

Bin Hu

List of Publications by Year in descending order

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376
papers

17,050
citations

13087

68
h-index

32815

100
g-index

380
all docs

380
docs citations

380
times ranked

10916
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	Effects of nano-TiO ₂ on the bioavailability and toxicity of bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate (TBPH) in developing zebrafish. <i>Chemosphere</i> , 2022, 295, 133862.	4.2	8
3	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
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	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
14	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
15	Reduction-active Fe ₃ O ₄ -loaded micelles with aggregation-enhanced MRI contrast for differential diagnosis of Neuroglioma. <i>Biomaterials</i> , 2021, 268, 120531.	5.7	26
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	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.	1.6	8
20	Composition of Intracellular Protein Corona around Nanoparticles during Internalization. <i>ACS Nano</i> , 2021, 15, 3108-3122.	7.3	49
21	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.	3.2	19
22	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.	1.5	34
23	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.	2.6	3
24	Elemental Mass Spectrometry and Fluorescence Dual-Mode Strategy for Ultrasensitive Label-Free Detection of HBV DNA. <i>Analytical Chemistry</i> , 2021, 93, 9454-9461.	3.2	19
25	Reduced graphene oxide coated nickel foam for stir bar sorptive extraction of benzotriazole ultraviolet absorbents from environmental water. <i>Talanta</i> , 2021, 231, 122332.	2.9	12
26	Magnetic nanomaterials as sorbents for trace elements analysis in environmental and biological samples. <i>Talanta</i> , 2021, 230, 122306.	2.9	11
27	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.	5.3	14
28	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.	2.9	16
29	Combined effects of different sizes of ZnO and ZIF-8 nanoparticles co-exposure with Cd ²⁺ on HepG2 cells. <i>Science of the Total Environment</i> , 2021, 786, 147402.	3.9	3
30	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.	6.6	8
31	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.	4.0	13
32	Analysis of arsenic binding proteins in HepG2 cells based on a biotinylated phenylarsenite probe. <i>Analytica Chimica Acta</i> , 2021, 1183, 339007.	2.6	3
33	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.	1.5	9
34	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.	1.8	16
35	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
36	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

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37	Modulation of Oxidative Stress in Cancer Cells with a Biomineralized Converter. , 2021, 3, 1778-1785.		3
38	DNA Tetrahedron-Based MNzyme for Sensitive Detection of microRNA with Elemental Tagging. ACS Applied Materials & Interfaces, 2021, 13, 59076-59084.	4.0	12
39	Magnetic nanoparticle sorbents. , 2020, , 235-284.		13
40	Simultaneous speciation of inorganic selenium and tellurium in environmental water samples by polyaniline functionalized magnetic solid phase extraction coupled with ICP-MS detection. Talanta, 2020, 207, 120314.	2.9	57
41	Porous organic frameworks-based (micro)extraction. Journal of Chromatography A, 2020, 1609, 460477.	1.8	31
42	Dual-mode detection of avian influenza virions (H9N2) by ICP-MS and fluorescence after quantum dot labeling with immuno-rolling circle amplification. Analytica Chimica Acta, 2020, 1096, 18-25.	2.6	15
43	Magnetic porous organic polymers for extraction of cardiovascular drugs in human urine samples followed by HPLC-UV. Analytical Methods, 2020, 12, 141-148.	1.3	5
44	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. Journal of Chromatography A, 2020, 1616, 460793.	1.8	21
45	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. Journal of Separation Science, 2020, 43, 1137-1144.	1.3	18
46	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. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 164, 105751.	1.5	12
47	Magnetic metal-organic framework composites for dual-column solid-phase microextraction combined with ICP-MS for speciation of trace levels of arsenic. Mikrochimica Acta, 2020, 187, 48.	2.5	25
48	Phosphoric acid functionalized magnetic sorbents for selective enrichment of TiO ₂ nanoparticles in surface water followed by inductively coupled plasma mass spectrometry detection. Science of the Total Environment, 2020, 703, 135464.	3.9	9
49	Porous aromatic framework coated stir bar sorptive extraction coupled with high performance liquid chromatography for the analysis of triazine herbicides in maize samples. Journal of Chromatography A, 2020, 1614, 460728.	1.8	31
50	A nanoprobe based on molybdenum disulfide nanosheets and silver nanoclusters for imaging and quantification of intracellular adenosine triphosphate. Analytica Chimica Acta, 2020, 1134, 75-83.	2.6	23
51	Size- and dose-dependent cytotoxicity of ZIF-8 based on single cell analysis. Ecotoxicology and Environmental Safety, 2020, 205, 111110.	2.9	50
52	Study on cytotoxicity, cellular uptake and elimination of rare-earth-doped upconversion nanoparticles in human hepatocellular carcinoma cells. Ecotoxicology and Environmental Safety, 2020, 203, 110951.	2.9	10
53	Droplet-Splitting Microchip Online Coupled with Time-Resolved ICPMS for Analysis of Released Fe and Pt in Single Cells Treated with FePt Nanoparticles. Analytical Chemistry, 2020, 92, 12208-12215.	3.2	17
54	Recent advances in single-cell analysis by inductively coupled plasma-mass spectrometry: A review. Analytica Chimica Acta, 2020, 1137, 191-207.	2.6	35

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55	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
56	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
57	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
58	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
59	Glucose-functionalized near-infrared Ag ₂ Se quantum dots with renal excretion ability for long-term <i>in vivo</i> tumor imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5782-5788.	2.9	30
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	Separation methods applied to arsenic speciation. <i>Comprehensive Analytical Chemistry</i> , 2019, 85, 89-144.	0.7	4
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	Size-dependent cytotoxicity study of ZnO nanoparticles in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 337-346.	2.9	86
78	Arsenic speciation in tree moss by mass spectrometry based hyphenated techniques. <i>Talanta</i> , 2018, 183, 48-54.	2.9	24
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.	1.5	21
80	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
81	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
82	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
83	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
84	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
85	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
86	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
87	Switchable solvent based liquid phase microextraction of trace lead and cadmium from environmental and biological samples prior to graphite furnace atomic absorption spectrometry detection. <i>Microchemical Journal</i> , 2018, 139, 380-385.	2.3	53
88	Living cell synthesis of CdSe quantum dots: Manipulation based on the transformation mechanism of intracellular Se-precursors. <i>Nano Research</i> , 2018, 11, 2498-2511.	5.8	23
89	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
90	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

