

Guozhen Fang

List of Publications by Year in descending order

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160
papers

5,108
citations

76196

40
h-index

133063

59
g-index

160
all docs

160
docs citations

160
times ranked

5307
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiwalled carbon nanotubes as sorbent for on-line coupling of solid-phase extraction to high-performance liquid chromatography for simultaneous determination of 10 sulfonamides in eggs and pork. <i>Journal of Chromatography A</i> , 2006, 1127, 12-17.	1.8	187
2	One-pot synthesis of nanoscale carbon dots-embedded metal-organic frameworks at room temperature for enhanced chemical sensing. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15880-15887.	5.2	133
3	Carbon dots embedded metal-organic framework@molecularly imprinted nanoparticles for highly sensitive and selective detection of quercetin. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 321-327.	4.0	117
4	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. <i>Biosensors and Bioelectronics</i> , 2016, 79, 341-346.	5.3	108
5	N-Methylimidazolium ionic liquid-functionalized silica as a sorbent for selective solid-phase extraction of 12 sulfonylurea herbicides in environmental water and soil samples. <i>Journal of Chromatography A</i> , 2010, 1217, 1567-1574.	1.8	103
6	Fabrication of porous covalent organic frameworks as selective and advanced adsorbents for the on-line preconcentration of trace elements against the complex sample matrix. <i>Journal of Hazardous Materials</i> , 2018, 344, 220-229.	6.5	92
7	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2020, 389, 122074.	6.5	90
8	Electrochemical sensor based on molecularly imprinted polymer film via sol-gel technology and multi-walled carbon nanotubes-chitosan functional layer for sensitive determination of quinoxaline-2-carboxylic acid. <i>Biosensors and Bioelectronics</i> , 2013, 47, 475-481.	5.3	87
9	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018, 90, 9060-9067.	3.2	87
10	A molecularly imprinted electrochemiluminescence sensor based on upconversion nanoparticles enhanced by electrodeposited rGO for selective and ultrasensitive detection of clenbuterol. <i>Biosensors and Bioelectronics</i> , 2018, 102, 357-364.	5.3	86
11	Erythrocyte membrane bioinspired near-infrared persistent luminescence nanocarriers for in vivo long-circulating bioimaging and drug delivery. <i>Biomaterials</i> , 2018, 165, 39-47.	5.7	85
12	Molecularly imprinted optosensing material based on hydrophobic CdSe quantum dots via a reverse microemulsion for specific recognition of ractopamine. <i>Biosensors and Bioelectronics</i> , 2014, 55, 127-132.	5.3	80
13	Magnetic molecularly imprinted electrochemical sensors: A review. <i>Analytica Chimica Acta</i> , 2020, 1106, 1-21.	2.6	73
14	Molecularly imprinted upconversion nanoparticles for highly selective and sensitive sensing of Cytochrome c. <i>Biosensors and Bioelectronics</i> , 2015, 74, 498-503.	5.3	72
15	Emerging functional nanomaterials for the detection of food contaminants. <i>Trends in Food Science and Technology</i> , 2018, 71, 94-106.	7.8	72
16	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 386-393.	4.0	72
17	Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. <i>Biosensors and Bioelectronics</i> , 2016, 79, 359-363.	5.3	69
18	One-pot synthesis of carbon dots-embedded molecularly imprinted polymer for specific recognition of sterigmatocystin in grains. <i>Biosensors and Bioelectronics</i> , 2016, 77, 950-956.	5.3	68

