

Beibei Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

7,429
citations

49
h-index

75
g-index

222
ext. papers

9,060
ext. citations

6.7
avg, IF

6.58
L-index

#	Paper	IF	Citations
212	Covalent triazine frameworks/cobalt composites for magnetic solid phase extraction of pyrethroids from food samples followed by gas chromatography-flame ionization detection. <i>Advances in Sample Preparation</i> , 2022 , 1, 100006		0
211	Phytic acid functionalized magnetic adsorbents for facile enrichment of trace rare earth elements in environmental water, digested atmospheric particulates and the extracts followed by inductively coupled plasma mass spectrometry detection.. <i>Talanta</i> , 2022 , 244, 123426	6.2	0
210	A cascade amplification strategy for the detection of DNA methyltransferase activity by elemental labeling inductively coupled plasma mass spectrometry. <i>Sensors and Actuators B: Chemical</i> , 2022 , 362, 131758	8.5	0
209	Covalent organic framework-based magnetic solid phase extraction coupled with micellar electrokinetic chromatography for the analysis of trace organophosphorus pesticides in environmental water and atmospheric particulates.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463030	4.5	0
208	Magnetic porous coordination networks for preconcentration of various metal ions from environmental water followed by inductively coupled plasma mass spectrometry detection.. <i>Talanta</i> , 2022 , 245, 123470	6.2	0
207	Porous aromatic framework coated stir bar sorptive extraction coupled with gas chromatography for the analysis of 16 polycyclic aromatic hydrocarbons in atmospheric particles and environmental water samples.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463139	4.5	0
206	Sensitive detection of exosomes by gold nanoparticles labeling inductively coupled plasma mass spectrometry based on cholesterol recognition and rolling circle amplification. <i>Analytica Chimica Acta</i> , 2022 , 339938	6.6	1
205	DNA Tetrahedron-Based MNzyme for Sensitive Detection of microRNA with Elemental Tagging. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	2
204	Imine-linked covalent organic frameworks coated stir bar sorptive extraction of non-steroidal anti-inflammatory drugs from environmental water followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2021 , 1659, 462647	4.5	3
203	A homogeneous nucleic acid assay for simultaneous detection of SARS-CoV-2 and influenza A (H3N2) by single-particle inductively coupled plasma mass spectrometry. <i>Analytica Chimica Acta</i> , 2021 , 1186, 339134	6.6	4
202	Triazine covalent organic polymer coated stir bar sorptive extraction coupled with high performance liquid chromatography for the analysis of trace phthalate esters in mineral water and liquor samples. <i>Journal of Chromatography A</i> , 2021 , 1660, 462665	4.5	1
201	A Homogeneous Multicomponent Nucleic Acid Enzyme Assay for Universal Nucleic Acid Detection by Single-Particle Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 4952-4959	7.8	7
200	Thiol-grafted magnetic polymer for preconcentration of Cd, Hg, Pb from environmental water followed by inductively coupled plasma mass spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021 , 177, 106071	3.1	8
199	A dual-functional magnetic microsphere for ICP-MS quantification and fluorescence imaging of matrix metalloproteinase 2 in cell secretion. <i>Analytica Chimica Acta</i> , 2021 , 1161, 338479	6.6	1
198	Elemental Mass Spectrometry and Fluorescence Dual-Mode Strategy for Ultrasensitive Label-Free Detection of HBV DNA. <i>Analytical Chemistry</i> , 2021 , 93, 9454-9461	7.8	5
197	Sustainable method towards magnetic ordered mesoporous polymers for efficient Methylene Blue removal. <i>Journal of Environmental Sciences</i> , 2021 , 99, 168-174	6.4	3
196	Ti (IV) modified vinyl phosphate magnetic nanoparticles for simultaneous preconcentration of multiple arsenic species from chicken samples followed by HPLC-ICP-MS analysis. <i>Electrophoresis</i> , 2021 , 42, 465-472	3.6	1

