Mohammad Faraji

List of Publications by Year
in descending order

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63 papers	3,821 citations	159585 30 h-index	144013 57 g-index
63 all docs	63 docs citations	63 times ranked	3582 citing authors

#	Article	IF	Citations
1	Deep eutectic solvent-based dispersive liquid-liquid micro-extraction for extraction of malachite green and crystal violet in water samples prior their determination using high performance liquid chromatography. International Journal of Environmental Analytical Chemistry, 2022, 102, 681-689.	3.3	10
2	A Hydrophobic Deep Eutectic Solvent-Based Ultrasound-Assisted Dispersive Liquidâ€“Liquid Microextraction for Determination of Î²-Lactam Antibiotics Residues in Food Samples. Food Analytical Methods, 2022, 15, 391-400.	2.6	17
3	Application of vortex assisted dispersive liquid-liquid microextraction based on a new deep eutectic solvent for microextraction of aromatic amines from simulant of kitchenware samples by HPLC-UV. Microchemical Journal, 2022, 175, 107124.	4.5	11
4	Determination of aromatic amines in environmental water samples by deep eutectic solvent-based dispersive liquid-liquid microextraction followed by HPLC-UV. Arabian Journal of Chemistry, 2022, 15, 103783.	4.9	7
5	New and efficient magnetic nanocomposite extraction using multifunctional deep eutectic solvent based on ferrofluid and vortex assisted-liquidâ€“liquid microextraction: Determining primary aromatic amines (PAAs) in tetra-packed fruit juices. Food Chemistry, 2022, 386, 132822.	8.2	9
6	Development of a deep eutectic solvent-based dispersive liquidâ€“liquid microextraction method followed by back-extraction and diazotization coupled to spectrophotometry for determination of total primary aromatic amines from food simulants. Journal of the Iranian Chemical Society, 2022, 19, 3539-3548.	2.2	5
7	Combining of modified QuEChERS and dispersive liquidâ€“liquid microextraction as an efficient sample preparation method for extraction of acetamiprid and imidacloprid from pistachio samples. Journal of the Iranian Chemical Society, 2021, 18, 641-649.	2.2	13
8	Application of magnetic nanomaterials in food analysis. , 2021, , 87-120.		1
9	Application of magnetic nanomaterials in environmental monitoring. , 2021, , 155-189.		1
10	The recent advances in magnetic sorbents and their applications. TrAC - Trends in Analytical Chemistry, 2021, 141, 116302.	11.4	65
11	Characterization of magnetic nanomaterials. , 2021, , 39-60.		1
12	Extraction of chromium (VI) in water samples by dispersive liquidâ€“liquid microextraction based on deep eutectic solvent and determination by UVâ€“Vis spectrophotometry. International Journal of Environmental Analytical Chemistry, 2020, 100, 1146-1159.	3.3	27
13	On-chip electromembrane extraction followed by sensitive digital image-based colorimetry for determination of trace amounts of Cr(<scp>vi</scp>). Analytical Methods, 2020, 12, 483-490.	2.7	39
14	Preparation of a ternary deep eutectic solvent as extraction solvent for dispersive liquid-liquid microextraction of nitrophenols in water samples. Journal of Environmental Chemical Engineering, 2020, 8, 103948.	6.7	42
15	Triazine-Based Polymeric Network-Modified Magnetic Nanoparticles (NPs) as an Efficient Sorbent to Extract 1-Naphthylacetic Acid in Fruit and Vegetable Samples. Chromatographia, 2020, 83, 863-871.	1.3	2
16	Magnetic solid phase extraction based on poly(Î²-cyclodextrin-ester) functionalized silica-coated magnetic nanoparticles (NPs) for simultaneous extraction of the malachite green and crystal violet from aqueous samples. Environmental Monitoring and Assessment, 2020, 192, 262.	2.7	15
17	Green, fast and simple dispersive liquid-liquid microextraction method by using hydrophobic deep eutectic solvent for analysis of folic acid in fortified flour samples before liquid chromatography determination. Food Chemistry, 2020, 320, 126486.	8.2	29
18	Preferential solvation of quercetin in aqueous aprotic solvent mixtures. Journal of the Serbian Chemical Society, 2020, 85, 227-236.	0.8	0