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19	Molecularly imprinted polymer on ionic liquid-modified CdSe/ZnS quantum dots for the highly selective and sensitive optosensing of tocopherol. <i>Journal of Materials Chemistry</i> , 2012, 22, 19882.	6.7	66
20	Synthesis of GdAlO ₃ :Mn ⁴⁺ ,Ge ⁴⁺ @Au Core-Shell Nanoprobes with Plasmon-Enhanced Near-Infrared Persistent Luminescence for in Vivo Trimodality Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29939-29949.	4.0	65
21	A novel ionic liquid stabilized molecularly imprinted optosensing material based on quantum dots and graphene oxide for specific recognition of vitamin E. <i>Biosensors and Bioelectronics</i> , 2013, 47, 127-132.	5.3	64
22	Quartz crystal microbalance sensor based on molecularly imprinted polymer membrane and three-dimensional Au nanoparticles@mesoporous carbon CMK-3 functional composite for ultrasensitive and specific determination of citrinin. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 272-280.	4.0	63
23	Electrochemiluminescence sensor based on upconversion nanoparticles and oligoaniline-crosslinked gold nanoparticles imprinting recognition sites for the determination of dopamine. <i>Biosensors and Bioelectronics</i> , 2019, 128, 129-136.	5.3	58
24	Multiwalled Carbon Nanotubes as Matrix Solid-Phase Dispersion Extraction Absorbents To Determine 31 Pesticides in Agriculture Samples by Gas Chromatography~Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3040-3045.	2.4	54
25	Prussian blue mediated amplification combined with signal enhancement of ordered mesoporous carbon for ultrasensitive and specific quantification of metolcarb by a three-dimensional molecularly imprinted electrochemical sensor. <i>Biosensors and Bioelectronics</i> , 2015, 64, 247-254.	5.3	54
26	Guanidinium functionalized superparamagnetic silica spheres for selective enrichment of phosphopeptides and intact phosphoproteins from complex mixtures. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1048-1058.	2.9	53
27	A signal-amplified ratiometric fluorescence biomimetic sensor based on the synergistic effect of IFE and AE for the visual smart monitoring of oxytetracycline. <i>Chemical Engineering Journal</i> , 2022, 433, 134499.	6.6	53
28	Molecularly imprinted quartz crystal microbalance sensor based on poly(o-aminothiophenol) membrane and Au nanoparticles for ractopamine determination. <i>Biosensors and Bioelectronics</i> , 2014, 51, 286-292.	5.3	52
29	Intracellular Fenton reaction based on mitochondria-targeted copper(II)-peptide complex for induced apoptosis. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4008-4016.	2.9	51
30	Molecularly imprinted electrochemical sensor based on polypyrrole/dopamine@graphene incorporated with surface molecularly imprinted polymers thin film for recognition of olaquinox. <i>Bioelectrochemistry</i> , 2020, 132, 107398.	2.4	51
31	A core-shell molecularly imprinted optical sensor based on the upconversion nanoparticles decorated with Zinc-based metal-organic framework for selective and rapid detection of octopamine. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128838.	4.0	50
32	Sensing and intracellular imaging of Zn ²⁺ based on affinity peptide using an aggregation induced emission fluorescence "switch-on" probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 289-299.	4.0	49
33	A novel molecularly imprinted polymer on CdSe/ZnS quantum dots for highly selective optosensing of mycotoxin zearalenone in cereal samples. <i>RSC Advances</i> , 2014, 4, 2764-2771.	1.7	46
34	Development and application of a quartz crystal microbalance sensor based on molecularly imprinted sol-gel polymer for rapid detection of patulin in foods. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 239-246.	4.0	46
35	Recent Progress on Luminescent Metal-Organic Framework-Involved Hybrid Materials for Rapid Determination of Contaminants in Environment and Food. <i>Polymers</i> , 2020, 12, 691.	2.0	46
36	Development and application of molecularly imprinted quartz crystal microbalance sensor for rapid detection of metolcarb in foods. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 720-728.	4.0	45

