Guided Photothermal Therapy. Analytical Chemistry, 2017, 89, 7277-7281.	3.2	51
150	Evaluation of isostructural metalâ€“organic frameworks coated capillary columns for the gas chromatographic separation of alkane isomers. Talanta, 2012, 99, 944-950.	2.9	50
151	A building block exchange strategy for the rational fabrication of de novo unreachable amino-functionalized imine-linked covalent organic frameworks. Journal of Materials Chemistry A, 2018, 6, 17307-17311.	5.2	50
152	Gold Nanoparticles Amplified Ultrasensitive Quantification of Human Urinary Protein by Capillary Electrophoresis with On-Line Inductively Coupled Plasma Mass Spectroscopic Detection. Journal of Proteome Research, 2010, 9, 3545-3550.	1.8	49
153	On-Line Coupling of Flow Injection Microcolumn Separation and Preconcentration to Electrothermal Atomic Absorption Spectrometry for Determination of (Ultra)trace Selenite and Selenate in Water. Analytical Chemistry, 1999, 71, 4353-4360.	3.2	48
154	Development of a new hybrid technique for rapid speciation analysis by directly interfacing a microfluidic chip-based capillary electrophoresis system to atomic fluorescence spectrometry. Electrophoresis, 2005, 26, 2261-2268.	1.3	47
155	Fabrication of folate bioconjugated near-infrared fluorescent silver nanoclusters for targeted in vitro and in vivo bioimaging. Chemical Communications, 2014, 50, 14341-14344.	2.2	47
156	Biomimetic Persistent Luminescent Nanoplatform for Autofluorescence-Free Metastasis Tracking and Chemophotodynamic Therapy. Analytical Chemistry, 2018, 90, 4188-4195.	3.2	46
157	Thiolâ€“Ene Click Synthesis of Phenylboronic Acid-Functionalized Covalent Organic Framework for Selective Catechol Removal from Aqueous Medium. ACS Applied Materials & Interfaces, 2019, 11, 46219-46225.	4.0	46
158	Determination of Trace Cadmium in Rice by Flow Injection On-Line Filterless Precipitationâ^'Dissolution Preconcentration Coupled with Flame Atomic Absorption Spectrometry. Journal of Agricultural and Food Chemistry, 2003, 51, 2111-2114.	2.4	45
159	Covalent organic frameworks for environmental analysis. TrAC - Trends in Analytical Chemistry, 2022, 147, 116516.	5.8	45
160	Metalâ€organic framework <scp>ZIF</scp>â€8 nanocrystals as pseudostationary phase for capillary electrokinetic chromatography. Electrophoresis, 2012, 33, 2896-2902.	1.3	44
161	Dendrimer grafted persistent luminescent nanoplatform for aptamer guided tumor imaging and acid-responsive drug delivery. Talanta, 2020, 219, 121209.	2.9	44
162	Determination of bismuth in cod muscle, lake and river sediment by flow injection on-line sorption preconcentration in a knotted reactor coupled with electrothermal atomic absorption spectrometry. Analytica Chimica Acta, 1997, 354, 7-13.	2.6	43

#	Article	IF	Citations
163	Capillary electrophoresis on-line coupled with hydride generation-atomic fluorescence spectrometry for speciation analysis of selenium. Electrophoresis, 2005, 26, 155-160.	1.3	43
164	Displacement solid-phase extraction on mercapto-functionalized magnetite microspheres for inductively coupled plasma mass spectrometric determination of trace noble metals. Analytica Chimica Acta, 2011, 692, 42-49.	2.6	43
165	Selective adsorption and extraction of C70 and higher fullerenes on a reusable metalâ€“organic framework MIL-101(Cr). Journal of Materials Chemistry, 2012, 22, 17833.	6.7	43
166	Application of a Macrocycle Immobilized Silica Gel Sorbent to Flow Injection On-Line Microcolumn Preconcentration and Separation Coupled with Flame Atomic Absorption Spectrometry for Interference-Free Determination of Trace Lead in Biological and Environmental Samples. Analytical Chemistry, 1999, 71, 4216-4222.	3.2	42