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19	Novel hydrophobic deep eutectic solvent for vortex assisted dispersive liquid-liquid micro-extraction of two auxins in water and fruit juice samples and determination by high performance liquid chromatography. Microchemical Journal, 2019, 150, 104130.	4.5	35
20	(4-Hydroxy-2-oxo-2H-chromen-3-yl)methyl pyrrolidine-1-carbodithioate as a novel, highly selective and sensitive ligand for determination of copper in water and food samples by dispersive liquidâ€“liquid microextraction coupled with microvolume UVâ€“Vis spectrophotometry. Journal of the Iranian Chemical Society, 2019, 16, 1579-1589.	2.2	5
21	Determination of some red dyes in food samples using a hydrophobic deep eutectic solvent-based vortex assisted dispersive liquid-liquid microextraction coupled with high performance liquid chromatography. Journal of Chromatography A, 2019, 1591, 15-23.	3.7	117
22	Simultaneous magnetic solid phase extraction of acidic and basic pesticides using triazine-based polymeric network modified magnetic nanoparticles/graphene oxide nanocomposite in water and food samples. Microchemical Journal, 2019, 146, 630-639.	4.5	45
23	Simultaneous extraction of acidic and basic drugs via on-chip electromembrane extraction using a single-compartment microfluidic device. Analyst, The, 2019, 144, 1159-1166.	3.5	40
24	Recent Advances and Trends in Applications of Solid-Phase Extraction Techniques in Food and Environmental Analysis. Chromatographia, 2019, 82, 1207-1249.	1.3	85
25	Efficient removal of anionic dyes from aqueous media using newly in situ synthesized triazine-based nitrogen-rich network-modified magnetic nanoparticles. Journal of the Iranian Chemical Society, 2018, 15, 733-741.	2.2	13
26	Determination of acetamiprid, imidacloprid, and spirotetramat and their relevant metabolites in pistachio using modified QuEChERS combined with liquid chromatography-tandem mass spectrometry. Food Chemistry, 2018, 240, 634-641.	8.2	82
27	2-Naphthalenthiol derivatization followed by dispersive liquidâ€“liquid microextraction as an efficient and sensitive method for determination of acrylamide in bread and biscuit samples using high-performance liquid chromatography. Journal of Chromatography A, 2018, 1558, 14-20.	3.7	36
28	Electromembrane extraction of biogenic amines in food samples by a microfluidic-chip system followed by dabsyl derivatization prior to high performance liquid chromatography analysis. Journal of Chromatography A, 2018, 1556, 21-28.	3.7	42
29	Quick, Easy, Cheap, Effective, Rugged, and Safe Method Followed by Ionic Liquid-Dispersive Liquidâ€“Liquid Microextraction for the Determination of Trace Amount of Bisphenol A in Canned Foods. Food Analytical Methods, 2017, 10, 764-772.	2.6	28
30	Sensitive determination of melamine in milk and powdered infant formula samples by high-performance liquid chromatography using dabsyl chloride derivatization followed by dispersive liquidâ€“liquid microextraction. Food Chemistry, 2017, 221, 139-146.	8.2	43
31	Removal of copper, nickel and zinc by sodium dodecyl sulphate coated magnetite nanoparticles from water and wastewater samples. Arabian Journal of Chemistry, 2017, 10, S514-S521.	4.9	89
32	Magnetite nanoparticles with surface modification for removal of methyl violet from aqueous solutions. Arabian Journal of Chemistry, 2016, 9, S348-S354.	4.9	109
33	Dabsyl chloride derivatisation of melamine followed by high-performance liquid chromatography determination in water samples. International Journal of Environmental Analytical Chemistry, 2016, 96, 1430-1439.	3.3	1
34	Preconcentration of trace amounts of lead in water samples with cetyltrimethylammonium bromide coated magnetite nanoparticles and its determination by flame atomic absorption spectrometry. Arabian Journal of Chemistry, 2016, 9, S1540-S1546.	4.9	18
35	Effect of Lactobacillus casei- casei and Lactobacillus reuteri on acrylamide formation in flat bread and Bread roll. Journal of Food Science and Technology, 2016, 53, 1531-1539.	2.8	23
36	Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in Olive and Refined Pomace Olive Oils with Modified Low Temperature and Ultrasound-Assisted Liquidâ€“Liquid Extraction Method Followed by the HPLC/FLD. Food Analytical Methods, 2016, 9, 1220-1227.	2.6	33

