

Guozhen Fang

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153
papers

3,624
citations

35
h-index

50
g-index

160
ext. papers

4,292
ext. citations

6.2
avg, IF

5.77
L-index

#	Paper	IF	Citations
153	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, 12-7	4.5	167
152	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, 1567-74	4.5	95
151	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 341-6	11.8	89
150	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	13	87
149	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, 475-81	11.8	76
148	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, 127-32	11.8	73
147	Erythrocyte membrane bioinspired near-infrared persistent luminescence nanocarriers for in vivo long-circulating bioimaging and drug delivery. <i>Biomaterials</i> , 2018 , 165, 39-47	15.6	62
146	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	12.8	62
145	Molecularly imprinted upconversion nanoparticles for highly selective and sensitive sensing of Cytochrome c. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 498-503	11.8	61
144	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, 127-32	11.8	61
143	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	11.8	61
142	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		60
141	Highly Bright Self-Assembled Copper Nanoclusters: A Novel Photoluminescent Probe for Sensitive Detection of Histamine. <i>Analytical Chemistry</i> , 2018 , 90, 9060-9067	7.8	58
140	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	8.5	57
139	Synthesis of GdAlO:Mn,Ge@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	9.5	56
138	One-pot synthesis of carbon dots-embedded molecularly imprinted polymer for specific recognition of sterigmatocystin in grains. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 950-6	11.8	56
137	Metal-organic frameworks supported surface-imprinted nanoparticles for the sensitive detection of metolcarb. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 359-63	11.8	56

136	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	8.5	50
135	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, 3040-5	5.7	50
134	Emerging functional nanomaterials for the detection of food contaminants. <i>Trends in Food Science and Technology</i> , 2018 , 71, 94-106	15.3	50
133	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, 247-54	11.8	49
132	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	7.3	49
131	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, 286-92	11.8	46
130	Electrochemical detection of organophosphorus pesticides based on amino acids conjugated nanoenzyme modified electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 286, 386-393	8.5	42
129	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	5.8	42
128	Fluorescent peptide probes for organophosphorus pesticides detection. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122074	12.8	41
127	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	3.7	40
126	Magnetic molecularly imprinted electrochemical sensors: A review. <i>Analytica Chimica Acta</i> , 2020 , 1106, 1-21	6.6	39
125	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	8.5	38
124	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, 534-40	3.4	38
123	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	11.8	37
122	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	8.5	37
121	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	6.7	35
120	A double responsive smart upconversion fluorescence sensing material for glycoprotein. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 596-602	11.8	35
119	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, 239-46	3.2	35

118	A novel ionic liquid polymer material with high binding capacity for proteins. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3965		35
117	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	2.1	33
116	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	8.5	32
115	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, 136-43	6.6	32
114	Homogenous graphene oxide-peptide nanofiber hybrid hydrogel as biomimetic polysaccharide hydrolase. <i>Nanoscale</i> , 2017 , 9, 18066-18074	7.7	31
113	Synthesis of highly fluorescent gold nanoclusters and their use in sensitive analysis of metal ions. <i>Analyst, The</i> , 2017 , 142, 4486-4493	5	30
112	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, 453-8	1.7	30
111	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	3.2	29
110	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	7.3	28
109	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, 20430-7	9.5	28
108	Determination of Norfloxacin in Food by Capillary Electrophoresis Immunoassay with Laser-Induced Fluorescence Detector. <i>Food Analytical Methods</i> , 2015 , 8, 596-603	3.4	27
107	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	8.5	27
106	A Sensitive Electrochemical Immunosensor Based on PAMAM Dendrimer-Encapsulated Au for Detection of Norfloxacin in Animal-Derived Foods. <i>Sensors</i> , 2018 , 18,	3.8	27
105	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	5.8	27
104	Imprinting of molecular recognition sites combined with 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, 1134-43	11.8	26
103	Electrochemical sensor using methimazole imprinted polymer sensitized with MWCNTs and Salen-Co(III) as recognition element. <i>Biosensors and Bioelectronics</i> , 2012 , 31, 11-6	11.8	26
102	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	3.4	26
101	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