167	A Flow Injection On-Line Multiplexed Sorption Preconcentration Procedure Coupled with Flame Atomic Absorption Spectrometry for Determination of Trace Lead in Water, Tea, and Herb Medicines. Analytical Chemistry, 2002, 74, 1075-1080.	3.2	42
168	On-line dynamic two-dimensional admicelles solvent extraction coupled to electrothermal atomic absorption spectrometry for determination of chromium(VI) in drinking water. Analytica Chimica Acta, 2005, 536, 207-212.	2.6	42
169	CE-ICP-MS for studying interactions between metals and biomolecules. TrAC - Trends in Analytical Chemistry, 2008, 27, 554-565.	5.8	42
170	Autofluorescence-free chemo/biosensing in complex matrixes based on persistent luminescence nanoparticles. TrAC - Trends in Analytical Chemistry, 2019, 118, 65-72.	5.8	42
171	Sequential leachates of multiple grain size fractions from a clay-rich till, Saskatchewan, Canada: implications for controls on the rare earth element geochemistry of porewaters in an aquitard. Chemical Geology, 1999, 158, 53-79.	1.4	41
172	Selective Quantification of Trace Palladium in Road Dusts and Roadside Soils by Displacement Solid-Phase Extraction Online Coupled with Electrothermal Atomic Absorption Spectrometry. Environmental Science & Technology, 2005, 39, 288-292.	4.6	41
173	p-Bromophenol-Enhanced Bienzymatic Chemiluminescence Competitive Immunoassay for Ultrasensitive Determination of Aflatoxin B₁. Analytical Chemistry, 2019, 91, 13191-13197.	3.2	41
174	Neutrophil Delivered Hollow Titania Covered Persistent Luminescent Nanosensitizer for Ultrosound Augmented Chemo/Immuno Glioblastoma Therapy. Advanced Science, 2021, 8, e2004381.	5.6	41
175	A flow injection online micelle-mediated preconcentration and separation procedure without phase separation coupled with electrothermal atomic absorption spectrometry for determination of trace lead in biological samples. Journal of Analytical Atomic Spectrometry, 2003, 18, 946.	1.6	40
176	Flow injection on-line sorption preconcentration coupled with hydride generation atomic fluorescence spectrometry using a polytetrafluoroethylene fiber-packed microcolumn for determination of Se(IV) in natural water. Journal of Analytical Atomic Spectrometry, 2004, 19, 277.	1.6	40
177	Cigarette filter as sorbent for on-line coupling of solid-phase extraction to high-performance liquid chromatography for determination of polycyclic aromatic hydrocarbons in water. Journal of Chromatography A, 2006, 1103, 9-14.	1.8	40
178	Determination of Thallium in River Sediment by Flow Injection On-line Sorption Preconcentration in a Knotted Reactor Coupled With Electrothermal Atomic Absorption Spectrometry. Analyst, The, 1997, 122, 667-671.	1.7	39
179	Determination of Trace Mercury in Environmental and Foods Samples by Online Coupling of Flow Injection Displacement Sorption Preconcentration to Electrothermal Atomic Absorption Spectrometry. Environmental Science & Technology, 2002, 36, 4886-4891.	4.6	39
180	Fabrication and bioconjugation of B^{III}and Cr^{III}co-doped ZnGa₂O₄persistent luminescent nanoparticles for dual-targeted cancer bioimaging. Nanoscale, 2016, 8, 18987-18994.	2.8	39

#	Article	IF	Citations
181	Î³-Cyclodextrin metalâ€“organic framework for efficient separation of chiral aromatic alcohols. RSC Advances, 2017, 7, 36297-36301.	1.7	39
182	pH-Driven Targeting Nanoprobe with Dual-Responsive Drug Release for Persistent Luminescence Imaging and Chemotherapy of Tumor. Analytical Chemistry, 2020, 92, 1179-1188.	3.2	39
183	Speciation analysis of inorganic arsenic by microchip capillary electrophoresis coupled with hydride generation atomic fluorescence spectrometry. Journal of Chromatography A, 2005, 1081, 232-237.	1.8	38
184	Application of Metal-Organic Frameworks in Sample Pretreatment. Chinese Journal of Analytical Chemistry, 2013, 41, 1297-1300.	0.9	38