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91	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
92	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
93	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
94	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
95	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
96	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
97	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
98	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
99	Quantum Dots Labeling Strategy for α -Counting and Visualization of HepG2 Cells. <i>Analytical Chemistry</i> , 2017, 89, 1879-1886.	3.2	43
100	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
101	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
102	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
103	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
104	Titelbild: Methylated Phenylarsenical Metabolites Discovered in Chicken Liver (<i>Angew. Chem.</i> 24/2017). <i>Angewandte Chemie</i> , 2017, 129, 6779-6779.	1.6	1
105	Methylated Phenylarsenical Metabolites Discovered in Chicken Liver. <i>Angewandte Chemie</i> , 2017, 129, 6877-6881.	1.6	7
106	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
107	In vitro study on antagonism mechanism of glutathione, sodium selenite and mercuric chloride. <i>Talanta</i> , 2017, 171, 262-269.	2.9	5
108	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

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109	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
110	Methylated Phenylarsenical Metabolites Discovered in Chicken Liver. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6773-6777.	7.2	39
111	3. Separation/Preconcentration Techniques for Rare Earth Elements Analysis. , 2017, , 14-73.		1
112	6. Inductively Coupled Plasma Optical Emission Spectrometry for Rare Earth Elements Analysis. , 2017, , 145-196.		0
113	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
114	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
115	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
116	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
117	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
118	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
119	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.	1.7	34
120	Size-Based Analysis of Au NPs by Online Monolithic Capillary Microextraction-ICPMS. <i>Analytical Chemistry</i> , 2017, 89, 560-564.	3.2	16
121	Highly Efficient Magnetic Nitrogen-Doped Porous Carbon Prepared by One-Step Carbonization Strategy for Hg ²⁺ Removal from Water. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2550-2559.	4.0	65
122	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
123	One-pot synthesis of zeolitic imidazolate framework-8/poly (methyl methacrylate-ethyleneglycol) Tj ETQq1 1 0.784314 rgBT /Overlock 1 samples followed by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , 2017, 1524, 57-65.	1.8	39
124	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
125	3D-Printed Microflow Injection Analysis Platform for Online Magnetic Nanoparticle Sorptive Extraction of Antimicrobials in Biological Specimens as a Front End to Liquid Chromatographic Assays. <i>Analytical Chemistry</i> , 2017, 89, 12541-12549.	3.2	40
126	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.	1.7	31

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127	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
128	Selenocystine against methyl mercury cytotoxicity in HepG2 cells. <i>Scientific Reports</i> , 2017, 7, 147.	1.6	20
129	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
130	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
131	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
132	Inductively Coupled Plasma Optical Emission Spectrometry for Rare Earth Elements Analysis. <i>ChemistrySelect</i> , 2017, 2, .	0.7	5
133	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
134	Separation/Preconcentration Techniques for Rare Earth Elements Analysis. <i>ChemistrySelect</i> , 2016, 1, .	0.7	5
135	Membrane supported liquid-liquid-liquid microextraction combined with field-amplified sample injection CE-UV for high-sensitivity analysis of six cardiovascular drugs in human urine sample. <i>Electrophoresis</i> , 2016, 37, 1201-1211.	1.3	10
136	Ultra-trace determination of gold nanoparticles in environmental water by surfactant assisted dispersive liquid liquid microextraction coupled with electrothermal vaporization-inductively coupled plasma - mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 122, 94-102.	1.5	26
137	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.	1.6	17
138	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.	2.9	29
139	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.	2.9	75
140	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.	5.3	62
141	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.	1.8	38
142	Preparation, characterization and application of <i>Saussurea tridactyla</i> 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.	1.5	21
143	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.	1.3	11
144	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.	1.8	93

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145	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.	1.8	58
146	Dissecting the Factors Affecting the Fluorescence Stability of Quantum Dots in Live Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8401-8408.	4.0	27
147	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, 1286-1293.	1.7	50
148	Arsenic Metabolites, Including <i>N</i> -Acetyl-4-hydroxy-m-arsanilic Acid, in Chicken Litter from a Roxarsone-Feeding Study Involving 1600 Chickens. <i>Environmental Science & Technology</i> , 2016, 50, 6737-6743.	4.6	60
149	Multi-wall carbon nanotubes chemically modified silica microcolumn preconcentration/separation combined with inductively coupled plasma optical emission spectrometry for the determination of trace elements in environmental waters. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 212-224.	1.8	9
150	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.	5.2	191
151	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.	2.9	38
152	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, 926-933.	1.7	16
153	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.	3.2	71
154	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.	1.6	15
155	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.	2.9	127
156	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.	1.8	34
157	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
158	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.	3.2	37
159	Nanometer-sized materials for solid-phase extraction of trace elements. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2685-2710.	1.9	114
160	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.	1.5	61
161	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.	3.2	40
162	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.	2.9	61

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163	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, 5619-5626.	1.7	93
164	In vivo study of immunogenicity and kinetic characteristics of a quantum dot-labelled baculovirus. <i>Biomaterials</i> , 2015, 64, 78-87.	5.7	6
165	Solidification of floating organic drop microextraction combined with gas chromatography-flame photometric detection for the analysis of organophosphorus pesticides in water samples. <i>Analytical Methods</i> , 2015, 7, 6182-6189.	1.3	10
166	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.	5.2	179
167	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.	1.8	82
168	Restricted accessed nanoparticles for direct magnetic solid phase extraction of trace metal ions from human fluids followed by inductively coupled plasma mass spectrometry detection. <i>Analyst, The</i> , 2015, 140, 4298-4306.	1.7	31
169	Ti-containing mesoporous silica packed microcolumn separation/preconcentration combined with inductively coupled plasma-mass spectrometry for the determination of trace Cr, Cu, Cd and Pb in environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1386-1394.	1.6	16
170	Cyromazine imprinted polymers for selective stir bar sorptive extraction of melamine in animal feed and milk samples. <i>Analyst, The</i> , 2015, 140, 4057-4067.	1.7	24
171	Metallomics Study of CdSe/ZnS Quantum Dots in HepG2 Cells. <i>ACS Nano</i> , 2015, 9, 10324-10334.	7.3	35
172	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.	1.8	60
173	Hollow fiber based liquid-liquid microextraction combined with sweeping micellar electrokinetic chromatography for the sensitive determination of second-generation antidepressants in human fluids. <i>Analyst, The</i> , 2015, 140, 1662-1671.	1.7	19
174	TiO ₂ -coated Hollow Fiber Microextraction Combined with Electrothermal Vaporization-Inductively Coupled Plasma-Mass Spectrometry for Trace Elements Analysis in Environmental Water Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 1313-1321.	0.9	2
175	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.	1.7	65
176	C ₁₈ -coated stir bar sorptive extraction combined with HPLC-ICP-MS for the speciation of butyltins in environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 162-171.	1.6	14
177	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.	1.6	34
178	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.	2.9	161
179	3 Novel Materials in Solid-Phase Microextraction and Related Sample Preparation Approaches. , 2014, , 88-190.		0
180	Metal Organic Framework [Cu ₃ (BTC) ₂ (H ₂ O) ₃] for the adsorption of methylene blue from aqueous solution. <i>Desalination and Water Treatment</i> , 2014, 52, 7332-7338.	1.0	14