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37	Homogenous graphene oxide-peptide nanofiber hybrid hydrogel as biomimetic polysaccharide hydrolase. <i>Nanoscale</i> , 2017, 9, 18066-18074.	2.8	45
38	Electrochemiluminescent graphene quantum dots enhanced by MoS ₂ as sensing platform: a novel molecularly imprinted electrochemiluminescence sensor for 2-methyl-4-chlorophenoxyacetic acid assay. <i>Electrochimica Acta</i> , 2017, 228, 107-113.	2.6	44
39	Preparation of a novel molecularly imprinted polymer by a sol-gel process for on-line solid-phase extraction coupled with high performance liquid chromatography to detect trace enrofloxacin in fish and chicken samples. <i>Mikrochimica Acta</i> , 2009, 166, 295-302.	2.5	43
40	Multi-residue determination of organophosphorus and organochlorine pesticides in environmental samples using solid-phase extraction with cigarette filter followed by gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2012, 35, 534-540.	1.3	42
41	An ionic liquid modified dummy molecularly imprinted polymer as a solid-phase extraction material for the simultaneous determination of nine organochlorine pesticides in environmental and food samples. <i>Analytical Methods</i> , 2013, 5, 6128.	1.3	40
42	Sensitive and selective electrochemical determination of quinoxaline-2-carboxylic acid based on bilayer of novel poly(pyrrole) functional composite using one-step electro-polymerization and molecularly imprinted poly(o-phenylenediamine). <i>Analytica Chimica Acta</i> , 2014, 806, 136-143.	2.6	40
43	Protein imprinted ionic liquid polymer on the surface of multiwall carbon nanotubes with high binding capacity for lysozyme. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 239-246.	1.2	40
44	A novel ionic liquid polymer material with high binding capacity for proteins. <i>Journal of Materials Chemistry</i> , 2012, 22, 3965.	6.7	39
45	A double responsive smart upconversion fluorescence sensing material for glycoprotein. <i>Biosensors and Bioelectronics</i> , 2016, 85, 596-602.	5.3	39
46	Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. <i>Analyst</i> , 2017, 142, 4486-4493.	1.7	39
47	A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. <i>Sensors</i> , 2018, 18, 1946.	2.1	39
48	Carboxyl-functionalized hollow polymer microspheres for detection of trace metal elements in complex food matrixes by ICP-MS assisted with solid-phase extraction. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111729.	2.9	38
49	A Novel SPME Fiber Chemically Linked with 1-Vinyl-3-hexadecylimidazolium hexafluorophosphate Ionic Liquid Coupled with GC for the Simultaneous Determination of Pyrethroids in Vegetables. <i>Chromatographia</i> , 2012, 75, 789-797.	0.7	36
50	Determination of Norfloxacin in Food by Capillary Electrophoresis Immunoassay with Laser-Induced Fluorescence Detector. <i>Food Analytical Methods</i> , 2015, 8, 596-603.	1.3	36
51	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , 2016, 8, 16851-16856.	2.8	36
52	A selectivity-enhanced ratiometric fluorescence imprinted sensor based on synergistic effect of covalent and non-covalent recognition units for ultrasensitive detection of ribavirin. <i>Journal of Hazardous Materials</i> , 2022, 421, 126748.	6.5	35
53	Molecularly imprinted biomimetic QCM sensor involving a poly(amidoamine) dendrimer as a functional monomer for the highly selective and sensitive determination of methimazole. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 588-595.	4.0	34
54	A Novel Poly(ionic liquid) Interface-Free Two-Dimensional Monolithic Material for the Separation of Multiple Types of Glycoproteins. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 20430-20437.	4.0	33

