Mir Ali Farajzadeh

List of Publications by Year
in descending order

302 papers	7,832 citations	46918 47 h-index	88477 70 g-index
304 all docs	304 docs citations	304 times ranked	3980 citing authors

#	Article	IF	Citations
1	Air-assisted liquidâ€“liquid microextraction method as a novel microextraction technique; Application in extraction and preconcentration of phthalate esters in aqueous sample followed by gas chromatographyâ€“flame ionization detection. Analytica Chimica Acta, 2012, 728, 31-38.	2.6	262
2	Dispersive liquidâ€“liquid microextraction followed by high-performance liquid chromatography-diode array detection as an efficient and sensitive technique for determination of antioxidants. Analytica Chimica Acta, 2007, 591, 69-79.	2.6	227
3	Dispersive liquidâ€“liquid microextraction using extraction solvent lighter than water. Journal of Separation Science, 2009, 32, 3191-3200.	1.3	185
4	Use of a capillary tube for collecting an extraction solvent lighter than water after dispersive liquidâ€“liquid microextraction and its application in the determination of parabens in different samples by gas chromatographyâ€”Flame ionization detection. Talanta, 2010, 81, 1360-1367.	2.9	143
5	Optimization of dispersive liquidâ€“liquid microextraction of copper (II) by atomic absorption spectrometry as its oxinate chelate: Application to determination of copper in different water samples. Talanta, 2008, 75, 832-840.	2.9	134
6	Optimization and application of homogeneous liquidâ€“liquid extraction in preconcentration of copper (II) in a ternary solvent system. Journal of Hazardous Materials, 2009, 161, 1535-1543.	6.5	111
7	Evaluation of a new method for chemical coating of aluminum wire with molecularly imprinted polymer layer. Application for the fabrication of triazines selective solid-phase microextraction fiber. Analytica Chimica Acta, 2010, 674, 40-48.	2.6	111
8	Deep eutectic solvent-based dispersive liquidâ€“liquid microextraction. Analytical Methods, 2016, 8, 2576-2583.	1.3	111
9	Coupling stir bar sorptive extractionâ€dispersive liquidâ€“liquid microextraction for preconcentration of triazole pesticides from aqueous samples followed by GCâ€FID and GCâ€MS determinations. Journal of Separation Science, 2010, 33, 1816-1828.	1.3	100
10	Molecularly imprinted-solid phase extraction combined with simultaneous derivatization and dispersive liquidâ€“liquid microextraction for selective extraction and preconcentration of methamphetamine and ecstasy from urine samples followed by gas chromatography. Journal of Chromatography A, 2012, 1248, 24-31.	1.8	100
11	Development of dispersive solid-liquid extraction method based on organic polymers followed by deep eutectic solvents elution; application in extraction of some pesticides from milk samples prior to their determination by HPLC-MS/MS. Analytica Chimica Acta, 2022, 1199, 339570.	2.6	100
12	Development of a new microextraction method based on elevated temperature dispersive liquidâ€“liquid microextraction for determination of triazole pesticides residues in honey by gas chromatography-nitrogen phosphorus detection. Journal of Chromatography A, 2014, 1347, 8-16.	1.8	90
13	Air-assisted liquidâ€“liquid microextraction-gas chromatography-flame ionisation detection: A fast and simple method for the assessment of triazole pesticides residues in surface water, cucumber, tomato and grape juices samples. Food Chemistry, 2013, 141, 1881-1887.	4.2	89
14	Application of elevated temperature-dispersive liquid-liquid microextraction for determination of organophosphorus pesticides residues in aqueous samples followed by gas chromatography-flame ionization detection. Food Chemistry, 2016, 212, 198-204.	4.2	86
15	Development of a dispersive liquid-liquid microextraction method based on a ternary deep eutectic solvent as chelating agent and extraction solvent for preconcentration of heavy metals from milk samples. Talanta, 2020, 208, 120485.	2.9	86
16	Liquid phase microextraction of pesticides: a review on current methods. Mikrochimica Acta, 2014, 181, 829-851.	2.5	85
