Homeira Ebrahimzadeh

List of Publications by Year
in descending order

144 papers	4,864 citations	70961 41 h-index	128067 60 g-index
144 all docs	144 docs citations	144 times ranked	3936 citing authors

#	Article	IF	Citations
1	SiO 2 -coated magnetic graphene oxide modified with polypyrroleâ€“polythiophene: A novel and efficient nanocomposite for solid phase extraction of trace amounts of heavy metals. Talanta, 2017, 167, 607-616.	2.9	162
2	Synthesis and characterization of magnetic metal-organic framework (MOF) as a novel sorbent, and its optimization by experimental design methodology for determination of palladium in environmental samples. Talanta, 2012, 99, 132-139.	2.9	158
3	Dispersive micro-solid-phase extraction of benzodiazepines from biological fluids based on polyaniline/magnetic nanoparticles composite. Analytica Chimica Acta, 2014, 844, 80-89.	2.6	132
4	Magnetic nanoparticles based dispersive micro-solid-phase extraction as a novel technique for coextraction of acidic and basic drugs from biological fluids and waste water. Journal of Chromatography A, 2014, 1338, 1-8.	1.8	128
5	Development of cloud point extraction for simultaneous extraction and determination of gold and palladium using ICP-OES. Journal of Hazardous Materials, 2008, 152, 737-743.	6.5	119
6	The effect of NaCl on antioxidant enzyme activities in potato seedlings. Biologia Plantarum, 2005, 49, 93-97.	1.9	107
7	Optimization of dispersive liquidâ€“liquid microextraction combined with gas chromatography for the analysis of nitroaromatic compounds in water. Talanta, 2009, 79, 1472-1477.	2.9	88
8	Optimization of ultrasound-assisted emulsification microextraction with solidification of floating organic droplet followed by high performance liquid chromatography for the analysis of phthalate esters in cosmetic and environmental water samples. Microchemical Journal, 2011, 99, 26-33.	2.3	82
9	Poly(2-aminobenzothiazole)-coated graphene oxide/magnetite nanoparticles composite as an efficient sorbent for determination of non-steroidal anti-inflammatory drugs in urine sample. Journal of Chromatography A, 2016, 1435, 18-29.	1.8	82
10	Homogeneous liquidâ€“liquid extraction of trace amounts of mononitrotoluenes from waste water samples. Analytica Chimica Acta, 2007, 594, 93-100.	2.6	81
11	Chemical composition of the essential oil and supercritical CO2 extracts of Zataria multiflora Boiss. Food Chemistry, 2003, 83, 357-361.	4.2	79
12	Polypyrrole/magnetic nanoparticles composite as an efficient sorbent for dispersive micro-solid-phase extraction of antidepressant drugs from biological fluids. International Journal of Pharmaceutics, 2015, 494, 102-112.	2.6	77
13	Dispersive magnetic solidâ€phase extraction of phthalate esters from water samples and human plasma based on a nanosorbent composed of MILâ€101(Cr) metalâ€“organic framework and magnetite nanoparticles before their determination by GCâ€“MS. Journal of Separation Science, 2018, 41, 948-957.	1.3	76
14	Determination of very low levels of gold and palladium in wastewater and soil samples by atomic absorption after preconcentration on modified MCM-48 and MCM-41 silica. Talanta, 2010, 81, 1183-1188.	2.9	73
15	Optimization of Cu(II)-ion imprinted nanoparticles for trace monitoring of copper in water and fish samples using a Boxâ€“Behnken design. Reactive and Functional Polymers, 2013, 73, 23-29.	2.0	72
16	Effects of NaCl and Mycorrhizal Fungi on Antioxidative Enzymes in Soybean. Biologia Plantarum, 2004, 48, 575-581.	1.9	69
17	Extraction and determination of trace amounts of gold(III), palladium(II), platinum(II) and silver(I) with the aid of a magnetic nanosorbent made from Fe3O4-decorated and silica-coated graphene oxide modified with a polypyrrole-polythiophene copolymer. Mikrochimica Acta, 2017, 184, 2191-2200.	2.5	69
