

Mohammadreza Hadjmohammadi

List of Publications by Year in descending order

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72
papers

1,397
citations

279487

23
h-index

395343

33
g-index

72
all docs

72
docs citations

72
times ranked

1464
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and theoretical studies of the interactions of some synthetic food dyes with human serum albumin. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 885-892.	1.2	3
2	Development of magnetic dispersive micro-solid phase extraction based on magnetic agarose nanoparticles and deep eutectic solvents for the isolation and pre-concentration of three flavonoids in edible natural samples. <i>Talanta</i> , 2021, 222, 121649.	2.9	30
3	Simultaneous extraction and analysis of clozapine and lorazepam from human plasma using dual solvent-stir bar microextraction with different acceptor phases followed by high-performance liquid chromatography ultra-violet detection. <i>Analytical Methods</i> , 2021, 13, 110-116.	1.3	6
4	Polyvinylidene difluoride film with embedded poly(amidoamine) modified graphene oxide for extraction of chlorpyrifos and diazinon. <i>Mikrochimica Acta</i> , 2021, 188, 37.	2.5	12
5	Nanofluid of magnetic-activated charcoal and hydrophobic deep eutectic solvent: Application in dispersive magnetic solid-phase extraction for the determination and preconcentration of warfarin in biological samples by high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2021, 35, e5113.	0.8	14
6	Amino acids- based hydrophobic natural deep eutectic solvents as a green acceptor phase in two-phase hollow fiber-liquid microextraction for the determination of caffeic acid in coffee, green tea, and tomato samples. <i>Microchemical Journal</i> , 2021, 164, 106021.	2.3	30
7	Development of magnetic dispersive micro-solid phase extraction based on magnetic adipic acid nanoparticles and deep eutectic solvents for the isolation and pre-concentration of phenolic compounds in fruit juice samples prior to determination by HPLC-UV. <i>Microchemical Journal</i> , 2021, 170, 106721.	2.3	10
8	Development of magnetic solid phase extraction based on magnetic chitosan-graphene oxide nanoparticles and deep eutectic solvents for the determination of flavonoids by high performance liquid chromatography. <i>Analytical Methods</i> , 2021, 13, 5821-5829.	1.3	11
9	Extraction and determination of flavonoids in fruit juices and vegetables using Fe ₃ O ₄ /SiO ₂ magnetic nanoparticles modified with mixed hemi/admicelle cetyltrimethylammonium bromide and high performance liquid chromatography. <i>Journal of Separation Science</i> , 2020, 43, 1224-1231.	1.3	12
10	In situ growth of zeolitic imidazolate framework-8 on woven cotton yarn for the thin film microextraction of quercetin in human plasma and food samples. <i>Analytica Chimica Acta</i> , 2020, 1131, 45-55.	2.6	23
11	Dimethyldioctadecylammonium bentonite immobilized magnetic chitosan nanoparticles as an efficient adsorbent for vortex-assisted magnetic dispersive micro-solid-phase extraction of celecoxib from human breast milk, plasma and urine samples. <i>Biomedical Chromatography</i> , 2020, 34, e4877.	0.8	11
12	In situ growth of zeolitic imidazolate framework-8 on a GO-PVDF membrane as a sorbent for thin-film microextraction of caffeine followed by quantitation through high-performance liquid chromatography. <i>Analytical Methods</i> , 2020, 12, 1736-1743.	1.3	8
13	Low-density-solvent-based air-assisted liquid-liquid microextraction of azathioprine based on multivariate optimization and its trace determination in biological samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1945-1952.	1.2	5
14	Hydrophobic borneol-based natural deep eutectic solvents as a green extraction media for air-assisted liquid-liquid micro-extraction of warfarin in biological samples. <i>Journal of Chromatography A</i> , 2020, 1621, 461030.	1.8	32
15	Development of a magnetic dispersive micro-solid-phase extraction method based on a deep eutectic solvent as a carrier for the rapid determination of meloxicam in biological samples. <i>Analytical Methods</i> , 2020, 12, 2331-2337.	1.3	22
16	Extraction and determination of three benzodiazepines in aqueous and biological samples by air-assisted liquid-liquid microextraction and high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1147-1155.	1.2	5
17	Air-assisted surfactant-enhanced emulsification liquid-liquid microextraction based on the solidification of floating organic droplets followed by high-performance liquid chromatography with ultraviolet detection for the determination of Clozapine in biological samples. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2307-2314.	1.2	7
18	Alcohol-based deep eutectic solvent as a carrier of SiO ₂ @Fe ₃ O ₄ for the development of magnetic dispersive micro-solid-phase extraction method: Application for the preconcentration and determination of morin in apple and grape juices, diluted and acidic extract of dried onion and green tea infusion samples. <i>Journal of Separation Science</i> , 2019, 42, 2842-2850.	1.3	46