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181	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.	2.9	161
182	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.	2.9	129
183	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.	1.6	55
184	The adsorption on magnetic hybrid Fe ₃ O ₄ /HKUST-1/GO of methylene blue from water solution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1795-1801.	5.2	106
185	Recent developments in stir bar sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2001-2026.	1.9	95
186	Liquid chromatography combined with atomic and molecular mass spectrometry for speciation of arsenic in chicken liver. <i>Journal of Chromatography A</i> , 2014, 1370, 40-49.	1.8	48
187	Development of novel sol-gel coatings by chemically bonded ionic liquids for stir bar sorptive extraction application for the determination of NSAIDs in real samples. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7261-7273.	1.9	67
188	Magnetic quantitative analysis for multiplex glycoprotein with polymer-based elemental tags. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1112.	1.6	19
189	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.	1.3	54
190	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.	1.5	23
191	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.	3.2	65
192	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.	1.8	59
193	Chiral speciation of selenoamino acids in biological samples. <i>Journal of Chromatography A</i> , 2014, 1363, 62-70.	1.8	11
194	Membrane-supported 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.	1.8	30
195	Ion pair hollow fiber 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.	1.8	19
196	Preparation and characterization of magnetic nanoparticles for the on-line determination of gold, palladium, and platinum in mine samples based on flow injection micro-column preconcentration coupled with graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2014, 118, 231-237.	2.9	41
197	A MOF/graphite oxide hybrid (MOF: HKUST-1) material for the adsorption of methylene blue from aqueous solution. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10292.	5.2	261
198	Preparation, Characterization, and Application of Graphene-Zinc Oxide Composites (G-ZnO) for the Adsorption of Cu(II), Pb(II), and Cr(III). <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 2395-2401.	1.0	40

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199	Restricted accessed material-copper(II) ion imprinted polymer solid phase extraction combined with inductively coupled plasma-optical emission spectrometry for the determination of free Cu(II) in urine and serum samples. <i>Talanta</i> , 2013, 116, 1040-1046.	2.9	45
200	Analysis of preservatives with different polarities in beverage samples by dual-phase dual stir bar sorptive extraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1278, 8-15.	1.8	30
201	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.	1.8	105
202	Cellular uptake, elimination and toxicity of CdSe/ZnS quantum dots in HepG2 cells. <i>Biomaterials</i> , 2013, 34, 9545-9558.	5.7	115
203	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
204	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.	1.8	67
205	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.	1.6	30
206	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.	1.6	32
207	Dispersive liquid liquid microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the speciation of inorganic selenium in environmental water samples. <i>Talanta</i> , 2013, 115, 730-736.	2.9	50
208	Stir bar sorptive extraction combined with high performance liquid chromatography-ultraviolet/inductively coupled plasma mass spectrometry for analysis of thyroxine in urine samples. <i>Journal of Chromatography A</i> , 2013, 1318, 49-57.	1.8	30
209	Polymer monolithic capillary microextraction combined on-line with inductively coupled plasma <sc>MS</sc> for the determination of trace rare earth elements in biological samples. <i>Journal of Separation Science</i> , 2013, 36, 2158-2167.	1.3	39
210	Amino modified multi-walled carbon nanotubes/polydimethylsiloxane coated stir bar sorptive extraction coupled to high performance liquid chromatography-ultraviolet detection for the determination of phenols in environmental samples. <i>Journal of Chromatography A</i> , 2013, 1300, 165-172.	1.8	69
211	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.	1.8	67
212	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.	1.6	23
213	Liquid phase microextraction for the analysis of trace elements and their speciation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2013, 86, 14-30.	1.5	78
214	Capillary microextraction combined with fluorinating assisted electrothermal vaporization inductively coupled plasma optical emission spectrometry for the determination of trace lanthanum, europium, dysprosium and yttrium in human hair. <i>Talanta</i> , 2013, 115, 342-348.	2.9	21
215	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.	2.4	38
216	Dithizone modified magnetic nanoparticles for fast and selective solid phase extraction of trace elements in environmental and biological samples prior to their determination by ICP-OES. <i>Talanta</i> , 2012, 88, 507-515.	2.9	139

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217	C18-coated stir bar sorptive extraction combined with high performance liquid chromatography–electrospray tandem mass spectrometry for the analysis of sulfonamides in milk and milk powder. <i>Talanta</i> , 2012, 90, 77-84.	2.9	59
218	Solidified floating organic drop microextraction combined with ETV-ICP-MS for the determination of trace heavy metals in environmental water samples. <i>Talanta</i> , 2012, 94, 70-76.	2.9	49
219	Light-induced pH change and its application to solid phase extraction of trace heavy metals by high-magnetization Fe ₃ O ₄ @SiO ₂ @TiO ₂ nanoparticles followed by inductively coupled plasma mass spectrometry detection. <i>Talanta</i> , 2012, 94, 278-283.	2.9	68
220	Cadmium (II) imprinted 3-mercaptopropyltrimethoxysilane coated stir bar for selective extraction of trace cadmium from environmental water samples followed by inductively coupled plasma mass spectrometry detection. <i>Analytica Chimica Acta</i> , 2012, 723, 54-60.	2.6	77
221	Zirconia coated stir bar sorptive extraction combined with large volume sample stacking capillary electrophoresis-indirect ultraviolet detection for the determination of chemical warfare agent degradation products in water samples. <i>Journal of Chromatography A</i> , 2012, 1247, 49-56.	1.8	37
222	Nanometer-sized alumina packed microcolumn solid-phase extraction combined with field-amplified sample stacking–capillary electrophoresis for the speciation analysis of inorganic selenium in environmental water samples. <i>Electrophoresis</i> , 2012, 33, 2953-2960.	1.3	24
223	Phase transfer hollow fiber liquid phase microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of trace heavy metals in environmental and biological samples. <i>Talanta</i> , 2012, 101, 516-523.	2.9	28
224	Stir bar sorptive extraction approaches with a home-made portable electric stirrer for the analysis of polycyclic aromatic hydrocarbon compounds in environmental water. <i>Journal of Chromatography A</i> , 2012, 1260, 16-24.	1.8	45
225	Chiral speciation and determination of selenomethionine enantiomers in selenized yeast by ligand-exchange micellar electrokinetic capillary chromatography after solid phase extraction. <i>Journal of Chromatography A</i> , 2012, 1268, 173-179.	1.8	23
226	High polar organic–inorganic hybrid coating stir bar sorptive extraction combined with high performance liquid chromatography–inductively coupled plasma mass spectrometry for the speciation of seleno-amino acids and seleno-oligopeptides in biological samples. <i>Journal of Chromatography A</i> , 2012, 1256, 32-39.	1.8	31
227	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.	1.8	41
228	Synthesis and characterization of titania hollow fiber and its application to the microextraction of trace metals. <i>Analyst</i> , The, 2011, 136, 1425.	1.7	25
229	Magnetic quantitative immunoanalysis of carcinoembryonic antigen by ICP-MS with mercury labels. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1217.	1.6	33
230	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.	1.7	42
231	Mn(II) imprinted 3-mercaptopropyltrimethoxysilane (MPTS)-silica coated capillary microextraction on-line hyphenated with inductively coupled plasma mass spectrometry for the determination of trace Mn(II) in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1521.	1.6	16
232	Ionic liquids improved reversed-phase HPLC on-line coupled with ICP-MS for selenium speciation. <i>Talanta</i> , 2011, 83, 724-731.	2.9	56
233	Thermo-responsive polymer coated fiber-in-tube capillary microextraction and its application to on-line determination of Co, Ni and Cd by inductively coupled plasma mass spectrometry (ICP-MS). <i>Talanta</i> , 2011, 85, 1166-1173.	2.9	37
234	Phase transfer membrane supported liquid–liquid–liquid microextraction combined with large volume sample injection capillary electrophoresis–ultraviolet detection for the speciation of inorganic and organic mercury. <i>Journal of Chromatography A</i> , 2011, 1218, 9414-9421.	1.8	35