18	Coextraction of acidic, basic and amphiprotic pollutants using multiwalled carbon nanotubes/magnetite nanoparticles@polypyrrole composite. Journal of Chromatography A, 2015, 1412, 1-11.	1.8	68

#	Article	IF	Citations
19	Preparation of Polyacrylonitrile/Ni-MOF electrospun nanofiber as an efficient fiber coating material for headspace solid-phase microextraction of diazinon and chlorpyrifos followed by CD-IMS analysis. Food Chemistry, 2021, 350, 129242.	4.2	68
20	Solid phase extraction and graphite furnace atomic absorption spectrometric determination of ultra trace amounts of bismuth in water samples. Talanta, 2002, 56, 797-803.	2.9	66
21	A novel lead imprinted polymer as the selective solid phase for extraction and trace detection of lead ions by flame atomic absorption spectrophotometry: Synthesis, characterization and analytical application. Arabian Journal of Chemistry, 2017, 10, S2499-S2508.	2.3	66
22	Homogeneous liquidâ€“liquid extraction for preconcentration of polycyclic aromatic hydrocarbons using a water/methanol/chloroform ternary component system. Journal of Chromatography A, 2008, 1196-1197, 133-138.	1.8	63
23	A polyaniline-magnetite nanocomposite as an anion exchange sorbent for solid-phase extraction of chromium(VI) ions. Mikrochimica Acta, 2014, 181, 1887-1895.	2.5	62
24	Dispersive micro-solid phase extraction of aromatic amines based on an efficient sorbent made from poly(1,8-diaminonaphtalen) and magnetic multiwalled carbon nanotubes composite. Journal of Chromatography A, 2017, 1499, 38-47.	1.8	60
25	A simple and fast method based on new magnetic ion imprinted polymer nanoparticles for the selective extraction of Ni(<scp>ii</scp>) ions in different food samples. RSC Advances, 2015, 5, 45510-45519.	1.7	59
26	Optimization of temperature-controlled ionic liquid dispersive liquid phase microextraction combined with high performance liquid chromatography for analysis of chlorobenzenes in water samples. Talanta, 2010, 83, 36-41.	2.9	58
27	Determination of fentanyl in biological and water samples using single-drop liquidâ€“liquidâ€“liquid microextraction coupled with high-performance liquid chromatography. Analytica Chimica Acta, 2008, 626, 193-199.	2.6	57
28	A simple and fast method based on mixed hemimicelles coated magnetite nanoparticles for simultaneous extraction of acidic and basic pollutants. Analytical and Bioanalytical Chemistry, 2016, 408, 473-486.	1.9	57
29	Ultrasoundâ€assisted emulsification microextraction based on solidification of floating organic droplet combined with HPLCâ€UV for the analysis of antidepressant drugs in biological samples. Journal of Separation Science, 2011, 34, 1275-1282.	1.3	56
30	Optimization of solvent bar microextraction combined with gas chromatography for the analysis of aliphatic amines in water samples. Journal of Hazardous Materials, 2010, 178, 747-752.	6.5	55
31	The efficient removal of methylene blue from water samples using three-dimensional poly (vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Research, 2019, 26, 35071-35081.	2.7	54
32	Preparation of magnetite/multiwalled carbon nanotubes/metal-organic framework composite for dispersive magnetic micro solid phase extraction of parabens and phthalate esters from water samples and various types of cream for their determination with liquid chromatography. Journal of Chromatography A, 2019, 1608, 460426.	1.8	53
33	Optimization of simultaneous derivatization and extraction of aliphatic amines in water samples with dispersive liquidâ€“liquid microextraction followed by HPLC. Journal of Separation Science, 2011, 34, 2719-2725.	1.3	50
