

Maryam Rajabi

List of Publications by Year in descending order

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86
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2,517
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172457

29
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223800

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all docs

86
docs citations

86
times ranked

2319
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and comparison of two different morphologies of graphitic carbon nitride as adsorbent for preconcentration of heavy metal ions by effervescent salt-assisted dispersive micro solid phase extraction method. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 2093-2102.	2.4	10
2	Efficacious and environmentally friendly deep eutectic solvent-based liquid-phase microextraction for speciation of Cr(III) and Cr(VI) ions in food and water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4331-4343.	3.3	10
3	Electrochemical determination of epirubicin in the presence of topotecan as essential anti-cancer compounds using paste electrode amplified with Pt/SWCNT nanocomposite and a deep eutectic solvent. <i>Chemosphere</i> , 2022, 289, 133060.	8.2	6
4	Coating of porous graphitic carbon nitride modified with titanium dioxide (OH-g-C ₃ N ₄ /TiO ₂) on Ag wire as an SPME fiber for extraction of lead. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 103, 345-359.	2.4	6
5	Comparison of two polythiophene nanocomposites-based dispersive micro solid-phase extraction procedures coupled with salt-induced/magnetic separations for efficient preconcentration of toxic metal ions from food samples. <i>Journal of Molecular Liquids</i> , 2021, 324, 114997.	4.9	10
6	Application of deep eutectic solvent and SWCNT-ZrO ₂ nanocomposite as conductive mediators for the fabrication of simple and rapid electrochemical sensor for determination of trace anti-migration drugs. <i>Microchemical Journal</i> , 2021, 165, 106141.	4.5	23
7	Fabrication of chitosan-aminopropylsilane graphene oxide nanocomposite hydrogel embedded PES membrane for improved filtration performance and lead separation. <i>Journal of Environmental Management</i> , 2021, 294, 112918.	7.8	40
8	Magnetic dispersive micro-solid phase extraction merged with micro-sampling flame atomic absorption spectrometry using (Zn-Al LDH)-(PTh/DBSNa)-Fe ₃ O ₄ nanosorbent for effective trace determination of nickel(II) and cadmium(II) in food samples. <i>Microchemical Journal</i> , 2020, 159, 105450.	4.5	27
9	CO ₂ -effervescence assisted dispersive micro solid-phase extraction based on a magnetic layered double hydroxide modified with polyaniline and a surfactant for efficient pre-concentration of heavy metals in cosmetic samples. <i>Analytical Methods</i> , 2020, 12, 4867-4877.	2.7	14
10	Polymerisation of dopamine on the carbon graphite nitride nanosheets as an effective adsorbent in determination of metal ions using effervescent-assisted dispersive micro solid-phase extraction method. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-19.	3.3	6
11	Dopamine-modified magnetic graphene oxide as a recoverable sorbent for the preconcentration of metal ions by an effervescence-assisted dispersive micro solid-phase extraction procedure. <i>Analytical Methods</i> , 2020, 12, 2338-2346.	2.7	19
12	Deep eutectic-based vortex-assisted/ultrasound-assisted liquid-phase microextractions of chromium species. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1705-1713.	2.2	6
13	Ultrasensitive electroanalytical sulfisoxazole sensors amplified with Pd-doped ZnO nanoparticles and modified with 1-hexyl-3-methyl imidazolium bis(trifluoromethylsulfonyl)imide. <i>New Journal of Chemistry</i> , 2020, 44, 11125-11130.	2.8	7
14	Monitoring of cyanotoxins in water from hypersaline microalgae colonies by ultra high performance liquid chromatography with diode array and tandem mass spectrometry detection following salting-out liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2019, 1608, 460409.	3.7	13
15	Titanium oxide nanoparticles loaded onto activated carbon prepared from bio-waste watermelon rind for the efficient ultrasonic-assisted adsorption of congo red and phenol red dyes from wastewaters. <i>Polyhedron</i> , 2019, 173, 114105.	2.2	72
16	Theoretical and experimental investigation on the electrochemical properties, structural and spectroscopic parameters of 6,7-dihydroxy-9-thia-1,4a-diaza fluoren-2-one (DTDFO). <i>Journal of Sulfur Chemistry</i> , 2019, 40, 598-613.	2.0	0
17	Selective determination of some beta-blockers in urine and plasma samples using continuous flow membrane microextraction coupled with high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121768.	2.3	11
18	Switchable fatty acid based CO ₂ -effervescence ameliorated emulsification microextraction prior to high performance liquid chromatography for efficient analyses of toxic azo dyes in foodstuffs. <i>Food Chemistry</i> , 2019, 286, 185-190.	8.2	39