17	Development of a new temperature-controlled liquid phase microextraction using deep eutectic solvent for extraction and preconcentration of diazinon, metalaxyl, bromopropylate, oxadiazon, and fenazaquin pesticides from fruit juice and vegetable samples followed by gas chromatography-flame ionization detection. Journal of Food Composition and Analysis, 2018, 66, 90-97.	1.9	85
18	In matrix formation of deep eutectic solvent used in liquid phase extraction coupled with solidification of organic droplets dispersive liquid-liquid microextraction; application in determination of some pesticides in milk samples. Talanta, 2020, 206, 120169.	2.9	85

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19	Derivatization and microextraction methods for determination of organic compounds by gas chromatography. TrAC - Trends in Analytical Chemistry, 2014, 55, 14-23.	5.8	84
20	Airâ€“assisted liquidâ€“liquid microextraction; principles and applications with analytical instruments. TrAC - Trends in Analytical Chemistry, 2020, 122, 115734.	5.8	83
21	Development of a new dispersive liquidâ€“liquid microextraction method in a narrow-bore tube for preconcentration of triazole pesticides from aqueous samples. Analytica Chimica Acta, 2012, 713, 70-78.	2.6	78
22	Determination of pyrethroid pesticides residues in vegetable oils using liquidâ€“liquid extraction and dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“flame ionization detection. Journal of Food Composition and Analysis, 2014, 34, 128-135.	1.9	77
23	Dispersive liquid-liquid microextraction for the analysis of three organophosphorus pesticides in real samples by high performance liquid chromatography-ultraviolet detection and its optimization by experimental design. Mikrochimica Acta, 2011, 172, 465-470.	2.5	75
24	Combination of dispersive solid phase extraction and deep eutectic solventâ€“based airâ€“assisted liquidâ€“liquid microextraction followed by gas chromatographyâ€“mass spectrometry as an efficient analytical method for the quantification of some tricyclic antidepressant drugs in biological fluids. Journal of Chromatography A, 2018, 1571, 84-93.	1.8	72
25	Simultaneous derivatization and airâ€“assisted liquidâ€“liquid microextraction based on solidification of lighter than water deep eutectic solvent followed by gas chromatographyâ€“mass spectrometry: An efficient and rapid method for trace analysis of aromatic amines in aqueous samples. Analytica Chimica Acta, 2018, 1032, 48-55.	2.6	70
26	Headspace mode of liquid phase microextraction: A review. TrAC - Trends in Analytical Chemistry, 2019, 110, 8-14.	5.8	70
27	Determination of phthalate esters in cow milk samples using dispersive liquidâ€liquid microextraction coupled with gas chromatography followed by flame ionization and mass spectrometric detection. Journal of Separation Science, 2012, 35, 742-749.	1.3	67
28	Combination of a modified quick, easy, cheap, efficient, rugged, and safe extraction method with a deep eutectic solvent based microwaveâ€assisted dispersive liquidâ€“liquid microextraction: Application in extraction and preconcentration of multiclass pesticide residues in tomato samples. Journal of Separation Science, 2019, 42, 1273-1280.	1.3	67
29	Comparison of air-agitated liquidâ€“liquid microextraction technique and conventional dispersive liquidâ€“liquid micro-extraction for determination of triazole pesticides in aqueous samples by gas chromatography with flame ionization detection. Journal of Chromatography A, 2013, 1300, 70-78.	1.8	66
30	Development of a stir bar sorptive extraction method coupled to solidification of floating droplets dispersive liquidâ€“liquid microextraction based on deep eutectic solvents for the extraction of acidic pesticides from tomato samples. Journal of Separation Science, 2020, 43, 1119-1127.	1.3	66
31	Simultaneous synthesis of a deep eutectic solvent and its application in liquidâ€“liquid microextraction of polycyclic aromatic hydrocarbons from aqueous samples. RSC Advances, 2016, 6, 47990-47996.	1.7	65
32	Combination of dispersive solid phase extraction with solidification organic dropâ€“dispersive liquidâ€“liquid microextraction based on deep eutectic solvent for extraction of organophosphorous pesticides from edible oil samples. Journal of Chromatography A, 2020, 1627, 461390.	1.8	64