34	Simultaneous determination of chloropheniramine maleate and dextromethorphan hydrobromide in plasma sample by hollow fiber liquid phase microextraction and high performance liquid chromatography with the aid of chemometrics. Talanta, 2012, 94, 77-83.	2.9	50
35	Optimization of ionâ€pair based hollow fiber liquid phase microextraction combined with <scp>HPLC</scp>â€“<scp>UV</scp> for the determination of methimazole in biological samples and animal feed. Journal of Separation Science, 2012, 35, 2040-2047.	1.3	49
36	A Preconcentration Procedure for Determination of Ultra-Trace Mercury (II) in Environmental Samples Employing Continuous-Flow Cold Vapor Atomic Absorption Spectrometry. Food Analytical Methods, 2014, 7, 616-628.	1.3	49

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37	Application of electrospun polyacrylonitrile/Zn-MOF-74@GO nanocomposite as the sorbent for online micro solid-phase extraction of chlorobenzenes in water, soil, and food samples prior to liquid chromatography analysis. Food Chemistry, 2021, 363, 130330.	4.2	48
38	Molecularly imprinted nano particles combined with miniaturized homogenous liquidâ€“liquid extraction for the selective extraction of loratadine in plasma and urine samples followed by high performance liquid chromatography-photo diode array detection. Analytica Chimica Acta, 2013, 767, 155-162.	2.6	47
39	Determination of tramadol in human plasma and urine samples using liquid phase microextraction with back extraction combined with high performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 863, 229-234.	1.2	46
40	Optimization of carrier-mediated three-phase hollow fiber microextraction combined with HPLC-UV for determination of propylthiouracil in biological samples. Talanta, 2011, 85, 1043-1049.	2.9	46
41	Novel magnetic ion imprinted polymer as a highly selective sorbent for extraction of gold ions in aqueous samples. Analytical Methods, 2012, 4, 3232.	1.3	43
42	Determination of acidic, basic and amphoteric drugs in biological fluids and wastewater after their simultaneous dispersive micro-solid phase extraction using multiwalled carbon nanotubes/magnetite nanoparticles@poly(2-aminopyrimidine) composite. Microchemical Journal, 2018, 143, 337-349.	2.3	43
43	Novel ion imprinted polymer coated multiwalled carbon nanotubes as a high selective sorbent for determination of gold ions in environmental samples. Chemical Engineering Journal, 2013, 215-216, 315-321.	6.6	42
44	Magnetic molecularly imprinted composite for the selective solid-phase extraction ofp-aminosalicylic acid followed by high-performance liquid chromatography with ultraviolet detection. Journal of Separation Science, 2016, 39, 4166-4174.	1.3	42
45	Pyridine-functionalized mesoporous silica as an adsorbent material for the determination of nickel and lead in vegetables grown in close proximity by electrothermal atomic adsorption spectroscopy. Food Chemistry, 2011, 127, 364-368.	4.2	40
46	Preparation of electrospun polyacrylonitrile/Ni-MOF-74 nanofibers for extraction of atenolol and captopril prior to HPLC-DAD. Mikrochimica Acta, 2020, 187, 508.	2.5	40
47	A magnetic ion-imprinted polymer for lead(II) determination: A study on the adsorption of lead(II) by beverages. Journal of Food Composition and Analysis, 2015, 41, 74-80.	1.9	39
48	A poly(4-nitroaniline)/poly(vinyl alcohol) electrospun nanofiber as an efficient nanosorbent for solid phase microextraction of diazinon and chlorpyrifos from water and juice samples. Mikrochimica Acta, 2018, 185, 384.	2.5	38
49	Hollow fiber-based liquid phase microextraction combined with high-performance liquid chromatography for the analysis of gabapentin in biological samples. Analytica Chimica Acta, 2010, 665, 221-226.	2.6	37
