

Xiu-Ping Yan

List of Publications by Year in descending order

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298
papers

25,503
citations

4146

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8866

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308
docs citations

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times ranked

19928
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Frameworks for Analytical Chemistry: From Sample Collection to Chromatographic Separation. <i>Accounts of Chemical Research</i> , 2012, 45, 734-745.	15.6	610
2	Doped quantum dots for chemo/biosensing and bioimaging. <i>Chemical Society Reviews</i> , 2013, 42, 5489.	38.1	590
3	Functional Near Infrared-Emitting Cr ³⁺ /Pr ³⁺ Co-Doped Zinc Gallogermanate Persistent Luminescent Nanoparticles with Superlong Afterglow for <i>in Vivo</i> Targeted Bioimaging. <i>Journal of the American Chemical Society</i> , 2013, 135, 14125-14133.	13.7	578
4	Metal-organic framework MIL-100(Fe) for the adsorption of malachite green from aqueous solution. <i>Journal of Materials Chemistry</i> , 2012, 22, 7449.	6.7	489
5	Fluorescent Metal-Organic Framework MIL-53(Al) for Highly Selective and Sensitive Detection of Fe ³⁺ in Aqueous Solution. <i>Analytical Chemistry</i> , 2013, 85, 7441-7446.	6.5	469
6	Metal-Organic Framework MIL-101 for High-Resolution Gas-Chromatographic Separation of Xylene Isomers and Ethylbenzene. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1477-1480.	13.8	404
7	Surface Molecular Imprinting on Mn-Doped ZnS Quantum Dots for Room-Temperature Phosphorescence Optosensing of Pentachlorophenol in Water. <i>Analytical Chemistry</i> , 2009, 81, 1615-1621.	6.5	399
8	Facile magnetization of metal-organic framework MIL-101 for magnetic solid-phase extraction of polycyclic aromatic hydrocarbons in environmental water samples. <i>Analyst, The</i> , 2012, 137, 3445.	3.5	390
9	Bottom-up synthesis of chiral covalent organic frameworks and their bound capillaries for chiral separation. <i>Nature Communications</i> , 2016, 7, 12104.	12.8	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. <i>Journal of the American Chemical Society</i> , 2010, 132, 13645-13647.	13.7	350
11	In Situ Hydrothermal Growth of Metal-Organic Framework 199 Films on Stainless Steel Fibers for Solid-Phase Microextraction of Gaseous Benzene Homologues. <i>Analytical Chemistry</i> , 2009, 81, 9771-9777.	6.5	347
12	Conjugation of Glucose Oxidase onto Mn-Doped ZnS Quantum Dots for Phosphorescent Sensing of Glucose in Biological Fluids. <i>Analytical Chemistry</i> , 2010, 82, 1427-1433.	6.5	330
13	An Ion-Imprinted Functionalized Silica Gel Sorbent Prepared by a Surface Imprinting Technique Combined with a Sol-Gel Process for Selective Solid-Phase Extraction of Cadmium(II). <i>Analytical Chemistry</i> , 2005, 77, 1734-1739.	6.5	309
14	Metal-Organic Framework MIL-101(Cr) for High-Performance Liquid Chromatographic Separation of Substituted Aromatics. <i>Analytical Chemistry</i> , 2011, 83, 7144-7150.	6.5	307
15	Controllable preparation of core-shell magnetic covalent-organic framework nanospheres for efficient adsorption and removal of bisphenols in aqueous solution. <i>Chemical Communications</i> , 2017, 53, 2511-2514.	4.1	287
16	Engineering Persistent Luminescence Nanoparticles for Biological Applications: From Biosensing/Bioimaging to Theranostics. <i>Accounts of Chemical Research</i> , 2018, 51, 1131-1143.	15.6	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. <i>Journal of Chromatography A</i> , 2006, 1137, 8-14.	3.7	276
18	Graphene Oxide Based Photoinduced Charge Transfer Label-Free Near-Infrared Fluorescent Biosensor for Dopamine. <i>Analytical Chemistry</i> , 2011, 83, 8787-8793.	6.5	275