100	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	8.5	25
99	Artificial hydrolase based on carbon nanotubes conjugated with peptides. <i>Nanoscale</i> , 2016 , 8, 16851-16856	5.5	25
98	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	8.5	25
97	Recent Progress on Luminescent Metal-Organic Framework-Involved Hybrid Materials for Rapid Determination of Contaminants in Environment and Food. <i>Polymers</i> , 2020 , 12,	4.5	24
96	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, 3834-41	5.7	24
95	Multiwalled Carbon Nanotubes as SPE Adsorbents for Simultaneous Determination of Seven Sulfonylurea Herbicides in Environmental Water by LCMSMS. <i>Chromatographia</i> , 2010 , 72, 403-409	2.1	24
94	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	5.6	24
93	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, 6353-63	4.4	23
92	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	3.7	22
91	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	3.4	22
90	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, 5229-5237	7.3	22
89	Highly selective capture of phosphopeptides using a nano titanium dioxide-multiwalled carbon nanotube nanocomposite. <i>Analytical Biochemistry</i> , 2012 , 423, 210-7	3.1	22
88	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	3.4	21
87	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	5.7	21
86	Highly selective fluorescent sensing of proteins based on a fluorescent molecularly imprinted nanosensor. <i>Sensors</i> , 2013 , 13, 12994-3004	3.8	21
85	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	5.8	21
84	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	3.7	20
83	Tandem solid phase extraction coupled to LCESI-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	3.4	20

82	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	3.7	20
81	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	3.7	19
80	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	5.7	19
79	Design of Cyclic Peptide Based Glucose Receptors and Their Application in Glucose Sensing. <i>Analytical Chemistry</i> , 2017 , 89, 10431-10438	7.8	18
78	On-Line SPE Coupled with LC for Analysis of Traces of Sudan Dyes in Foods. <i>Chromatographia</i> , 2010 , 71, 397-403	2.1	18
77	AuNP-peptide probe for caspase-3 detection in living cells by SERS. <i>Analyst, The</i> , 2019 , 144, 1275-1281	5	17
76	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	1.5	17
75	CLVFFA-Functionalized Gold Nanoclusters Inhibit A β 0 Fibrillation, Fibrils' Prolongation, and Mature Fibrils' Disaggregation. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4633-4642	5.7	15
74	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	5.8	15
73	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	3.2	15
72	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	8.5	15
71	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	8.5	15
70	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	4.3	15
69	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	3.4	14
68	Probing the structure-activity relationship of a novel artificial cellobiose hydrolase. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5225-5233	7.3	14
67	Fingerprint Analysis of Ginkgo biloba Leaves and Related Health Foods by High-Performance Liquid Chromatography/Electrospray Ionization-Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 1798-1805	1.7	14
66	A triple-dimensional sensing chip for discrimination of eight antioxidants based on quantum dots and graphene. <i>Biosensors and Bioelectronics</i> , 2015 , 74, 313-7	11.8	13
65	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,	4.5	13

