

Beibei Chen

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212
papers

7,429
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49
h-index

75
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222
ext. papers

9,060
ext. citations

6.7
avg, IF

6.58
L-index

#	Paper	IF	Citations
212	Noncoding RNA NORAD Regulates Genomic Stability by Sequestering PUMILIO Proteins. <i>Cell</i> , 2016 , 164, 69-80	56.2	496
211	The U6 snRNA m ^A Methyltransferase METTL16 Regulates SAM Synthetase Intron Retention. <i>Cell</i> , 2017 , 169, 824-835.e14	56.2	445
210	A community computational challenge to predict the activity of pairs of compounds. <i>Nature Biotechnology</i> , 2014 , 32, 1213-22	44.5	184
209	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
208	Simultaneous speciation analysis of inorganic arsenic, chromium and selenium in environmental waters by 3-(2-aminoethylamino) propyltrimethoxysilane modified multi-wall carbon nanotubes packed microcolumn solid phase extraction and ICP-MS. <i>Talanta</i> , 2015 , 131, 266-72	6.2	143
207	A mercapto functionalized magnetic Zr-MOF by solvent-assisted ligand exchange for Hg ²⁺ removal from water. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5159-5166	13	142
206	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017 , 542, 197-203	30.4	140
205	A designable magnetic MOF composite and facile coordination-based post-synthetic strategy for the enhanced removal of Hg ²⁺ from water. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 11587-11595	13	137
204	Graphene oxide-silica composite coating hollow fiber solid phase microextraction online coupled with inductively coupled plasma mass spectrometry for the determination of trace heavy metals in environmental water samples. <i>Talanta</i> , 2014 , 123, 1-9	6.2	134
203	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
202	Determination of trace/ultratrace rare earth elements in environmental samples by ICP-MS after magnetic solid phase extraction with Fe ₃ O ₄ @SiO ₂ @polyaniline-graphene oxide composite. <i>Talanta</i> , 2014 , 119, 458-66	6.2	108
201	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
200	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
199	Nanometer-sized materials for solid-phase extraction of trace elements. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 2685-710	4.4	100
198	Polydimethylsiloxane/metal-organic frameworks coated stir bar sorptive extraction coupled to high performance liquid chromatography-ultraviolet detector for the determination of estrogens in environmental water samples. <i>Journal of Chromatography A</i> , 2013 , 1310, 21-30	4.5	95
197	Cellular uptake, elimination and toxicity of CdSe/ZnS quantum dots in HepG2 cells. <i>Biomaterials</i> , 2013 , 34, 9545-58	15.6	93
196	Magnetic solid phase microextraction on a microchip combined with electrothermal vaporization-inductively coupled plasma mass spectrometry for determination of Cd, Hg and Pb in cells. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 1931	3.7	88

