Mahnaz Ghambarian

List of Publications by Year
in descending order

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48	2,134	279701 23	223716 46
papers	citations	h-index	g-index

49	49	49	1962
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new dendrimer-functionalized magnetic nanosorbent for the efficient adsorption and subsequent trace measurement of Hg (II) ions in wastewater samples. Journal of Molecular Liquids, 2021, 323, 114472.	2.3	15
2	Application of a new N,S-containing silica-coated nanomagnetic sorbent for the trace quantification of Hg(II) ions in aquatic samples: evaluation of adsorption mechanism. Journal of the Iranian Chemical Society, 2021, 18, 719-728.	1.2	3
3	Determination of sulfonamide residues in animal foodstuffs by magnetic dispersive solid-phase extraction using magnetic carbon nanocomposites coupled with ion pair-dispersive liquidâ€“liquid micro-extraction combined with HPLC-DAD. Journal of the Iranian Chemical Society, 2021, 18, 1433-1442.	1.2	10
4	An efficient sample preparation method based on dispersive liquidâ€“liquid microextraction associated with back extraction for trace determination of acidic pharmaceuticals. Arabian Journal of Chemistry, 2020, 13, 1924-1932.	2.3	15
5	Carrier-mediated extraction: Applications in extraction and microextraction methods. Talanta, 2020, 206, 120145.	2.9	21
6	Spin-column micro-solid phase extraction of chlorophenols using MFU-4l metal-organic framework. Mikrochimica Acta, 2020, 187, 39.	2.5	13
7	Trace measurement of lead and cadmium ions in wastewater samples using a novel dithizone immobilized metalâ€“organic frameworkâ€based Î¼â€dispersive solidâ€phase extraction. Applied Organometallic Chemistry, 2020, 34, e5715.	1.7	13
8	Polydopamineâ€Functionalized Carbon Nanotubes for Pipetteâ€Tip Microâ€Solid Phase Extraction of Malathion and Parathion from Environmental Samples. ChemistrySelect, 2020, 5, 2966-2971.	0.7	7
9	Adsorptive removal of Hg²⁺ from environmental water samples using thioglycerol-intercalated magnetic layered double hydroxides. Analytical Methods, 2020, 12, 2279-2286.	1.3	8
10	Extraction of carbonyl derivatives from ozonated wastewater samples using hollow fiber liquid phase microextraction followed by gas chromatography-electron capture detection. Microchemical Journal, 2019, 148, 331-337.	2.3	20
11	Simultaneous extraction of 32 polychlorinated biphenyls by using magnetic carbon nanocomposite based dispersive microextraction, subsequent dispersive liquid-liquid microextraction with two miscible stripping solvents, and quantitation by GC-Î¼ECD. Mikrochimica Acta, 2019, 186, 178.	2.5	8
12	A Highly Sensitive Dispersive Microextraction Method with Magnetic Carbon Nanocomposites Coupled with Dispersive Liquidâ€“Liquid Microextraction and Two Miscible Stripping Solvents Followed by GCâ€“MS for Quantification of 16 PAHs in Environmental Samples. Chromatographia, 2018, 81, 487-499.	0.7	18
13	Trace quantification of selected sulfonamides in aqueous media by implementation of a new dispersive solidâ€phase extraction method using a nanomagnetic titanium dioxide grapheneâ€based sorbent and HPLCâ€UV. Journal of Separation Science, 2018, 41, 910-917.	1.3	19
14	Two-phase hollow fiber liquid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2018, 108, 314-322.	5.8	59
15	Dispersive solidâ€phase extraction of selected nitrophenols from environmental water samples using a zirconiumâ€based aminoâ€tagged metalâ€“organic framework nanosorbent. Journal of Separation Science, 2018, 41, 4159-4166.	1.3	19
16	Application of a surfactant-assisted dispersive liquid-liquid microextraction method along with central composite design for micro-volume based spectrophotometric determination of low level of Cr(VI) ions in aquatic samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 202, 36-40.	2.0	33
17	Application of modified hollow fiber liquid phase microextraction in conjunction with chromatography-electron capture detection for quantification of acrylamide in waste water samples at ultra-trace levels. Journal of Chromatography A, 2017, 1487, 30-35.	1.8	21
18	A nanomagnetic and 3-mercaptopropyl-functionalized silica powder for dispersive solid phase extraction of Hg(II) prior to its determination by continuous-flow cold vapor AAS. Mikrochimica Acta, 2017, 184, 2317-2323.	2.5	40