50	Polyacrylonitrile/MIL-53(Fe) electrospun nanofiber for pipette-tip micro solid phase extraction of nitrazepam and oxazepam followed by HPLC analysis. Mikrochimica Acta, 2020, 187, 152.	2.5	37
51	Determination of haloperidol in biological samples using molecular imprinted polymer nanoparticles followed by HPLC-DAD detection. International Journal of Pharmaceutics, 2013, 453, 601-609.	2.6	36
52	Optimization of solvent bar microextraction combined with gas chromatography for preconcentration and determination of methadone in human urine and plasma samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 947-948, 75-82.	1.2	36
53	Determination of Trace Amounts of Cd(II), Cu(II), and Ni(II) in Food Samples Using a Novel Functionalized Magnetic Nanosorbent. Food Analytical Methods, 2016, 9, 876-888.	1.3	36
54	Molecularâ€imprinted polymer extraction combined with dispersive liquidâ€“liquid microâ€extractionfor ultraâ€preconcentration of mononitrotoluene. Journal of Separation Science, 2010, 33, 3759-3766.	1.3	33

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55	Optimization of a novel method based on solidification of floating organic droplet by high-performance liquid chromatography for evaluation of antifungal drugs in biological samples. Talanta, 2010, 83, 370-378.	2.9	33
56	Highly selective and efficient transport of bismuth in bulk liquid membranes containing Cyanex 301. Separation and Purification Technology, 2002, 28, 43-51.	3.9	31
57	A nanosized magnetic metal-organic framework of type MIL-53(Fe) as an efficient sorbent for coextraction of phenols and anilines prior to their quantitation by HPLC. Mikrochimica Acta, 2019, 186, 597.	2.5	31
58	Poly m-aminophenol/ nylon 6/graphene oxide electrospun nanofiber as an efficient sorbent for thin film microextraction of phthalate esters in water and milk solutions preserved in baby bottle. Journal of Chromatography A, 2019, 1600, 87-94.	1.8	31
59	Electromembraneâ€surrounded solidâ€phase microextraction coupled to ion mobility spectrometry for the determination of nonsteroidal antiâ€inflammatory drugs: A rapid screening method in complicated matrices. Journal of Separation Science, 2015, 38, 1358-1364.	1.3	30
60	Electrospun acrylonitrile butadiene styrene nanofiber film as an efficient nanosorbent for head space thin film microextraction of polycyclic aromatic hydrocarbons from water and urine samples. Talanta, 2019, 205, 120080.	2.9	30
61	Synthesis of magnetic Cu/CuFe2O4@MIL-88A(Fe) nanocomposite and application to dispersive solid-phase extraction of chlorpyrifos and phosalone in water and food samples. Journal of Food Composition and Analysis, 2021, 104, 104128.	1.9	30
62	Separation and spectrophotometric determination of very low levels of Cr(VI) in water samples by novel pyridine-functionalized mesoporous silica. International Journal of Environmental Analytical Chemistry, 2012, 92, 509-521.	1.8	28
63	Solidâ€phase microextraction of phthalate esters by a new coating based on a thermally stable polypyrrole/graphene oxide composite. Journal of Separation Science, 2014, 37, 3142-3149.	1.3	28
64	Extraction of trace amounts of silver on various amino-functionalized nanoporous silicas in real samples. Mikrochimica Acta, 2010, 170, 171-178.	2.5	27
65	Optimization of solid-phase extraction using artificial neural networks and response surface methodology in combination with experimental design for determination of gold by atomic absorption spectrometry in industrial wastewater samples. Talanta, 2012, 97, 211-217.	2.9	26