195	MNAzyme-Catalyzed Amplification Assay with Lanthanide Tags for the Simultaneous Detection of Multiple microRNAs by Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Chemistry</i> , 2021 , 93, 737-744	7.8	22
194	Stir bar sorptive extraction and its application. <i>Journal of Chromatography A</i> , 2021 , 1637, 461810	4.5	21
193	Tumor-suppressor function of Beclin 1 in breast cancer cells requires E-cadherin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	12
192	Preparation of functional magnetic porous organic polymer as sorbent for mercury speciation followed by HPLC-ICP-MS analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1568-1575	3.7	1
191	Analysis of Main Components in Jujube and Mulberry Extracts by High-Sensitive HPLC-ESI-Q-TOF-MS/MS. <i>Journal of Chromatographic Science</i> , 2021 , 59, 806-812	1.4	1
190	Composition of Intracellular Protein Corona around Nanoparticles during Internalization. <i>ACS Nano</i> , 2021 , 15, 3108-3122	16.7	11
189	Reduced graphene oxide coated nickel foam for stir bar sorptive extraction of benzotriazole ultraviolet absorbents from environmental water. <i>Talanta</i> , 2021 , 231, 122332	6.2	5
188	Magnetic nanomaterials as sorbents for trace elements analysis in environmental and biological samples. <i>Talanta</i> , 2021 , 230, 122306	6.2	1
187	Bromine and iodine species in drinking water supply system along the Changjiang River in China: Occurrence and transformation. <i>Water Research</i> , 2021 , 202, 117401	12.5	0
186	The amino - functionalized magnetic graphene oxide combined with graphite furnace atomic absorption spectrometry for determination of trace inorganic arsenic species in water samples. <i>Talanta</i> , 2021 , 232, 122425	6.2	4
185	Combined effects of different sizes of ZnO and ZIF-8 nanoparticles co-exposure with Cd on HepG2 cells. <i>Science of the Total Environment</i> , 2021 , 786, 147402	10.2	0
184	One-step synthesis of mercapto modified hierarchical porous polymer capillary monolithic column for chip based array microextraction of mercury species in cells. <i>Chemical Engineering Journal</i> , 2021 , 420, 130414	14.7	0
183	Highly integrated and one-step triggered cascade DNA walker based on entropy-driven catalytic and DNAzyme amplification. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130370	8.5	3
182	Analysis of arsenic binding proteins in HepG2 cells based on a biotinylated phenylarsenite probe. <i>Analytica Chimica Acta</i> , 2021 , 1183, 339007	6.6	1
181	Magnetic N-doped porous carbon for analysis of trace Pb and Cd in environmental water by magnetic solid phase extraction with inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021 , 184, 106273	3.1	3
180	Online simultaneous speciation of ultra-trace inorganic antimony and tellurium in environmental water by polymer monolithic capillary microextraction combined with inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020 , 168, 105854	3.1	6
179	A Multifunctional Platform for the Capture, Release, And Enumeration of Circulating Tumor Cells Based on Aptamer Binding, Nicking Endonuclease-Assisted Amplification, And Inductively Coupled Plasma Mass Spectrometry Detection. <i>Analytical Chemistry</i> , 2020 , 92, 10308-10315	7.8	21
178	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020 , 1, 533-545	15.4	35