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19	Application of dispersive solid phase extraction based on a surfactant-coated titanium-based nanomagnetic sorbent for preconcentration of bisphenol A in water samples. Journal of Chromatography A, 2017, 1518, 25-33.	1.8	50
20	Application of a dispersive solidâ€phase extraction method using an aminoâ€based silicaâ€coated nanomagnetic sorbent for the trace quantification of chlorophenoxyacetic acids in water samples. Journal of Separation Science, 2017, 40, 3479-3486.	1.3	30
21	Dispersive liquidâ€“liquid microextraction with back extraction using an immiscible organic solvent for determination of benzodiazepines in water, urine, and plasma samples. RSC Advances, 2016, 6, 114198-114207.	1.7	7
22	Combination of hollow fiber liquid phase microextraction followed by HPLC-DAD and multivariate curve resolution to determine antibacterial residues in foods of animal origin. Talanta, 2016, 160, 400-409.	2.9	49
23	Combination of solid-phase extraction with dispersive liquidâ€“liquid microextraction followed by GCâ€“MS for determination of pesticide residues from water, milk, honey and fruit juice. Food Chemistry, 2016, 204, 289-297.	4.2	200
24	Online Injection-Based Hollow Fiber Liquid-Phase Microextractionâ€“High-Performance Liquid Chromatography as a Fully Automatic Sample Processing for Phthalate Esters Analysis. Food Analytical Methods, 2016, 9, 729-737.	1.3	12
25	Evaluation of three-phase hollow fiber microextraction based on two immiscible solvents coupled to GC and HPLC for determination of statin drugs in biological fluids. Analytical Methods, 2015, 7, 2959-2967.	1.3	10
26	Hollow-Fiber Liquid-Phase Microextraction Followed by Gas Chromatography Flame Ionization Detection for the Determination of Amitraz in Honey and Water Samples. Food Analytical Methods, 2015, 8, 758-766.	1.3	14
27	Homogeneous Liquidâ€“Liquid Microextraction for Determination of Organochlorine Pesticides in Water and Fruit Samples. Chromatographia, 2014, 77, 329-336.	0.7	25
28	Analysis of Paraben Preservatives in Cosmetic Samples: Comparison of Three Different Dynamic Hollow Fiber Liquid-Phase Microextraction Methods. Chromatographia, 2014, 77, 317-327.	0.7	29
29	Liquid-phase microextraction based on solidified floating drops of organic solvents. Mikrochimica Acta, 2013, 180, 519-535.	2.5	41
30	Ultrasound-assisted emulsification microextraction using low density solvent for analysis of toxic nitrophenols in natural waters. International Journal of Environmental Analytical Chemistry, 2013, 93, 199-212.	1.8	23
31	MEASUREMENT OF FLUOROQUINOLONE ANTIBIOTICS FROM HUMAN PLASMA USING HOLLOW FIBER LIQUID-PHASE MICROEXTRACTION BASED ON CARRIER MEDIATED TRANSPORT. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 343-354.	0.5	17
32	Rapid determination of ultra-trace amounts of acrylamide contaminant in water samples using dispersive liquidâ€“liquid microextraction coupled to gas chromatography-electron capture detector. International Journal of Environmental Analytical Chemistry, 2012, 92, 1493-1505.	1.8	22
33	Automated preconcentration and analysis of organic compounds by on-line hollow fiber liquid-phase microextractionâ€“high performance liquid chromatography. Journal of Chromatography A, 2012, 1262, 27-33.	1.8	55
34	Developments in hollow fiber based liquid-phase microextraction: principles and applications. Mikrochimica Acta, 2012, 177, 271-294.	2.5	158
35	Three-phase hollow fiber microextraction based on two immiscible organic solvents for determination of tricyclic antidepressant drugs: Comparison with conventional three-phase hollow fiber microextraction. Journal of Chromatography A, 2012, 1222, 5-12.	1.8	63
36	Analysis of trace amounts of chlorobenzenes in water samples: An approach towards the automation of dynamic hollow fiber liquid-phase microextraction. Mikrochimica Acta, 2012, 176, 367-374.	2.5	14

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37	Three-phase hollow fiber liquid-phase microextraction based on two immiscible organic solvents for determination of tramadol in urine and plasma samples. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 1041-1045.	1.4	51
38	A new strategy to simultaneous microextraction of acidic and basic compounds. Journal of Chromatography A, 2011, 1218, 3945-3951.	1.8	46
39	Dynamic threeâ€phase hollow fiber microextraction based on two immiscible organic solvents with automated movement of the acceptor phase. Journal of Separation Science, 2011, 34, 98-106.	1.3	20
40	A novel approach to automation of dynamic hollow fiber liquidâ€phase microextraction. Journal of Separation Science, 2011, 34, 957-964.	1.3	40
41	A nanoparticle-based solid-phase extraction procedure followed by flow injection inductively coupled plasma-optical emission spectrometry to determine some heavy metal ions in water samples. Analytica Chimica Acta, 2010, 659, 172-177.	2.6	242
42	A new concept of hollow fiber liquidâ€“liquidâ€“liquid microextraction compatible with gas chromatography based on two immiscible organic solvents. Journal of Chromatography A, 2010, 1217, 5652-5658.	1.8	63
43	Preconcentration and speciation of arsenic in water specimens by the combination of solidification of floating drop microextraction and electrothermal atomic absorption spectrometry. Talanta, 2010, 81, 197-201.	2.9	64
44	Comparison of solidification of floating drop and homogenous liquidâ€“liquid microextractions for the extraction of two plasticizers from the water kept in PETâ€bottles. Journal of Separation Science, 2009, 32, 3201-3208.	1.3	27
45	Trace determination of free formaldehyde in DTP and DT vaccines and diphtheriaâ€“tetanus antigen by single drop microextraction and gas chromatographyâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 287-292.	1.4	29
46	Ultrasound-assisted emulsification microextraction method based on applying low density organic solvents followed by gas chromatography analysis for the determination of polycyclic aromatic hydrocarbons in water samples. Journal of Chromatography A, 2009, 1216, 6673-6679.	1.8	251
47	Taguchi OA16 orthogonal array design for the optimization of cloud point extraction for selenium determination in environmental and biological samples by tungsten-modified tube electrothermal atomic absorption spectrometry. Talanta, 2009, 78, 970-976.	2.9	56
48	On-line metals preconcentration and simultaneous determination using cloud point extraction and inductively coupled plasma optical emission spectrometry in water samples. Analytica Chimica Acta, 2008, 612, 144-151.	2.6	84