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55	Imprinting of molecular recognition sites combined with I ⁻ -donor-acceptor interactions using bis-aniline-crosslinked Au-CdSe/ZnS nanoparticles array on electrodes: Development of electrochemiluminescence sensor for the ultrasensitive and selective detection of 2-methyl-4-chlorophenoxyacetic acid. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1134-1143.	5.3	32
56	Rapid Determination of Metolcarb Residues in Foods Using a Biomimetic Enzyme-Linked Immunosorbent Assay Employing a Novel Molecularly Imprinted Polymer Film as Artificial Antibody. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 453-458.	0.7	31
57	Preparation and evaluation of novel surface molecularly imprinted polymers by sol-gel process for online solid-phase extraction coupled with high performance liquid chromatography to detect trace patulin in fruit derived products. <i>RSC Advances</i> , 2016, 6, 54510-54517.	1.7	30
58	Development of an Enzyme-Linked Immunosorbent Assay for the Detection of Tyramine as an Index of Freshness in Meat and Seafood. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8944-8949.	2.4	30
59	CLVFFA-Functionalized Gold Nanoclusters Inhibit A β 240 Fibrillation, Fibrils TM Prolongation, and Mature Fibrils TM Disaggregation. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4633-4642.	1.7	30
60	Preparation, characterization, and application of a new thiol-functionalized ionic liquid for highly selective extraction of Cd(II). <i>Mikrochimica Acta</i> , 2010, 171, 305-311.	2.5	29
61	Simultaneous Determination of Banned Acid Orange Dyes and Basic Orange Dyes in Foodstuffs by Liquid Chromatography-Tandem Electrospray Ionization Mass Spectrometry via Negative/Positive Ion Switching Mode. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3834-3841.	2.4	29
62	Fluorescent Sensing Probe for the Sensitive Detection of Histamine Based on Molecular Imprinting Ionic Liquid-Modified Quantum Dots. <i>Food Analytical Methods</i> , 2017, 10, 2585-2592.	1.3	29
63	Substitution of Antibody with Molecularly Imprinted Film in Enzyme-Linked Immunosorbent Assay for Determination of Trace Ractopamine in Urine and Pork Samples. <i>Food Analytical Methods</i> , 2011, 4, 590-597.	1.3	28
64	Electrochemical sensor using methimazole imprinted polymer sensitized with MWCNTs and Salen-Co(III) as recognition element. <i>Biosensors and Bioelectronics</i> , 2012, 31, 11-16.	5.3	27
65	AuNP-peptide probe for caspase-3 detection in living cells by SERS. <i>Analyst, The</i> , 2019, 144, 1275-1281.	1.7	27
66	Analysis of steroidal estrogen residues in food and environmental samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 1-25.	1.8	26
67	Multiwalled Carbon Nanotubes as SPE Adsorbents for Simultaneous Determination of Seven Sulfonylurea Herbicides in Environmental Water by LC-MS-MS. <i>Chromatographia</i> , 2010, 72, 403-409.	0.7	26
68	Highly selective capture of phosphopeptides using a nano titanium dioxide-multiwalled carbon nanotube nanocomposite. <i>Analytical Biochemistry</i> , 2012, 423, 210-217.	1.1	26
69	Production of multi-walled carbon nanotube/poly(aminoamide) dendrimer hybrid and its application to piezoelectric immunosensing for metolcarb. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 949-956.	4.0	26
70	Highly Selective Fluorescent Sensing of Proteins Based on a Fluorescent Molecularly Imprinted Nanosensor. <i>Sensors</i> , 2013, 13, 12994-13004.	2.1	26
71	Application of Molecularly Imprinted Polymer Appended onto CdSe/ZnS Quantum Dots for Optosensing of Tocopherol in Rice. <i>Food Analytical Methods</i> , 2014, 7, 1443-1450.	1.3	26
72	Preparation of a semicovalent, molecularly surface imprinted polymer for the rapid determination of trace acid orange II in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6353-6363.	1.9	25