66	Investigation on pulsed Nd:YAG laser welding of 49Niâ€“Fe soft magnetic alloy. Materials & Design, 2012, 38, 115-123.	5.1	26
67	Ultra-trace determination of Cr (VI) ions in real water samples after electromembrane extraction through novel nanostructured polyaniline reinforced hollow fibers followed by electrothermal atomic absorption spectrometry. Microchemical Journal, 2018, 143, 212-219.	2.3	26
68	Surfactant-assisted dispersive liquid-liquid microextraction of nitrazepam and lorazepam from plasma and urine samples followed by high-performance liquid chromatography with UV analysis. Journal of Separation Science, 2015, 38, 3905-3913.	1.3	25
69	Simultaneous trace-level monitoring of seven opioid analgesic drugs in biological samples by pipette-tip micro solid phase extraction based on PVA-PAA/CNT-CNC composite nanofibers followed byÂ HPLC-UV analysis. Mikrochimica Acta, 2021, 188, 275.	2.5	25
70	Application of headspace solvent microextraction to the analysis of mononitrotoluenes in waste water samples. Talanta, 2007, 72, 193-198.	2.9	24
71	Multivariate optimization of surfactantâ€assisted directly suspended droplet microextraction combined with GC for the preconcentration and determination of tramadol in biological samples. Journal of Separation Science, 2013, 36, 3783-3790.	1.3	24
72	Development of a selective sorbent based on a magnetic ion imprinted polymer for the preconcentration and FAAS determination of urinary cadmium. Analytical Methods, 2015, 7, 3618-3624.	1.3	24

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73	Solid phase extraction of Pb(<scp>ii</scp>) and Cd(<scp>ii</scp>) ions based on murexide functionalized magnetic nanoparticles with the aid of experimental design methodology. Analytical Methods, 2015, 7, 10350-10358.	1.3	24
74	Trace-level monitoring of anti-cancer drug residues in wastewater and biological samples by thin-film solid-phase micro-extraction using electrospun polyfam/Co-MOF-74 composite nanofibers prior to liquid chromatography analysis. Journal of Chromatography A, 2021, 1655, 462484.	1.8	24
75	Halloysite nanotubes functionalized with a nanocomposite prepared from reduced graphene oxide and polythiophene as a viable sorbent for the preconcentration of six organochlorine pesticides prior to their quantitation by GC/MS. Mikrochimica Acta, 2017, 184, 3603-3612.	2.5	23
76	A Sensitive Method for the Determination of Methadone in Biological Samples Using Nano-Structured Î±-Carboxy Polypyrrol as a Sorbent of SPME. Chromatographia, 2012, 75, 149-155.	0.7	22
77	Imprinted polymer-based extraction for speciation analysis of inorganic tin in food and water samples. Reactive and Functional Polymers, 2013, 73, 634-640.	2.0	22
78	Determination of haloperidol in biological samples with the aid of ultrasound-assisted emulsification microextraction followed by HPLC-DAD. Journal of Separation Science, 2013, 36, 1597-1603.	1.3	22
79	Solid phase headspace microextraction of tricyclic antidepressants using a directly prepared nanocomposite consisting of graphene, CTAB and polyaniline. Mikrochimica Acta, 2015, 182, 633-641.	2.5	22
80	Determination of copper in food and water sources using poly m-phenylenediamine/CNT electrospun nanofiber. Microchemical Journal, 2019, 149, 103975.	2.3	22
81	A three phase dispersive liquid-liquid microextraction technique for the extraction of antibiotics in milk. Mikrochimica Acta, 2012, 179, 179-184.	2.5	21
82	Metalâ€“organic framework based micro solid phase extraction coupled with supramolecular solvent microextraction to determine copper in water and food samples. New Journal of Chemistry, 2018, 42, 5806-5813.	1.4	21