177	Dual-mode detection of avian influenza virions (H9N2) by ICP-MS and fluorescence after quantum dot labeling with immuno-rolling circle amplification. <i>Analytica Chimica Acta</i> , 2020 , 1096, 18-25	6.6	10
176	Magnetic porous organic polymers for extraction of cardiovascular drugs in human urine samples followed by HPLC-UV. <i>Analytical Methods</i> , 2020 , 12, 141-148	3.2	2
175	Azo-linked porous organic polymers/polydimethylsiloxane coated stir bar for extraction of benzotriazole ultraviolet absorbers from environmental water and soil samples followed by high performance liquid chromatography-diode array detection. <i>Journal of Chromatography A</i> , 2020 , 1616, 460793	4.5	13
174	Spiral stir bar sorptive extraction with polyaniline-polydimethylsiloxane sol-gel packings for the analysis of trace estrogens in environmental water and animal-derived food samples. <i>Journal of Separation Science</i> , 2020 , 43, 1137-1144	3.4	5
173	Cd (II) imprinted polymer modified silica monolithic capillary microextraction combined with inductively coupled plasma mass spectrometry for the determination of trace Cd (II) in biological samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020 , 164, 105751	3.1	7
172	Phosphoric acid functionalized magnetic sorbents for selective enrichment of TiO nanoparticles in surface water followed by inductively coupled plasma mass spectrometry detection. <i>Science of the Total Environment</i> , 2020 , 703, 135464	10.2	6
171	Porous aromatic framework coated stir bar sorptive extraction coupled with high performance liquid chromatography for the analysis of triazine herbicides in maize samples. <i>Journal of Chromatography A</i> , 2020 , 1614, 460728	4.5	17
170	A nanoprobe based on molybdenum disulfide nanosheets and silver nanoclusters for imaging and quantification of intracellular adenosine triphosphate. <i>Analytica Chimica Acta</i> , 2020 , 1134, 75-83	6.6	7
169	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111110	7	19
168	Study on cytotoxicity, cellular uptake and elimination of rare-earth-doped upconversion nanoparticles in human hepatocellular carcinoma cells. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 203, 110951	7	2
167	Droplet-Splitting Microchip Online Coupled with Time-Resolved ICPMS for Analysis of Released Fe and Pt in Single Cells Treated with FePt Nanoparticles. <i>Analytical Chemistry</i> , 2020 , 92, 12208-12215	7.8	5
166	Recent advances in single-cell analysis by inductively coupled plasma-mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2020 , 1137, 191-207	6.6	15
165	Argon Enclosed Droplet Based 3D Microfluidic Device Online Coupled with Time-Resolved ICPMS for Determination of Cadmium and Zinc in Single Cells Exposed to Cadmium Ion. <i>Analytical Chemistry</i> , 2020 , 92, 13550-13557	7.8	6
164	Hydroxyl-containing porous organic framework coated stir bar sorption extraction combined with high performance liquid chromatography-diode array detector for analysis of triazole fungicides in grape and cabbage samples. <i>Journal of Chromatography A</i> , 2020 , 1633, 461628	4.5	10
163	Magnetic nanoparticle sorbents 2020 , 235-284		5
162	Simultaneous speciation of inorganic selenium and tellurium in environmental water samples by polyaniline functionalized magnetic solid phase extraction coupled with ICP-MS detection. <i>Talanta</i> , 2020 , 207, 120314	6.2	33
161	Porous organic frameworks-based (micro)extraction. <i>Journal of Chromatography A</i> , 2020 , 1609, 460477	4.5	18
160	3D Droplet-Based Microfluidic Device Easily Assembled from Commercially Available Modules Online Coupled with ICPMS for Determination of Silver in Single Cell. <i>Analytical Chemistry</i> , 2019 , 91, 2869-2875 ²²	7.8	22

