Farzaneh Shemirani

List of Publications by Year
in descending order

129 papers	3,821 citations	94381 37 h-index	168321 53 g-index
129 all docs	129 docs citations	129 times ranked	3905 citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal pollution assessment in relation to sediment properties in the coastal sediments of the southern Caspian Sea. Marine Pollution Bulletin, 2015, 92, 237-243.	2.3	165
2	Preconcentration and determination of ultra trace amounts of arsenic(III) and arsenic(V) in tap water and total arsenic in biological samples by cloud point extraction and electrothermal atomic absorption spectrometry. Talanta, 2005, 65, 882-887.	2.9	131
3	Dispersive liquid–liquid microextraction based on ionic liquid and spectrophotometric determination of mercury in water samples. International Journal of Environmental Analytical Chemistry, 2009, 89, 21-33.	1.8	111
4	Deep eutectic solvent magnetic bucky gels in developing dispersive solid phase extraction: Application for ultra trace analysis of organochlorine pesticides by GC-micro ECD using a large-volume injection technique. Talanta, 2017, 168, 73-81.	2.9	111
5	Fabrication of core–shell structured magnetic nanocellulose base polymeric ionic liquid for effective biosorption of Congo red dye. Bioresource Technology, 2016, 218, 326-334.	4.8	99
6	Anhydride functionalised calcium ferrite nanoparticles: A new selective magnetic material for enrichment of lead ions from water and food samples. Food Chemistry, 2015, 170, 131-137.	4.2	85
7	Selective and sensitive speciation analysis of Cr(VI) and Cr(III) in water samples by fiber optic-linear array detection spectrophotometry after ion pair based-surfactant assisted dispersive liquid–liquid microextraction. Journal of Hazardous Materials, 2013, 254-255, 134-140.	6.5	79
8	A new magnetic ion-imprinted polymer as a highly selective sorbent for determination of cobalt in biological and environmental samples. Talanta, 2016, 146, 244-252.	2.9	77
9	Hydrophobic Deep Eutectic Solvents in Developing Microextraction Methods Based on Solidification of Floating Drop: Application to the Trace HPLC/FLD Determination of PAHs. Chromatographia, 2018, 81, 1201-1211.	0.7	69
10	Selective ionic liquid ferrofluid based dispersive-solid phase extraction for simultaneous preconcentration/separation of lead and cadmium in milk and biological samples. Talanta, 2015, 131, 404-411.	2.9	68
11	Fabrication of a reusable magnetic multi-walled carbon nanotube–TiO_2 nanocomposite by electrostatic adsorption: enhanced photodegradation of malachite green. RSC Advances, 2015, 5, 35070-35079.	1.7	67
12	Enhanced headspace single drop microextraction method using deep eutectic solvent based magnetic bucky gels: Application to the determination of volatile aromatic hydrocarbons in water and urine samples. Journal of Separation Science, 2018, 41, 966-974.	1.3	64
13	Synthesis, Characterization, and Silver Adsorption Property of Magnetic Cellulose Xanthate from Acidic Solution: Prepared by One Step and Biogenic Approach. Industrial & Engineering Chemistry Research, 2014, 53, 14904-14912.	1.8	62
14	Preconcentration and Speciation of Chromium in Water Samples by Atomic Absorption Spectrometry after Cloud-Point Extraction. Analytical Sciences, 2003, 19, 1453-1456.	0.8	59
15	Hybrid nanosheets composed of molybdenum disulfide and reduced graphene oxide for enhanced solid phase extraction of Pb(II) and Ni(II). Mikrochimica Acta, 2017, 184, 237-244.	2.5	59
16	A comparative study of adsorption and removal of organophosphorus insecticides from aqueous solution by Zr-based MOFs. Journal of Industrial and Engineering Chemistry, 2019, 80, 83-92.	2.9	58
17	Preconcentration of trace cadmium ion using magnetic graphene nanoparticles as an efficient adsorbent. Mikrochimica Acta, 2014, 181, 181-188.	2.5	56