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235	Fast and selective magnetic solid phase extraction of trace Cd, Mn and Pb in environmental and biological samples and their determination by ICP-MS. <i>Mikrochimica Acta</i> , 2011, 175, 121-128.	2.5	78
236	Determination of some refractory elements and Pb by fluorination assisted electrothermal vaporization inductively coupled plasma mass spectrometry with platform and wall vaporization. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 163-169.	1.5	7
237	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.	1.3	28
238	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.	1.8	53
239	Sensitive determination of phenylarsenic compounds based on a dual preconcentration method with capillary electrophoresis/UV detection. <i>Journal of Chromatography A</i> , 2011, 1218, 4779-4787.	1.8	34
240	Membrane solid phase microextraction with alumina hollow fiber on line coupled with ICP-OES for the determination of trace copper, manganese and nickel in environmental water samples. <i>Journal of Hazardous Materials</i> , 2011, 187, 379-385.	6.5	63
241	On-line separation/preconcentration of V(IV)/V(V) in environmental water samples with CTAB-modified alkyl silica microcolumn and their determination by inductively coupled plasma-optical emission spectrometry. <i>Journal of Hazardous Materials</i> , 2010, 178, 164-170.	6.5	26
242	Automated stir plate (bar) sorptive extraction coupled to high-performance liquid chromatography for the determination of polycyclic aromatic hydrocarbons. <i>Journal of Separation Science</i> , 2010, 33, 2176-2183.	1.3	19
243	Dual-column capillary microextraction (CME) combined with electrothermal vaporization inductively coupled plasma mass spectrometry (ETV-ICP-MS) for the speciation of arsenic in human hair extracts. <i>Journal of Mass Spectrometry</i> , 2010, 45, 205-214.	0.7	31
244	Hollow fiber-liquid phase microextraction combined with gas chromatography for the determination of phenothiazine drugs in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1599-1604.	1.2	38
245	Cloud point extraction with/without chelating agent on-line coupled with inductively coupled plasma optical emission spectrometry for the determination of trace rare earth elements in biological samples. <i>Journal of Hazardous Materials</i> , 2010, 174, 534-540.	6.5	83
246	Micro-column preconcentration/separation using thiacalix[4]arene tetracarboxylate derivative modified mesoporous TiO ₂ as packing materials on-line coupled to inductively coupled plasma optical emission spectrometry for the determination of trace heavy metals in environmental water samples. <i>Microchemical Journal</i> , 2010, 95, 90-95.	2.3	31
247	pH-resistant titania hybrid organic-inorganic coating for stir bar sorptive extraction of drugs of abuse in urine samples followed by high performance liquid chromatography-ultraviolet visible detection. <i>Journal of Chromatography A</i> , 2010, 1217, 7003-7009.	1.8	34
248	Principle and Application of Ambient Mass Spectrometry for Direct Analysis of Complex Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 1069-1088.	0.9	64
249	Extractive Electrospray Ionization Mass Spectrometry for Sensitive Detection of Uranyl Species in Natural Water Samples. <i>Analytical Chemistry</i> , 2010, 82, 282-289.	3.2	61
250	Headspace trapping of the hydrides on a Pd(II)-coated graphite adsorptive bar as a microextraction method for ETV-ICP-MS determination of Se, Te and Bi in seawater and human hair samples. <i>Talanta</i> , 2010, 81, 578-585.	2.9	21
251	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.	1.6	93
252	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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253	Separation and determination of seleno amino acids using gas chromatography hyphenated with inductively coupled plasma mass spectrometry after hollow fiber liquid phase microextraction. <i>Journal of Mass Spectrometry</i> , 2009, 44, 605-612.	0.7	34
254	Sol-gel polydimethylsiloxane/poly(vinylalcohol)-coated stir bar sorptive extraction of organophosphorus pesticides in honey and their determination by large volume injection GC. <i>Journal of Separation Science</i> , 2009, 32, 147-153.	1.3	86
255	Hollow fiber liquid phase microextraction combined with electrothermal atomic absorption spectrometry for the speciation of arsenic (III) and arsenic (V) in fresh waters and human hair extracts. <i>Analytica Chimica Acta</i> , 2009, 634, 15-21.	2.6	84
256	Preconcentration/Separation of Gold and Palladium by a Microcolumn Packed with Azadirachta Indica Leaf Powder and Their Determination in Geological Samples by ICP-OES. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 469-476.	1.7	13
257	Microcolumn Separation/Preconcentration Combined with Fluorinating Electrothermal Vaporisation-Inductively Coupled Plasma-Mass Spectrometry for Determination of Trace Refractory Elements in Seawater, Soil and Sediment. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 385-396.	1.7	7
258	Separation and preconcentration of inorganic arsenic species in natural water samples with 3-(2-aminoethylamino) propyltrimethoxysilane modified ordered mesoporous silica micro-column and their determination by inductively coupled plasma optical emission spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 164, 1146-1151.	6.5	90
259	Solvent bar microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the speciation of inorganic arsenic in water samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 679-684.	1.5	31
260	Simultaneous determination of several phytohormones in natural coconut juice by hollow fiber-based liquid-liquid microextraction-high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7657-7663.	1.8	131
261	Preparation of polydimethylsiloxane/ β -cyclodextrin/divinylbenzene coated dumbbell-shaped stir bar and its application to the analysis of polycyclic aromatic hydrocarbons and polycyclic aromatic sulfur heterocycles compounds in lake water and soil by high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2009, 641, 75-82.	2.6	98
262	Capillary microextraction (CME) and its application to trace elements analysis and their speciation. <i>Analytica Chimica Acta</i> , 2009, 650, 23-32.	2.6	30
263	Separation/preconcentration of trace amounts of Cr, Cu and Pb in environmental samples by magnetic solid-phase extraction with Bismuthiol-II-immobilized magnetic nanoparticles and their determination by ICP-OES. <i>Talanta</i> , 2009, 77, 1579-1583.	2.9	190
264	Chitosan modified ordered mesoporous silica as micro-column packing materials for on-line flow injection-inductively coupled plasma optical emission spectrometry determination of trace heavy metals in environmental water samples. <i>Talanta</i> , 2009, 78, 491-497.	2.9	114
265	Speciation of selenomethionine and selenocystine using online micro-column containing Cu(II) loaded nanometer-sized Al ₂ O ₃ coupled with ICP-MS detection. <i>Talanta</i> , 2009, 79, 734-738.	2.9	25
266	Dual silica monolithic capillary microextraction (CME) on-line coupled with ICP-MS for sequential determination of inorganic arsenic and selenium species in natural waters. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1051.	1.6	44
267	Headspace stir bar sorptive extraction combined with GC-ICP-MS for the speciation of dimethylselenide and dimethyldiselenide in biological samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 297.	1.6	21
268	Polymer monolith microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of trace Cd, Tl, and Pb in human serum and urine. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 76-82.	1.6	33
269	Silica-coated magnetic nanoparticles modified with γ -mercaptopropyltrimethoxysilane for fast and selective solid phase extraction of trace amounts of Cd, Cu, Hg, and Pb in environmental and biological samples prior to their determination by inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 437-444.	1.5	367
270	Ionic liquids based single drop microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for determination of Co, Hg and Pb in biological and environmental samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 1290-1296.	1.5	134

