

Beibei Chen

List of Publications by Year in descending order

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219
papers

10,470
citations

31976

53
h-index

49909

87
g-index

222
all docs

222
docs citations

222
times ranked

12020
citing authors

#	ARTICLE	IF	CITATIONS
1	The U6 snRNA m 6 A Methyltransferase METTL16 Regulates SAM Synthetase Intron Retention. <i>Cell</i> , 2017, 169, 824-835.e14.	28.9	756
2	Noncoding RNA NORAD Regulates Genomic Stability by Sequestering PUMILIO Proteins. <i>Cell</i> , 2016, 164, 69-80.	28.9	723
3	A community computational challenge to predict the activity of pairs of compounds. <i>Nature Biotechnology</i> , 2014, 32, 1213-1222.	17.5	264
4	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017, 542, 197-202.	27.8	232
5	Magnetic Zr-MOFs nanocomposites for rapid removal of heavy metal ions and dyes from water. <i>Chemosphere</i> , 2018, 199, 435-444.	8.2	225
6	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.	10.3	191
7	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.	10.3	179
8	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.	5.5	161
9	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, 266-272.	5.5	161
10	Speciation of mercury in water and fish samples by HPLC-ICP-MS after magnetic solid phase extraction. <i>Talanta</i> , 2017, 171, 213-219.	5.5	145
11	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.	5.4	145
12	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, 458-466.	5.5	129
13	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, 93-99.	5.5	127
14	A Twist2-dependent progenitor cell contributes to adult skeletal muscle. <i>Nature Cell Biology</i> , 2017, 19, 202-213.	10.3	118
15	Cellular uptake, elimination and toxicity of CdSe/ZnS quantum dots in HepG2 cells. <i>Biomaterials</i> , 2013, 34, 9545-9558.	11.4	115
16	Nanometer-sized materials for solid-phase extraction of trace elements. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2685-2710.	3.7	114
17	Notch Inhibition Enhances Cardiac Reprogramming by Increasing MEF2C Transcriptional Activity. <i>Stem Cell Reports</i> , 2017, 8, 548-560.	4.8	108
18	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.	3.7	105

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19	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.	6.7	101
20	Recent developments in stir bar sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2001-2026.	3.7	95
21	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.	3.0	93
22	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</i> , The, 2015, 140, 5619-5626.	3.5	93
23	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.	3.7	93
24	Predictors and Intensity of Online Access to Electronic Medical Records Among Patients With Cancer. <i>Journal of Oncology Practice</i> , 2014, 10, e307-e312.	2.5	90
25	ZNF281 enhances cardiac reprogramming by modulating cardiac and inflammatory gene expression. <i>Genes and Development</i> , 2017, 31, 1770-1783.	5.9	87
26	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.	6.5	86
27	Size-dependent cytotoxicity study of ZnO nanoparticles in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 337-346.	6.0	86
28	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.	3.7	82
29	Liquid phase microextraction for the analysis of trace elements and their speciation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 14-30.	2.9	78
30	Characterization and causes of land subsidence in Beijing, China. <i>International Journal of Remote Sensing</i> , 2017, 38, 808-826.	2.9	77
31	Aptamer-Based Dual-Functional Probe for Rapid and Specific Counting and Imaging of MCF-7 Cells. <i>Analytical Chemistry</i> , 2018, 90, 2355-2361.	6.5	77
32	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.	5.5	75
33	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.	3.7	73
34	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020, 1, 533-545.	18.2	73
35	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.	6.5	71
36	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.	3.7	69

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37	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.	3.7	67
38	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.	3.7	67
39	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.	10.1	66
40	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, 8082-8089.	6.5	65
41	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.	3.6	65
42	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.	11.4	65
43	PUMILIO hyperactivity drives premature aging of Norad-deficient mice. <i>ELife</i> , 2019, 8, .	6.0	65
44	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.	10.1	62
45	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.	2.9	61
46	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, 213-220.	5.5	61
47	Stir bar sorptive extraction and its application. <i>Journal of Chromatography A</i> , 2021, 1637, 461810.	3.7	61
48	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.	3.7	60
49	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.	3.7	59
50	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.	3.7	58
51	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.	3.7	57
52	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.	5.5	57
53	Ionic liquids improved reversed-phase HPLC on-line coupled with ICP-MS for selenium speciation. <i>Talanta</i> , 2011, 83, 724-731.	5.5	56
54	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.	3.0	56

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55	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.	3.0	55
56	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.	2.7	54
57	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.	3.7	53
58	Spatial correlation between land subsidence and urbanization in Beijing, China. <i>Natural Hazards</i> , 2015, 75, 2637-2652.	3.4	53
59	Thiol-Functionalized Magnetic Porous Organic Polymers for Highly Efficient Removal of Mercury. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 13696-13703.	3.7	52
60	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.	3.7	51
61	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</i> , The, 2016, 141, 1286-1293.	3.5	50
62	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111110.	6.0	50
63	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, .	7.1	50
64	Composition of Intracellular Protein Corona around Nanoparticles during Internalization. <i>ACS Nano</i> , 2021, 15, 3108-3122.	14.6	49
65	Immunoaffinity monolithic capillary microextraction coupled with ICP-MS for immunoassay with quantum dot labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1674.	3.0	46
66	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.	3.7	46
67	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.	10.3	46
68	Myocardin-related transcription factors are required for cardiac development and function. <i>Developmental Biology</i> , 2015, 406, 109-116.	2.0	44
69	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.	5.5	44
70	Quantum Dots Labeling Strategy for “Counting and Visualization” of HepG2 Cells. <i>Analytical Chemistry</i> , 2017, 89, 1879-1886.	6.5	43
71	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.	6.5	43
72	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</i> , The, 2011, 136, 3934.	3.5	42