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19	Catalyst-Free, Facile and Green Synthesis of New Symmetric and Asymmetric Benzofurans through Hydroquinones Oxidation in the Presence of Meldrum's Acid. <i>Russian Journal of Electrochemistry</i> , 2019, 55, 1366-1372.	0.9	1
20	Highly effective and safe intermediate based on deep eutectic medium for carrier less-three phase hollow fiber microextraction of antiarrhythmic agents in complex matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 196-204.	2.3	35
21	A rapid and simple extraction of anti-depressant drugs by effervescent salt-assisted dispersive magnetic micro solid-phase extraction method using new adsorbent Fe ₃ O ₄ @SiO ₂ @N ₃ . <i>Analytica Chimica Acta</i> , 2019, 1047, 275-284.	5.4	30
22	Dissolvable layered double hydroxide nanoadsorbent-based dispersive solid-phase extraction for highly efficient and eco-friendly simultaneous microextraction of two toxic metal cations and two anionic azo dyes in real samples. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4279.	3.5	9
23	Application of syringe to syringe dispersive micro-solid phase extraction using a magnetic layered double hydroxide for the determination of cadmium and lead ions in food and water samples. <i>Analytical Methods</i> , 2018, 10, 1305-1314.	2.7	20
24	Magnetic nanoparticle based solid-phase extraction of heavy metal ions: A review on recent advances. <i>Mikrochimica Acta</i> , 2018, 185, 160.	5.0	149
25	Simple determination of some antideementia drugs in wastewater and human plasma samples by tandem dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2018, 41, 2214-2220.	2.5	4
26	A novel nanoadsorbent consisting of covalently functionalized melamine onto MWCNT/Fe ₃ O ₄ nanoparticles for efficient microextraction of highly adverse metal ions from organic and inorganic vegetables: Optimization by multivariate analysis. <i>Journal of Molecular Liquids</i> , 2018, 252, 383-391.	4.9	14
27	Chemically functionalized silica nanoparticles-based solid-phase extraction for effective pre-concentration of highly toxic metal ions from food and water samples. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4012.	3.5	11
28	Coupling of two centrifugeless ultrasound-assisted dispersive solid/liquid phase microextractions as a highly selective, clean, and efficient method for determination of ultra-trace amounts of non-steroidal anti-inflammatory drugs in complicated matrices. <i>Analytica Chimica Acta</i> , 2018, 997, 67-79.	5.4	36
29	Efficient and relatively safe emulsification microextraction using a deep eutectic solvent for influential enrichment of trace main anti-depressant drugs from complicated samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 50-59.	2.3	41
30	Centrifugeless dispersive liquid-liquid microextraction based on salting-out phenomenon followed by high performance liquid chromatography for determination of Sudan dyes in different species. <i>Food Chemistry</i> , 2018, 244, 1-6.	8.2	51
31	Emulsification microextraction of amphetamine and methamphetamine in complex matrices using an up-to-date generation of eco-friendly and relatively hydrophobic deep eutectic solvent. <i>Journal of Chromatography A</i> , 2018, 1576, 1-9.	3.7	60
32	Highly efficient adsorption of Naphthol Green B and Phenol Red dye by Combination of Ultrasound wave and Copper-Doped Zinc Sulfide Nanoparticles Loaded on Pistachio Nut Shell. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4369.	3.5	14
33	Filter-based emulsification microextraction as an efficient method for the determination of chlorophenols by gas chromatography. <i>Journal of Separation Science</i> , 2018, 41, 3097-3104.	2.5	19
34	Statistical evaluation of three kinds of sonochemically-prepared magnetic conductive polymer nanocomposites for ultrasound-assisted ligandless uptake of some deleterious metal ions in vegetable samples. <i>Journal of Molecular Liquids</i> , 2018, 268, 867-874.	4.9	10
35	Efficient and clean pre-concentration of ultra-trace calcium channel blockers from biological matrices via a hyphenated procedure of two sequential dispersive solid/liquid phase microextractions. <i>Analytica Chimica Acta</i> , 2017, 960, 138-150.	5.4	21
36	Highly effective adsorption of xanthene dyes (rhodamine B and erythrosine B) from aqueous solutions onto lemon citrus peel active carbon: characterization, resolving analysis, optimization and mechanistic studies. <i>RSC Advances</i> , 2017, 7, 5362-5371.	3.6	42