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271	Determination of trace Cd and Pb in natural waters by direct single drop microextraction combined with electrothermal atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2008, 161, 101-107.	2.5	55
272	Organic and inorganic selenium speciation in environmental and biological samples by nanometer-sized materials packed dual-column separation/preconcentration on-line coupled with ICP-MS. <i>Journal of Mass Spectrometry</i> , 2008, 43, 336-345.	0.7	45
273	Speciation of inorganic tellurium from seawater by ICP-MS following magnetic SPE separation and preconcentration. <i>Journal of Separation Science</i> , 2008, 31, 760-767.	1.3	103
274	Headspace single drop and hollow fiber liquid phase microextractions for HPLC determination of phenols. <i>Journal of Separation Science</i> , 2008, 31, 3772-3781.	1.3	29
275	High-sensitivity capillary electrophoresis for speciation of organomercury in biological samples using hollow fiber-based liquid-liquid microextraction combined with on-line preconcentration by large-volume sample stacking. <i>Electrophoresis</i> , 2008, 29, 3081-3089.	1.3	30
276	Polycarbonate microspheres containing tumor necrosis factor- α genes and magnetic powder as potential cancer therapeutics. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3343-3349.	1.3	10
277	Novel bimodal porous N-(2-aminoethyl)-3-aminopropyltrimethoxysilane-silica monolithic capillary microextraction and its application to the fractionation of aluminum in rainwater and fruit juice by electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 9-18.	1.5	48
278	Hollow fiber liquid phase microextraction combined with graphite furnace atomic absorption spectrometry for the determination of methylmercury in human hair and sludge samples. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 770-776.	1.5	59
279	Simultaneous separation and speciation of inorganic As(III)/As(V) and Cr(III)/Cr(VI) in natural waters utilizing capillary microextraction on ordered mesoporous Al ₂ O ₃ prior to their on-line determination by ICP-MS. <i>Journal of Hazardous Materials</i> , 2008, 151, 58-64.	6.5	67
280	Determination of Cd, Co, Ni and Pb in biological samples by microcolumn packed with black stone (Pierre noire) online coupled with ICP-OES. <i>Journal of Hazardous Materials</i> , 2008, 157, 410-417.	6.5	70
281	Comparison of dual solvent-stir bars microextraction and U-shaped hollow fiber liquid phase microextraction for the analysis of Sudan dyes in food samples by high-performance liquid chromatography-ultraviolet/mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1188, 124-131.	1.8	110
282	Preparation of sol-gel polyethylene glycol-polydimethylsiloxane-poly(vinyl alcohol)-coated sorptive bar for the determination of organic sulfur compounds in water. <i>Journal of Chromatography A</i> , 2008, 1202, 102-106.	1.8	38
283	Speciation of butyltin compounds in environmental and biological samples using headspace single drop microextraction coupled with gas chromatography-inductively coupled plasma mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1211, 135-141.	1.8	80
284	Comparison of hollow fiber liquid phase microextraction and dispersive liquid-liquid microextraction for the determination of organosulfur pesticides in environmental and beverage samples by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 2008, 1193, 7-18.	1.8	213
285	Simultaneous speciation of inorganic selenium and antimony in water samples by electrothermal vaporization inductively coupled plasma mass spectrometry following selective cloud point extraction. <i>Water Research</i> , 2008, 42, 1195-1203.	5.3	66
286	Headspace single drop microextraction combined with HPLC for the determination of trace polycyclic aromatic hydrocarbons in environmental samples. <i>Talanta</i> , 2008, 74, 470-477.	2.9	72
287	Dispersive liquid phase microextraction (DLPME) combined with graphite furnace atomic absorption spectrometry (GFAAS) for determination of trace Co and Ni in environmental water and rice samples. <i>Talanta</i> , 2008, 74, 1160-1165.	2.9	151
288	Chromium(III)-imprinted silica gel for speciation analysis of chromium in environmental water samples with ICP-MS detection. <i>Talanta</i> , 2008, 75, 536-543.	2.9	147