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19	Modified magnetic chitosan nanoparticles based on mixed hemimicelle of sodium dodecyl sulfate for enhanced removal and trace determination of three organophosphorus pesticides from natural waters. <i>Analytica Chimica Acta</i> , 2019, 1078, 90-100.	2.6	66
20	Chiral separation of methadone using solid membrane extraction based on chiral selector, solid membrane: sheep skin leather. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1611-1616.	1.2	7
21	Polyacrylonitrile / graphene oxide nanofibers for packed sorbent microextraction of drugs and their metabolites from human plasma samples. <i>Talanta</i> , 2019, 201, 474-479.	2.9	25
22	The application of three-phase solvent bar microextraction based on a deep eutectic solvent coupled with high-performance liquid chromatography for the determination of flavonoids from vegetable and fruit juice samples. <i>Analytical Methods</i> , 2019, 11, 5134-5141.	1.3	30
23	Graphene Oxide/Polyethylene Glycol-Stick for Thin Film Microextraction of β -Blockers from Human Oral Fluid by Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3664.	1.7	10
24	Synthesis of magnetic nanoparticle-based molecularly imprinted polymer as a selective sorbent for efficient extraction of ezetimibe from biological samples. <i>Biomedical Chromatography</i> , 2019, 33, e4404.	0.8	7
25	Air assisted - vesicle based microextraction (AAVME) as a fast and green method for the extraction and determination of phenolic compounds in <i>M. officinalis</i> L samples. <i>Talanta</i> , 2019, 195, 807-814.	2.9	11
26	Magnetic core micelles as a nanosorbent for the efficient removal and recovery of three organophosphorus pesticides from fruit juice and environmental water samples. <i>Journal of Separation Science</i> , 2018, 41, 2037-2045.	1.3	17
27	Application of non-ionic surfactant as a developed method for the enhancement of two-phase solvent bar microextraction for the simultaneous determination of three phthalate esters from water samples. <i>Journal of Chromatography A</i> , 2018, 1561, 39-47.	1.8	28
28	Application of dispersive liquid-liquid microextraction with alcoholic solvents followed by HPLC-UV as a sensitive and efficient method for the extraction and determination of citalopram in biological samples using an experimental design. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 985-993.	1.2	7
29	Micellar Solution as Green Extractive Solvent for Determination of Content of Quercetin as Natural Antioxidant in Oil Samples. <i>Chromatographia</i> , 2017, 80, 873-880.	0.7	3
30	Two-phase hollow fiber-liquid microextraction based on reverse micelle for the determination of quercetin in human plasma and vegetables samples. <i>Talanta</i> , 2017, 173, 14-21.	2.9	55
31	Solvent bar microextraction using a reverse micelle containing extraction phase for the determination of warfarin from human plasma by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1496, 1-8.	1.8	24
32	Optimization of multiwalled carbon nanotubes reinforced hollow fiber solid-liquid phase microextraction for the determination of polycyclic aromatic hydrocarbons in environmental water samples using experimental design. <i>Journal of Separation Science</i> , 2017, 40, 3497-3505.	1.3	7
33	Ultrasound-assisted dispersive magnetic solid phase extraction based on amino-functionalized Fe ₃ O ₄ adsorbent for recovery of clomipramine from human plasma and its determination by high performance liquid chromatography: Optimization by experimental design. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 18-24.	1.2	11
34	Application of Sigmoidal Transformation Functions in Optimization of Micellar Liquid Chromatographic Separation of Six Quinolone Antibiotics. <i>Journal of Chromatographic Science</i> , 2016, 54, bmv164.	0.7	1
35	Fe ₃ O ₄ @p-Naphtholbenzein as a novel nano-sorbent for highly effective removal and recovery of Berberine: Response surface methodology for optimization of ultrasound assisted dispersive magnetic solid phase extraction. <i>Talanta</i> , 2016, 156-157, 18-28.	2.9	32
36	Sol-gel coating of poly(ethylene glycol)-grafted multiwalled carbon nanotubes for stir bar sorptive extraction and its application to the analysis of polycyclic aromatic hydrocarbons in water. <i>Journal of Separation Science</i> , 2016, 39, 3445-3456.	1.3	26