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37	Centrifuge-free dispersive liquid-liquid microextraction based on the salting-out effect followed by high performance liquid chromatography for simple and sensitive determination of polycyclic aromatic hydrocarbons in water samples. <i>Analytical Methods</i> , 2017, 9, 1732-1740.	2.7	17
38	Selective determination of chromium(VI) ions using in-tube electro-membrane extraction followed by flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 132, 378-384.	4.5	24
39	Photo-degradation of basic green 1 and basic red 46 dyes in their binary solution by La ₂ O ₃ -Al ₂ O ₃ nanocomposite using first-order derivative spectra and experimental design methodology. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 179, 58-65.	3.9	14
40	Magnetic graphitic carbon nitride nanoparticles covalently modified with an ethylenediamine for dispersive solid-phase extraction of lead(II) and cadmium(II) prior to their quantitation by FAAS. <i>Mikrochimica Acta</i> , 2017, 184, 3027-3035.	5.0	74
41	Chemometric assisted sonochemical dyes adsorption in ternary solutions onto Cu nanowires loaded on activated carbon. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017, 76, 115-125.	5.3	10
42	Improved in-tube electro-membrane extraction followed by high-performance liquid chromatography for simple and selective determination of ionic compounds: Optimization by central composite design. <i>Journal of Separation Science</i> , 2017, 40, 2967-2974.	2.5	9
43	Combination of magnetic dispersive micro solid-phase extraction and supramolecular solvent-based microextraction followed by high-performance liquid chromatography for determination of trace amounts of cholesterol-lowering drugs in complicated matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4395-4407.	3.7	25
44	Ultrasound-promoted dispersive micro solid-phase extraction of trace anti-hypertensive drugs from biological matrices using a sonochemically synthesized conductive polymer nanocomposite. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 12-24.	8.2	40
45	Rapid determination of some psychotropic drugs in complex matrices by tandem dispersive liquid-liquid microextraction followed by high performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1052, 51-59.	2.3	27
46	Centrifugeless ultrasound-assisted emulsification microextraction based on salting-out phenomenon followed by high-performance liquid chromatography for the simple determination of phthalate esters in aqueous samples. <i>Journal of Separation Science</i> , 2017, 40, 2022-2029.	2.5	12
47	Centrifugeless dispersive liquid-liquid microextraction based on salting-out phenomenon as an efficient method for determination of phenolic compounds in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3007-3016.	3.7	21
48	Dissolvable layered double hydroxide as an efficient nanosorbent for centrifugeless air-agitated dispersive solid-phase extraction of potentially toxic metal ions from bio-fluid samples. <i>Analytica Chimica Acta</i> , 2017, 957, 1-9.	5.4	61
49	A twin purification/enrichment procedure based on two versatile solid/liquid extracting agents for efficient uptake of ultra-trace levels of lorazepam and clonazepam from complex bio-matrices. <i>Journal of Chromatography A</i> , 2017, 1524, 1-12.	3.7	20
50	Rapid derivatization and extraction of paraben preservatives by fast syringe-assisted liquid-liquid microextraction and their determination in cosmetic and aqueous sample solutions by gas chromatography. <i>Analytical Methods</i> , 2017, 9, 5963-5969.	2.7	23
51	Development of effervescence-assisted liquid phase microextraction based on fatty acid for determination of silver and cobalt ions using micro-sampling flame atomic absorption spectrometry. <i>Journal of Molecular Liquids</i> , 2017, 242, 1176-1183.	4.9	53
52	Low-toxic air-agitated liquid-liquid microextraction using a solidifiable organic solvent followed by gas chromatography for analysis of amitriptyline and imipramine in human plasma and wastewater samples. <i>Microchemical Journal</i> , 2017, 130, 122-128.	4.5	30
53	A One-pot, Simple, and Clean Method for Synthesis of New Phenothiazines via Electro-oxidation of Hydroquinones in the Presence of 2-Aminothiophenol. <i>Chemistry Letters</i> , 2016, 45, 430-432.	1.3	2
54	Application of a tandem air-agitated liquid-liquid microextraction technique based on solidification of floating organic droplets as an efficient extraction method for determination of cholesterol-lowering drugs in complicated matrices. <i>RSC Advances</i> , 2016, 6, 93582-93589.	3.6	13

