

Beibei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

219
papers

10,470
citations

31902

53
h-index

49773

87
g-index

222
all docs

222
docs citations

222
times ranked

12020
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of cadmium containing metabolites in HepG2 cells after treatment with cadmium-selenium quantum dots. <i>Chinese Chemical Letters</i> , 2023, 34, 107262.	4.8	4
2	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.	1.1	2
3	Tolcapone Derivative (Tol-D) Inhibits A β 242 Fibrillogenesis and Ameliorates A β 242-Induced Cytotoxicity and Cognitive Impairment. <i>ACS Chemical Neuroscience</i> , 2022, 13, 638-647.	1.7	2
4	Amino functionalized magnetic covalent organic framework for magnetic solid-phase extraction of sulfonylurea herbicides in environmental samples from tobacco land. <i>Journal of Separation Science</i> , 2022, 45, 1746-1756.	1.3	16
5	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.	2.9	3
6	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.	4.0	4
7	Core-shell magnetic porous organic polymer for magnetic solid-phase extraction of fluoroquinolone antibiotics in honey samples followed by high-performance liquid chromatography with fluorescence detection. <i>Journal of Separation Science</i> , 2022, 45, 874-882.	1.3	17
8	Agarose-Droplet-Based Digital LAMP Assay for Counting Virus DNA in Single-Particle ICP-MS. <i>Analytical Chemistry</i> , 2022, 94, 6582-6590.	3.2	9
9	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.	1.8	9
10	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.	2.9	23
11	Negative Magnetophoresis Focusing Microchips Online-Coupled with ICP-MS for High-Throughput Single-Cell Analysis. <i>Analytical Chemistry</i> , 2022, 94, 6649-6656.	3.2	13
12	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.	1.8	5
13	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, 1212, 339938.	2.6	9
14	Single Particle Inductively Coupled Plasma Mass Spectrometry-Based Homogeneous Detection of HBV DNA with Rolling Circle Amplification-Induced Gold Nanoparticle Agglomeration. <i>Analytical Chemistry</i> , 2022, 94, 10011-10018.	3.2	8
15	Sustainable method towards magnetic ordered mesoporous polymers for efficient Methylene Blue removal. <i>Journal of Environmental Sciences</i> , 2021, 99, 168-174.	3.2	8
16	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.	1.3	3
17	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.	3.2	43
18	Stir bar sorptive extraction and its application. <i>Journal of Chromatography A</i> , 2021, 1637, 461810.	1.8	61

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19	Tumor-suppressor function of Beclin 1 in breast cancer cells requires E-cadherin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	50
20	Preparation of functional magnetic porous organic polymer as sorbent for mercury speciation followed by HPLC-ICP-MS analysis. Journal of Analytical Atomic Spectrometry, 2021, 36, 1568-1575.	1.6	8
21	Analysis of Main Components in Jujube and Mulberry Extracts by High-Sensitive HPLC-ESI-Q-TOF-MS/MS. Journal of Chromatographic Science, 2021, 59, 806-812.	0.7	4
22	Composition of Intracellular Protein Corona around Nanoparticles during Internalization. ACS Nano, 2021, 15, 3108-3122.	7.3	49
23	A Homogeneous Multicomponent Nucleic Acid Enzyme Assay for Universal Nucleic Acid Detection by Single-Particle Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2021, 93, 4952-4959.	3.2	19
24	Thiol-grafted magnetic polymer for preconcentration of Cd, Hg, Pb from environmental water followed by inductively coupled plasma mass spectrometry detection. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 177, 106071.	1.5	34
25	A dual-functional magnetic microsphere for ICP-MS quantification and fluorescence imaging of matrix metalloproteinase 2 in cell secretion. Analytica Chimica Acta, 2021, 1161, 338479.	2.6	3
26	Elemental Mass Spectrometry and Fluorescence Dual-Mode Strategy for Ultrasensitive Label-Free Detection of HBV DNA. Analytical Chemistry, 2021, 93, 9454-9461.	3.2	19
27	Reduced graphene oxide coated nickel foam for stir bar sorptive extraction of benzotriazole ultraviolet absorbents from environmental water. Talanta, 2021, 231, 122332.	2.9	12
28	Magnetic nanomaterials as sorbents for trace elements analysis in environmental and biological samples. Talanta, 2021, 230, 122306.	2.9	11
29	Bromine and iodine species in drinking water supply system along the Changjiang River in China: Occurrence and transformation. Water Research, 2021, 202, 117401.	5.3	14
30	The amino - functionalized magnetic graphene oxide combined with graphite furnace atomic absorption spectrometry for determination of trace inorganic arsenic species in water samples. Talanta, 2021, 232, 122425.	2.9	16
31	Combined effects of different sizes of ZnO and ZIF-8 nanoparticles co-exposure with Cd ²⁺ on HepG2 cells. Science of the Total Environment, 2021, 786, 147402.	3.9	3
32	One-step synthesis of mercapto modified hierarchical porous polymer capillary monolithic column for chip based array microextraction of mercury species in cells. Chemical Engineering Journal, 2021, 420, 130414.	6.6	8
33	Highly integrated and one-step triggered cascade DNA walker based on entropy-driven catalytic and DNzyme amplification. Sensors and Actuators B: Chemical, 2021, 345, 130370.	4.0	13
34	Analysis of arsenic binding proteins in HepG2 cells based on a biotinylated phenylarsenite probe. Analytica Chimica Acta, 2021, 1183, 339007.	2.6	3
35	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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 184, 106273.	1.5	9
36	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. Journal of Chromatography A, 2021, 1659, 462647.	1.8	16