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289	On-line separation and preconcentration of inorganic arsenic and selenium species in natural water samples with CTAB-modified alkyl silica microcolumn and determination by inductively coupled plasma-optical emission spectrometry. <i>Talanta</i> , 2008, 76, 772-779.	2.9	91
290	ICP-AES Determination of Trace Rare Earth Elements in Environmental and Food Samples by On-line Separation and Preconcentration with Acetylacetone-modified Silica Gel Using Microcolumn. <i>Analytical Sciences</i> , 2007, 23, 997-1002.	0.8	48
291	Simultaneous on-line preconcentration and determination of trace metals in environmental samples using a modified nanometer-sized alumina packed micro-column by flow injection combined with ICP-OES. <i>Talanta</i> , 2007, 71, 1239-1245.	2.9	67
292	Hollow-fibre liquid phase microextraction for separation and preconcentration of vanadium species in natural waters and their determination by electrothermal vaporization-ICP-OES. <i>Talanta</i> , 2007, 72, 472-479.	2.9	56
293	Mesoporous titanium dioxide as a novel solid-phase extraction material for flow injection micro-column preconcentration on-line coupled with ICP-OES determination of trace metals in environmental samples. <i>Talanta</i> , 2007, 73, 274-281.	2.9	110
294	MPTS-silica coated capillary microextraction on line hyphenated with inductively coupled plasma atomic emission spectrometry for the determination of Cu, Hg and Pb in biological samples. <i>Talanta</i> , 2007, 73, 372-379.	2.9	44
295	Online YPA4Resin Microcolumn Separation/Preconcentration Coupled with Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) for the Speciation Analysis of Mercury in Seafood. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10129-10134.	2.4	15
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297	A novel capillary microextraction on ordered mesoporous titania coating combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of V, Cr and Cu in environmental and biological samples. <i>Journal of Mass Spectrometry</i> , 2007, 42, 467-475.	0.7	35
298	Hollow-fiber liquid-phase microextraction prior to low-temperature electrothermal vaporization ICP-MS for trace element analysis in environmental and biological samples. <i>Journal of Mass Spectrometry</i> , 2007, 42, 803-810.	0.7	82
299	Novel combined stir bar sorptive extraction coupled with ultrasonic assisted extraction for the determination of brominated flame retardants in environmental samples using high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1160, 71-80.	1.8	73
300	Hollow fiber-based liquid-liquid microextraction combined with high-performance liquid chromatography for the speciation of organomercury. <i>Journal of Chromatography A</i> , 2007, 1173, 44-51.	1.8	75
301	Determination of trace rare earth elements in environmental samples by low temperature electrothermal vaporization inductively coupled plasma mass spectrometry after synergistic extraction with dimethylheptyl methyl phosphate and 1-phenyl-3-methyl-4-benzoyl-pyrazalone-5. <i>Analytica Chimica Acta</i> , 2007, 594, 61-68.	2.6	22
302	A new ion-imprinted silica gel sorbent for on-line selective solid-phase extraction of dysprosium(III) with detection by inductively coupled plasma-atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2007, 597, 12-18.	2.6	63
303	Simultaneous speciation of inorganic arsenic and antimony in natural waters by dimercaptosuccinic acid modified mesoporous titanium dioxide micro-column on-line separation and inductively coupled plasma optical emission spectrometry determination. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 454-460.	1.5	94
304	Sequential cloud point extraction for the speciation of mercury in seafood by inductively coupled plasma optical emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2007, 62, 1153-1160.	1.5	67
305	Nanometer-sized zirconium dioxide microcolumn separation/preconcentration of trace metals and their determination by ICP-OES in environmental and biological samples. <i>Mikrochimica Acta</i> , 2007, 159, 379-385.	2.5	56
306	Determination of trace rare earth elements in natural water by electrothermal vaporization ICP-MS with pivaloyltrifluoroacetone as chemical modifier. <i>Mikrochimica Acta</i> , 2007, 159, 269-275.	2.5	26

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308	Preparation of a high pH-resistant AAPTS-silica coating and its application to capillary microextraction (CME) of Cu, Zn, Ni, Hg and Cd from biological samples followed by on-line ICP-MS detection. <i>Analytica Chimica Acta</i> , 2007, 605, 1-10.	2.6	55
309	Speciation of Chromium in Water Samples by Cloud Point Extraction Combined with Low Temperature Electrothermal Vaporization ICP-OES. <i>Analytical Letters</i> , 2006, 39, 809-822.	1.0	31
310	Hollow fiber liquid phase microextraction combined with electrothermal vaporization ICP-MS for the speciation of inorganic selenium in natural waters. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 362.	1.6	90
311	Volatilization of Cr, Co, Mn and Ni as their pyrrolidinedicarbodithioate chelates from electrothermal vaporizer for sample introduction in inductively coupled plasma optical emission spectrometry. <i>Talanta</i> , 2006, 68, 1359-1365.	2.9	12
312	Optimization of a single-drop microextraction procedure for the determination of organophosphorus pesticides in water and fruit juice with gas chromatography-flame photometric detection. <i>Talanta</i> , 2006, 69, 848-855.	2.9	171
313	Microcolumn packed with YPA4 chelating resin on-line separation/preconcentration combined with graphite furnace atomic absorption spectrometry using Pd as a permanent modifier for the determination of trace mercury in water samples. <i>Talanta</i> , 2006, 70, 7-13.	2.9	29
314	Determination of trace Cd and Pb in environmental and biological samples by ETV-ICP-MS after single-drop microextraction. <i>Talanta</i> , 2006, 70, 468-473.	2.9	110
315	Determination of refractory elements in atmospheric particulates using slurry sampling electrothermal vaporization inductively coupled plasma optical emission spectrometry and inductively coupled plasma mass spectrometry with polyvinylidene fluoride as chemical modifier. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2091-2098.	0.7	10
316	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.	0.7	40
317	Sol-gel zirconia coating capillary microextraction on-line hyphenated with inductively coupled plasma mass spectrometry for the determination of Cr, Cu, Cd and Pb in biological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3527-3534.	0.7	39
318	Determination of the Trace Refractory Elements V, Nb and Ta in Environmental Samples by ICP-MS After Separation and Preconcentration with Nanometre-Sized Alumina Microcolumns Following Chemical Modification by Gallic Acid. <i>Geostandards and Geoanalytical Research</i> , 2006, 30, 97-105.	2.0	9
319	Speciation of dissolved Fe(II) and Fe(III) in environmental water samples by micro-column packed with N-benzoyl-N-phenylhydroxylamine loaded on microcrystalline naphthalene and determination by electrothermal vaporization inductively coupled plasma-optical emission spectrometry. <i>Analytica Chimica Acta</i> , 2006, 559, 113-119.	2.6	68
320	On-line preconcentration and separation of Co, Ni and Cd via capillary microextraction on ordered mesoporous alumina coating and determination by inductively plasma mass spectrometry (ICP-MS). <i>Analytica Chimica Acta</i> , 2006, 572, 55-62.	2.6	95
321	On-line cloud point extraction combined with electrothermal vaporization inductively coupled plasma atomic emission spectrometry for the speciation of inorganic antimony in environmental and biological samples. <i>Analytica Chimica Acta</i> , 2006, 576, 207-214.	2.6	94
322	Comparison of headspace and direct single-drop microextraction and headspace solid-phase microextraction for the measurement of volatile sulfur compounds in beer and beverage by gas chromatography with flame photometric detection. <i>Journal of Chromatography A</i> , 2006, 1125, 133-137.	1.8	68
323	Comparative Studies on Chemical Modification by Diethyldithiocarbamate for ETV-ICP-OES and ETAAS Determination of Chromium and Nickel. <i>Mikrochimica Acta</i> , 2006, 153, 211-217.	2.5	7
324	Simultaneously Direct Determination Trace Elements and its Distribution in Ancient Tooth Samples by Slurry Sampling-Electrothermal Vaporization Inductively Coupled Plasma Mass Spectrometry. <i>Mikrochimica Acta</i> , 2006, 154, 247-252.	2.5	12