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73	Facile synthesis of graphene doped poly(ionic liquid) boronate affinity material for specific capture of glycoproteins. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5229.	2.9	25
74	Persistent Luminescence Nanophosphor Involved Near-Infrared Optical Bioimaging for Investigation of Foodborne Probiotics Biodistribution in Vivo: A Proof-of-Concept Study. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 8229-8240.	2.4	25
75	Influence of <i>Kluyveromyces marxianus</i> on proteins, peptides, and amino acids in <i>Lactobacillus</i> -fermented milk. <i>Food Science and Biotechnology</i> , 2017, 26, 739-748.	1.2	25
76	Design of Cyclic Peptide Based Glucose Receptors and Their Application in Glucose Sensing. <i>Analytical Chemistry</i> , 2017, 89, 10431-10438.	3.2	25
77	Spherical covalent organic frameworks as advanced adsorbents for preconcentration and separation of phenolic endocrine disruptors, followed by high performance liquid chromatography. <i>RSC Advances</i> , 2018, 8, 26880-26887.	1.7	25
78	An electrodeposited molecularly imprinted quartz crystal microbalance sensor sensitized with AuNPs and rGO material for highly selective and sensitive detection of amantadine. <i>RSC Advances</i> , 2018, 8, 6600-6607.	1.7	24
79	A molecularly imprinted fluorescence nanosensor based on upconversion metal-organic frameworks for alpha-cypermethrin specific recognition. <i>Mikrochimica Acta</i> , 2020, 187, 632.	2.5	24
80	A dual-recognition molecularly imprinted electrochemiluminescence sensor based on g-C ₃ N ₄ nanosheets sensitized by electrodeposited rGO-COOH for sensitive and selective detection of tyramine. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127901.	4.0	24
81	Determination of As(III) and As(V) in water samples by flow injection online sorption preconcentration coupled to hydride generation atomic fluorescence spectrometry. <i>Mikrochimica Acta</i> , 2009, 165, 135-141.	2.5	23
82	Tandem solid phase extraction coupled to LC-ESI-MS/MS for the accurate simultaneous determination of five heterocyclic aromatic amines in processed meat products. <i>European Food Research and Technology</i> , 2012, 234, 197-205.	1.6	23
83	Near-infrared-emitting persistent luminescent nanoparticles modified with gold nanorods as multifunctional probes for detection of arsenic(III). <i>Mikrochimica Acta</i> , 2019, 186, 197.	2.5	23
84	Identification of mouldy rice using an electronic nose combined with SPME-GC/MS. <i>Journal of Stored Products Research</i> , 2022, 95, 101921.	1.2	23
85	Covalent molecularly imprinted electrochemical sensor modulated by borate ester bonds for hygromycin B detection based on the synergistic signal amplification of Cu-MOF and MXene. <i>Food Chemistry</i> , 2022, 383, 132382.	4.2	23
86	Highly sensitive and selective novel core-shell molecularly imprinted polymer based on NaYF ₄ : Yb ³⁺ , Er ³⁺ upconversion fluorescent nanorods. <i>RSC Advances</i> , 2013, 3, 3825.	1.7	22
87	Sensitive and selective electrochemical aptasensor via diazonium-coupling reaction for label-free determination of oxytetracycline in milk samples. <i>Sensors and Actuators Reports</i> , 2020, 2, 100009.	2.3	22
88	Portable and on-site electrochemical sensor based on surface molecularly imprinted magnetic covalent organic framework for the rapid detection of tetracycline in food. <i>Food Chemistry</i> , 2022, 395, 133532.	4.2	22
89	Fingerprint Analysis of <i>Ginkgo biloba</i> Leaves and Related Health Foods by High-Performance Liquid Chromatography/Electrospray Ionization-Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 1798-1805.	0.7	21
90	Label-free impedimetric immunosensor based on one-step co-electrodeposited poly-(pyrrole-co-pyrrole-1-propionic acid) and reduced graphene oxide polymer modified layer for the determination of melamine. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 571-578.	4.0	21