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37	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.	2.6	15
38	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.	1.8	13
39	DNA Tetrahedron-Based MNase for Sensitive Detection of microRNA with Elemental Tagging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59076-59084.	4.0	12
40	Magnetic nanoparticle sorbents. , 2020, , 235-284.		13
41	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.	2.9	57
42	Porous organic frameworks-based (micro)extraction. <i>Journal of Chromatography A</i> , 2020, 1609, 460477.	1.8	31
43	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.	2.6	15
44	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.	1.3	5
45	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.	1.8	21
46	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.	1.3	18
47	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.	1.5	12
48	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.	2.5	25
49	Phosphoric acid functionalized magnetic sorbents for selective enrichment of TiO ₂ nanoparticles in surface water followed by inductively coupled plasma mass spectrometry detection. <i>Science of the Total Environment</i> , 2020, 703, 135464.	3.9	9
50	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.	1.8	31
51	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.	2.6	23
52	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111110.	2.9	50
53	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.	2.9	10
54	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.	3.2	17

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55	Recent advances in single-cell analysis by inductively coupled plasma-mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2020, 1137, 191-207.	2.6	35
56	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.	3.2	14
57	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.	1.8	23
58	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.	1.5	15
59	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.	3.2	41
60	eIF5B drives integrated stress response-dependent translation of PD-L1 in lung cancer. <i>Nature Cancer</i> , 2020, 1, 533-545.	5.7	73
61	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.	3.2	41
62	Integration of sub-organ quantitative imaging LA-ICP-MS and fractionation reveals differences in translocation and transformation of CeO ₂ and Ce ³⁺ in mice. <i>Analytica Chimica Acta</i> , 2019, 1082, 18-29.	2.6	11
63	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.	3.2	34
64	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.	1.0	6
65	Monolithic capillary microextraction combined with ICP-MS for the determination of TiO ₂ NPs in environmental water samples. <i>Talanta</i> , 2019, 197, 334-340.	2.9	7
66	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.	1.8	51
67	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.	2.5	12
68	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.	2.5	20
69	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.	2.9	9
70	Dihydromyricetin Inhibits α -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.	2.4	35
71	J-Aggregation of Perylene Diimides in Silica Nanocapsules for Stable Near-Infrared Photothermal Conversion. <i>ACS Applied Bio Materials</i> , 2019, 2, 1569-1577.	2.3	18
72	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.	1.8	57

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73	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.	2.9	44
74	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</i> , 2019, 144, 2736-2745.	1.7	16
75	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.	3.4	27
76	Fe ₃ O ₄ 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.	2.5	20
77	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.	1.8	69
78	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.	2.5	29
79	Size-dependent cytotoxicity study of ZnO nanoparticles in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 337-346.	2.9	86
80	PUMILIO hyperactivity drives premature aging of Norad-deficient mice. <i>ELife</i> , 2019, 8, .	2.8	65
81	Arsenic speciation in tree moss by mass spectrometry based hyphenated techniques. <i>Talanta</i> , 2018, 183, 48-54.	2.9	24
82	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.	1.5	21
83	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.	1.8	22
84	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.	1.6	17
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.	2.9	38
86	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.	1.8	35
87	Magnetic Zr-MOFs nanocomposites for rapid removal of heavy metal ions and dyes from water. <i>Chemosphere</i> , 2018, 199, 435-444.	4.2	225
88	Aptamer-Based Dual-Functional Probe for Rapid and Specific Counting and Imaging of MCF-7 Cells. <i>Analytical Chemistry</i> , 2018, 90, 2355-2361.	3.2	77
89	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.	2.9	34
90	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.	2.9	31