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325	Zirconia-coated graphite adsorption bar micro-extraction combined with ETV-ICP-MS for the determination of trace amounts of Cd, Hg and Pb in environmental and biological samples. <i>Journal of Mass Spectrometry</i> , 2006, 41, 887-893.	0.7	12
326	A comparison of slurry sampling electrothermal vaporization and slurry nebulization inductively coupled plasma mass spectrometry for the direct determination of trace impurities in titanium dioxide powder. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1378-1385.	0.7	16
327	Speciation analysis of vanadium in natural water samples by electrothermal vaporization inductively coupled plasma optical emission spectrometry after separation/preconcentration with thenoyltrifluoroacetone immobilized on microcrystalline naphthalene. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 65-71.	1.5	62
328	Direct determination of trace rare earth elements in ancient porcelain samples with slurry sampling electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 1342-1348.	1.5	28
329	Electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of trace amount of lanthanides and yttrium in soil with polytetrafluoroethylene emulsion as a chemical modifier. <i>Analytica Chimica Acta</i> , 2005, 530, 105-112.	2.6	36
330	Simultaneous on-line preconcentration and determination of trace metals in environmental samples by flow injection combined with inductively coupled plasma mass spectrometry using a nanometer-sized alumina packed micro-column. <i>Analytica Chimica Acta</i> , 2005, 540, 333-339.	2.6	176
331	Speciation of dissolved iron(ii) and iron(iii) in environmental water samples by gallic acid-modified nanometer-sized alumina micro-column separation and ICP-MS determination. <i>Analyst, The</i> , 2005, 130, 1175.	1.7	55
332	8-Hydroxyquinoline- κ^2 -chloroform single drop microextraction and electrothermal vaporization ICP-MS for the fractionation of aluminium in natural waters and drinks. <i>Journal of Analytical Atomic Spectrometry</i> , 2005, 20, 441-446.	1.6	99
333	Cloud point extraction for speciation of chromium in water samples by electrothermal atomic absorption spectrometry. <i>Water Research</i> , 2005, 39, 589-595.	5.3	119
334	Speciation of vanadium in water with quinine modified resin micro-column separation/preconcentration and their determination by fluorination assisted electrothermal vaporization (FETV)-inductively coupled plasma optical emission spectrometry (ICP-OES). <i>Talanta</i> , 2005, 67, 854-861.	2.9	28
335	Use of Chelating Resin YPA4 Micro-Columns for the On-Line Preconcentration and Separation of Gold(III), Silver(I), Palladium(II) and Platinum(IV) in Geological and Environmental Samples and Their Determination by Inductively Coupled Plasma-Atomic Emission Spectrometry. <i>Geostandards and Geoanalytical Research</i> , 2004, 28, 383-390.	2.0	11
336	On-Line Separation and Preconcentration of Trace Metals in Biological Samples Using a Microcolumn Loaded with PAN-Modified Nanometer-Sized Titanium Dioxide, and Their Determination by ICP-AES. <i>Mikrochimica Acta</i> , 2004, 144, 227-231.	2.5	36
337	In-Situ Separation and Determination of Palladium from Platinum Based on Different Vaporization Temperatures by Electrothermal Vaporization Inductively Coupled Plasma Optical Emission Spectrometry with YPA4 Resin Acting Both as Adsorption Material and Chemical Modifier. <i>Mikrochimica Acta</i> , 2004, 148, 279-284.	2.5	8
338	Low-temperature electrothermal vaporization of thenoyltrifluoroacetone complex of Sc(III) and Y(III) for sample introduction in an inductively coupled plasma atomic emission spectrometry, and their determination in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 456-459.	1.9	13
339	Direct determination of trace refractory elements in human serum by ETV-ICP-MS with in-situ matrix removal. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 1076-82.	1.9	17
340	Determination of platinum, palladium and rhodium in biological and environmental samples by low temperature electrothermal vaporization inductively coupled plasma atomic emission spectrometry with diethyldithiocarbamate as chemical modifier. <i>Analytica Chimica Acta</i> , 2004, 510, 45-51.	2.6	57
341	Single-Drop Microextraction Combined with Low-Temperature Electrothermal Vaporization ICPMS for the Determination of Trace Be, Co, Pd, and Cd in Biological Samples. <i>Analytical Chemistry</i> , 2004, 76, 2910-2915.	3.2	160
342	Direct determination of trace impurities in niobium pentoxide solid powder with slurry sampling fluorination assisted electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 387.	1.6	38