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37	Optimization of alcohol-assisted dispersive liquid-liquid microextraction by experimental design for the rapid determination of fluoxetine in biological samples. <i>Journal of Separation Science</i> , 2016, 39, 4784-4793.	1.3	9
38	Ultrasound-assisted supramolecular-solvent-based microextraction combined with high-performance liquid chromatography for the analysis of chlorophenols in environmental water samples. <i>Journal of Separation Science</i> , 2016, 39, 4740-4747.	1.3	10
39	Utilization of water-contained surfactant-based ultrasound-assisted microextraction followed by liquid chromatography for determination of polycyclic aromatic hydrocarbons and benzene in commercial oil sample. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1197-1204.	1.2	5
40	Determination of aromatic amines in environmental water samples using solid-phase extraction modified with sodium dodecyl sulphate and micellar liquid chromatography. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 445-459.	1.8	5
41	Green mixed micellar liquid chromatography as a toxicity screening method of psychotropic drugs. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1399-1404.	1.2	2
42	Optimization of magnetic stirring assisted dispersive liquid-liquid microextraction of rhodamine B and rhodamine 6G by response surface methodology: Application in water samples, soft drink, and cosmetic products. <i>Talanta</i> , 2015, 139, 216-225.	2.9	55
43	Mixed Hemi/Ad-Micelle Sodium Dodecyl Sulfate-Coated Magnetic Iron Oxide Nanoparticles for the Efficient Removal and Trace Determination of Rhodamine-B and Rhodamine-6G. <i>Analytical Chemistry</i> , 2015, 87, 7894-7901.	3.2	59
44	Supramolecular solvent-based microextraction of warfarin from biological samples and its determination using HPLC. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1253-1259.	1.2	13
45	Human serum albumin-mimetic chromatography based hexadecyltrimethylammonium bromide as a novel direct probe for protein binding of acidic drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 1-7.	1.4	14
46	Multi-criteria decision making for simultaneous optimization of resolution and analysis time of aromatic diamines in high-submicellar liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 123-130.	1.2	1
47	Optimization of parameters for the alcoholic-assisted dispersive liquid-liquid microextraction of estrogens in water. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 1337-1343.	1.2	9
48	Water-contained surfactant-based vortex-assisted microextraction method combined with liquid chromatography for determination of synthetic antioxidants from edible oil. <i>Journal of Chromatography A</i> , 2014, 1361, 9-15.	1.8	28
49	Separation optimization of aniline and seven 4-substituted anilines in high-submicellar liquid chromatography using empirical retention modeling and Derringer's desirability function. <i>Journal of Separation Science</i> , 2013, 36, 2450-2457.	1.3	1
50	OPTIMIZATION OF SEPARATION OF FLAVONOIDS IN MICELLAR LIQUID CHROMATOGRAPHY USING EXPERIMENTAL DESIGN AND DERRINGER'S DESIRABILITY FUNCTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 943-957.	0.5	10
51	Simultaneous isocratic separation of phenolic acids and flavonoids using micellar liquid chromatography. <i>Journal of Separation Science</i> , 2013, 36, 3667-3672.	1.3	7
52	Chromatographic Behavior of Aromatic Diamines in Hydro-Organic, Micellar and Submicellar Reversed Phase Liquid Chromatographic Modes. <i>Chromatographia</i> , 2013, 76, 23-31.	0.7	9
53	Biopartitioning micellar chromatography with sodium dodecyl sulfate as a pseudo β -1-acid glycoprotein to the prediction of protein-drug binding. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 912, 50-55.	1.2	12
54	Hollow fibre-based liquid phase microextraction combined with high-performance liquid chromatography for the analysis of flavonoids in <i>Echinophora platyloba</i> DC. and <i>Mentha piperita</i> . <i>Food Chemistry</i> , 2013, 141, 731-735.	4.2	53