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19	Metal-Organic-Framework-Based Tandem Molecular Sieves as a Dual Platform for Selective Microextraction and High-Resolution Gas Chromatographic Separation of <i>n</i> -Alkanes in Complex Matrixes. <i>Analytical Chemistry</i> , 2011, 83, 7094-7101.	6.5	267
20	Fluorescence Resonance Energy Transfer Inhibition Assay for β -Fetoprotein Excreted during Cancer Cell Growth Using Functionalized Persistent Luminescence Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 686-688.	13.7	248
21	MOF-5 Metal-Organic Framework as Sorbent for In-Field Sampling and Preconcentration in Combination with Thermal Desorption GC/MS for Determination of Atmospheric Formaldehyde. <i>Analytical Chemistry</i> , 2010, 82, 1365-1370.	6.5	245
22	Zeolitic Imidazolate Framework-8 for Fast Adsorption and Removal of Benzotriazoles from Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9837-9842.	8.0	243
23	Exploring Mn-Doped ZnS Quantum Dots for the Room-Temperature Phosphorescence Detection of Enoxacin in Biological Fluids. <i>Analytical Chemistry</i> , 2008, 80, 3832-3837.	6.5	235
24	Facile room-temperature solution-phase synthesis of a spherical covalent organic framework for high-resolution chromatographic separation. <i>Chemical Communications</i> , 2015, 51, 12254-12257.	4.1	232
25	Amine-Functionalized Magnetic Nanoparticles for Rapid Capture and Removal of Bacterial Pathogens. <i>Environmental Science & Technology</i> , 2010, 44, 7908-7913.	10.0	226
26	Near Infrared Fluorescent Trypsin Stabilized Gold Nanoclusters as Surface Plasmon Enhanced Energy Transfer Biosensor and in Vivo Cancer Imaging Bioprobe. <i>Analytical Chemistry</i> , 2013, 85, 3238-3245.	6.5	225
27	Preparation and evaluation of a molecularly imprinted sol-gel material for on-line solid-phase extraction coupled with high performance liquid chromatography for the determination of trace pentachlorophenol in water samples. <i>Journal of Chromatography A</i> , 2005, 1100, 131-136.	3.7	224
28	High-Crystallinity Covalent Organic Framework with Dual Fluorescence Emissions and Its Ratiometric Sensing Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 24999-25005.	8.0	224
29	Advances in covalent organic frameworks in separation science. <i>Journal of Chromatography A</i> , 2018, 1542, 1-18.	3.7	213
30	A Multidimensional Sensing Device for the Discrimination of Proteins Based on Manganese-Doped ZnS Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8118-8121.	13.8	208
31	CdTe Quantum Dots (QDs) Based Kinetic Discrimination of Fe ²⁺ and Fe ³⁺ , and CdTe QDs-Fenton Hybrid System for Sensitive Photoluminescent Detection of Fe ²⁺ . <i>Analytical Chemistry</i> , 2009, 81, 6252-6257.	6.5	204
32	Dual-stimuli responsive and reversibly activatable theranostic nanoprobe for precision tumor-targeting and fluorescence-guided photothermal therapy. <i>Nature Communications</i> , 2017, 8, 14998.	12.8	204
33	An Imprinted Organic-Inorganic Hybrid Sorbent for Selective Separation of Cadmium from Aqueous Solution. <i>Analytical Chemistry</i> , 2004, 76, 453-457.	6.5	201
34	Probing the Adsorption Characteristic of Metal-Organic Framework MIL-101 for Volatile Organic Compounds by Quartz Crystal Microbalance. <i>Environmental Science & Technology</i> , 2011, 45, 4490-4496.	10.0	197
35	Metal-organic frameworks for efficient enrichment of peptides with simultaneous exclusion of proteins from complex biological samples. <i>Chemical Communications</i> , 2011, 47, 4787.	4.1	196