159	Inhibition of arsenite methylation induces synergistic genotoxicity of arsenite and benzo(a)pyrene diol epoxide in SCC-7 cells. <i>Metallomics</i> , 2019 , 11, 176-182	4.5	5
158	Monolithic capillary microextraction combined with ICP-MS for the determination of TiO NPs in environmental water samples. <i>Talanta</i> , 2019 , 197, 334-340	6.2	4
157	Magnetic porous organic polymers for magnetic solid-phase extraction of triazole fungicides in vegetables prior to their determination by gas chromatography-flame ionization detection. <i>Journal of Chromatography A</i> , 2019 , 1601, 1-8	4.5	32
156	Simultaneous determination of two phosphorylated p53 proteins in SCC-7 cells by an ICP-MS immunoassay using apoferritin-templated europium(III) and lutetium(III) phosphate nanoparticles as labels. <i>Mikrochimica Acta</i> , 2019 , 186, 424	5.8	10
155	Immunodetection and counting of circulating tumor cells (HepG2) by combining gold nanoparticle labeling, rolling circle amplification and ICP-MS detection of gold. <i>Mikrochimica Acta</i> , 2019 , 186, 344	5.8	15
154	A highly sensitive assay of DNA based on inductively coupled plasma mass spectrometry detection with gold nanoparticle amplification and isothermal circular strand-displacement polymerization reaction. <i>Talanta</i> , 2019 , 202, 207-213	6.2	7
153	Dihydromyricetin Inhibits β -Synuclein Aggregation, Disrupts Preformed Fibrils, and Protects Neuronal Cells in Culture against Amyloid-Induced Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3946-3955	5.7	17
152	J-Aggregation of Perylene Diimides in Silica Nanocapsules for Stable Near-Infrared Photothermal Conversion.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1569-1577	4.1	6
151	Magnetic solid-phase extraction using sulfur-containing functional magnetic polymer for high-performance liquid chromatography-inductively coupled plasma-mass spectrometric speciation of mercury in environmental samples. <i>Journal of Chromatography A</i> , 2019 , 1595, 19-27	4.5	38
150	Study on uptake of gold nanoparticles by single cells using droplet microfluidic chip-inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2019 , 200, 398-407	6.2	28
149	Microfluidic array surface ion-imprinted monolithic capillary microextraction chip on-line hyphenated with ICP-MS for the high throughput analysis of gadolinium in human body fluids. <i>Analyst, The</i> , 2019 , 144, 2736-2745	5	10
148	Multifunctional Gold Nanocluster Decorated Metal-Organic Framework for Real-Time Monitoring of Targeted Drug Delivery and Quantitative Evaluation of Cellular Therapeutic Response. <i>Analytical Chemistry</i> , 2019 , 91, 10596-10603	7.8	26
147	Integration of sub-organ quantitative imaging LA-ICP-MS and fractionation reveals differences in translocation and transformation of CeO and Ce in mice. <i>Analytica Chimica Acta</i> , 2019 , 1082, 18-29	6.6	7
146	PUMILIO hyperactivity drives premature aging of β -deficient mice. <i>ELife</i> , 2019 , 8,	8.9	40
145	Magnetic metal-organic framework composites for dual-column solid-phase microextraction combined with ICP-MS for speciation of trace levels of arsenic. <i>Mikrochimica Acta</i> , 2019 , 187, 48	5.8	12
144	Microfluidic chip-inductively coupled plasma mass spectrometry for trace elements and their species analysis in cells. <i>Applied Spectroscopy Reviews</i> , 2019 , 54, 250-263	4.5	21
143	FeO nanoparticles coated with double imprinted polymers for magnetic solid phase extraction of lead(II) from biological and environmental samples. <i>Mikrochimica Acta</i> , 2019 , 186, 775	5.8	10
142	Metal organic frameworks-derived magnetic nanoporous carbon for preconcentration of organophosphorus pesticides from fruit samples followed by gas chromatography-flame photometric detection. <i>Journal of Chromatography A</i> , 2019 , 1583, 19-27	4.5	51