195	A Twist2-dependent progenitor cell contributes to adult skeletal muscle. <i>Nature Cell Biology</i> , 2017 , 19, 202-213	23.4	84
194	Notch Inhibition Enhances Cardiac Reprogramming by Increasing MEF2C Transcriptional Activity. <i>Stem Cell Reports</i> , 2017 , 8, 548-560	8	78
193	Recent developments in stir bar sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2001-26	4.4	77
192	Liquid phase microextraction for the analysis of trace elements and their speciation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013 , 86, 14-30	3.1	72
191	Chip-based array magnetic solid phase microextraction on-line coupled with inductively coupled plasma mass spectrometry for the determination of trace heavy metals in cells. <i>Analyst, The</i> , 2015 , 140, 5619-26	5	71
190	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
189	Simultaneous determination of polar and apolar compounds in environmental samples by a polyaniline/hydroxyl multi-walled carbon nanotubes composite-coated stir bar sorptive extraction coupled with high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1394, 36-45	4.5	65
188	Polydimethylsiloxane/covalent triazine frameworks coated stir bar sorptive extraction coupled with high performance liquid chromatography-ultraviolet detection for the determination of phenols in environmental water samples. <i>Journal of Chromatography A</i> , 2016 , 1441, 8-15	4.5	65
187	Polydimethylsiloxane/metal-organic frameworks coated stir bar sorptive extraction coupled to gas chromatography-flame photometric detection for the determination of organophosphorus pesticides in environmental water samples. <i>Talanta</i> , 2016 , 156-157, 126-133	6.2	65
186	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
185	Chip-Based Magnetic Solid-Phase Microextraction Online Coupled with MicroHPLC-ICPMS for the Determination of Mercury Species in Cells. <i>Analytical Chemistry</i> , 2016 , 88, 796-802	7.8	62
184	Hollow fiber liquid-liquid-liquid microextraction combined with high performance liquid chromatography-ultraviolet detection for the determination of various environmental estrogens in environmental and biological samples. <i>Journal of Chromatography A</i> , 2013 , 1305, 17-26	4.5	62
183	Predictors and intensity of online access to electronic medical records among patients with cancer. <i>Journal of Oncology Practice</i> , 2014 , 10, e307-12	3.1	60
182	A sol-gel polydimethylsiloxane/polythiophene coated stir bar sorptive extraction combined with gas chromatography-flame photometric detection for the determination of organophosphorus pesticides in environmental water samples. <i>Journal of Chromatography A</i> , 2013 , 1275, 25-31	4.5	60
181	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
180	ZNF281 enhances cardiac reprogramming by modulating cardiac and inflammatory gene expression. <i>Genes and Development</i> , 2017 , 31, 1770-1783	12.6	58
179	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
178	Immunomagnetic separation combined with inductively coupled plasma mass spectrometry for the detection of tumor cells using gold nanoparticle labeling. <i>Analytical Chemistry</i> , 2014 , 86, 8082-9	7.8	58

177	Graphene oxide/TiO ₂ composite as a novel adsorbent for the preconcentration of heavy metals and rare earth elements in environmental samples followed by on-line inductively coupled plasma optical emission spectrometry detection. <i>RSC Advances</i> , 2015 , 5, 5996-6005	3.7	56
176	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
175	Size-dependent cytotoxicity study of ZnO nanoparticles in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 171, 337-346	7	56
174	Novel ion imprinted magnetic mesoporous silica for selective magnetic solid phase extraction of trace Cd followed by graphite furnace atomic absorption spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015 , 107, 115-124	3.1	52
173	Gold nanoparticles labeling with hybridization chain reaction amplification strategy for the sensitive detection of HepG2 cells by inductively coupled plasma mass spectrometry. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 736-740	11.8	52
172	Simultaneous speciation of inorganic arsenic, selenium and tellurium in environmental water samples by dispersive liquid liquid microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Talanta</i> , 2015 , 142, 213-20	6.2	51
171	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
170	Graphene oxide/polyethyleneglycol composite coated stir bar for sorptive extraction of fluoroquinolones from chicken muscle and liver. <i>Journal of Chromatography A</i> , 2015 , 1418, 36-44	4.5	50
169	A novel strategy for sequential analysis of gold nanoparticles and gold ions in water samples by combining magnetic solid phase extraction with inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 444-453	3.7	50
168	Sorptive extraction using polydimethylsiloxane/metal-organic framework coated stir bars coupled with high performance liquid chromatography-fluorescence detection for the determination of polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , 2014 , 1356, 45-53	4.5	50
167	Ionic liquids improved reversed-phase HPLC on-line coupled with ICP-MS for selenium speciation. <i>Talanta</i> , 2011 , 83, 724-31	6.2	50
166	Characterization and causes of land subsidence in Beijing, China. <i>International Journal of Remote Sensing</i> , 2017 , 38, 808-826	3.1	49
165	Speciation of selenium in cells by HPLC-ICP-MS after (on-chip) magnetic solid phase extraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 334	3.7	49
164	Titania immobilized polypropylene hollow fiber as a disposable coating for stir bar sorptive extraction-high performance liquid chromatography-inductively coupled plasma mass spectrometry speciation of arsenic in chicken tissues. <i>Journal of Chromatography A</i> , 2011 , 1218, 1-9	4.5	49
163	Water-compatible graphene oxide/molecularly imprinted polymer coated stir bar sorptive extraction of propranolol from urine samples followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2016 , 1443, 1-9	4.5	48
162	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
161	Chitosan modified magnetic nanoparticles based solid phase extraction combined with ICP-OES for the speciation of Cr(III) and Cr(VI). <i>Analytical Methods</i> , 2014 , 6, 8577-8583	3.2	47
160	Immunoaffinity monolithic capillary microextraction coupled with ICP-MS for immunoassay with quantum dot labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2010 , 25, 1674	3.7	46