18	Magnetic cellulose ionomer/layered double hydroxide: An efficient anion exchange platform with enhanced diclofenac adsorption property. Carbohydrate Polymers, 2017, 157, 438-446.	5.1	56

#	Article	IF	Citations
19	Fabrication of Fe3O4@graphene oxide core-shell nanospheres for ferrofluid-based dispersive solid phase extraction as exemplified for Cd(II) as a model analyte. Mikrochimica Acta, 2016, 183, 1749-1757.	2.5	54
20	Modified surface-active ionic liquid-coated magnetic graphene oxide as a new magnetic solid phase extraction sorbent for preconcentration of trace nickel. RSC Advances, 2016, 6, 64193-64202.	1.7	53
21	A Fe3O4@SiO2@graphene quantum dot core-shell structured nanomaterial as a fluorescent probe and for magnetic removal of mercury(II) ion. Mikrochimica Acta, 2017, 184, 1621-1629.	2.5	50
22	Salt-assisted liquid-liquid microextraction of Cr(VI) ion using an ionic liquid for preconcentration prior to its determination by flame atomic absorption spectrometry. Mikrochimica Acta, 2012, 176, 143-151.	2.5	49
23	Homogeneous Liquidâ€"Liquid Extraction and Determination of Cobalt, Copper, and Nickel in Water Samples by Flame Atomic Absorption Spectrometry. Separation Science and Technology, 2007, 42, 3503-3515.	1.3	48
24	A Novel Method for Dye Removal: Ionic Liquidâ€"Based Dispersive Liquidâ€"Liquid Extraction (ILâ€"DLLE). Clean - Soil, Air, Water, 2012, 40, 290-297.	0.7	48
25	Geochemical speciation and ecological risk assessment of selected metals in the surface sediments of the northern Persian Gulf. Marine Pollution Bulletin, 2016, 109, 603-611.	2.3	48
26	Aqueous Co(II) adsorption using 8-hydroxyquinoline anchored Î³-Fe2O3@chitosan with Co(II) as imprinted ions. International Journal of Biological Macromolecules, 2016, 87, 375-384.	3.6	48
27	<i>Cuminum cyminum</i> fruits as source of luteolin- 7-<i>O</i>-glucoside, potent cytotoxic flavonoid against breast cancer cell lines. Natural Product Research, 2020, 34, 1602-1606.	1.0	47
28	Potential of amino-riched nano-structured MnFe2O4@cellulose for biosorption of toxic Cr (VI): Modeling, kinetic, equilibrium and comparing studies. International Journal of Biological Macromolecules, 2017, 104, 465-480.	3.6	45
29	Simultaneous Determination of Trace Amounts of Cobalt and Nickel in Water and Food Samples Using a Combination of Partial Least Squares Method and Dispersive Liquidâ€"Liquid Microextraction Based on Ionic Liquid. Food Analytical Methods, 2013, 6, 386-394.	1.3	44
30	Supramolecular-based dispersive liquidâ€"liquid microextraction: determination of cadmium in water and vegetable samples. Analytical Methods, 2011, 3, 1552.	1.3	42
31	Supported hydrophobic ionic liquid on magnetic nanoparticles as a new sorbent for separation and preconcentration of lead and cadmium in milk and water samples. Mikrochimica Acta, 2012, 179, 219-226.	2.5	42
32	A magnetized graphene oxide modified with 2-mercaptobenzothiazole as a selective nanosorbent for magnetic solid phase extraction of gold(III), palladium(II) and silver(I). Mikrochimica Acta, 2017, 184, 2871-2879.	2.5	41
33	PRECONCENTRATION AND DETERMINATION OF TRACE CADMIUM USING 1-(2-PYRIDYLAZO)-2-NAPHTHOL (PAN) IMMOBILIZED ON SURFACTANT-COATED ALUMINA. Analytical Letters, 2001, 34, 2179-2188.	1.0	40
34	Preconcentration of cobalt(II) using polythionine-coated Fe3O4 nanocomposite prior its determination by AAS. Mikrochimica Acta, 2016, 183, 1963-1970.	2.5	40
35	Application of dahlia-like molybdenum disulfide nanosheets for solid phase extraction of Co(II) in vegetable and water samples. Food Chemistry, 2017, 223, 8-15.	4.2	40
36	Preconcentration of chromium(III) and speciation of chromium by electrothermal atomic absorption spectrometry using cellulose adsorbent. Fresenius' Journal of Analytical Chemistry, 2001, 371, 1037-1040.	1.5	39