141	A porous organic polymer with magnetic nanoparticles on a chip array for preconcentration of platinum(IV), gold(III) and bismuth(III) prior to their on-line quantitation by ICP-MS. <i>Mikrochimica Acta</i> , 2019 , 186, 107	5.8	19
140	Size-dependent cytotoxicity study of ZnO nanoparticles in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 171, 337-346	7	56
139	Arsenic speciation in tree moss by mass spectrometry based hyphenated techniques. <i>Talanta</i> , 2018 , 183, 48-54	6.2	17
138	Poly(1-vinylimidazole) functionalized magnetic ion imprinted polymer for fast and selective extraction of trace gold in geological, environmental and biological samples followed by graphite furnace atomic absorption spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018 , 186, 11-15	3.1	14
137	Room-Temperature Synthesis of Magnetic Metal-Organic Frameworks Composites in Water for Efficient Removal of Methylene Blue and As(V). <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6201-6209	3.9	16
136	Magnetic Mesoporous Carbons Derived from in Situ MgO Template Formation for Fast Removal of Heavy Metal Ions. <i>ACS Omega</i> , 2018 , 3, 3752-3759	3.9	10
135	Sensitive determination of seven triazine herbicide in honey, tomato and environmental water samples by hollow fiber based liquid-liquid-liquid microextraction combined with sweeping micellar electrokinetic capillary chromatography. <i>Talanta</i> , 2018 , 186, 88-96	6.2	24
134	One-pot polymerization of monolith coated stir bar for high efficient sorptive extraction of perfluoroalkyl acids from environmental water samples followed by high performance liquid chromatography-electrospray tandem mass spectrometry detection. <i>Journal of Chromatography A</i> , 2018 , 1553, 7-15	4.5	24
133	Magnetic Zr-MOFs nanocomposites for rapid removal of heavy metal ions and dyes from water. <i>Chemosphere</i> , 2018 , 199, 435-444	8.4	147
132	Aptamer-Based Dual-Functional Probe for Rapid and Specific Counting and Imaging of MCF-7 Cells. <i>Analytical Chemistry</i> , 2018 , 90, 2355-2361	7.8	62
131	Ligand-assisted magnetic solid phase extraction for fast speciation of silver nanoparticles and silver ions in environmental water. <i>Talanta</i> , 2018 , 183, 268-275	6.2	19
130	Facile Design of Phase Separation for Microfluidic Droplet-Based Liquid Phase Microextraction as a Front End to Electrothermal Vaporization-ICPMS for the Analysis of Trace Metals in Cells. <i>Analytical Chemistry</i> , 2018 , 90, 10078-10086	7.8	13
129	Facile Fabrication of N-Doped Magnetic Porous Carbon for Highly Efficient Mercury Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10191-10199	8.3	15
128	Lectin affinity based elemental labeling with hybridization chain reaction for the sensitive determination of avian influenza A (H9N2) virions. <i>Talanta</i> , 2018 , 188, 442-447	6.2	10
127	Polymer monolithic capillary microextraction on-line coupled with ICP-MS for determination of inorganic selenium species in natural waters. <i>Talanta</i> , 2018 , 188, 736-743	6.2	9
126	Chip-based magnetic solid phase microextraction coupled with ICP-MS for the determination of Cd and Se in HepG2 cells incubated with CdSe quantum dots. <i>Talanta</i> , 2018 , 179, 279-284	6.2	25
125	Gold nanoparticle labeling with tyramide signal amplification for highly sensitive detection of alpha fetoprotein in human serum by ICP-MS. <i>Talanta</i> , 2018 , 176, 40-46	6.2	25
124	A dual-functional probe for quantification and imaging of intracellular telomerase. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 164-171	8.5	13