36	Fabrication of Transferrin Functionalized Gold Nanoclusters/Graphene Oxide Nanocomposite for Turn-On Near-Infrared Fluorescent Bioimaging of Cancer Cells and Small Animals. <i>Analytical Chemistry</i> , 2013, 85, 2529-2535.	6.5	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. <i>Analytica Chimica Acta</i> , 2006, 559, 234-239.	5.4	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. <i>Journal of Chromatography A</i> , 2013, 1304, 28-33.	3.7	177
39	Photoactivated CdTe/CdSe Quantum Dots as a Near Infrared Fluorescent Probe for Detecting Biothiols in Biological Fluids. <i>Analytical Chemistry</i> , 2009, 81, 5001-5007.	6.5	175
40	Irreversible Amide-Linked Covalent Organic Framework for Selective and Ultrafast Gold Recovery. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17607-17613.	13.8	174
41	Fabrication of ZIF@SiO ₂ Core-Shell Microspheres as the Stationary Phase for High-Performance Liquid Chromatography. <i>Chemistry - A European Journal</i> , 2013, 19, 13484-13491.	3.3	170
42	Cationic Covalent Organic Nanosheets for Rapid and Selective Capture of Perrhenate: An Analogue of Radioactive Perchnetate from Aqueous Solution. <i>Environmental Science & Technology</i> , 2019, 53, 5212-5220.	10.0	160
43	Covalent bonding of zeolitic imidazolate framework-90 to functionalized silica fibers for solid-phase microextraction. <i>Chemical Communications</i> , 2013, 49, 2142.	4.1	157
44	Fabrication of metal-organic framework MIL-88B films on stainless steel fibers for solid-phase microextraction of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 2014, 1334, 1-8.	3.7	153
45	Adsorption and Separation of Xylene Isomers and Ethylbenzene on Two Zn-Terephthalate Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2010, 114, 311-316.	3.1	152
46	Hydrofluoric Acid Etched Stainless Steel Wire for Solid-Phase Microextraction. <i>Analytical Chemistry</i> , 2009, 81, 4971-4977.	6.5	149
47	A versatile covalent organic framework-based platform for sensing biomolecules. <i>Chemical Communications</i> , 2017, 53, 11469-11471.	4.1	148
48	Antigen-Directed Fabrication of a Multifunctional Nanovaccine with Ultrahigh Antigen Loading Efficiency for Tumor Photothermal-Immunotherapy. <i>Advanced Materials</i> , 2018, 30, 1704408.	21.0	143
49	Discrimination of Saccharides with a Fluorescent Molecular Imprinting Sensor Array Based on Phenylboronic Acid Functionalized Mesoporous Silica. <i>Analytical Chemistry</i> , 2009, 81, 5273-5280.	6.5	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. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 2637-2648.	3.9	140
51	Metal-organic framework UiO-66 coated stainless steel fiber for solid-phase microextraction of phenols in water samples. <i>Journal of Chromatography A</i> , 2014, 1357, 165-171.	3.7	140
52	Exploring reverse shape selectivity and molecular sieving effect of metal-organic framework UIO-66 coated capillary column for gas chromatographic separation. <i>Journal of Chromatography A</i> , 2012, 1257, 116-124.	3.7	136
53	Gadolinium Complexes Functionalized Persistent Luminescent Nanoparticles as a Multimodal Probe for Near-Infrared Luminescence and Magnetic Resonance Imaging <i>in Vivo</i> . <i>Analytical Chemistry</i> , 2014, 86, 4096-4101.	6.5	136
54	pH Switchable Nanoplatform for In Vivo Persistent Luminescence Imaging and Precise Photothermal Therapy of Bacterial Infection. <i>Advanced Functional Materials</i> , 2020, 30, 1909042.	14.9	136

