

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	Evolution of dispersive liquid-liquid microextraction method. <i>Journal of Chromatography A</i> , 2010, 1217, 2342-2357.	3.7	844
2	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. <i>Journal of Chromatography A</i> , 2009, 1216, 6673-6679.	3.7	251
3	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. <i>Analytica Chimica Acta</i> , 2010, 659, 172-177.	5.4	242
4	Fe ₃ O ₄ magnetic nanoparticles modified with sodium dodecyl sulfate for removal of safranin O dye from aqueous solutions. <i>Desalination</i> , 2011, 270, 160-165.	8.2	170
5	A simple and rapid new dispersive liquid-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. <i>Journal of Hazardous Materials</i> , 2010, 178, 766-770.	12.4	155
6	Dispersive liquid-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. <i>Journal of Chromatography A</i> , 2010, 1217, 2358-2364.	3.7	152
7	Extraction of trace amounts of mercury with sodium dodecyl sulphate-coated magnetite nanoparticles and its determination by flow injection inductively coupled plasma-optical emission spectrometry. <i>Talanta</i> , 2010, 81, 831-836.	5.5	142
8	Sulfonic acid supported on hydroxyapatite-encapsulated- ⁵⁷ Fe ₂ O ₃ nanocrystallites as a magnetically Brønsted acid for N-formylation of amines. <i>Applied Catalysis A: General</i> , 2010, 377, 64-69.	4.3	121
9	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. <i>Journal of Chromatography A</i> , 2019, 1591, 15-23.	3.7	117
10	Magnetite nanoparticles with surface modification for removal of methyl violet from aqueous solutions. <i>Arabian Journal of Chemistry</i> , 2016, 9, S348-S354.	4.9	109
11	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. <i>Mikrochimica Acta</i> , 2012, 177, 119-127.	5.0	89
12	Removal of copper, nickel and zinc by sodium dodecyl sulphate coated magnetite nanoparticles from water and wastewater samples. <i>Arabian Journal of Chemistry</i> , 2017, 10, S514-S521.	4.9	89
13	Recent Advances and Trends in Applications of Solid-Phase Extraction Techniques in Food and Environmental Analysis. <i>Chromatographia</i> , 2019, 82, 1207-1249.	1.3	85
14	On-line metals preconcentration and simultaneous determination using cloud point extraction and inductively coupled plasma optical emission spectrometry in water samples. <i>Analytica Chimica Acta</i> , 2008, 612, 144-151.	5.4	84
15	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. <i>Journal of Hazardous Materials</i> , 2009, 166, 1383-1388.	12.4	83
16	Determination of acetamiprid, imidacloprid, and spirotetramat and their relevant metabolites in pistachio using modified QuEChERS combined with liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 240, 634-641.	8.2	82
17	The recent advances in magnetic sorbents and their applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 141, 116302.	11.4	65
18	Supercritical fluid extraction combined with dispersive liquid-liquid microextraction as a sensitive and efficient sample preparation method for determination of organic compounds in solid samples. <i>Journal of Supercritical Fluids</i> , 2010, 55, 161-168.	3.2	58

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19	Solid-phase microextraction based on cetyltrimethylammonium bromide-coated magnetic nanoparticles for determination of antidepressants from biological fluids. <i>Medicinal Chemistry Research</i> , 2013, 22, 1570-1577.	2.4	48
20	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. <i>Microchemical Journal</i> , 2019, 146, 630-639.	4.5	45
21	Sensitive determination of melamine in milk and powdered infant formula samples by high-performance liquid chromatography using dabsyl chloride derivatization followed by dispersive liquid-liquid microextraction. <i>Food Chemistry</i> , 2017, 221, 139-146.	8.2	43
22	Electromembrane extraction of biogenic amines in food samples by a microfluidic-chip system followed by dabsyl derivatization prior to high performance liquid chromatography analysis. <i>Journal of Chromatography A</i> , 2018, 1556, 21-28.	3.7	42
23	Preparation of a ternary deep eutectic solvent as extraction solvent for dispersive liquid-liquid microextraction of nitrophenols in water samples. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103948.	6.7	42
24	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1758-1764.	2.3	40
25	Simultaneous extraction of acidic and basic drugs via on-chip electromembrane extraction using a single-compartment microfluidic device. <i>Analyst</i> , 2019, 144, 1159-1166.	3.5	40
26	Extraction and determination of trace amounts of chlorpromazine in biological fluids using magnetic solid phase extraction followed by HPLC. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 279-285.	5.3	39
27	On-chip electromembrane extraction followed by sensitive digital image-based colorimetry for determination of trace amounts of Cr(VI). <i>Analytical Methods</i> , 2020, 12, 483-490.	2.7	39
28	2-Naphthalenthioil derivatization followed by dispersive liquid-liquid microextraction as an efficient and sensitive method for determination of acrylamide in bread and biscuit samples using high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1558, 14-20.	3.7	36
29	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. <i>Microchemical Journal</i> , 2019, 150, 104130.	4.5	35
30	Magnetic silica nanomaterials for solid-phase extraction combined with dispersive liquid-liquid microextraction of ultra-trace quantities of plasticizers. <i>Mikrochimica Acta</i> , 2015, 182, 1491-1499.	5.0	34
31	Determination of Polycyclic Aromatic Hydrocarbons (PAHs) in Olive and Refined Pomace Olive Oils with Modified Low Temperature and Ultrasound-Assisted Liquid-Liquid Extraction Method Followed by the HPLC/FLD. <i>Food Analytical Methods</i> , 2016, 9, 1220-1227.	2.6	33
32	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. <i>Food Chemistry</i> , 2020, 320, 126486.	8.2	29
33	Quick, Easy, Cheap, Effective, Rugged, and Safe Method Followed by Ionic Liquid-Dispersive Liquid-Liquid Microextraction for the Determination of Trace Amount of Bisphenol A in Canned Foods. <i>Food Analytical Methods</i> , 2017, 10, 764-772.	2.6	28
34	Comparison of solidification of floating drop and homogenous liquid-liquid microextractions for the extraction of two plasticizers from the water kept in PET bottles. <i>Journal of Separation Science</i> , 2009, 32, 3201-3208.	2.5	27
35	Novel extraction method based on the dispersion of the extraction solvent for extraction of letrozole from biological fluids. <i>Analytical Methods</i> , 2010, 2, 1341.	2.7	27
36	Extraction of chromium (VI) in water samples by dispersive liquid-liquid microextraction based on deep eutectic solvent and determination by UV-Vis spectrophotometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1146-1159.	3.3	27