123	Biomethylation metabolism study of arsenite in SCC-7 cells by reversed phase ion pair high performance liquid chromatography-inductively coupled plasma-mass spectrometry. <i>Talanta</i> , 2018 , 188, 210-217	6.2	11
122	Melamine-based porous organic polymers inline solid phase extraction coupled with high performance liquid chromatography for the analysis of phytohormones in juice samples. <i>Journal of Chromatography A</i> , 2018 , 1567, 64-72	4.5	15
121	Loss of partially phenocopies Perlman syndrome in mice and results in up-regulation of in nephron progenitor cells. <i>Genes and Development</i> , 2018 , 32, 903-908	12.6	24
120	Imidazole functionalized organic monoliths for capillary microextraction of Co(II), Ni(II) and Cd(II) from urine prior to on-line ICP-MS detection. <i>Mikrochimica Acta</i> , 2017 , 184, 927-934	5.8	9
119	Quantum Dots Labeling Strategy for "Counting and Visualization" of HepG2 Cells. <i>Analytical Chemistry</i> , 2017 , 89, 1879-1886	7.8	40
118	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017 , 542, 197-203	30.4	140
117	Covalent triazine framework-1 as adsorbent for inline solid phase extraction-high performance liquid chromatographic analysis of trace nitroimidazoles in porcine liver and environmental waters. <i>Journal of Chromatography A</i> , 2017 , 1483, 40-47	4.5	29
116	Iminodiacetic acid functionalized magnetic nanoparticles for speciation of Cr(III) and Cr(VI) followed by graphite furnace atomic absorption spectrometry detection. <i>RSC Advances</i> , 2017 , 7, 8504-8511	3.7	18
115	A Twist2-dependent progenitor cell contributes to adult skeletal muscle. <i>Nature Cell Biology</i> , 2017 , 19, 202-213	23.4	84
114	Notch Inhibition Enhances Cardiac Reprogramming by Increasing MEF2C Transcriptional Activity. <i>Stem Cell Reports</i> , 2017 , 8, 548-560	8	78
113	Elemental-tagged immunoassay combined with inductively coupled plasma mass spectrometry for the detection of tumor cells using a lead sulfide nanoparticle label. <i>Talanta</i> , 2017 , 167, 499-505	6.2	10
112	A Facile Droplet-Chip-Time-Resolved Inductively Coupled Plasma Mass Spectrometry Online System for Determination of Zinc in Single Cell. <i>Analytical Chemistry</i> , 2017 , 89, 4931-4938	7.8	59
111	A multifunctional probe for ICP-MS determination and multimodal imaging of cancer cells. <i>Biosensors and Bioelectronics</i> , 2017 , 96, 77-83	11.8	26
110	In vitro study on antagonism mechanism of glutathione, sodium selenite and mercuric chloride. <i>Talanta</i> , 2017 , 171, 262-269	6.2	3
109	Hollow fiber supported TiO ₂ monolithic microextraction combined with capillary HPLC-ICP-MS for sensitive absolute quantification of phosphopeptides. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1186-1195	3.7	4
108	Speciation of mercury in water and fish samples by HPLC-ICP-MS after magnetic solid phase extraction. <i>Talanta</i> , 2017 , 171, 213-219	6.2	107
107	Gold nanoparticles as intermediate ligands for polymer monolithic capillary microextraction of trace rare earth elements followed by inductively coupled plasma mass spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 127, 56-63	3.1	15
106	The U6 snRNA m ^A Methyltransferase METTL16 Regulates SAM Synthetase Intron Retention. <i>Cell</i> , 2017 , 169, 824-835.e14	56.2	445

105	Polydimethylsiloxane/MIL-100(Fe) coated stir bar sorptive extraction-high performance liquid chromatography for the determination of triazines in environmental water samples. <i>Talanta</i> , 2017 , 175, 158-167	6.2	33
104	Bimetallic (Au@Cu core)@(ceria shell) nanotubes for photocatalytic oxidation of benzyl alcohol: improved reactivity by Cu. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13382-13391	13	39
103	Facile Chip-Based Array Monolithic Microextraction System Online Coupled with ICPMS for Fast Analysis of Trace Heavy Metals in Biological Samples. <i>Analytical Chemistry</i> , 2017 , 89, 6878-6885	7.8	22
102	Application of inductively coupled plasma mass spectrometry in the quantitative analysis of biomolecules with exogenous tags: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 93, 78-101	14.6	47
101	Facile Green Synthesis of Magnetic Porous Organic Polymers for Rapid Removal and Separation of Methylene Blue. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4050-4055	8.3	70
100	Advanced functional materials in solid phase extraction for ICP-MS determination of trace elements and their species - A review. <i>Analytica Chimica Acta</i> , 2017 , 973, 1-24	6.6	104
99	Simultaneous determination of acidic phytohormones in cucumbers and green bean sprouts by ion-pair stir bar sorptive extraction-high performance liquid chromatography. <i>Talanta</i> , 2017 , 170, 128-136	6.2	27
98	Characterization and causes of land subsidence in Beijing, China. <i>International Journal of Remote Sensing</i> , 2017 , 38, 808-826	3.1	49
97	Size-Based Analysis of Au NPs by Online Monolithic Capillary Microextraction-ICPMS. <i>Analytical Chemistry</i> , 2017 , 89, 560-564	7.8	10
96	Advances in ICP-MS-based techniques for trace elements and their species analysis in cells. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 1650-1659	3.7	24
95	One-pot synthesis of zeolitic imidazolate framework-8/poly (methyl methacrylate-ethyleneglycol dimethacrylate) monolith coating for stir bar sorptive extraction of phytohormones from fruit samples followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2017 , 1524, 57-65	4.5	30
94	ZNF281 enhances cardiac reprogramming by modulating cardiac and inflammatory gene expression. <i>Genes and Development</i> , 2017 , 31, 1770-1783	12.6	58
93	Magnetic covalent triazine framework for rapid extraction of phthalate esters in plastic packaging materials followed by gas chromatography-flame ionization detection. <i>Journal of Chromatography A</i> , 2017 , 1525, 32-41	4.5	58
92	Magnetic sulfur-doped porous carbon for preconcentration of trace mercury in environmental water prior to ICP-MS detection. <i>Analyst, The</i> , 2017 , 142, 4570-4579	5	23
91	Thiol-Functionalized Magnetic Porous Organic Polymers for Highly Efficient Removal of Mercury. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 13696-13703	3.9	33
90	Selenocystine against methyl mercury cytotoxicity in HepG2 cells. <i>Scientific Reports</i> , 2017 , 7, 147	4.9	14
89	Determination of avian influenza A (H9N2) virions by inductively coupled plasma mass spectrometry based magnetic immunoassay with gold nanoparticles labeling. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 138, 90-96	3.1	18
88	Simultaneous detection of MCF-7 and HepG2 cells in blood by ICP-MS with gold nanoparticles and quantum dots as elemental tags. <i>Biosensors and Bioelectronics</i> , 2017 , 90, 343-348	11.8	56