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55	Fabrication of vascular endothelial growth factor antibody bioconjugated ultrasmall near-infrared fluorescent Ag ₂ S quantum dots for targeted cancer imaging in vivo. <i>Chemical Communications</i> , 2013, 49, 3324.	4.1	130
56	Fabrication of Isoreticular Metal-Organic Framework Coated Capillary Columns for High-Resolution Gas Chromatographic Separation of Persistent Organic Pollutants. <i>Analytical Chemistry</i> , 2011, 83, 5093-5100.	6.5	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. <i>Journal of Chromatography A</i> , 2006, 1116, 172-178.	3.7	127
58	Fabrication of Multifunctional Gd ₂ O ₃ /Au Hybrid Nanoprobe via a One-Step Approach for Near-Infrared Fluorescence and Magnetic Resonance Multimodal Imaging in Vivo. <i>Analytical Chemistry</i> , 2013, 85, 8436-8441.	6.5	123
59	Preparation, Characterization, and Application of Cysteine Functionalized Multiwalled Carbon Nanotubes as a Selective Sorbent for Separation and Preconcentration of Heavy Metals. <i>Advanced Functional Materials</i> , 2008, 18, 1536-1543.	14.9	122
60	Ionic strength and pH reversible response of visible and near-infrared fluorescence of graphene oxide nanosheets for monitoring the extracellular pH. <i>Chemical Communications</i> , 2011, 47, 3135.	4.1	121
61	High-performance liquid chromatographic separation of position isomers using metal-organic framework MIL-53(Al) as the stationary phase. <i>Analyst</i> , 2012, 137, 133-139.	3.5	121
62	A dehydration and stabilizer-free approach to production of stable water dispersions of graphene nanosheets. <i>Journal of Materials Chemistry</i> , 2010, 20, 4328.	6.7	119
63	Fabrication of Graphene Oxide Nanosheets Incorporated Monolithic Column via One-Step Room Temperature Polymerization for Capillary Electrochromatography. <i>Analytical Chemistry</i> , 2012, 84, 39-44.	6.5	119
64	Incorporation of metal-organic framework UiO-66 into porous polymer monoliths to enhance the liquid chromatographic separation of small molecules. <i>Chemical Communications</i> , 2013, 49, 7162.	4.1	118
65	High-Performance Separation of Fullerenes on Metal-Organic Framework MIL-101(Cr). <i>Chemistry - A European Journal</i> , 2011, 17, 11734-11737.	3.3	112
66	Room-Temperature Phosphorescent Discrimination of Catechol from Resorcinol and Hydroquinone Based on Sodium Tripolyphosphate Capped Mn-Doped ZnS Quantum Dots. <i>Analytical Chemistry</i> , 2013, 85, 1920-1925.	6.5	110
67	Self-Assembly of Mn-Doped ZnS Quantum Dots/Octa(3-aminopropyl)octasilsequioxane Octahydrochloride Nanohybrids for Optosensing DNA. <i>Chemistry - A European Journal</i> , 2009, 15, 5436-5440.	3.3	108
68	Metal-organic framework MIL-100(Fe) as the stationary phase for both normal-phase and reverse-phase high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1274, 137-144.	3.7	106
69	Facile Synthesis of Uniform-Sized Bismuth Nanoparticles for CT Visualization of Gastrointestinal Tract in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12720-12726.	8.0	106
70	Chemical Redox Modulation of the Surface Chemistry of CdTe Quantum Dots for Probing Ascorbic Acid in Biological Fluids. <i>Small</i> , 2009, 5, 2012-2018.	10.0	105
71	Metal-organic framework-801 for efficient removal of fluoride from water. <i>Microporous and Mesoporous Materials</i> , 2018, 259, 163-170.	4.4	105
72	Post-synthetic modification of metal-organic frameworks for chiral gas chromatography. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17861-17866.	10.3	105