185	Facile synthesis of hydroxyl enriched microporous organic networks for enhanced adsorption and removal of tetrabromobisphenol A from aqueous solution. Chemical Engineering Journal, 2019, 373, 606-615.	6.6	38
186	On-line hyphenation of capillary electrophoresis with flame-heated furnace atomic absorption spectrometry for trace mercury speciation. Electrophoresis, 2005, 26, 661-667.	1.3	37
187	Room-temperature synthesis of microporous organic network for efficient adsorption and removal of tetrabromobisphenol A from aqueous solution. Chemical Engineering Journal, 2019, 368, 589-597.	6.6	37
188	Coreâ€“Shell Magnetic Amino-Functionalized Microporous Organic Network Nanospheres for the Removal of Tetrabromobisphenol A from Aqueous Solution. ACS Applied Nano Materials, 2019, 2, 1232-1241.	2.4	37
189	On-line coupling of flow injection sequential extraction to hydride generation atomic fluorescence spectrometry for fractionation of arsenic in soils. Talanta, 2005, 65, 627-631.	2.9	36
190	Thiol-yne Click Post-Modification for the Synthesis of Chiral Microporous Organic Networks for Chiral Gas Chromatography. ACS Applied Materials & Interfaces, 2020, 12, 4954-4961.	4.0	36
191	Pyrazino[2.3â€g]quinoxalineâ€Bridged Indoleâ€Based Building Blocks: Design, Synthesis, Anionâ€Binding Properties, and Phosphateâ€Directed Assembly in the Solid State. Chemistry - A European Journal, 2010, 16, 4639-4649.	1.7	35
192	â€œThiolâ€“eneâ€•click synthesis of chiral covalent organic frameworks for gas chromatography. Journal of Materials Chemistry A, 2021, 9, 21151-21157.	5.2	35
193	Postsynthetic ligand exchange for the synthesis of benzotriazole-containing zeolitic imidazolate framework. Chemical Communications, 2015, 51, 6540-6543.	2.2	34
194	Zeolitic imidazolate framework nanocrystals for enrichment and direct detection of environmental pollutants by negative ion surface-assisted laser desorption/ionization time-of-flight mass spectrometry. RSC Advances, 2016, 6, 23790-23793.	1.7	34
195	A knot-linker planarity control strategy for constructing highly crystalline cationic covalent organic frameworks: decoding the effect of crystallinity on adsorption performance. Journal of Materials Chemistry A, 2020, 8, 12657-12664.	5.2	34
196	Synthesis and Evaluation of an Ionâ€Imprinted Functionalized Sorbent for Selective Separation of Cadmium Ion. Separation Science and Technology, 2005, 40, 1597-1608.	1.3	33
197	Facile fabrication of chiral hybrid organicâ€“inorganic nanomaterial with large optical activity for selective and sensitive detection of trace Hg2+. Chemical Communications, 2010, 46, 4396.	2.2	33
198	One-Step Solvothermal Synthesis of Targetable Optomagnetic Upconversion Nanoparticles for in Vivo Bimodal Imaging. Analytical Chemistry, 2013, 85, 10225-10231.	3.2	33

#	Article	IF	Citations
199	Metalâ€“organic framework MIL-100(Fe) for artificial kidney application. RSC Advances, 2014, 4, 40824-40827.	1.7	33
200	Synthesis of carboxyl functionalized microporous organic network for solid phase extraction coupled with high-performance liquid chromatography for the determination of phenols in water samples. Talanta, 2020, 208, 120434.	2.9	33
201	Functionalized Persistent Luminescence Nanoparticle-Based Aptasensor for Autofluorescence-free Determination of Kanamycin in Food Samples. Analytical Chemistry, 2021, 93, 2589-2595.	3.2	33
202	Application of microporous organic networks in separation science. TrAC - Trends in Analytical Chemistry, 2021, 139, 116268.	5.8	33
203	Electrothermal atomic absorption spectrometric determination of lead in high-purity reagents with flow-injection on-line microcolumn preconcentration and separation using a macrocycle immobilized silica gel sorbent. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1996, 51, 1875-1889.	1.5	32