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55	Rapid determination of some beta-blockers in complicated matrices by tandem dispersive liquid-liquid microextraction followed by high performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8163-8176.	3.7	16
56	Optimized miniaturized air-assisted liquid-liquid microextraction for determination of non-steroidal anti-inflammatory drugs in bio-fluid samples. <i>RSC Advances</i> , 2016, 6, 109473-109484.	3.6	7
57	Application of tandem dispersive liquid-liquid microextraction for the determination of doxepin, citalopram, and fluvoxamine in complicated samples. <i>Journal of Separation Science</i> , 2016, 39, 4828-4834.	2.5	18
58	Air-assisted dispersive micro-solid phase extraction of polycyclic aromatic hydrocarbons using a magnetic graphitic carbon nitride nanocomposite. <i>Mikrochimica Acta</i> , 2016, 183, 1449-1458.	5.0	74
59	Tandem air-agitated liquid-liquid microextraction as an efficient method for determination of acidic drugs in complicated matrices. <i>Analytica Chimica Acta</i> , 2016, 917, 44-52.	5.4	56
60	Tandem dispersive liquid-liquid microextraction as an efficient method for determination of basic drugs in complicated matrices. <i>Journal of Chromatography A</i> , 2016, 1429, 13-21.	3.7	54
61	Electrophoretic micro-preconcentration of ionizable compounds as a green approach in sample preparation. <i>Microchemical Journal</i> , 2016, 125, 124-129.	4.5	11
62	A Simple Organic Solvent-Free Liquid-Liquid Microextraction Method for the Determination of Potentially Toxic Metals as 2-(5-Bromo-2-pyridylazo)-5-(diethylamino)phenol Complex from Food and Biological Samples. <i>Biological Trace Element Research</i> , 2016, 170, 496-507.	3.5	18
63	Comparison of air-agitated liquid-liquid microextraction and ultrasound-assisted emulsification microextraction for polycyclic aromatic hydrocarbons determination in hookah water. <i>Journal of Separation Science</i> , 2015, 38, 2496-2502.	2.5	25
64	Mechanistic Investigation of the Electro-Oxidation of Catechols in the Presence of N-Methylbenzylamine at Room Temperature: Synthesis of New Quinone Derivatives. <i>Progress in Reaction Kinetics and Mechanism</i> , 2015, 40, 77-85.	2.1	2
65	Green and One-Pot Electrochemical Synthesis of New Benzofurans Based on an ECC Mechanism. <i>Progress in Reaction Kinetics and Mechanism</i> , 2015, 40, 163-168.	2.1	1
66	Dispersive suspended-solidified floating organic droplet microextraction of nonsteroidal anti-inflammatory drugs: comparison of suspended droplet-based and dispersive-based liquid-phase microextraction methods. <i>RSC Advances</i> , 2015, 5, 106574-106588.	3.6	11
67	In-tube electro-membrane extraction with a sub-microliter organic solvent consumption as an efficient technique for synthetic food dyes determination in foodstuff samples. <i>Journal of Chromatography A</i> , 2015, 1410, 35-43.	3.7	41
68	Organic solvent-free air-assisted liquid-liquid microextraction for optimized extraction of illegal azo-based dyes and their main metabolite from spices, cosmetics and human bio-fluid samples in one step. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 998-999, 15-25.	2.3	44
69	Response surface methodology approach for optimization of simultaneous dye and metal ion ultrasound-assisted adsorption onto Mn doped Fe ₃ O ₄ -NPs loaded on AC: kinetic and isothermal studies. <i>Dalton Transactions</i> , 2015, 44, 14707-14723.	3.3	230
70	Comparison of ultrasound-enhanced air-assisted liquid-liquid microextraction and low-density solvent-based dispersive liquid-liquid microextraction methods for determination of nonsteroidal anti-inflammatory drugs in human urine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 297-305.	2.8	46
71	Optimized syringe-assisted dispersive micro solid phase extraction coupled with microsampling flame atomic absorption spectrometry for the simple and fast determination of potentially toxic metals in fruit juice and bio-fluid samples. <i>RSC Advances</i> , 2015, 5, 31930-31941.	3.6	38
72	Simultaneous extraction and preconcentration of some metal ions using eucalyptus-wood based activated carbon modified with silver hydroxide nanoparticles and a chelating agent: optimization by an experimental design. <i>RSC Advances</i> , 2015, 5, 89204-89217.	3.6	24