87	Sample pre-treatment techniques for use with ICP-MS hyphenated techniques for elemental speciation in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2017 , 32, 58-77	3.7	23
86	MED12 regulates a transcriptional network of calcium-handling genes in the heart. <i>JCI Insight</i> , 2017 , 2,	9.9	12
85	KLHL41 stabilizes skeletal muscle sarcomeres by nonproteolytic ubiquitination. <i>ELife</i> , 2017 , 6,	8.9	28
84	Fast preconcentration of trace rare earth elements from environmental samples by di(2-ethylhexyl)phosphoric acid grafted magnetic nanoparticles followed by inductively coupled plasma mass spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017 , 136, 73-80	3.1	22
83	A dual extraction technique combined with HPLC-ICP-MS for speciation of seleno-amino acids in rice and yeast samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 406-414	3.7	14
82	Magnetic solid phase extraction coupled with inductively coupled plasma mass spectrometry for the speciation of mercury in environmental water and human hair samples. <i>Talanta</i> , 2016 , 146, 93-9	6.2	110
81	Upconversion nanoparticle as elemental tag for the determination of alpha-fetoprotein in human serum by inductively coupled plasma mass spectrometry. <i>Analyst, The</i> , 2016 , 142, 197-205	5	29
80	Oxygen vacancies dependent Au nanoparticle deposition and CO oxidation. <i>RSC Advances</i> , 2016 , 6, 87978-87983	3.7	33
79	Myocardin-related transcription factors are required for skeletal muscle development. <i>Development (Cambridge)</i> , 2016 , 143, 2853-61	6.6	19
78	Membrane protected C coated stir bar sorptive extraction combined with high performance liquid chromatography-ultraviolet detection for the determination of non-steroidal anti-inflammatory drugs in water samples. <i>Journal of Chromatography A</i> , 2016 , 1472, 27-34	4.5	27
77	Preparation, characterization and application of Saussurea tridactyla Sch-Bip as green adsorbents for preconcentration of rare earth elements in environmental water samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016 , 121, 1-10	3.1	18
76	Monolithic capillary microextraction on-line combined with ICP-MS for determining Ni, Cu and Cd in biological samples. <i>Analytical Methods</i> , 2016 , 8, 4680-4688	3.2	9
75	Analysis of metallothioneins by mass spectrometry-based hyphenated techniques. <i>Applied Spectroscopy Reviews</i> , 2016 , 51, 94-116	4.5	5
74	An integrative somatic mutation analysis to identify pathways linked with survival outcomes across 19 cancer types. <i>Bioinformatics</i> , 2016 , 32, 1643-51	7.2	14
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