83	Magnetic molecularly imprinted polymer for the selective dispersive micro solid phase extraction of phenolphthalein in urine samples and herbal slimming capsules prior to HPLC-PDA analysis. Microchemical Journal, 2021, 160, 105712.	2.3	21
84	Magnetic porous carbon nanocomposite derived from cobalt based-metal-organic framework for extraction and determination of homo and hetero-polycyclic aromatic hydrocarbons. Talanta, 2021, 233, 122526.	2.9	21
85	Comparison of novel pyridine-functionalized mesoporous silicas for Au(III) extraction from natural samples. Mikrochimica Acta, 2011, 172, 479-487.	2.5	20
86	Changes of antioxidant enzyme activities and isoenzyme profiles duringin vitroshoot formation in saffron (Crocus sativusL.). Acta Biologica Hungarica, 2010, 61, 73-89.	0.7	19
87	Supramolecular nanosolvent-based hollow fiber liquid phase microextraction as a novel method for simultaneous preconcentration of acidic, basic and amphiprotic pollutants. RSC Advances, 2016, 6, 41825-41834.	1.7	19
88	A novel polymer coated magnetic porous carbon nanocomposite derived from a metal-organic framework for multi-target environmental pollutants preconcentration. Journal of Chromatography A, 2020, 1634, 461664.	1.8	19
89	PVA/Stevia/MIL-88A@AuNPs composite nanofibers as a novel sorbent for simultaneous extraction of eight agricultural pesticides in food and vegetable samples followed by HPLC-UV analysis. Food Chemistry, 2022, 386, 132734.	4.2	18
90	New magnetic polymeric nanoparticles for extraction of trace cadmium ions and the determination of cadmium content in diesel oil samples. Analytical Methods, 2014, 6, 4617-4624.	1.3	17

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91	Polypyrrole coated ZnO nanorods on platinum wire for solid-phase microextraction of amitraz and teflubenzuron pesticides prior to quantitation by GC-MS. Mikrochimica Acta, 2018, 185, 150.	2.5	17
92	Extraction of Nickel from Soil, Water, Fish, and Plants on Novel Pyridine-Functionalized MCM-41 and MCM-48 Nanoporous Silicas and Its Subsequent Determination by FAAS. Food Analytical Methods, 2012, 5, 1070-1078.	1.3	16
93	Pyridineâ€2,6â€diamineâ€functionalized Fe₃O₄ nanoparticles as a novel sorbent for determination of lead and cadmium ions in cosmetic samples. International Journal of Cosmetic Science, 2013, 35, 176-182.	1.2	16
94	Novel ion-imprinted polymer coated on nanoporous silica as a highly selective sorbent for the extraction of ultratrace quantities of gold ions from mine stone samples. Mikrochimica Acta, 2013, 180, 445-451.	2.5	16
95	Ultrasound-assisted supramolecular solvent microextraction coupled with graphite furnace atomic absorption spectrometry for speciation analysis of inorganic arsenic. Analytical Methods, 2017, 9, 3121-3127.	1.3	16
96	Magnetic halloysite nanotube/polyaniline/copper composite coupled with gas chromatographyâ€“mass spectrometry: A rapid approach for determination of nitro-phenanthrenes in water and soil samples. Journal of Chromatography A, 2018, 1563, 1-9.	1.8	16
97	Investigation of the solid state properties of amoxicillin trihydrate and the effect of powder pH. AAPS PharmSciTech, 2007, 8, E93.	1.5	15
98	STUDY OF PROLINE, SOLUBLE SUGAR, AND CHLOROPHYLL A AND B CHANGES IN NINE ASIAN AND ONE EUROPEAN PEAR CULTIVAR UNDER DROUGHT STRESS. Acta Horticulturae, 2008, , 241-246.	0.1	15
99	Fast vaporization solid phase microextraction and ion mobility spectrometry: A new approach for determination of creatinine in biological fluids. Talanta, 2015, 144, 474-479.	2.9	15
100	Phenyl propyl functionalized hybrid solâ€“gel reinforced aluminum strip as a thin film microextraction device for the trace quantitation of eight PCBs in liquid foodstuffs. Talanta, 2019, 199, 547-555.	2.9	15