#	Article	IF	Citations
37	Micelle‐Mediated Extraction for Direct Spectrophotometric Determination of Trace Uranium(VI) in Water Samples. Separation Science and Technology, 2005, 40, 2527-2537.	1.3	39
38	Supramolecular‐based dispersive liquid‐liquid microextraction: A novel sample preparation technique for determination of inorganic species. Mikrochimica Acta, 2011, 173, 353-359.	2.5	39
39	Cloud Point Extraction and Preconcentration for the Determination of Cu and Ni in Natural Water by Flame Atomic Absorption Spectrometry. Separation Science and Technology, 2006, 41, 3065-3077.	1.3	37
40	Simultaneous separation and preconcentration of lead and cadmium from water and vegetable samples using a diethylenetriamine-modified magnetic graphene oxide nanocomposite. Analytical Methods, 2015, 7, 7582-7589.	1.3	37
41	A novel nanomagnetic task specific ionic liquid as a selective sorbent for the trace determination of cadmium in water and fruit samples. Talanta, 2015, 144, 1266-1272.	2.9	36
42	Nanocomposite Bead (NCB) Based on Bio-polymer Alginate Caged Magnetic Graphene Oxide Synthesized for Adsorption and Preconcentration of Lead(II) and Copper(II) Ions from Urine, Saliva and Water Samples. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2375-2387.	1.9	35
43	Easily synthesized carbon dots for determination of mercury(II) in water samples. Heliyon, 2019, 5, e01596.	1.4	35
44	Silica Gel Coated with Schiff's Base: Synthesis and Application as an Adsorbent for Cadmium, Copper, Zinc, and Nickel Determination after Preconcentration by Flame Atomic Absorption Spectrometry. Journal of Analytical Chemistry, 2004, 59, 228-233.	0.4	34
45	Laser induced thermal lens spectrometry for cobalt determination after cloud point extraction. Analytica Chimica Acta, 2006, 577, 238-243.	2.6	34
46	Cloud-point extraction, preconcentration, and spectrophotometric determination of palladium in water samples. International Journal of Environmental Analytical Chemistry, 2006, 86, 1105-1112.	1.8	33
47	Development of a cloud point extraction and preconcentration method for silver prior to flame atomic absorption spectrometry. Mikrochimica Acta, 2007, 157, 81-85.	2.5	33
48	Ionic Liquid as a Ferrofluid Carrier for Dispersive Solid Phase Extraction of Copper from Food Samples. Food Analytical Methods, 2015, 8, 1979-1989.	1.3	33
49	Simultaneous in situ derivatization and ultrasound-assisted dispersive magnetic solid phase extraction for thiamine determination by spectrofluorimetry. Talanta, 2014, 123, 71-77.	2.9	32
50	Takovite-aluminosilicate@MnFe2O4 nanocomposite, a novel magnetic adsorbent for efficient preconcentration of lead ions in food samples. Food Chemistry, 2016, 209, 241-247.	4.2	30
51	Magnetic Mixed Hemimicelles Solid-Phase Extraction of Three Food Colorants from Real Samples. Food Analytical Methods, 2014, 7, 100-108.	1.3	29
52	One-step and biogenic synthesis of magnetic Fe 3 O 4 ‐Fir sawdust composite: Application for selective preconcentration and determination of gold ions. Journal of Industrial and Engineering Chemistry, 2015, 21, 912-919.	2.9	29
53	Cloud point preconcentration and flame atomic absorption spectrometry: application to the determination of manganese in milk and water samples. European Food Research and Technology, 2006, 223, 649-653.	1.6	28
54	Supramolecular dispersive liquid‐liquid microextraction based solidification of floating organic drops for speciation and spectrophotometric determination of chromium in real samples. Analytical Methods, 2013, 5, 2971.	1.3	28

#	Article	IF	Citations
55	Applicability of diclofenac–montmorillonite as a selective sorbent for adsorption of palladium(ii); kinetic and thermodynamic studies. Analytical Methods, 2014, 6, 1875.	1.3	28
56	Simultaneous multicomponent spectrophotometric monitoring of methyl and propyl parabens using multivariate statistical methods after their preconcentration by robust ionic liquid-based dispersive liquid–liquid microextraction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 295-303.	2.0	26