- 64 Electrochemical sensor based on a bilayer of PPY/MWCNTs/BiCoPc composite and molecularly imprinted PoAP for sensitive recognition and determination of metolcarb. *RSC Advances*, **2015**, 5, 11498-11505¹³
- 63 Highly Selective Determination of Chrysoidine in Foods Through a Surface Molecularly Imprinted Sol-Gel Polymer Solid-Phase Extraction Coupled with HPLC. *Food Analytical Methods*, **2014**, 7, 345-351 3.4 13
- 62 Preparation of a molecularly imprinted polymer using TMB as a dummy template and its application as SPE sorbent for determination of six PBBs in and fish samples. *Analytical Methods*, **2011**, 3, 393-399 3.2 13
- 61 A Molecularly Imprinted Polymer Capped Nitrogen-Doped Graphene Quantum Dots System for Sensitive Determination of Tetracycline in Animal-Derived Food. *ChemistrySelect*, **2020**, 5, 839-846 1.8 12
- 60 Fabrication of mesoporous LaGaGeO:Cr,Zn persistent luminescence nanocarriers with super-long afterglow for bioimaging-guided in vivo drug delivery to the gut. *Journal of Materials Chemistry B*, **2018**, 6, 1479-1488 7.3 12
- 59 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. *RSC Advances*, **2014**, 4, 15518-15525 3.7 12
- 58 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. *Sensors and Actuators B: Chemical*, **2019**, 283, 571-578 8.5 12
- 57 Electrochemistry and electrochemiluminescence of copper metal cluster. *Journal of Electroanalytical Chemistry*, **2017**, 795, 116-122 4.1 11
- 56 Advanced analytical methods and sample preparation for ion chromatography techniques. *RSC Advances*, **2015**, 5, 58713-58726 3.7 11
- 55 Upconversion Nanophosphor-Involved Molecularly Imprinted Fluorescent Polymers for Sensitive and Specific Recognition of Sterigmatocystin. *Polymers*, **2017**, 9, 4.5 11
- 54 A Colorimetric Probe Based on Functionalized Gold Nanorods for Sensitive and Selective Detection of As(III) Ions. *Sensors*, **2018**, 18, 3.8 11
- 53 Preparation of novel anionic polymeric ionic liquid materials and their potential application to protein adsorption. *Journal of Materials Chemistry B*, **2017**, 5, 6339-6347 7.3 11
- 52 L-Cysteine Functionalized Silica Gel as an Efficient Adsorbent for the Determination of Heavy Metals in Foods by ICP-MS. *Food Analytical Methods*, **2015**, 8, 1785-1793 3.4 11
- 51 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. *Analytical Letters*, **2007**, 40, 2338-2350 2.2 11
- 50 Coral-like Au1Pt3 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 5.7 11
- 49 Bifunctional supported ionic liquid-based smart films for dyes adsorption and photodegradation. *Journal of Colloid and Interface Science*, **2018**, 530, 302-311 9.3 10
- 48 An enzyme-linked immunosorbent assay for the determination of tribenuron-methyl in water and soil using a molecularly imprinted film as an artificial antibody. *Analytical Methods*, **2013**, 5, 5677 3.2 10
- 47 Simultaneous determination of five quinoxaline-1,4-dioxides and two major metabolites in surface water by on-line solid phase extraction coupled to high-performance liquid chromatography. *Analytical Methods*, **2011**, 3, 1821 3.2 10

46	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	5.8	10
45	Capillary electrochromatography immunoassay for alpha-fetoprotein based on poly(guanidinium ionic liquid) monolithic material. <i>Analytical Biochemistry</i> , 2017 , 530, 50-56	3.1	9
44	Influence of on proteins, peptides, and amino acids in -fermented milk. <i>Food Science and Biotechnology</i> , 2017 , 26, 739-748	3	9
43	Development of an enzyme-linked immunosorbent assay for the determination of 5-hydroxymethyl-2-furfural in food. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 3367-73	4.4	9
42	Development of a chemiluminescent enzyme-linked immunosorbent assay for five sulfonamide residues in chicken muscle and pig muscle. <i>Journal of the Science of Food and Agriculture</i> , 2009 , 89, 80-87	4.3	9
41	Hydroxycinnamic Acid from Corncob and Its Structural Analogues Inhibit A β 0 Fibrillation and Attenuate A β 0-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 8788-8796	5.7	9
40	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	5.7	8
39	A molecularly imprinted fluorescence nanosensor based on upconversion metal-organic frameworks for alpha-cypermethrin specific recognition. <i>Mikrochimica Acta</i> , 2020 , 187, 632	5.8	8
38	Simultaneous detection of fifteen biogenic amines in animal derived products by HPLC-FLD with solid-phase extraction after derivatization with dansyl chloride. <i>Analytical Methods</i> , 2016 , 8, 3747-3755	3.2	8
37	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	7	8
36	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	5.8	8
35	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	2.1	7
34	The stabilization of fluorescent copper nanoclusters by dialdehyde cellulose and their use in mercury ion sensing. <i>Analytical Methods</i> , 2020 , 12, 3130-3136	3.2	7
33	Synthesis of anionic ionic liquids@TpBd-(SO) for the selective adsorption of cationic dyes with superior capacity.. <i>RSC Advances</i> , 2020 , 10, 5443-5453	3.7	7
32	Rapid detection of Pericarpium papaveris 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	3.2	6
31	Evaluation of solid sorbents for the determination of di-butylphthalate and di-2-ethylhexylphthalate in drinking water. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 317-326	1.8	6
30	Electrochemical detection of organophosphorus pesticides based on amino acids-conjugated P3TAA-modified electrodes. <i>Analyst, The</i> , 2021 , 145, 8068-8076	5	6
29	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	8.5	6