101	COMPARATIVE ANALYSIS OF SOME PHYSIOLOGICAL RESPONSES OF RICE SEEDLINGS TO COLD, SALT, AND DROUGHT STRESSES. Journal of Plant Nutrition, 2012, 35, 1037-1052.	0.9	14
102	Solid-phase extraction combined with dispersive liquid-liquid microextraction/HPLC-UV as a sensitive and efficient method for extraction, pre-concentration and simultaneous determination of antiretroviral drugs nevirapine, efavirenz and nelfinavir in pharmaceutical formulations and biological samples. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 95-104.	1.4	14
103	Use of aloin-based and rosin-based electrospun nanofibers as natural nanosorbents for the extraction of polycyclic aromatic hydrocarbons and phenoxyacetic acid herbicides by microextraction in packed syringe method prior toÂGC-FID detection. Mikrochimica Acta, 2020, 187, 401.	2.5	14
104	Determination of Azithromycin in Biological Samples by LLLME Combined with LC. Chromatographia, 2010, 72, 731-735.	0.7	13
105	3D-QSAR, CoMFA, and CoMSIA of new phenyloxazolidinones derivatives as potent HIV-1 protease inhibitors. Structural Chemistry, 2013, 24, 433-444.	1.0	13
106	A simple and fast method based on functionalized magnetic nanoparticles for the determination of Ag(<scp>i</scp>), Au(<scp>iii</scp>) and Pd(<scp>ii</scp>) in mine stone, road dust and water samples. Analytical Methods, 2017, 9, 2873-2882.	1.3	13
107	Magnetic Solid Phase Extraction Based on Modified Magnetite Nanoparticles Coupled with Dispersive Liquidâ€“Liquid Microextraction as an Efficient Method for Simultaneous Extraction of Hydrophobic and Hydrophilic Drugs. Chromatographia, 2018, 81, 1569-1578.	0.7	13
108	Spin-column micro-solid phase extraction of phthalate esters using electrospun polyacrylonitrile/iron (III)/Mg-based metal-organic framework 88B followed by GC analysis. Microchemical Journal, 2021, 170, 106634.	2.3	13

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109	Electrospun cellulose acetate /polyacrylonitrile /thymol /Mg-metal organic framework nanofibers as efficient sorbent for pipette-tip micro-solid phase extraction of anti-cancer drugs. Reactive and Functional Polymers, 2022, 173, 105217.	2.0	13
110	Three-phase hollow fiber microextraction based on carrier-mediated transport combined with HPLC-UV for the analysis of dexamethasone sodium phosphate in biological samples. Analytical Methods, 2011, 3, 2095.	1.3	12
111	A novel biocompatible drug carrier for oral delivery and controlled release of antibiotic drug: loading and release of clarithromycin as an antibiotic drug model. Journal of Sol-Gel Science and Technology, 2013, 66, 345-351.	1.1	12
112	Improvement of Carbamazepine Degradation by a Three-Dimensional Electrochemical (3-EC) Process. International Journal of Environmental Research, 2018, 12, 451-458.	1.1	12
113	Using PVA/CA/Au NPs electrospun nanofibers as a green nanosorbent to preconcentrate and determine Pb²⁺and Cu²⁺in rice samples, water sources and cosmetics. New Journal of Chemistry, 2020, 44, 15000-15009.	1.4	12
114	Development of poly(vinyl alcohol)/chitosan/aloe vera gel electrospun composite nanofibers as a novel sorbent for thin-film micro-extraction of pesticides in water and food samples followed by HPLC-UV analysis. New Journal of Chemistry, 2022, 46, 2431-2440.	1.4	12
115	SOMATIC EMBRYOGENESIS AND EMBRYO MATURATION IN PERSIAN WALNUT. Acta Horticulturae, 2005, , 199-205.	0.1	11
116	A novel 4-(2-pyridylazo) resorcinol functionalised magnetic nanosorbent for selective extraction of Cu(II) and Pb(II) ions from food and water samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1-9.	1.1	11
117	Novel modified carbon nanotubes as a selective sorbent for preconcentration and determination of trace copper ions in fruit samples. Journal of Separation Science, 2014, 37, 2559-2565.	1.3	11