57	Determination of iron(II) and iron(III) via static quenching of the fluorescence of tryptophan-protected copper nanoclusters. Mikrochimica Acta, 2020, 187, 81.	2.5	26
58	Fiber optic-linear array detection spectrophotometry in combination with dispersive liquid-liquid microextraction for preconcentration and determination of copper. Journal of Analytical Chemistry, 2010, 65, 153-158.	0.4	25
59	Determination of Trace Levels of Nickel and Manganese in Soil, Vegetable, and Water. Clean - Soil, Air, Water, 2010, 38, 1177-1183.	0.7	25
60	Graphene oxide magnetic nanocomposites for the preconcentration of trace amounts of malachite green from fish and water samples prior to determination by fiber optic-linear array detection spectrophotometry. Analytical Methods, 2014, 6, 7744-7751.	1.3	25
61	Ionic liquid modified silica sorbent for simultaneous separation and preconcentration of heavy metals from water and tobacco samples prior to their determination by flame atomic absorption spectrometry. Analytical Methods, 2012, 4, 2879.	1.3	24
62	Dispersive solid phase extraction of lead(II) using a silica nanoparticle-based ionic liquid ferrofluid. Mikrochimica Acta, 2014, 181, 1833-1841.	2.5	24
63	Trace level monitoring of pesticides in water samples using fatty acid coated magnetic nanoparticles prior to GC-MS. Analytical Methods, 2014, 6, 2988.	1.3	23
64	Carbon nanotube-based magnetic bucky gels in developing dispersive solid-phase extraction: application in rapid speciation analysis of Cr(VI) and Cr(III) in water samples. International Journal of Environmental Analytical Chemistry, 2017, 97, 1065-1079.	1.8	23
65	Dual application of facilely synthesized Fe_3O_4 nanoparticles: fast reduction of nitro compound and preparation of magnetic polyphenylthiourea nanocomposite for efficient adsorption of lead ions. RSC Advances, 2015, 5, 22224-22233.	1.7	22
66	Application of magnetic graphene-based bucky gel as an efficient green sorbent for determination of mercury in fish and water samples. Research on Chemical Intermediates, 2020, 46, 2055-2068.	1.3	22
67	Supramolecular-based dispersive liquid–liquid microextraction in high salt concentrations. Analytical Methods, 2012, 4, 1173.	1.3	21
68	Clean approach to synthesis of graphene like CuFe2O4@polysaccharide resin nanohybrid: Bifunctional compound for dye adsorption and bacterial capturing. Carbohydrate Polymers, 2017, 174, 128-136.	5.1	21
69	Poly (deep eutectic solvents) as a new class of sustainable sorbents for solid phase extraction: application for preconcentration of Pb (II) from food and water samples. Mikrochimica Acta, 2020, 187, 602.	2.5	21
70	Porous ionic liquid polymer: A reusable adsorbent with broad operating pH range for speciation of nitrate and nitrite. Scientific Reports, 2019, 9, 11130.	1.6	20
71	Synthesis of magnetically modified mesoporous nanoparticles and their application in simultaneous determination of Pb(II), Cd(II) and Cu(II). Research on Chemical Intermediates, 2018, 44, 1689-1709.	1.3	19
72	Dispersive magnetic solid phase extraction based on an ionic liquid ferrofluid. Analytical Methods, 2014, 6, 9258-9266.	1.3	18

#	Article	IF	Citations
73	A highly selective magnetic solid-phase extraction method for preconcentration of Cd(II) using N,Nâ€²-bis(salicylidene)ethylenediamine in water and food samples. Research on Chemical Intermediates, 2019, 45, 3141-3153.	1.3	18
74	Biogenic synthesis of magnetic perlite@iron oxide composite: application as a green support for dye removal. Desalination and Water Treatment, 2016, 57, 11859-11871.	1.0	17
75	Synthesis of a magnetic WO3 nanocomposite for use in highly selective preconcentration of Pb(II) prior to its quantification by FAAS. Mikrochimica Acta, 2018, 185, 421.	2.5	17