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37	On-line solid phase extraction coupled to ICP-OES for simultaneous preconcentration and determination of some transition elements. <i>Mikrochimica Acta</i> , 2009, 165, 65-72.	5.0	25
38	Effect of <i>Lactobacillus casei</i> - <i>casei</i> and <i>Lactobacillus reuteri</i> on acrylamide formation in flat bread and Bread roll. <i>Journal of Food Science and Technology</i> , 2016, 53, 1531-1539.	2.8	23
39	Preconcentration of trace amounts of lead in water samples with cetyltrimethylammonium bromide coated magnetite nanoparticles and its determination by flame atomic absorption spectrometry. <i>Arabian Journal of Chemistry</i> , 2016, 9, S1540-S1546.	4.9	18
40	A Hydrophobic Deep Eutectic Solvent-Based Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction for Determination of β -Lactam Antibiotics Residues in Food Samples. <i>Food Analytical Methods</i> , 2022, 15, 391-400.	2.6	17
41	Magnetic solid phase extraction based on poly(β -cyclodextrin-ester) functionalized silica-coated magnetic nanoparticles (NPs) for simultaneous extraction of the malachite green and crystal violet from aqueous samples. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 262.	2.7	15
42	Hollow-Fiber Liquid-Phase Microextraction Followed by Gas Chromatography Flame Ionization Detection for the Determination of Amitraz in Honey and Water Samples. <i>Food Analytical Methods</i> , 2015, 8, 758-766.	2.6	14
43	Efficient removal of anionic dyes from aqueous media using newly in situ synthesized triazine-based nitrogen-rich network-modified magnetic nanoparticles. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 733-741.	2.2	13
44	Combining of modified QuEChERS and dispersive liquid-liquid microextraction as an efficient sample preparation method for extraction of acetamiprid and imidacloprid from pistachio samples. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 641-649.	2.2	13
45	An optimal pole-matching observer design for estimating tyre-road friction force. <i>Vehicle System Dynamics</i> , 2010, 48, 1155-1166.	3.7	11
46	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. <i>Microchemical Journal</i> , 2022, 175, 107124.	4.5	11
47	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 681-689.	3.3	10
48	Deprotonation of salicylic acid and 5-nitrosalicylic acid in aqueous solutions of ethanol. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1455-1463.	0.8	9
49	New and efficient magnetic nanocomposite extraction using multifunctional deep eutectic solvent based on ferrofluid and vortex assisted-liquid-liquid microextraction: Determining primary aromatic amines (PAAs) in tetra-packed fruit juices. <i>Food Chemistry</i> , 2022, 386, 132822.	8.2	9
50	Determination of aromatic amines in environmental water samples by deep eutectic solvent-based dispersive liquid-liquid microextraction followed by HPLC-UV. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103783.	4.9	7
51	Complexation of p-Sulphonato-calix[6]arene by Glycine, Glycyl-glycine, and Glycyl-glycyl-glycine in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2012, 41, 2074-2081.	1.2	6
52	Ionic strength effect on deprotonation of para-sulfonatocalix[4]arene. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 681-688.	0.8	6
53	(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 liquid-liquid microextraction coupled with microvolume UV-Vis spectrophotometry. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1579-1589.	2.2	5
54	Development of a deep eutectic solvent-based dispersive liquid-liquid microextraction method followed by back-extraction and diazotization coupled to spectrophotometry for determination of total primary aromatic amines from food simulants. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3539-3548.	2.2	5

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55	Extracting trace amount of terbinafine hydrochloride in biological fluids and wastewater samples using solid-phase extraction based on magnetic nanoparticles followed by HPLC-UV analysis. Asia-Pacific Journal of Chemical Engineering, 2014, 9, 826-833.	1.5	3
56	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
57	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
58	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
59	Application of magnetic nanomaterials in food analysis. , 2021, , 87-120.		1
60	Application of magnetic nanomaterials in environmental monitoring. , 2021, , 155-189.		1
61	Characterization of magnetic nanomaterials. , 2021, , 39-60.		1
62	Solvatochromism of naringenin in aqueous alcoholic mixtures. Journal of the Serbian Chemical Society, 2016, 81, 1161-1169.	0.8	0
63	Preferential solvation of quercetin in aqueous aprotic solvent mixtures. Journal of the Serbian Chemical Society, 2020, 85, 227-236.	0.8	0