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91	Ratiometric determination of Cr(VI) based on a dual-emission fluorescent nanoprobe using carbon quantum dots and a smartphone app. <i>Mikrochimica Acta</i> , 2021, 188, 89.	2.5	21
92	On-Line SPE Coupled with LC for Analysis of Traces of Sudan Dyes in Foods. <i>Chromatographia</i> , 2010, 71, 397-403.	0.7	20
93	An ionic liquid improved HPLC-ICP-MS method for simultaneous determination of arsenic and selenium species in animal/plant-derived foodstuffs. <i>Analytical Methods</i> , 2015, 7, 8617-8625.	1.3	20
94	Electrochemistry and electrochemiluminescence of copper metal cluster. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 116-122.	1.9	20
95	A Molecularly Imprinted Polymer Capped Nitrogen-Doped Graphene Quantum Dots System for Sensitive Determination of Tetracycline in Animal-Derived Food. <i>ChemistrySelect</i> , 2020, 5, 839-846.	0.7	20
96	Study on biological activities of <i>Physalis alkekengi</i> var. <i>francheti</i> polysaccharide. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1593-1598.	1.7	19
97	Development of a Biomimetic Enzyme-Linked Immunosorbent Assay Method for the Determination of Methimazole in Urine Sample. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 463-469.	0.8	19
98	A triple-dimensional sensing chip for discrimination of eight antioxidants based on quantum dots and graphene. <i>Biosensors and Bioelectronics</i> , 2015, 74, 313-317.	5.3	19
99	Rapid detection of six phosphodiesterase type 5 enzyme inhibitors in healthcare products using thin-layer chromatography and surface enhanced Raman spectroscopy combined with BP neural network. <i>Journal of Separation Science</i> , 2017, 40, 2506-2514.	1.3	19
100	Molecularly imprinted electrodeposition o-aminothiophenol sensor for selective and sensitive determination of amantadine in animal-derived foods. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 32-39.	4.0	19
101	Probing the structure-activity relationship of a novel artificial cellobiose hydrolase. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5225-5233.	2.9	18
102	Advanced analytical methods and sample preparation for ion chromatography techniques. <i>RSC Advances</i> , 2015, 5, 58713-58726.	1.7	17
103	Preparation and Evaluation of Core-Shell Magnetic Molecularly Imprinted Polymers for Solid-Phase Extraction and Determination of Sterigmatocystin in Food. <i>Polymers</i> , 2017, 9, 546.	2.0	17
104	Fabrication of mesoporous La ₃ Ga ₅ GeO ₁₄ :Cr ³⁺ , Zn ²⁺ persistent luminescence nanocarriers with super-long afterglow for bioimaging-guided <i>in vivo</i> drug delivery to the gut. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1479-1488.	2.9	17
105	A "signal on/off"-biomimetic electrochemiluminescence sensor using titanium carbide nanodots as co-reaction accelerator for ultra-sensitive detection of ciprofloxacin. <i>Analytica Chimica Acta</i> , 2022, 1206, 339690.	2.6	17
106	Enzyme mimics based membrane reactor for di(2-ethylhexyl) phthalate degradation. <i>Journal of Hazardous Materials</i> , 2021, 403, 123873.	6.5	16
107	A novel electrochemiluminescence sensor based on MXene and sodium ascorbate coordinated amplification CNNs signal strategy for ultrasensitive and selective determination of histamine. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130790.	4.0	16
108	Highly Selective Determination of Chrysoidine in Foods Through a Surface Molecularly Imprinted Sol-Gel Polymer Solid-Phase Extraction Coupled with HPLC. <i>Food Analytical Methods</i> , 2014, 7, 345-351.	1.3	15