204	Interfacing Capillary Electrophoresis and Electrothermal Atomic Absorption Spectroscopy To Study Metal Speciation and Metal-Biomolecule Interactions. Angewandte Chemie - International Edition, 2005, 44, 6387-6391.	7.2	32
205	Minimization of mass interferences in quadrupole inductively coupled plasma mass spectrometric (ICP-MS) determination of palladium using a flow injection on-line displacement solid-phase extraction protocol. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2006, 61, 864-869.	1.5	32
206	Persistent luminescent nanoparticles as energy mediators for enhanced photodynamic therapy with fractionated irradiation. Journal of Materials Chemistry B, 2017, 5, 5793-5805.	2.9	32
207	Near-Infrared Photothermal/Photodynamic-in-One Agents Integrated with a Guanidinium-Based Covalent Organic Framework for Intelligent Targeted Imaging-Guided Precision Chemo/PTT/PDT Sterilization. ACS Applied Materials & Interfaces, 2021, 13, 27895-27903.	4.0	32
208	On-line hyphenation of flow injection, miniaturized capillary electrophoresis and atomic fluorescence spectrometry for high-throughput speciation analysis. Journal of Chromatography A, 2006, 1117, 246-249.	1.8	31
209	In situelectrostatic assembly of CdS nanoparticles onto aligned multiwalled carbon nanotubes in aqueous solution. Nanotechnology, 2006, 17, 4212-4216.	1.3	30
210	Recent advances in on-line coupling of capillary electrophoresis to atomic absorption and fluorescence spectrometry for speciation analysis and studies of metalâ€“biomolecule interactions. Analytica Chimica Acta, 2008, 615, 105-114.	2.6	30
211	An in situ growth approach to the fabrication of zeolite imidazolate framework-90 bonded capillary column for gas chromatography separation. Analyst, The, 2015, 140, 3107-3112.	1.7	30
212	Cell-Penetrating Peptide-Functionalized Persistent Luminescence Nanoparticles for Tracking J774A.1 Macrophages Homing to Inflamed Tissues. ACS Applied Materials & Interfaces, 2019, 11, 19894-19901.	4.0	30
213	Macrophage membrane coated persistent luminescence nanoparticle@MOF-derived mesoporous carbon coreâ€“shell nanocomposites for autofluorescence-free imaging-guided chemotherapy. Journal of Materials Chemistry B, 2020, 8, 8071-8083.	2.9	30
214	A pH reversibly activatable NIR photothermal/photodynamic-in-one agent integrated with renewable nanoimplants for image-guided precision phototherapy. Chemical Science, 2021, 12, 442-452.	3.7	30
215	Short-column CE coupled with inductively coupled plasma MS for high-throughput speciation analysis of chromium. Electrophoresis, 2007, 28, 1393-1398.	1.3	29
216	Enhancing near-infrared AIE of photosensitizer with twisted intramolecular charge transfer characteristics via rotor effect for AIE imaging-guided photodynamic ablation of cancer cells. Talanta, 2021, 225, 122046.	2.9	29

#	Article	IF	Citations
217	Effect of Topology on Photodynamic Sterilization of Porphyrinic Metalâ€Organic Frameworks. Chemistry - A European Journal, 2021, 27, 10151-10159.	1.7	29
218	Ratiometric Luminescence Aptasensor Based on Dual-Emissive Persistent Luminescent Nanoparticles for Autofluorescence- and Exogenous Interference-Free Determination of Trace Aflatoxin B1 in Food Samples. Analytical Chemistry, 2022, 94, 6387-6393.	3.2	29
219	Effects of room-temperature ionic liquids on the chemical vapor generation of gold: Mechanism and analytical application. Analytica Chimica Acta, 2009, 650, 59-64.	2.6	28
220	A pH-Responsive Persistent Luminescence Nanozyme for Selective Imaging and Killing of Helicobacter pylori and Common Resistant Bacteria. ACS Applied Materials & Interfaces, 2021, 13, 60955-60965.	4.0	28
221	Distribution of the rare earth elements in porewaters from a clay-rich aquitard sequence, Saskatchewan, Canada. Chemical Geology, 2001, 176, 151-172.	1.4	27