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73	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.	3.7	41
74	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.	6.5	41
75	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.	6.5	41
76	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, 2894-2900.	1.5	40
77	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, 8949-8956.	6.5	40
78	KLHL41 stabilizes skeletal muscle sarcomeres by nonproteolytic ubiquitination. <i>ELife</i> , 2017, 6, .	6.0	40
79	Polymer monolithic capillary microextraction combined online with inductively coupled plasma MS for the determination of trace rare earth elements in biological samples. <i>Journal of Separation Science</i> , 2013, 36, 2158-2167.	2.5	39
80	One-pot synthesis of zeolitic imidazolate framework-8/poly (methyl methacrylate-ethyleneglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 samples followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2017, 1524, 57-65.	3.7	39
81	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, 10494-10500.	5.2	38
82	Membrane protected C18 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.	3.7	38
83	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, 310-318.	5.5	38
84	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.	5.5	38
85	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.	5.5	38
86	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, 180-186.	5.5	37
87	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, 1789-1796.	6.5	37
88	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.	2.9	37
89	Metallomics Study of CdSe/ZnS Quantum Dots in HepG2 Cells. <i>ACS Nano</i> , 2015, 9, 10324-10334.	14.6	35
90	An integrative somatic mutation analysis to identify pathways linked with survival outcomes across 19 cancer types. <i>Bioinformatics</i> , 2016, 32, 1643-1651.	4.1	35

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91	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.	3.7	35
92	Dihydromyricetin Inhibits $\text{A}\beta$ -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.	5.2	35
93	Recent advances in single-cell analysis by inductively coupled plasma-mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2020, 1137, 191-207.	5.4	35
94	Automated dynamic hollow fiber 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.	3.7	34
95	Speciation of mercury in various samples from the micro-ecosystem of East Lake by hollow fiber-liquid-liquid microextraction-HPLC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 875-881.	3.0	34
96	Upconversion nanoparticle as elemental tag for the determination of alpha-fetoprotein in human serum by inductively coupled plasma mass spectrometry. <i>Analyst, The</i> , 2017, 142, 197-205.	3.5	34
97	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.	3.0	34
98	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.	5.5	34
99	Loss of <i>Dis3l2</i> partially phenocopies Perlman syndrome in mice and results in up-regulation of <i>Igf2</i> in nephron progenitor cells. <i>Genes and Development</i> , 2018, 32, 903-908.	5.9	34
100	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.	6.5	34
101	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.	2.9	34
102	Magnetic quantitative immunoanalysis of carcinoembryonic antigen by ICP-MS with mercury labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1217.	3.0	33
103	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.	3.0	32
104	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.	6.5	32
105	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.	5.5	32
106	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.	3.5	31
107	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.	3.0	31
108	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.	5.5	31

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109	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.	5.5	31
110	Porous organic frameworks-based (micro)extraction. <i>Journal of Chromatography A</i> , 2020, 1609, 460477.	3.7	31
111	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.	3.7	31
112	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.	3.0	30
113	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, 10-17.	3.7	30
114	Oxygen vacancies dependent Au nanoparticle deposition and CO oxidation. <i>RSC Advances</i> , 2016, 6, 87978-87987.	3.6	30
115	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, 474-480.	5.5	29
116	A multifunctional probe for ICP-MS determination and multimodal imaging of cancer cells. <i>Biosensors and Bioelectronics</i> , 2017, 96, 77-83.	10.1	29
117	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.	3.7	29
118	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.	5.0	29
119	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, 2247-2254.	2.5	28
120	Myocardin-related transcription factors are required for skeletal muscle development. <i>Development (Cambridge)</i> , 2016, 143, 2853-61.	2.5	28
121	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.	2.9	27
122	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.	6.7	27
123	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.	3.6	26
124	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> , 2020, 187, 48.	5.0	25
125	Increase in Cancer Center Staff Effort Related to Electronic Patient Portal Use. <i>Journal of Oncology Practice</i> , 2016, 12, e981-e990.	2.5	24
126	Arsenic speciation in tree moss by mass spectrometry based hyphenated techniques. <i>Talanta</i> , 2018, 183, 48-54.	5.5	24

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127	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.	3.0	23
128	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.	2.9	23
129	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.	5.4	23
130	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.	3.7	23
131	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.	5.5	23
132	A Model-Based Approach to Identify Binding Sites in CLIP-Seq Data. <i>PLoS ONE</i> , 2014, 9, e93248.	2.5	22
133	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.	3.7	22
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