33	Determination of five antiarrhythmic drugs in human plasma by dispersive liquidâ€“liquid microextraction and high-performance liquid chromatography. Talanta, 2015, 134, 681-689.	2.9	62
34	Dispersive liquidâ€“liquid microextraction based on solidification of deep eutectic solvent droplets for analysis of pesticides in farmer urine and plasma by gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 114-121.	1.2	62
35	Deep eutectic solvent based gas-assisted dispersive liquid-phase microextraction combined with gas chromatography and flame ionization detection for the determination of some pesticide residues in fruit and vegetable samples. Journal of Separation Science, 2017, 40, 2253-2260.	1.3	59
36	Development of salt and pHâ€“induced solidified floating organic droplets homogeneous liquidâ€“liquid microextraction for extraction of ten pyrethroid insecticides in fresh fruits and fruit juices followed by gas chromatography-mass spectrometry. Talanta, 2018, 176, 565-572.	2.9	59

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37	Deep eutectic solvent based homogeneous liquidâ€“liquid extraction coupled with inâ€syringe dispersive liquidâ€“liquid microextraction performed in narrow tube; application in extraction and preconcentration of some herbicides from tea. Journal of Separation Science, 2019, 42, 1768-1776.	1.3	59
38	Development of organic solventsâ€free mode of solidification of floating organic dropletâ€“based dispersive liquidâ€“liquid microextraction for the extraction of polycyclic aromatic hydrocarbons from honey samples before their determination by gas chromatographyâ€“mass spectrometry. Journal of Separation Science, 2020, 43, 2393-2400.	1.3	58
39	Hollow fiberâ€“liquid phase microextraction method based on a new deep eutectic solvent for extraction and derivatization of some phenolic compounds in beverage samples packed in plastics. Talanta, 2020, 216, 120986.	2.9	58
40	Extraction and preconcentration technique for triazole pesticides from cow milk using dispersive liquidâ€“liquid microextraction followed by GCâ€FID and GCâ€MS determinations. Journal of Separation Science, 2011, 34, 1309-1316.	1.3	57
41	Ringer tablet-based ionic liquid phase microextraction: Application in extraction and preconcentration of neonicotinoid insecticides from fruit juice and vegetable samples. Talanta, 2016, 160, 211-216.	2.9	55
42	Preparation of ferrofluid from toner powder and deep eutectic solvent used in air-assisted liquid-liquid microextraction: Application in analysis of sixteen polycyclic aromatic hydrocarbons in urine and saliva samples of tobacco smokers. Microchemical Journal, 2020, 154, 104631.	2.3	54
43	Organic solvent-free elevated temperature liquidâ€“liquid extraction combined with a new switchable deep eutectic solvent-based dispersive liquidâ€“liquid microextraction of three phenolic antioxidants from oil samples. Microchemical Journal, 2021, 168, 106433.	2.3	54
44	Development of magnetic dispersive solid phase extraction using toner powder as an efficient and economic sorbent in combination with dispersive liquidâ€“liquid microextraction for extraction of some widely used pesticides in fruit juices. Journal of Chromatography A, 2018, 1532, 10-19.	1.8	53
45	A new and facile method for preparation of amorphous carbon nanoparticles and their application as an efficient and cheap sorbent for the extraction of some pesticides from fruit juices. Microchemical Journal, 2020, 155, 104795.	2.3	53
46	Solubilities of two steroid drugs and their mixtures in supercritical carbon dioxide. Journal of Supercritical Fluids, 2004, 30, 111-117.	1.6	52
47	Development of a new extraction method based on counter current salting-out homogenous liquidâ€“liquid extraction followed by dispersive liquidâ€“liquid microextraction: Application for the extraction and preconcentration of widely used pesticides from fruit juices. Talanta, 2016, 146, 772-779.	2.9	52
48	Electrolytically produced copper(I) chloride on the copper wire as an excellent sorbent for some amines. Talanta, 2005, 65, 700-704.	2.9	51
49	Development of counter current salting-out homogenous liquidâ€“liquid extraction for isolation and preconcentration of some pesticides from aqueous samples. Analytica Chimica Acta, 2015, 885, 122-131.	2.6	51