159	Boronic acid recognition based-gold nanoparticle-labeling strategy for the assay of sialic acid expression on cancer cell surface by inductively coupled plasma mass spectrometry. <i>Analyst, The</i> , 2016 , 141, 1286-93	5	42
158	Nanoparticle labelling-based magnetic immunoassay on chip combined with electrothermal vaporization-inductively coupled plasma mass spectrometry for the determination of carcinoembryonic antigen in human serum. <i>Analyst, The</i> , 2011 , 136, 3934-42	5	42
157	Quantum Dots Labeling Strategy for "Counting and Visualization" of HepG2 Cells. <i>Analytical Chemistry</i> , 2017 , 89, 1879-1886	7.8	40
156	PUMILIO hyperactivity drives premature aging of -deficient mice. <i>ELife</i> , 2019 , 8,	8.9	40
155	Bimetallic (AuCu 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
154	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
153	Cloud point extraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the speciation of inorganic selenium in environmental water samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006 , 20, 2894-900	2.2	37
152	Determination of estrogens in pork and chicken samples by stir bar sorptive extraction combined with high-performance liquid chromatography-ultraviolet detection. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 10494-500	5.7	36
151	Polymer monolithic capillary microextraction combined on-line with inductively coupled plasma MS for the determination of trace rare earth elements in biological samples. <i>Journal of Separation Science</i> , 2013 , 36, 2158-67	3.4	36
150	Spatial correlation between land subsidence and urbanization in Beijing, China. <i>Natural Hazards</i> , 2015 , 75, 2637-2652	3	35
149	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020 , 1, 533-545	15.4	35
148	Hydrophilic polymer monolithic capillary microextraction online coupled to ICPMS for the determination of carboxyl group-containing gold nanoparticles in environmental waters. <i>Analytical Chemistry</i> , 2015 , 87, 1789-96	7.8	35
147	Synthesis of mixed coating with multi-functional groups for in-tube hollow fiber solid phase microextraction-high performance liquid chromatography-inductively coupled plasma mass spectrometry speciation of arsenic in human urine. <i>Journal of Chromatography A</i> , 2012 , 1227, 19-28	4.5	35
146	TiO ₂ nanoparticles functionalized monolithic capillary microextraction online coupled with inductively coupled plasma mass spectrometry for the analysis of Gd ion and Gd-based contrast agents in human urine. <i>Analytical Chemistry</i> , 2015 , 87, 8949-56	7.8	34
145	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
144	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
143	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
142	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

141	Metallomics Study of CdSe/ZnS Quantum Dots in HepG2 Cells. <i>ACS Nano</i> , 2015 , 9, 10324-34	16.7	31
140	Speciation of mercury in various samples from the micro-ecosystem of East Lake by hollow fiber-liquid-liquid-liquid microextraction-HPLC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 875-881	3.7	31
139	Polyaniline/cyclodextrin composite coated stir bar sorptive extraction combined with high performance liquid chromatography-ultraviolet detection for the analysis of trace polychlorinated biphenyls in environmental waters. <i>Talanta</i> , 2016 , 150, 310-8	6.2	31
138	Automated dynamic hollow fiber liquid-liquid-liquid microextraction combined with capillary electrophoresis for speciation of mercury in biological and environmental samples. <i>Journal of Chromatography A</i> , 2015 , 1415, 48-56	4.5	31
137	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
136	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
135	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
134	Membrane-supported liquid-liquid-liquid microextraction combined with anion-selective exhaustive injection capillary electrophoresis-ultraviolet detection for sensitive analysis of phytohormones. <i>Journal of Chromatography A</i> , 2014 , 1343, 10-7	4.5	29
133	Study on speciation of aluminum in human serum using zwitterionic bile acid derivative dynamically coated C18 column HPLC separation with UV and on-line ICP-MS detection. <i>Talanta</i> , 2010 , 81, 180-6	6.2	29
132	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
131	Chip-based liquid phase microextraction combined with electrothermal vaporization-inductively coupled plasma mass spectrometry for trace metal determination in cell samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1660	3.7	28
130	Magnetic quantitative immunoanalysis of carcinoembryonic antigen by ICP-MS with mercury labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 1217	3.7	28
129	KLHL41 stabilizes skeletal muscle sarcomeres by nonproteolytic ubiquitination. <i>ELife</i> , 2017 , 6,	8.9	28
128	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
127	Myocardin-related transcription factors are required for cardiac development and function. <i>Developmental Biology</i> , 2015 , 406, 109-16	3.1	27
126	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
125	Ionic liquid based carrier mediated hollow fiber liquid liquid liquid microextraction combined with HPLC-ICP-MS for the speciation of phenylarsenic compounds in chicken and feed samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1638	3.7	27
124	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