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109	Upconversion Nanophosphor-Involvement Molecularly Imprinted Fluorescent Polymers for Sensitive and Specific Recognition of Sterigmatocystin. <i>Polymers</i> , 2017, 9, 299.	2.0	15
110	Molecularly imprinted polymer based on upconversion nanoparticles for highly selective and sensitive determination of Ochratoxin A. <i>Journal of Central South University</i> , 2019, 26, 515-523.	1.2	15
111	Degradation of phthalic acid esters (PAEs) by an enzyme mimic and its application in the degradation of intracellular DEHP. <i>Chemical Communications</i> , 2019, 55, 13458-13461.	2.2	15
112	Nano-crystalline cellulose-coated magnetic nanoparticles for affinity adsorption of glycoproteins. <i>Analyst</i> , 2020, 145, 3407-3413.	1.7	15
113	Preparation of a molecularly imprinted polymer using TMB as a dummy template and its application as SPE sorbent for determination of six PBBs in water and fish samples. <i>Analytical Methods</i> , 2011, 3, 393-399.	1.3	14
114	Electrochemical sensor based on a bilayer of PPY@MWCNTs@BiCoPc composite and molecularly imprinted PoAP for sensitive recognition and determination of metolcarb. <i>RSC Advances</i> , 2015, 5, 11498-11505.	1.7	14
115	L-Cysteine Functionalized Silica Gel as an Efficient Adsorbent for the Determination of Heavy Metals in Foods by ICP-MS. <i>Food Analytical Methods</i> , 2015, 8, 1785-1793.	1.3	14
116	Bifunctional supported ionic liquid-based smart films for dyes adsorption and photodegradation. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 302-311.	5.0	14
117	A Colorimetric Probe Based on Functionalized Gold Nanorods for Sensitive and Selective Detection of As(III) Ions. <i>Sensors</i> , 2018, 18, 2372.	2.1	14
118	Preparation of novel anionic polymeric ionic liquid materials and their potential application to protein adsorption. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6339-6347.	2.9	13
119	Construction of Persistent Luminescence-Plastic Antibody Hybrid Nanoprobe for In Vivo Recognition and Clearance of Pesticide Using Background-Free Nanobioimaging. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6874-6883.	2.4	13
120	A molecularly imprinted electrochemical sensor based on cationic intercalated two-dimensional titanium carbide nanosheets for sensitive and selective detection of triclosan in food samples. <i>Food Control</i> , 2022, 132, 108532.	2.8	13
121	Design of metalloenzyme mimics based on self-assembled peptides for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2022, 428, 128262.	6.5	13
122	Development of a Solid-Phase Extraction-Enzyme-Linked Immunosorbent Assay Method with a New Sorbent of Multiwall Carbon Nanotube for the Determination of Estrone in Water. <i>Analytical Letters</i> , 2007, 40, 2338-2350.	1.0	12
123	An enzyme-linked immunosorbent assay for the determination of tribenuron-methyl in water and soil using a molecularly imprinted film as an artificial antibody. <i>Analytical Methods</i> , 2013, 5, 5677.	1.3	12
124	A novel C18 reversed phase organic-silica hybrid cationic monolithic capillary column with an ionic liquid as an organic monomer via a one-pot approach for capillary electrochromatography. <i>RSC Advances</i> , 2014, 4, 15518-15525.	1.7	12
125	Rapid detection of <i>Pericarpium papaveris</i> in hot pot condiments using thin-layer chromatography and surface enhanced Raman spectroscopy combined with a support vector machine. <i>Analytical Methods</i> , 2017, 9, 2177-2182.	1.3	12
126	Capillary electrochromatography immunoassay for alpha-fetoprotein based on poly(guanidinium ionic) Tj ETQq0 0 Q rrgBT /Overlock 10 T	1.1	12

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127	Specific recognition of ribavirin in animal-derived foods by high performance liquid chromatography combined with magnetic solid-phase extraction based on highly selective Zr ₃ O ₄ . Journal of Separation Science, 2019, 42, 2602-2611.	1.3	12
128	Coral-like Au ₁ Pt ₃ alloy nanoparticles with multiple surface defects modified by poly(L-methionine) membrane for the selective detection of dopamine in biological samples. Journal of Alloys and Compounds, 2020, 815, 152643.	2.8	12
129	Fluorescent methylammonium lead halide perovskite quantum dots as a sensing material for the detection of polar organochlorine pesticide residues. Analyst, The, 2020, 145, 6683-6690.	1.7	12
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