76	In situ immobilization of a general resolving agent on the magnetic multi-wall carbon nanotube for the direct enantioenrichment of dl-mandelic acid. Talanta, 2015, 144, 899-907.	2.9	16
77	Surfacted ferrofluid based dispersive solid phase extraction; a novel approach to preconcentration of cationic dye in shrimp and water samples. Food Chemistry, 2015, 185, 398-404.	4.2	16
78	Application of modified nano-Î³-alumina as an efficient adsorbent for removing malachite green (MG) from aqueous solution. Desalination and Water Treatment, 2015, 54, 758-768.	1.0	15
79	Ionic liquid-modified Fe$_3$O$_4$ nanoparticle combined with central composite design for rapid preconcentration and determination of palladium ions. Desalination and Water Treatment, 2015, 56, 814-825.	1.0	15
80	Polyol route synthesis of a Fe3O4@CuS nanohybrid for fast preconcentration of gold ions. Analytical Methods, 2016, 8, 1351-1358.	1.3	15
81	Facile synthesis of Fe3O4/MoS2 nanohybrid for solid phase extraction of Ag(I) and Pb(II): kinetic, isotherm and thermodynamic studies. International Journal of Environmental Analytical Chemistry, 2017, 97, 1328-1351.	1.8	15
82	Selective extraction and preconcentration of cerium(IV) in water samples by cloud point extraction and determination by inductively coupled plasma optical emission spectrometry. Mikrochimica Acta, 2007, 157, 223-227.	2.5	14
83	Combination of In Situ Surfactant-based Solid Phase Extraction and Central Composite Design for Preconcentration and Determination of Manganese in Food and Water Samples. Food Analytical Methods, 2012, 5, 1303-1310.	1.3	14
84	Solid phase extraction of hexavalent chromium by Mannich base polymer wrapped flower-like layered double hydroxide. International Journal of Environmental Analytical Chemistry, 2017, 97, 201-216.	1.8	14
85	Modification of a steel fiber with a graphene based bucky gel for headspace solid-phase microextraction of volatile aromatic hydrocarbons prior to their quantification by GC. Mikrochimica Acta, 2018, 185, 509.	2.5	14
86	Magnetic Mn2O3 nanocomposite covered with N,Nâ€²-bis(salicylidene)ethylenediamine for selective preconcentration of cadmium(II) prior to its quantification by FAAS. Mikrochimica Acta, 2019, 186, 487.	2.5	14
87	Extraction and preconcentration of ultra trace amounts of beryllium from aqueous samples by nanometer mesoporous silica functionalized by 2,4-dihydroxybenzaldehyde prior to ICP OES determination. Mikrochimica Acta, 2010, 169, 241-248.	2.5	13
88	Novel method for in-situ surfactant-based solid-phase extraction: application to the determination of Co(II) and Ni(II) in aqueous samples. Mikrochimica Acta, 2011, 173, 415-421.	2.5	13
89	The ultratrace detection of crystal violet in fish and environmental water samples using cold-induced aggregation microextraction based on ionic liquid (IL-CIAME). Analytical Methods, 2013, 5, 5731.	1.3	13
90	Applying Fe3O4-MoS2-chitosan nanocomposite to preconcentrate heavy metals from dairy products prior quantifying by FAAS. Research on Chemical Intermediates, 2021, 47, 3867-3881.	1.3	13

#	Article	IF	Citations
91	Separation and determination of trace level of gold from hydrochloric acid solutions using ultrasound-assisted cold-induced aggregation microextraction. Analytical Methods, 2012, 4, 1072.	1.3	12
92	Ultrasound assisted cold-induced aggregation: an improved method for trace determination of volatile phenol. Mikrochimica Acta, 2012, 177, 349-355.	2.5	12
93	Surfactant modified walnut sawdust as an alternative green support for efficient preconcentration of nickel ions from different real samples. Analytical Methods, 2013, 5, 3255.	1.3	12
94	Adsorption/desorption of acid violet-7 onto magnetic MnO2 prior to its quantification by UVâ€"visible spectroscopy: optimized by fractional factorial design. Research on Chemical Intermediates, 2020, 46, 4403-4422.	1.3	12