123	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
122	Magnetic immunoassay coupled with inductively coupled plasma mass spectrometry for simultaneous quantification of alpha-fetoprotein and carcinoembryonic antigen in human serum. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015 , 106, 20-27	3.1	25
121	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
120	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
119	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
118	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
117	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
116	Graphene oxide-TiO ₂ composite solid phase extraction combined with graphite furnace atomic absorption spectrometry for the speciation of inorganic selenium in water samples. <i>Talanta</i> , 2016 , 154, 474-80	6.2	24
115	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
114	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
113	Oxygen vacancies dependent Au nanoparticle deposition and CO oxidation. <i>RSC Advances</i> , 2016 , 6, 87978-87983	3.7	23
112	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
111	Ionic liquid-based magnetic solid phase extraction coupled with inductively coupled plasma-optical emission spectrometry for the determination of Cu, Cd, and Zn in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1110	3.7	23
110	Aminopropyltriethoxysilane-silica hybrid monolithic capillary microextraction combined with inductively coupled plasma mass spectrometry for the determination of trace elements in biological samples. <i>Journal of Separation Science</i> , 2011 , 34, 2247-54	3.4	23
109	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
108	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	7.8	22
107	Polymer monolithic capillary microextraction on-line coupled with inductively coupled plasma-mass spectrometry for the determination of trace Au and Pd in biological samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014 , 101, 254-260	3.1	22
106	A model-based approach to identify binding sites in CLIP-Seq data. <i>PLoS ONE</i> , 2014 , 9, e93248	3.7	22

105	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
104	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
103	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
102	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
101	Stir bar sorptive extraction and its application. <i>Journal of Chromatography A</i> , 2021 , 1637, 461810	4.5	21
100	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
99	Myocardin-related transcription factors are required for skeletal muscle development. <i>Development (Cambridge)</i> , 2016 , 143, 2853-61	6.6	19
98	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111110	7	19
97	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
96	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
95	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
94	Magnetic quantitative analysis for multiplex glycoprotein with polymer-based elemental tags. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 1112	3.7	18
93	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
92	Porous organic frameworks-based (micro)extraction. <i>Journal of Chromatography A</i> , 2020 , 1609, 460477	4.5	18
91	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
90	Arsenic speciation in tree moss by mass spectrometry based hyphenated techniques. <i>Talanta</i> , 2018 , 183, 48-54	6.2	17
89	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
88	Increase in Cancer Center Staff Effort Related to Electronic Patient Portal Use. <i>Journal of Oncology Practice</i> , 2016 , 12, e981-e990	3.1	17

87	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
86	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
85	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
84	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
83	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
82	Chip-based monolithic microextraction combined with ICP-MS for the determination of bismuth in HepG2 cells. <i>Journal of Analytical Atomic Spectrometry</i> , 2016 , 31, 1391-1399	3.7	15
81	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
80	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
79	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 , 143, 32-41	3.1	14
78	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
77	Application of inductively coupled plasma mass spectrometry in the study of apoptosis: determination of caspase-3 using a gold nanoparticle tag. <i>Analyst, The</i> , 2016 , 141, 926-33	5	14
76	Ion pair hollow fiber liquid-liquid-liquid microextraction combined with capillary electrophoresis-ultraviolet detection for the determination of thyroid hormones in human serum. <i>Journal of Chromatography A</i> , 2014 , 1356, 23-31	4.5	14
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