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91	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.	2.9	31
92	A dual-functional probe for quantification and imaging of intracellular telomerase. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 164-171.	4.0	18
93	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.	2.9	11
94	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.	1.8	29
95	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.	2.7	34
96	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.	3.2	17
97	Facile Fabrication of N-Doped Magnetic Porous Carbon for Highly Efficient Mercury Removal. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10191-10199.	3.2	22
98	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.	2.9	12
99	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.	2.9	12
100	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.	2.5	11
101	Quantum Dots Labeling Strategy for α -Counting and Visualization of HepG2 Cells. <i>Analytical Chemistry</i> , 2017, 89, 1879-1886.	3.2	43
102	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. <i>Nature</i> , 2017, 542, 197-202.	13.7	232
103	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.	1.8	46
104	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.	1.7	26
105	A Twist2-dependent progenitor cell contributes to adult skeletal muscle. <i>Nature Cell Biology</i> , 2017, 19, 202-213.	4.6	118
106	Notch Inhibition Enhances Cardiac Reprogramming by Increasing MEF2C Transcriptional Activity. <i>Stem Cell Reports</i> , 2017, 8, 548-560.	2.3	108
107	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.	2.9	11
108	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.	3.2	86

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109	A multifunctional probe for ICP-MS determination and multimodal imaging of cancer cells. <i>Biosensors and Bioelectronics</i> , 2017, 96, 77-83.	5.3	29
110	In vitro study on antagonism mechanism of glutathione, sodium selenite and mercuric chloride. <i>Talanta</i> , 2017, 171, 262-269.	2.9	5
111	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.	1.6	4
112	Speciation of mercury in water and fish samples by HPLC-ICP-MS after magnetic solid phase extraction. <i>Talanta</i> , 2017, 171, 213-219.	2.9	145
113	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.	1.5	17
114	The U6 snRNA m6A Methyltransferase METTL16 Regulates SAM Synthetase Intron Retention. <i>Cell</i> , 2017, 169, 824-835.e14.	13.5	756
115	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.	2.9	38
116	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.	5.2	46
117	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.	3.2	32
118	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.	5.8	65
119	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.	3.2	101
120	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.	2.6	145
121	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.	2.9	32
122	Upconversion nanoparticle as elemental tag for the determination of alpha-fetoprotein in human serum by inductively coupled plasma mass spectrometry. <i>Analyst</i> , 2017, 142, 197-205.	1.7	34
123	Characterization and causes of land subsidence in Beijing, China. <i>International Journal of Remote Sensing</i> , 2017, 38, 808-826.	1.3	77
124	Size-Based Analysis of Au NPs by Online Monolithic Capillary Microextraction-ICPMS. <i>Analytical Chemistry</i> , 2017, 89, 560-564.	3.2	16
125	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.	1.6	34
126	One-pot synthesis of zeolitic imidazolate framework-8/poly (methyl methacrylate-ethyleneglycol) samples followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2017, 1524, 57-65.	1.8	39

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127	ZNF281 enhances cardiac reprogramming by modulating cardiac and inflammatory gene expression. <i>Genes and Development</i> , 2017, 31, 1770-1783.	2.7	87
128	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.	1.8	73
129	Magnetic sulfur-doped porous carbon for preconcentration of trace mercury in environmental water prior to ICP-MS detection. <i>Analyst</i> , 2017, 142, 4570-4579.	1.7	31
130	Thiol-Functionalized Magnetic Porous Organic Polymers for Highly Efficient Removal of Mercury. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 13696-13703.	1.8	52
131	Selenocystine against methyl mercury cytotoxicity in HepG2 cells. <i>Scientific Reports</i> , 2017, 7, 147.	1.6	20
132	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.	1.5	20
133	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.	5.3	66
134	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.	1.6	31
135	MED12 regulates a transcriptional network of calcium-handling genes in the heart. <i>JCI Insight</i> , 2017, 2, .	2.3	18
136	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.	1.5	37
137	KLHL41 stabilizes skeletal muscle sarcomeres by nonproteolytic ubiquitination. <i>ELife</i> , 2017, 6, .	2.8	40
138	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
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162	Cancer center staff effort related to electronic patient portal use: A growing demand.. <i>Journal of Clinical Oncology</i> , 2016, 34, e18012-e18012.	0.8	0

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164	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.	1.5	27
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177	Metallomics Study of CdSe/ZnS Quantum Dots in HepG2 Cells. <i>ACS Nano</i> , 2015, 9, 10324-10334.	7.3	35
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201	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.	1.6	56
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218	Immunoaffinity monolithic capillary microextraction coupled with ICP-MS for immunoassay with quantum dot labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2010, 25, 1674.	1.6	46
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