222	Further study on a flow injection on-line multiplexed sorption preconcentration coupled with flame atomic absorption spectrometry for trace element determination. Talanta, 2004, 64, 758-765.	2.9	27
223	Mn-doped ZnS quantum dots/methyl violet nanohybrids for room temperature phosphorescence sensing of DNA. Science China Chemistry, 2011, 54, 1254-1259.	4.2	27
224	Ultrasonic assisted preparation of lanthanide-oleate complexes for the synthesis of multifunctional monodisperse upconversion nanoparticles for multimodal imaging. Nanoscale, 2014, 6, 8037.	2.8	27
225	Fabrication and characterization of hexahistidine-tagged protein functionalized multi-walled carbon nanotubes for selective solid-phase extraction of Cu2+ and Ni2+. Talanta, 2009, 79, 1464-1471.	2.9	26
226	Competitive aptamer bioassay for selective detection of adenosine triphosphate based on metal-paired molecular conformational switch and fluorescent gold nanoclusters. Biosensors and Bioelectronics, 2012, 36, 135-141.	5.3	26
227	Room-temperature preparation of a chiral covalent organic framework for the selective adsorption of amino acid enantiomers. RSC Advances, 2020, 10, 15383-15386.	1.7	26
228	Engineering linkage as functional moiety into irreversible thiourea-linked covalent organic framework for ultrafast adsorption of Hg(II). Journal of Hazardous Materials, 2022, 427, 128156.	6.5	26
229	A flow injection on-line displacement/sorption preconcentration and separation technique coupled with flame atomic absorption spectrometry for the determination of trace copper in complicated matrices. Journal of Analytical Atomic Spectrometry, 2002, 17, 610-615.	1.6	25
230	Evaluation of expanded graphite as on-line solid-phase extraction sorbent for high performance liquid chromatographic determination of trace levels of DDTs in water samples. Talanta, 2006, 69, 970-975.	2.9	25
231	Probing interactions of antimony species with DNA by short column capillary electrophoresis coupled with inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2011, 26, 94-99.	1.6	25
232	Functionalized gold and persistent luminescence nanoparticle-based ratiometric absorption and TR-FRET nanoplatform for high-throughput sequential detection of <scp>l</scp>-cysteine and insulin. Nanoscale, 2018, 10, 14931-14937.	2.8	25
233	pH Reversibly Switchable Nanocapsule for Bacteria-Targeting Near-Infrared Fluorescence Imaging-Guided Precision Photodynamic Sterilization. ACS Applied Materials & Interfaces, 2020, 12, 45850-45858.	4.0	25
234	Self-quenched gold nanoclusters for turn-on fluorescence imaging of intracellular glutathione. Nano Research, 2018, 11, 2488-2497.	5.8	24

#	Article	IF	Citations
235	Facile synthesis of dual-functionalized microporous organic network for efficient removal of cationic dyes from water. Microporous and Mesoporous Materials, 2020, 296, 110013.	2.2	24
236	Kinetics of indium atomization from different atomizer surfaces in electrothermal atomic absorption spectrometry (ETAAS). Talanta, 1993, 40, 1839-1846.	2.9	23
237	Rapid speciation of iron by on-line coupling of short column capillary electrophoresis and inductively coupled plasma mass spectrometry with the collision cell technique. Journal of Separation Science, 2007, 30, 916-922.	1.3	23
238	A capillary electrophoresis assay for recombinant Bacillus subtilis protoporphyrinogen oxidase. Analytical Biochemistry, 2008, 383, 200-204.	1.1	23
239	Chiral metalâ€“organic framework coated quartz crystal microbalance for chiral discrimination. RSC Advances, 2015, 5, 30577-30582.	1.7	23
240	Porous Organic Nanocages CC3 and CC3â€“OH for Chiral Gas Chromatography. ACS Applied Nano Materials, 2020, 3, 479-485.	2.4	23