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37	Solvatochromism of naringenin in aqueous alcoholic mixtures. Journal of the Serbian Chemical Society, 2016, 81, 1161-1169.	0.8	0
38	Magnetic silica nanomaterials for solid-phase extraction combined with dispersive liquid-liquid microextraction of ultra-trace quantities of plasticizers. Mikrochimica Acta, 2015, 182, 1491-1499.	5.0	34
39	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.	2.6	14
40	Extracting trace amount of terbinafine hydrochloride in biological fluids and wastewater samples using solidâ€phaseâ€extraction based on magnetic nanoparticles followed by HPLCâ€UV analysis. Asia-Pacific Journal of Chemical Engineering, 2014, 9, 826-833.	1.5	3
41	Extraction and determination of trace amounts of chlorpromazine in biological fluids using magnetic solid phase extraction followed by HPLC. Journal of Pharmaceutical Analysis, 2014, 4, 279-285.	5.3	39
42	Solid-phase microextraction based on cetyltrimethylammonium bromide-coated magnetic nanoparticles for determination of antidepressants from biological fluids. Medicinal Chemistry Research, 2013, 22, 1570-1577.	2.4	48
43	Ionic strength effect on deprotonation of para-sulfonatocalix[4]arene. Journal of the Serbian Chemical Society, 2013, 78, 681-688.	0.8	6
44	Complexation of p-Sulphonato-calix[6]arene by Glycine, Glycyl-glycine, and Glycyl-glycyl-glycine in Aqueous Solution. Journal of Solution Chemistry, 2012, 41, 2074-2081.	1.2	6
45	Ionic liquid based dispersive liquid-liquid microextraction combined with ICP-OES for the determination of trace quantities of cobalt, copper, manganese, nickel and zinc in environmental water samples. Mikrochimica Acta, 2012, 177, 119-127.	5.0	89
46	Fe3O4 magnetic nanoparticles modified with sodium dodecyl sulfate for removal of safranin O dye from aqueous solutions. Desalination, 2011, 270, 160-165.	8.2	170
47	Deprotonation of salicylic acid and 5-nitrosalicylic acid in aqueous solutions of ethanol. Journal of the Serbian Chemical Society, 2011, 76, 1455-1463.	0.8	9
48	Novel extraction method based on the dispersion of the extraction solvent for extraction of letrozole from biological fluids. Analytical Methods, 2010, 2, 1341.	2.7	27
49	A simple and rapid new dispersive liquidâ€“liquid microextraction based on solidification of floating organic drop combined with inductively coupled plasma-optical emission spectrometry for preconcentration and determination of aluminium in water samples. Journal of Hazardous Materials, 2010, 178, 766-770.	12.4	155
50	Sulfonic acid supported on hydroxyapatite-encapsulated-Î³-Fe2O3 nanocrystallites as a magnetically BrÃ¸nsted acid for N-formylation of amines. Applied Catalysis A: General, 2010, 377, 64-69.	4.3	121
51	Supercritical fluid extraction combined with dispersive liquidâ€“liquid microextraction as a sensitive and efficient sample preparation method for determination of organic compounds in solid samples. Journal of Supercritical Fluids, 2010, 55, 161-168.	3.2	58
52	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.	5.4	242
53	Dispersive liquidâ€“liquid microextraction based on the solidification of floating organic drop followed by inductively coupled plasma-optical emission spectrometry as a fast technique for the simultaneous determination of heavy metals. Journal of Chromatography A, 2010, 1217, 2358-2364.	3.7	152
54	Evolution of dispersive liquidâ€“liquid microextraction method. Journal of Chromatography A, 2010, 1217, 2342-2357.	3.7	844

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55	An optimal pole-matching observer design for estimating tyreâ€“road friction force. Vehicle System Dynamics, 2010, 48, 1155-1166.	3.7	11
56	Extraction of trace amounts of mercury with sodium dodecyle sulphate-coated magnetite nanoparticles and its determination by flow injection inductively coupled plasma-optical emission spectrometry. Talanta, 2010, 81, 831-836.	5.5	142
57	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.	2.5	27
58	On-line solid phase extraction coupled to ICP-OES for simultaneous preconcentration and determination of some transition elements. Mikrochimica Acta, 2009, 165, 65-72.	5.0	25
59	Hollow fiber liquid phase microextraction followed by high performance liquid chromatography for determination of ultra-trace levels of Se(IV) after derivatization in urine, plasma and natural water samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 1758-1764.	2.3	40
60	Application of cotton as a solid phase extraction sorbent for on-line preconcentration of copper in water samples prior to inductively coupled plasma optical emission spectrometry determination. Journal of Hazardous Materials, 2009, 166, 1383-1388.	12.4	83
61	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.	3.7	251
62	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.	5.4	84
63	Supramolecular-based solvent microextraction of carbaryl in water samples followed by high performance liquid chromatography determination. International Journal of Environmental Analytical Chemistry, 0, , 1-13.	3.3	3