118	IMPROVED MICROPROPAGATION OF WALNUT (JUGLANS REGIA L.) ON MEDIA OPTIMIZED FOR GROWTH BASED UPON MINERAL CONTENT OF WALNUT SEED. Acta Horticulturae, 2009, , 117-124.	0.1	10
119	Optimized conditions for liquid-phase microextraction based on solidification of floating organic droplet for extraction of nitrotoluene compounds by using response surface methodology. Analytical Methods, 2012, 4, 190-195.	1.3	10
120	Antioxidative enzymes in two in vitro cultured Salicornia species in response to increasing salinity. Biologia Plantarum, 2014, 58, 391-394.	1.9	10
121	Synthesis and characterization of a poly(pâ€phenylenediamine)â€based electrospun nanofiber for the microâ€solidâ€phase extraction of organophosphorus pesticides from drinking water and lemon and orange juice samples. Journal of Separation Science, 2018, 41, 3477-3485.	1.3	10
122	Gelatin/sodium triphosphate hydrogel electrospun nanofiber mat as a novel nanosorbent for microextraction in packed syringe of La3+ and Tb3+ ions prior to their determination by ICP-OES. Reactive and Functional Polymers, 2020, 153, 104627.	2.0	10
123	Determination of Methadone in Biological Samples Using Liquid Phase Microextraction with Back Extraction Combined with LC. Chromatographia, 2010, 72, 231-238.	0.7	9
124	A novel salt-controlled homogenous ionic liquid phase microextraction based on the salting out effect and optimization of the procedure using the experimental design methodology. Analytical Methods, 2013, 5, 5165.	1.3	9
125	A high selective ion-imprinted polymer grafted on a novel nanoporous material for efficient gold extraction. Journal of Separation Science, 2013, 36, 1826-1833.	1.3	9
126	Comparison of the performance of pyridine-functionalized nanoporous silica particles for the extraction of gold(III) from natural samples. Mikrochimica Acta, 2012, 178, 367-372.	2.5	8

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127	Analysis of mono-nitrotoluenes in water samples by using nano-structured polypyrrol as a sorbent of solid-phase microextraction. International Journal of Environmental Analytical Chemistry, 2010, 90, 963-975.	1.8	6
128	A platinum wire coated with a composite consisting of poly pyrrole and poly(É›-caprolactone) for solid phase microextraction of the antidepressant imipramine prior to its determination via ion mobility spectrometry. Mikrochimica Acta, 2016, 183, 805-812.	2.5	6
129	Using three-dimensional poly (vinyl alcohol)/sodium hexametaphosphate nanofiber as a non-toxic and efficient nanosorbent for extraction and recovery of Lanthanide ions from aqueous solutions. Journal of Molecular Liquids, 2020, 307, 112925.	2.3	6
130	A magnetic ion-imprinted polymer composed of silica-coated magnetic nanoparticles and polymerized 4-vinyl pyridine and 2,6-diaminopyridine for selective extraction and determination of lead ions. New Journal of Chemistry, 2020, 44, 7561-7568.	1.4	6
131	Graphitic carbon nitride-reinforced polymer ionic liquid nanocomposite: a novel mixed-mode sorbent for microextraction in packed syringe. International Journal of Environmental Analytical Chemistry, 2020, , 1-14.	1.8	5
132	Separation and Preconcentration of Palladium(II) on Octadecyl-Silica Membrane Disks. Mikrochimica Acta, 2002, 140, 195-199.	2.5	4
133	DEVELOPMENT AND CONTRACTION OF CONTRACTILE ROOTS IN CROCUS SATIVUS. Acta Horticulturae, 2004, , 55-58.	0.1	4
134	A Sensitive Method for Determination Glycolic Acid, Mono- and Di-Chloroacetic Acids in Betaine Media Using Amino-Functionalized SBA-15 as a Sorbent and HPLC Assay. Chromatographia, 2013, 76, 33-40.	0.7	4
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