241	Determination of (ultra)trace amounts of lead in biological materials by on-line coupling flow injection microcolumn separation and preconcentration to electrothermal atomic absorption spectrometry using a macrocycle immobilized silica gel sorbent. Journal of Analytical Atomic Spectrometry, 1999, 14, 1625-1629.	1.6	22
242	Persistent luminescence nanorod based luminescence resonance energy transfer aptasensor for autofluorescence-free detection of mycotoxin. Talanta, 2020, 218, 121101.	2.9	22
243	A dual-colored persistent luminescence nanosensor for simultaneous and autofluorescence-free determination of aflatoxin B1 and zearalenone. Talanta, 2021, 232, 122395.	2.9	22
244	Trace element geochemistry of a thick till and clay-rich aquitard sequence, Saskatchewan, Canada. Chemical Geology, 2000, 164, 93-120.	1.4	21
245	Green and facile synthesis of a theranostic nanoprobe with intrinsic biosafety and targeting abilities. Nanoscale, 2016, 8, 16204-16211.	2.8	21
246	Synthesis of covalently bonded boron-dipyrromethene–diarylethene for building a stable photosensitizer with photo-controlled reversibility. Chemical Communications, 2016, 52, 5470-5473.	2.2	21
247	Zeolitic imidazolate framework-8 for selective extraction of a highly active anti-oxidant flavonoid from Caragana Jubata. Journal of Chromatography A, 2018, 1544, 8-15.	1.8	21
248	A multifunctional persistent luminescent nanoprobe for imaging guided dual-stimulus responsive and triple-synergistic therapy of drug resistant tumor cells. Chemical Communications, 2019, 55, 5283-5286.	2.2	21
249	Aptamer Self-Assembly-Functionalized Nanochannels for Sensitive and Precise Detection of Chloramphenicol. Analytical Chemistry, 2021, 93, 14287-14292.	3.2	21
250	Responsive nanoplatform for persistent luminescence â€œturn-onâ€•imaging and â€œon-demandâ€•synergistic therapy of bacterial infection. Journal of Colloid and Interface Science, 2022, 610, 687-697.	5.0	21
251	Determination of substituted benzenes in water samples by fiber-in-tube liquid phase microextraction coupled with gas chromatography. Talanta, 2006, 68, 945-950.	2.9	19
252	Selective detection of trace lead in lead-free solder alloy by flow injection on-line solid-phase extraction using a macrocycle immobilized silica gel as sorbent coupled with hydride generation atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2007, 22, 1284.	1.6	19

#	Article	IF	Citations
253	Three-Dimensional Nanoporous Covalent Organic Framework-Incorporated Monolithic Columns for High-Performance Liquid Chromatography. ACS Applied Nano Materials, 2021, 4, 5437-5443.	2.4	19
254	Persistent Production of Reactive Oxygen Species with Zn₂GeO₄:Cu Nanorod-Loaded Microneedles for Methicillin-Resistant Staphylococcus Aureus Infectious Wound Healing. ACS Applied Materials & Interfaces, 2022, 14, 17142-17152.	4.0	19
255	Synergetic enhancement effect of ionic liquid and diethyldithiocarbamate on the chemical vapor generation of nickel for its atomic fluorescence spectrometric determination in biological samples. Analytica Chimica Acta, 2009, 652, 143-147.	2.6	18
256	Irreversible Amideâ€Linked Covalent Organic Framework for Selective and Ultrafast Gold Recovery. Angewandte Chemie, 2020, 132, 17760-17766.	1.6	18
257	Extracting stoichiometry, thermodynamics, and kinetics for the interaction of DNA with cadmium ion by capillary electrophoresis onâ€line coupled with electrothermal atomic absorption spectrometry. Electrophoresis, 2008, 29, 1173-1179.	1.3	16
258	Environmentally benign and cost-effective synthesis of well-aligned nanoporous PbS nanowire architectures. Journal of Materials Chemistry, 2008, 18, 4631.	6.7	16
259	Nano-sized zeolite-like metal-organic frameworks induced hematological effects on red blood cell. Journal of Hazardous Materials, 2022, 424, 127353.	6.5	16