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55	Developing an alcoholic-assisted dispersive liquid-liquid microextraction for extraction of pentachlorophenol in water. <i>Journal of Separation Science</i> , 2012, 35, 3375-3380.	1.3	10
56	Utilization of inverted dispersive liquid-liquid microextraction followed by HPLC-UV as a sensitive and efficient method for the extraction and determination of quercetin in honey and biological samples. <i>Talanta</i> , 2012, 89, 117-123.	2.9	78
57	Simultaneous optimization of the resolution and analysis time of flavonoids in reverse phase liquid chromatography using Derringer's desirability function. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 880, 34-41.	1.2	22
58	Low-density solvent-based dispersive liquid-liquid microextraction followed by high performance liquid chromatography for determination of warfarin in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 899, 66-71.	1.2	49
59	Use of hollow fiber liquid phase microextraction and HPLC for extraction and determination of apigenin in human urine after consumption of <i>Satureja sahendica</i> Bornm.. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 900, 85-88.	1.2	18
60	Utilization of homogeneous liquid-liquid extraction followed by HPLC-UV as a sensitive method for the extraction and determination of phthalate esters in environmental water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1312-1324.	1.8	24
61	Three-phase hollow fiber liquid phase microextraction of warfarin from human plasma and its determination by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 44-49.	1.4	52
62	Quantitative Structure-Reduction Potential Relationship Study of Some Quinones in Five Solvents. <i>Journal of Solution Chemistry</i> , 2011, 40, 224-230.	0.6	4
63	Selective Separation/Preconcentration of Silver Ion in Water by Multiwalled Carbon Nanotubes Microcolumn as a Sorbent. <i>Clean - Soil, Air, Water</i> , 2011, 39, 1081-1086.	0.7	36
64	Determination of bisphenol A in Iranian packaged milk by solid-phase extraction and HPLC. <i>Monatshefte für Chemie</i> , 2010, 141, 501-506.	0.9	20
65	Comparison of C ₁₈ silica and multi-walled carbon nanotubes as the adsorbents for the solid-phase extraction of Chlorpyrifos and Phosalone in water samples using HPLC. <i>Journal of Separation Science</i> , 2010, 33, 1044-1051.	1.3	35
66	Determination of daidzein and genistein in soybean and its waste by matrix solid-phase dispersion extraction and HPLC. <i>Monatshefte für Chemie</i> , 2009, 140, 1143-1148.	0.9	9
67	Determination of Flavonoid Markers in Honey with SPE and LC using Experimental Design. <i>Chromatographia</i> , 2009, 69, 1291-1297.	0.7	25
68	Response surface methodology and support vector machine for the optimization of separation in linear gradient elution. <i>Journal of Separation Science</i> , 2008, 31, 3864-3870.	1.3	16
69	Application of Multilinear Gradient Elution for Optimization of Separation of Chlorophenols Using Derringer's Desirability Function. <i>Chromatographia</i> , 2008, 67, 169-172.	0.7	6
70	Optimization of the separation of coumarins in mixed micellar liquid chromatography using Derringer's desirability function. <i>Journal of Chemometrics</i> , 2007, 21, 35-42.	0.7	13
71	Optimization of the separation of chlorophenols with stepwise gradient elution in reversed phase liquid chromatography. <i>Journal of Separation Science</i> , 2007, 30, 2687-2692.	1.3	6
72	Multi-criteria decision making in micellar liquid chromatographic separation of chlorophenols. <i>Journal of Separation Science</i> , 2004, 27, 997-1004.	1.3	18