28	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	4.7	5
27	Nano-crystalline cellulose-coated magnetic nanoparticles for affinity adsorption of glycoproteins. <i>Analyst, The</i> , 2020 , 145, 3407-3413	5	5
26	Ultra-Stable UiO-66 Involved Molecularly Imprinted Polymers for Specific and Sensitive Determination of Tyramine Based on Quartz Crystal Microbalance Technology. <i>Polymers</i> , 2020 , 12,	4.5	5
25	Improved peptide generation from milk fermented by heat-shocked <i>Lactobacillus helveticus</i> . <i>International Journal of Food Science and Technology</i> , 2017 , 52, 366-373	3.8	5
24	Enzyme mimics based membrane reactor for di(2-ethylhexyl) phthalate degradation. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123873	12.8	5
23	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	14.7	4
22	Fluorescent methylammonium lead halide perovskite quantum dots as a sensing material for the detection of polar organochlorine pesticide residues. <i>Analyst, The</i> , 2020 , 145, 6683-6690	5	4
21	Nanocomposites based on quasi-networked AuPtCo ternary alloy nanoparticles and decorated with poly-L-cysteine film for the electrocatalytic application of hydroquinone sensing. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111251	7	4
20	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	12.8	4
19	Specific recognition of ribavirin in animal-derived foods by high performance liquid chromatography combined with magnetic solid-phase extraction based on highly selective Zr-Fe O. <i>Journal of Separation Science</i> , 2019 , 42, 2602-2611	3.4	3
18	Rapid detection of hexamethylenetetramine based on the substrate UC@SiO ₂ @Au@Ag using SERS. <i>RSC Advances</i> , 2017 , 7, 49969-49974	3.7	3
17	Enzyme mimics based on self-assembled peptides for di(2-ethylhexyl)phthalate degradation. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9601-9609	7.3	3
16	A Novel Multi-purpose MIP for SPE-HPLC and QCM Detection of Carbaryl Residues in Foods. <i>Food Analytical Methods</i> , 2021 , 14, 331-343	3.4	3
15	Quartz crystal microbalance sensor based on 11-mercaptoundecanoic acid self-assembly and amidated nano-titanium film for selective and ultrafast detection of phosphoproteins in food. <i>Food Chemistry</i> , 2021 , 344, 128656	8.5	3
14	In-situ graft-crosslinked gold nanoparticles with high-density surface defects and coated with a polytaurine membrane for the voltammetric determination of dopamine. <i>Mikrochimica Acta</i> , 2019 , 186, 746	5.8	2
13	Synthesis, characterization and application of organic-inorganic hybrid and carbaryl-imprinted capillary monolithic column. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 374-378	2.2	2
12	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	8.5	2
11	Identification of mouldy rice using an electronic nose combined with SPME-GC/MS. <i>Journal of Stored Products Research</i> , 2022 , 95, 101921	2.5	2

10	Self-Assembled Copper Nanoclusters for Electrocatalytic Glucose Oxidation. <i>ACS Applied Nano Materials</i> , 2021 , 4, 4129-4139	5.6	2
9	Synthesis of Fluorescent Au Clusters Using Self-Assembled Tripeptides as Reducing Soft Templates. <i>ChemNanoMat</i> , 2018 , 5, 158	3.5	2
8	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	6.2	2
7	Nutritional Changes and Early Warning of Moldy Rice under Different Relative Humidity and Storage Temperature.. <i>Foods</i> , 2022 , 11,	4.9	1
6	Design of metalloenzyme mimics based on self-assembled peptides for organophosphorus pesticides detection.. <i>Journal of Hazardous Materials</i> , 2022 , 428, 128262	12.8	1
5	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	6.6	1
4	Glycosides and Their Corresponding Small Molecules Inhibit Aggregation and Alleviate Cytotoxicity of A β 0.. <i>ACS Chemical Neuroscience</i> , 2022 ,	5.7	1
3	Synthesis of red photoluminescent nickel doped self-assembled copper nanoclusters and their application in biothiol sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 349, 130777	8.5	0
2	Polythionine-mediated AgNWs-AuNPs aggregation conductive network: Fabrication of molecularly imprinted electrochemiluminescence sensors for selective capture of kanamycin.. <i>Journal of Hazardous Materials</i> , 2022 , 434, 128882	12.8	0
1	Ultrasensitive molecularly imprinted electrochemiluminescence sensor based on highly-conductive rGO-COOH synergically amplify TCPP luminophor signal in aqueous phase system for switches-controlled detection of tryptamine. <i>Sensors and Actuators B: Chemical</i> , 2022 , 366, 132004	8.5	0