260	Sub-20 nm sandwich-structured NaGdF4:Yb/Tm@NaLuF4:Yb/Tm@NaYF4 nanocrystals for in vivo upconversion luminescence/computed tomography imaging. RSC Advances, 2014, 4, 5088.	1.7	15
261	Facile room temperature synthesis of ultra-small sized porous organic cages for fluorescent sensing of copper ion in aqueous solution. Journal of Hazardous Materials, 2021, 416, 125860.	6.5	15
262	pHâ€Responsive Torpedoâ€Like Persistent Luminescence Nanoparticles for Autofluorescenceâ€Free Biosensing and Highâ€Level Information Encryption. Angewandte Chemie, 2021, 133, 2428-2435.	1.6	14
263	Conjugation-regulating synthesis of high photosensitizing activity porphyrin-based covalent organic frameworks for photodynamic inactivation of bacteria. Talanta, 2021, 233, 122536.	2.9	14
264	Hydroxyl-functionalized three-dimensional covalent organic framework for selective and rapid extraction of organophosphorus pesticides. Journal of Chromatography A, 2022, 1673, 463071.	1.8	14
265	Integrating Ordered Two-Dimensional Covalent Organic Frameworks to Solid-State Nanofluidic Channels for Ultrafast and Sensitive Detection of Mercury. Analytical Chemistry, 2022, 94, 8533-8538.	3.2	14
266	Gas Chromatography-Inductively Coupled Plasma-Mass Spectrometry for Mercury Speciation in Seafood. Chinese Journal of Analytical Chemistry, 2008, 36, 793-798.	0.9	13
267	Onâ€line preconcentration and enantioseparation of thalidomide racemates by CEC with the hyphenation of octyl and norvancomycin monoliths. Electrophoresis, 2009, 30, 682-688.	1.3	13
268	Dual-Emissive Persistent Luminescence Nanoparticle-Based Charge-Reversible Intelligent Nanoprobe for Persistent Luminescence-Ratio Bioimaging along with Chemo-Photothermal Synergic Therapy. Analytical Chemistry, 2021, 93, 7348-7354.	3.2	13
269	CE with onâ€line detection by ICPâ€MS for studying the competitive binding of zinc against cadmium for glutathione. Electrophoresis, 2008, 29, 4568-4574.	1.3	12
270	Vancomycinâ€Functionalized Porphyrinic Metalâ€Organic Framework PCNâ€224 with Enhanced Antibacterial Activity against Staphylococcus Aureus. Chemistry - an Asian Journal, 2021, 16, 2022-2026.	1.7	12

#	Article	IF	Citations
271	Chiral covalent organic framework-monolith as stationary phase for high-performance liquid chromatographic enantioseparation of selected amino acids. Analytical and Bioanalytical Chemistry, 2022, 414, 5255-5262.	1.9	12
272	Building-block exchange synthesis of amino-based three-dimensional covalent organic frameworks for gas chromatographic separation of isomers. Chemical Communications, 2022, 58, 8133-8136.	2.2	12
273	Flow-injection on-line sorption preconcentration in a knotted reactor for electrothermal atomic absorption spectrometric determination of ultratrace amounts of cobalt in natural waters. Laboratory Robotics and Automation, 1997, 9, 191-199.	0.3	11
274	A strong inorganic acidâ€initiated methacrylate polymerization strategy for room temperature preparation of monolithic columns for capillary electrochromatography. Electrophoresis, 2010, 31, 1666-1673.	1.3	11
275	Fabrication of anion complexes from 5,6-dihydrodiindolo[3,2-a:2â€²,3â€²-c]phenazine as a building block. CrystEngComm, 2010, 12, 3177.	1.3	11
276	Polysiloxane assisted fabrication of chiral crystal sponge coated capillary column for chiral gas chromatographic separation. Journal of Chromatography A, 2019, 1608, 460420.	1.8	11
277	Bacterial microenvironment-responsive dual-channel smart imaging-guided on-demand self-regulated photodynamic/chemodynamic synergistic sterilization and wound healing. Biomaterials Science, 2022, 10, 2907-2916.	2.6	11
278	Towards high throughput and high information coverage: advanced single-cell mass spectrometric techniques. Analytical and Bioanalytical Chemistry, 2022, 414, 219-233.	1.9	10