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344	Î ³ -MPTMS modified nanometer-sized alumina micro-column separation and preconcentration of trace amounts of Hg, Cu, Au and Pd in biological, environmental and geological samples and their determination by inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 984-989.	1.6	99
345	Speciation of Aluminum in Drink Samples by 8-Hydroxyquinoline Loaded Silylanization Silica Gel Microcolumn Separation with Off-Line ICP-MS Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6843-6847.	2.4	17
346	Electrothermal vaporization inductively coupled plasma atomic emission spectrometry determination of gold, palladium, and platinum using chelating resin YPA4 as both extractant and chemical modifier. <i>Talanta</i> , 2004, 63, 585-592.	2.9	76
347	Speciation of Cr(III) and Cr(VI) by nanometer titanium dioxide micro-column and inductively coupled plasma atomic emission spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2003, 58, 1709-1714.	1.5	99
348	Speciation of Fe(III) and Fe(II) in water samples by liquid-liquid extraction combined with low-temperature electrothermal vaporization (ETV) ICP-AES. <i>International Journal of Environmental Analytical Chemistry</i> , 2003, 83, 953-962.	1.8	35
349	ICP-AES Detection of Ultratrace Aluminum(III) and Chromium(III) Ions with a Microcolumn Preconcentration System Using Dynamically Immobilized 8-Hydroxyquinoline on TiO ₂ Nanoparticles. <i>Analytical Sciences</i> , 2003, 19, 1167-1171.	0.8	41
350	Adsorption Behavior of Noble Metal Ions (Au, Ag, Pd) on Nanometer-size Titanium Dioxide with ICP-AES. <i>Analytical Sciences</i> , 2003, 19, 1417-1420.	0.8	55
351	STUDY ON THE CHEMICAL MODIFICATION OF ACETYLACETONE IN GRAPHITE FURNACE ATOMIC ABSORPTION SPECTROMETRY DETERMINATION OF TRACE ALUMINIUM. <i>Analytical Letters</i> , 2002, 35, 2593-2602.	1.0	3
352	Direct Analysis of Trace Rare Earth Elements by Fluorination Assisted ETV-ICP-AES with Slurry Sampling through Nano-Sized TiO ₂ Separation/Preconcentration.. <i>Analytical Sciences</i> , 2002, 18, 843-846.	0.8	22
353	Speciation of Cr III and Cr VI in Aqueous Samples by Coprecipitation/Slurry Sampling Fluorination Assisted Graphite Furnace Atomic Absorption Spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 387-393.	1.8	44
354	Low temperature vaporization for ICP-AES determination of palladium in geological samples using sample introduction of gaseous palladium oxinate. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 121-124.	1.6	19
355	Speciation of chromium(III) and chromium(VI) by in situ separation and sequential determination with electrothermal vaporization inductively coupled plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2002, 471, 121-126.	2.6	26
356	Nanometer-sized titanium dioxide micro-column on-line preconcentration of La, Y, Yb, Eu, Dy and their determination by inductively coupled plasma atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 863-866.	1.6	109
357	Preconcentration of lanthanum, europium and ytterbium with tribromoarsenazo ⁺ cetylpyridinium bromide supported on microcrystalline naphthalene and their determinations by inductively coupled plasma atomic emission spectrometry. <i>Talanta</i> , 2001, 55, 85-91.	2.9	34
358	Electrothermal volatilization of aluminum as 1-phenyl-3-methyl-4-benzoylpyrazolone[5] chelate for gaseous sample introduction in ICP-AES. <i>Talanta</i> , 2001, 55, 841-845.	2.9	7
359	Slurry sampling fluorination assisted electrothermal vaporization-inductively coupled plasma-atomic emission spectrometry for the direct determination of metal impurities in aluminium oxide ceramic powders. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 369, 461-465.	1.5	14
360	In-situ separation of chromium(III) and chromium(VI) and sequential ETV-ICP-AES determination using acetylacetone and PTFE as chemical modifiers. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 370, 904-908.	1.5	12

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362	Low-temperature volatilization of Be acetylacetonate for sample introduction in ETV-ICP-AES. <i>Analytica Chimica Acta</i> , 2001, 439, 153-158.	2.6	19
363	Nanometer-size titanium dioxide microcolumn on-line preconcentration of trace metals and their determination by inductively coupled plasma atomic emission spectrometry in water. <i>Analytica Chimica Acta</i> , 2001, 440, 207-213.	2.6	142
364	In-situ electrothermal fluorination-assisted matrix removal, slurry sampling, graphite furnace atomic absorption spectrometry for the determination of trace-level chromium, cobalt and vanadium in zirconium dioxide powder. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 847-851.	1.6	7
365	In-situ Separation of a Matrix for the Direct Analysis of Zirconium Dioxide Powder by Electrothermal Vaporization ICP-AES with a Polytetrafluoroethylene Slurry Modifier.. <i>Analytical Sciences</i> , 2000, 16, 877-879.	0.8	4
366	Determination of Rare Earth Impurities in High-purity Lanthanum Oxide Using Electrothermal Vaporization/ICP-AES after HPLC Separation.. <i>Analytical Sciences</i> , 2000, 16, 957-961.	0.8	15
367	HPLC combined with ICP-MS for the determination of trace amounts of rare earth impurities in high-purity La ₂ O ₃ by using 2-ethylhexyl hydrogen-2-ethylhexylphosphonate resin as a stationary phase. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 367, 250-253.	1.5	10
368	Study of the adsorption behavior of heavy metal ions on nanometer-size titanium dioxide with ICP-AES. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 368, 638-640.	1.5	69
369	Direct analysis of silicon carbide by fluorination assisted electrothermal vaporization inductively coupled plasma atomic emission spectrometry using a slurry sampling technique. <i>Analyst</i> , 2000, 125, 2089-2093.	1.7	10
370	Direct determination of trace copper and chromium in silicon nitride by fluorinating electrothermal vaporization inductively coupled plasma atomic emission spectrometry with the slurry sampling technique. <i>Fresenius' Journal of Analytical Chemistry</i> , 1999, 364, 551-555.	1.5	12
371	The application of chemical modification in electrothermal vaporization-inductively coupled plasma atomic emission spectrometry. <i>Talanta</i> , 1999, 49, 357-365.	2.9	29
372	Separation/Preconcentration of Lanthanum and Europium by Micro-Column Packed with Immobilized 1-Phenyl-3-methyl-4-benzoyl-5-pyrazone on Microcrystalline Naphthalene and Determination by Electrothermal Vaporization Inductively Coupled Plasma-Atomic Emission Spectrometry.. <i>Analytical Sciences</i> , 1999, 15, 737-741.	0.8	16
373	Synthesis of copolymer of 1,3-dioxan-2-one and 2-hydro-2-oxo-1,3,2-dioxaphosphorinane. <i>Polymers for Advanced Technologies</i> , 1998, 9, 145-149.	1.6	26
374	Fluorination Assisted Electrothermal Vaporization Inductively Coupled Plasma Atomic Emission Spectrometry: An Effective Method for Direct Determination of Refractory Elements in Solid Biological Samples. <i>Microchemical Journal</i> , 1996, 53, 326-336.	2.3	36
375	Fluorination Assisted Electrothermal Vaporization-Inductively Coupled Plasma Atomic Emission Spectrometry for a Direct Determination of Chromium in Biological Materials. <i>Analytical Sciences</i> , 1991, 7, 433-436.	0.8	13
376	Slurry sample introduction with fluorinating electrothermal vaporization for the direct ICP-AES determination of boron in plant leaves. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 340, 435-438.	1.5	23