95	Development of a selective and pH-independent method for the analysis of ultra trace amounts of nitrite in environmental water samples after dispersive magnetic solid phase extraction by spectrofluorimetry. Talanta, 2014, 128, 354-359.	2.9	11
96	A New Derivative of Coreâ€"Shell Magnetic Chitosan Biopolymer: Synthesis, Characterization and Application for Adsorption of Lead and Copper Ions. Clean - Soil, Air, Water, 2016, 44, 710-719.	0.7	10
97	Application of Fe3O4/RGO Nanocomposite as a Sorbent of Pesticides. Chromatographia, 2017, 80, 1423-1432.	0.7	10
98	Fast Analysis of Water Samples for Trace Amount of Crystal Violet Dye Based on Solid Phase Extraction Using Nanoporous SBA-3 prior to Determination by Fiber Optic-Linear Array Detection Spectrophotometry. Journal of Chemistry, 2013, 2013, 1-8.	0.9	9
99	Highly facile supported liquid membrane transport and removal of silver ion using dibenzyldiaza-18-crown-6 dissolved in a supramolecular solvent as selective ion carrier. Desalination and Water Treatment, 2016, 57, 25705-25717.	1.0	9
100	Surfactant-assisted transport of lead ion through a bulk liquid membrane containing dicyclohexyl-18-crown-6: efficient removal of lead from blood serum and sea water. Journal of the Iranian Chemical Society, 2016, 13, 1257-1263.	1.2	9
101	Simultaneous determination of binary solution of triphenylmethane dyes in complex matrices onto magnetic amino-rich SWCNT using second-order calibration method. Environmental Monitoring and Assessment, 2017, 189, 594.	1.3	9
102	Electrostatically in situ binding of zwitterionic glycine on the surface of MGO for determination of nitrite in various real samples. Food Chemistry, 2019, 276, 255-261.	4.2	9
103	Developing a highly selective method for preconcentration and determination of cobalt in water and nut samples using 1â€(2â€pyridylazo)â€2â€naphthol and UVâ€"visible spectroscopy. Journal of the Science of Food and Agriculture, 2020, 100, 2272-2279.	1.7	9
104	Acid Brown-14 preconcentration onto an adsorbent consisting of Fe3O4, carbon nanotube and CeO: optimized by a multi-variable method. Research on Chemical Intermediates, 2021, 47, 1021-1032.	1.3	9
105	Combination of dispersive liquidâ€"liquid microextraction and flame atomic absorption spectrometry for simultaneous preconcentration and determination of manganese and nickel in water and food samples. Journal of the Iranian Chemical Society, 2018, 15, 1907-1912.	1.2	8
106	Homogeneous Liquid-Liquid Extraction Method for Selective Separation and Preconcentration of Trace Amounts of Palladium. E-Journal of Chemistry, 2009, 6, 1077-1084.	0.4	7
107	Modified nanoalumina sorbent for sensitive trace cobalt determination in environmental and food samples by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2012, 92, 1302-1311.	1.8	7
108	Î²-Cyclodextrin-grafted magnetic graphene oxide nanocomposites in ultrasound-assisted dispersive magnetic solid-phase extraction for simultaneous preconcentration of lead and cadmium ions. Research on Chemical Intermediates, 2021, 47, 1905-1918.	1.3	7

#	Article	IF	Citations
109	Facile synthesis of magnetic MWCNT functionalised 8-hydroxyquinoline: characterisation and application for selective enrichment of cadmium ions in food samples. International Journal of Environmental Analytical Chemistry, 2016, 96, 595-607.	1.8	6
110	Simple route synthesis of $MnFe_2O_4$ @ alunite composite for preconcentration of trace level of copper and lead from food and water samples. Desalination and Water Treatment, 2016, 57, 22480-22492.	1.0	6
111	Fabrication of CaFe2O4/MoS2 hybrid and its application for adsorption of paclitaxel chemotherapy medication in injection vial and water samples. Journal of the Iranian Chemical Society, 2018, 15, 499-510.	1.2	6