279	Size- and shape-dependent cytotoxicity of nano-sized Zr-based porphyrinic metal-organic frameworks to macrophages. Science of the Total Environment, 2022, 833, 155309.	3.9	10
280	A label-free near-infrared fluorescent assay for the determination of deoxyribonuclease I activity based on malachite green/G-quadruplexes. Analyst, The, 2013, 138, 2592.	1.7	9
281	Post-modification of covalent organic framework for gas chromatographic separation of isomers. Journal of Chromatography A, 2022, 1673, 463085.	1.8	9
282	Fabrication of G-quadruplex/porphyrin conjugated gold/persistent luminescence theranostic nanoprobe for imaging-guided photodynamic therapy. Talanta, 2021, 233, 122567.	2.9	8
283	In situ fabrication of microporous organic network coated capillary column for high resolution gas chromatographic separation of hydrocarbons. Electrophoresis, 2019, 40, 2186-2192.	1.3	7
284	Urea-linked covalent organic framework functionalized polytetrafluoroethylene film for selective and rapid thin film microextraction of rhodamine B. Journal of Chromatography A, 2022, 1673, 463133.	1.8	7
285	Facile Sizeâ€controllable Aqueous Synthesis of Water Soluble CdTe/Cd(OH)₂ Core/Shell Nanoparticles with Tunable Optical Property, High Quantum Yield and Good Stability. Chinese Journal of Chemistry, 2008, 26, 1848-1852.	2.6	6
286	Analyte-driven self-assembly of graphene oxide sheets onto hydroxycamptothecin-functionalized upconversion nanoparticles for the determination of type I topoisomerases in cell extracts. Analytical and Bioanalytical Chemistry, 2018, 410, 6761-6769.	1.9	6
287	Cationic Surfactantâ€Modified Covalent Organic Frameworks for Nitrate Removal from Aqueous Solution: Synthesis by Freeâ€Radical Polymerization. ChemPlusChem, 2020, 85, 828-831.	1.3	6
288	Intracellular fate and immune response of porphyrin-based nano-sized metal-organic frameworks. Chemosphere, 2022, 307, 135680.	4.2	6

#	Article	IF	Citations
289	Development of a fiber-in-tube microextraction protocol for gas chromatographyâ€“electron capture detection of hexachlorocyclohexanes in water samples. Analytica Chimica Acta, 2005, 545, 232-238.	2.6	5
290	One-step integrated sample pretreatment technique by gas-liquid microextraction (GLME) to determine multi-class pesticide residues in plant-derived foods. Food Chemistry, 2022, 367, 130774.	4.2	5
291	Kinetic studies on the mechanism of atomization in electrothermal atomic absorption spectrometry with and without chemical modifiers. Fresenius' Journal of Analytical Chemistry, 2001, 370, 1052-1060.	1.5	4
292	6â€Triphenylphosphinehexanoic Acid Conjugated Nearâ€Infrared Persistent Luminescence Nanoprobe for Autofluorescenceâ€Free Targeted Imaging of Mitochondria in Cancer Cells. ChemNanoMat, 2020, 6, 427-434.	1.5	4
293	Application of Metal-Organic Frameworks in Sample Pretreatment. Chinese Journal of Analytical Chemistry, 2013, 41, 1297.	0.9	4
294	Rational design of a dual organelle-targeted photosensitizer with dual-color emission for photodynamic therapy and cell death self-reporting. Dyes and Pigments, 2022, 203, 110315.	2.0	4
295	Nanothorn Filter-Facilitated Online Cell Lysis for Rapid and Deep Intracellular Profiling by Single-Cell Mass Spectrometry. Analytical Chemistry, 2021, 93, 15677-15686.	3.2	3
296	An Insight into Peakâ€Splitting Phenomenon in Onâ€Column Concentrationâ€Micellar Electrokinetic Capillary Chromatography for Aqueous Sample Solution. Analytical Letters, 2005, 38, 1975-1985.	1.0	2
297	Discrimination of Analytes with Fluorescent Molecular Imprinting Sensor Arrays. , 2012, , 161-173.		2
298	A unique self-reporting photosensitizer enabling simultaneous photodynamic therapy and real-time monitoring of phototheranostic process in a dynamic dual-color mode. Journal of Materials Chemistry B, 2021, 9, 9900-9907.	2.9	1