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73	In-line micro-matrix solid-phase dispersion extraction for simultaneous separation and extraction of Sudan dyes in different spices. <i>Journal of Chromatography A</i> , 2015, 1425, 42-50.	3.7	42
74	Extraction of ultra-traces of lead, chromium and copper using ruthenium nanoparticles loaded on activated carbon and modified with N,N-bis-(\pm -methylsalicylidene)-2,2-dimethylpropane-1,3-diamine. <i>Mikrochimica Acta</i> , 2015, 182, 1187-1196.	5.0	27
75	Hybrid Amine-Functionalized Titania/Silica Nanoparticles for Solid-Phase Extraction of Lead, Copper, and Zinc from Food and Water Samples: Kinetics and Equilibrium Studies. <i>Food Analytical Methods</i> , 2015, 8, 815-824.	2.6	19
76	Magnetic solid-phase extraction of Zineb by C18-functionalised paramagnetic nanoparticles and determination by first-derivative spectrophotometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1123-1138.	3.3	19
77	Ionic liquid-based dispersive liquid-liquid microextraction combined with high performance liquid chromatography-UV detection for simultaneous preconcentration and determination of Ni, Co, Cu and Zn in water samples. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 63-76.	0.8	29
78	Nano-alumina coated with SDS and modified with salicylaldehyde-5-sulfonate for extraction of heavy metals and their determination by anodic stripping voltammetry. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3737-3743.	5.8	12
79	Ultrasound-assisted ionic liquid based dispersive liquid-liquid microextraction and flame atomic absorption spectrometry of cobalt, copper, and zinc in environmental water samples. <i>Journal of Molecular Liquids</i> , 2014, 194, 166-171.	4.9	82
80	Ionic liquid-based ultrasound-assisted surfactant-emulsified microextraction for simultaneous determination of three important flavoring compounds in plant extracts and urine samples. <i>Food Research International</i> , 2014, 62, 761-770.	6.2	30
81	Ultrasound-assisted temperature-controlled ionic-liquid dispersive liquid-phase microextraction method for simultaneous determination of anethole, estragole, and para-anisaldehyde in different plant extracts and human urine: a comparative study. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4501-4512.	3.7	42
82	Combination of solid-phase extraction and flame atomic absorption spectrometry for simultaneous preconcentration and determination of some heavy metals in real samples. <i>Desalination and Water Treatment</i> , 2014, 52, 5430-5441.	1.0	7
83	Application of ultrasound-assisted emulsification microextraction for simultaneous determination of aminophenol isomers in human urine, hair dye, and water samples using high-performance liquid chromatography. <i>Human and Experimental Toxicology</i> , 2014, 33, 863-872.	2.2	13
84	Simplified miniaturized ultrasound-assisted matrix solid phase dispersion extraction and high performance liquid chromatographic determination of seven flavonoids in citrus fruit juice and human fluid samples: Hesperetin and naringenin as biomarkers. <i>Journal of Chromatography A</i> , 2013, 1311, 30-40.	3.7	69
85	Trace amounts determination of lead, zinc and copper by adsorptive stripping voltammetry in the presence of dopamine. <i>Journal of Analytical Chemistry</i> , 2010, 65, 511-517.	0.9	9
86	A study of the performance characteristics of immunoaffinity solid phase microextraction probes for extraction of a range of benzodiazepines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 506-519.	2.8	40