112	Combination of cold-induced aggregation microextraction and central composite design for preconcentration and determination of copper in food and water samples. Desalination and Water Treatment, 2013, 51, 4622-4629.	1.0	5
113	Robust Ionic Liquid–Based Dispersive Liquid–Liquid Microextraction Method for Determination of Chromium(VI) in Saline Solutions. Communications in Soil Science and Plant Analysis, 2013, 44, 3400-3411.	0.6	5
114	Second-order data obtained by beta-cyclodextrin complexes: A novel approach for multicomponent analysis with three-way multivariate calibration methods. Talanta, 2014, 128, 254-262.	2.9	5
115	Utilization of facile synthesized Fe3O4 nanoparticles as a selective support for preconcentration of lead ions from food and environmental samples. Analytical Methods, 2014, 6, 5345.	1.3	5
116	Bifunctional aminosilane-functionalized Fe3O4 nanoparticles as efficient sorbent for preconcentration of cobalt ions from food and water samples. Research on Chemical Intermediates, 2017, 43, 4079-4094.	1.3	5
117	Fast sono assisted ferrofluid mediated silver super – Adsorption over magnesium ferrite-copper sulfide chalcogenide with the aid of multivariate optimization. Ultrasonics Sonochemistry, 2017, 37, 509-517.	3.8	5
118	Modified-cold induced aggregation microextraction based on ionic liquid and fibre optic-linear array detection spectrophotometric determination of palladium in saline solutions. International Journal of Environmental Analytical Chemistry, 2011, 91, 1436-1446.	1.8	4
119	A new sorbent of modified MWCNT for solid phase extraction and determination of trace amount of palladium in environmental samples. Journal of Analytical Chemistry, 2015, 70, 136-142.	0.4	4
120	Green synthesized Fe3O4 nanoparticles as a magnetic core to prepare poly 1, 4 phenylenediamine nanocomposite: employment for fast adsorption of lead ions and azo dye. Desalination and Water Treatment, 2016, 57, 28875-28886.	1.0	3
121	Determination of cobalt in high-salinity reverse osmosis concentrates using flame atomic absorption spectrometry after cold-induced aggregation microextraction. Analytical Methods, 2016, 8, 1908-1913.	1.3	3
122	Poly(Acrolein-co-β-Cyclodextrin) Functionalized Magnetic Nanoparticles for Selective CD45-Positive Cells Capturing. Journal of Nanoscience and Nanotechnology, 2019, 19, 655-663.	0.9	3
123	Green chemicals-assisted dispersive magnetic solid-phase extraction: a prospect for speciation of Cr (III)/Cr (VI) in environmental water samples. International Journal of Environmental Analytical Chemistry, 2022, 102, 5887-5903.	1.8	3
124	Simultaneous selective separation of silver (I) and lead (II) ions from a single dilute source solution through two supported liquid membranes composed of selective crown ethers in supra molecular solvent. Chemical Papers, 2021, 75, 5489-5502.	1.0	3
125	A new approach to highly sensitive determination of retinoic acid isomers by preconcentration with CdSe quantum dots. Talanta, 2014, 120, 34-39.	2.9	2
126	High-density solvent-based de-emulsification microextraction technique combined with fiber optic-linear array detection spectrometry for fast determination of ppb-level phenol index. Desalination and Water Treatment, 2015, 53, 752-759.	1.0	1

#	Article	IF	Citations
127	Development of an efficient enrichment system for copper determination in water and food samples based on *p-*phenylenediamine anchored magnetic titanium dioxide nanowires. International Journal of Environmental Analytical Chemistry, 2016, 96, 1276-1289.	1.8	1
128	Arginine‐derived carbon nanoparticles for determination of Cr(VI) in water samples. Luminescence, 2020, 35, 694-701.	1.5	1
129	Modifing ASTM standard method by using homogeneous liquid-liquid microextraction combined with fiber optic UV-vis spectrometery for a greener approach to determination of total phenols in water. Journal of Analytical Chemistry, 2015, 70, 1441-1447.	0.4	0