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73	Emerging porous materials in confined spaces: from chromatographic applications to flow chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 2566-2595.	38.1	103
74	Ratiometric Fluorescent Detection of Phosphate in Aqueous Solution Based on Near Infrared Fluorescent Silver Nanoclusters/Metal-Organic Shell Composite. <i>Analytical Chemistry</i> , 2015, 87, 11455-11459.	6.5	102
75	Synthesis of functionalized triple-doped zinc gallogermanate nanoparticles with superlong near-infrared persistent luminescence for long-term orally administrated bioimaging. <i>Nanoscale</i> , 2016, 8, 14965-14970.	5.6	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. <i>Analytical Chemistry</i> , 2002, 74, 2162-2166.	6.5	97
77	A Chiral Metal-Organic Material that Enables Enantiomeric Identification and Purification. <i>CheM</i> , 2017, 3, 281-289.	11.7	97
78	Carboxyl-Functionalized Covalent Organic Frameworks for the Adsorption and Removal of Triphenylmethane Dyes. <i>ACS Applied Nano Materials</i> , 2019, 2, 7290-7298.	5.0	97
79	Probing Mercury Species-DNA Interactions by Capillary Electrophoresis with On-Line Electrothermal Atomic Absorption Spectrometric Detection. <i>Analytical Chemistry</i> , 2006, 78, 6115-6120.	6.5	94
80	Multimodality Molecular Imaging. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2008, 27, 48-57.	0.8	94
81	Ni ²⁺ -modulated homocysteine-capped CdTe quantum dots as a turn-on photoluminescent sensor for detecting histidine in biological fluids. <i>Biosensors and Bioelectronics</i> , 2010, 26, 485-490.	10.1	94
82	A gold nanorod based colorimetric probe for the rapid and selective detection of Cu ²⁺ ions. <i>Analyst</i> , 2011, 136, 3904.	3.5	94
83	<i>In situ</i> room-temperature fabrication of a covalent organic framework and its bonded fiber for solid-phase microextraction of polychlorinated biphenyls in aquatic products. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13249-13255.	10.3	94
84	Metal-organic frameworks for reverse-phase high-performance liquid chromatography. <i>Analyst</i> , 2012, 137, 816-818.	3.5	92
85	Activatable Multifunctional Persistent Luminescence Nanoparticle/Copper Sulfide Nanoprobe for <i>In Vivo</i> Luminescence Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32667-32674.	8.0	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. <i>Analytical Chemistry</i> , 2000, 72, 1879-1884.	6.5	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. <i>Analytical Chemistry</i> , 2013, 85, 228-234.	6.5	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. <i>Analytical Chemistry</i> , 1998, 70, 4736-4742.	6.5	87
89	Speciation of Mercury by Hydrostatically Modified Electroosmotic Flow Capillary Electrophoresis Coupled with Volatile Species Generation Atomic Fluorescence Spectrometry. <i>Analytical Chemistry</i> , 2003, 75, 1726-1732.	6.5	85
90	Simultaneous Determination of Trace Cadmium and Arsenic in Biological Samples by Hydride Generation-Double Channel Atomic Fluorescence Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 1525-1529.	6.5	84

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91	Cloud point extraction for high-performance liquid chromatographic speciation of Cr(III) and Cr(VI) in aqueous solutions. <i>Journal of Chromatography A</i> , 2004, 1036, 183-188.	3.7	83
92	Fabrication of molecularly imprinted hybrid monoliths <i>via</i> a room temperature ionic liquid-mediated nonhydrolytic sol-gel route for chiral separation of zolmitriptan by capillary electrochromatography. <i>Electrophoresis</i> , 2008, 29, 952-959.	2.4	83
93	An indicator-displacement assay for naked-eye detection and quantification of histidine in human urine. <i>Analyst</i> , 2012, 137, 2124.	3.5	82
94	Aqueous Layer-by-Layer Epitaxy of Type-II CdTe/CdSe Quantum Dots with Near-Infrared Fluorescence for Bioimaging Applications. <i>Small</i> , 2009, 5, 185-189.	10.0	81
95	In-Situ Growth of Covalent Organic Framework Shells on Silica Microspheres for Application in Liquid Chromatography. <i>ChemPlusChem</i> , 2017, 82, 933-938.	2.8	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1467.	3.0	78
97	Penetrating Peptide-Bioconjugated Persistent Nanophosphors for Long-Term Tracking of Adipose-Derived Stem Cells with Superior Signal-to-Noise Ratio. <i>Analytical Chemistry</i> , 2016, 88, 4114-4121.	6.5	78
98	Human Serum Albumin-Mercurial Species Interactions. <i>Journal of Proteome Research</i> , 2007, 6, 2277-2286.	3.7	77
99	A Dual-Targeting Upconversion Nanoplatfor for Two-Color Fluorescence Imaging-Guided Photodynamic Therapy. <i>Analytical Chemistry</i> , 2014, 86, 3263-3267.	6.5	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. <i>Journal of Chromatography A</i> , 2015, 1393, 1-7.	3.7	74
101	Methacrylate-bonded covalent-organic framework monolithic columns for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1479, 137-144.	3.7	74
102	Molecularly-imprinted monoliths for sample treatment and separation. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 39, 207-217.	11.4	72
103	Conjugation of a photosensitizer to near infrared light renewable persistent luminescence nanoparticles for photodynamic therapy. <i>Chemical Communications</i> , 2016, 52, 13303-13306.	4.1	72
104	A simple chemical etching strategy to generate anion-imprinted sites on the surface of quantum dots for selective fluorescence turn-on detecting of metal ions. <i>Chemical Communications</i> , 2010, 46, 7046.	4.1	70
105	On-line coupling of flow injection displacement sorption preconcentration to high-performance liquid chromatography for speciation analysis of mercury in seafood. <i>Journal of Chromatography A</i> , 2004, 1036, 119-125.	3.7	69
106	Cloud point extraction preconcentration for capillary electrophoresis of metal ions. <i>Analytica Chimica Acta</i> , 2004, 507, 199-204.	5.4	69
107	Synthesis and characterization of indolocarbazole-quinoxalines with flat rigid structure for sensing fluoride and acetate anions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1751.	2.8	69
108	Liposome-Coated Persistent Luminescence Nanoparticles as Luminescence Trackable Drug Carrier for Chemotherapy. <i>Analytical Chemistry</i> , 2017, 89, 6936-6939.	6.5	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1191.	3.0	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. <i>Talanta</i> , 2019, 201, 413-418.	5.5	68
111	pH-Responsive Torpedo-Like Persistent Luminescence Nanoparticles for Autofluorescence-Free Biosensing and High-Level Information Encryption. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2398-2405.	13.8	68
112	On-Line Coupling of Capillary Electrophoresis to Hydride Generation Atomic Fluorescence Spectrometry for Arsenic Speciation Analysis. <i>Analytical Chemistry</i> , 2002, 74, 3720-3725.	6.5	67
113	A fluorescent sensor array based on ion imprinted mesoporous silica. <i>Biosensors and Bioelectronics</i> , 2009, 24, 3316-3321.	10.1	67
114	Layer-by-layer preparation of 3D covalent organic framework/silica composites for chromatographic separation of position isomers. <i>Chemical Communications</i> , 2018, 54, 11765-11768.	4.1	67
115	Silica-Coated S ²⁺ -Enriched Manganese-Doped ZnS Quantum Dots as a Photoluminescence Probe for Imaging Intracellular Zn ²⁺ Ions. <i>Analytical Chemistry</i> , 2011, 83, 8239-8244.	6.5	66
116	Mimicking Drug-Substrate Interaction: A Smart Bioinspired Technology for the Fabrication of Theranostic Nanoprobes. <i>Advanced Functional Materials</i> , 2017, 27, 1603440.	14.9	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. <i>Talanta</i> , 2019, 204, 224-228.	5.5	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. <i>Talanta</i> , 2020, 206, 120179.	5.5	66
119	Bioconjugated persistent luminescence nanoparticles for Förster resonance energy transfer immunoassay of prostate specific antigen in serum and cell extracts without in situ excitation. <i>Chemical Communications</i> , 2015, 51, 3903-3906.	4.1	65
120	Control of the Coordination Status of the Open Metal Sites in Metal-Organic Frameworks for High Performance Separation of Polar Compounds. <i>Langmuir</i> , 2012, 28, 6794-6802.	3.5	64
121	A Dual-Functional Persistently Luminescent Nanocomposite Enables Engineering of Mesenchymal Stem Cells for Homing and Gene Therapy of Glioblastoma. <i>Advanced Functional Materials</i> , 2017, 27, 1604992.	14.9	64
122	Factors affecting the stability of inorganic and methylmercury during sample storage. <i>TrAC - Trends in Analytical Chemistry</i> , 2003, 22, 245-253.	11.4	63
123	Vapour generation atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1994, 291, 89-105.	5.4	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. <i>Analytical Chemistry</i> , 2003, 75, 2251-2255.	6.5	62
125	Facile Shape-Controlled Synthesis of Well-Aligned Nanowire Architectures in Binary Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7659-7663.	13.8	62
126	Metal-organic framework polymethyl methacrylate composites for open-tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2013, 1316, 97-103.	3.7	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. <i>Journal of Separation Science</i> , 2014, 37, 1489-1495.	2.5	59
128	Radiopaque tantalum oxide coated persistent luminescent nanoparticles as multimodal probes for in vivo near-infrared luminescence and computed tomography bioimaging. <i>Nanoscale</i> , 2015, 7, 17929-17937.	5.6	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. <i>Journal of Analytical Atomic Spectrometry</i> , 1999, 14, 215-221.	3.0	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. <i>TrAC - Trends in Analytical Chemistry</i> , 2001, 20, 552-562.	11.4	58
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