50	Combination of homogenous liquidâ€“liquid extraction and dispersive liquidâ€“liquid microextraction for extraction and preconcentration of amantadine from biological samples followed by its indirect determination by flame atomic absorption spectrometry. RSC Advances, 2016, 6, 108603-108610.	1.7	50
51	In-situ formation/decomposition of deep eutectic solvent during solidification of floating organic droplet-liquid-liquid microextraction method for the extraction of some antibiotics from honey prior to high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2021, 1660, 462653.	1.8	50
52	Determination of methamphetamine, amphetamine and ecstasy by inside-needle adsorption trap based on molecularly imprinted polymer followed by GC-FID determination. Mikrochimica Acta, 2012, 179, 209-217.	2.5	49
53	Cyclohexylamine as extraction solvent and chelating agent in extraction and preconcentration of some heavy metals in aqueous samples based on heat-induced homogeneous liquid-liquid extraction. Talanta, 2017, 175, 359-365.	2.9	47
54	Development of Salt-Induced Homogenous Liquidâ€“Liquid Microextraction Based on iso-Propanol/Sodium Sulfate System for Extraction of Some Pesticides in Fruit Juices. Food Analytical Methods, 2018, 11, 2497-2507.	1.3	47

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55	Dispersive solid phase extraction combined with solidification of floating organic dropâ€“liquidâ€“liquid microextraction using in situ formation of deep eutectic solvent for extraction of phytosterols from edible oil samples. Journal of Chromatography A, 2020, 1630, 461523.	1.8	47
56	Determination of widely used non-steroidal anti-inflammatory drugs in biological fluids using simultaneous derivatization and air-assisted liquidâ€“liquid microextraction followed by gas chromatographyâ€“flame ionization detection. Journal of the Iranian Chemical Society, 2016, 13, 289-298.	1.2	46
57	Combination of solidâ€phase extractionâ€hollow fiber for ultraâ€preconcentration of some triazole pesticides followed by gas chromatographyâ€flame ionization detection. Journal of Separation Science, 2012, 35, 121-127.	1.3	45
58	Extraction and Enrichment of Triazole and Triazine Pesticides from Honey Using Airâ€Assisted Liquidâ€“Liquid Microextraction. Journal of Food Science, 2014, 79, H2140-8.	1.5	44
59	Determination of Some Synthetic Phenolic Antioxidants and Bisphenol A in Honey Using Dispersive Liquidâ€“Liquid Microextraction Followed by Gas Chromatography-Flame Ionization Detection. Food Analytical Methods, 2015, 8, 2035-2043.	1.3	44
60	Determination of triazole pesticide residues in edible oils using airâ€assisted liquidâ€“liquid microextraction followed by gas chromatography with flame ionization detection. Journal of Separation Science, 2015, 38, 1002-1009.	1.3	44
61	Microextraction methods for the determination of phthalate esters in liquid samples: A review. Journal of Separation Science, 2015, 38, 2470-2487.	1.3	44
62	Development of a dispersive liquidâ€“liquid microextraction method based on solidification of a floating ionic liquid for extraction of carbamate pesticides from fruit juice and vegetable samples. RSC Advances, 2016, 6, 112939-112948.	1.7	44
63	Development of continuous dispersive liquidâ€“liquid microextraction performed in home-made device for extraction and preconcentration of aryloxyphenoxy-propionate herbicides from aqueous samples followed by gas chromatographyâ€“flame ionization detection. Analytica Chimica Acta, 2016, 920, 1-9.	2.6	43
64	Simultaneous derivatization and air-assisted liquidâ€“liquid microextraction of some aliphatic amines in different aqueous samples followed by gas chromatography-flame ionization detection. Analytica Chimica Acta, 2013, 775, 50-57.	2.6	40
65	Synthesis of a green high density deep eutectic solvent and its application in microextraction of seven widely used pesticides from honey. Journal of Chromatography A, 2019, 1603, 51-60.	1.8	39
66	Synthesis and Application of High Selective Monolithic Fibers Based on Molecularly Imprinted Polymer for SPME of Trace Methamphetamine. Chromatographia, 2011, 73, 975-983.	0.7	38
67	Inside-Needle Extraction Method Based on Molecularly Imprinted Polymer for Solid-Phase Dynamic Extraction and Preconcentration of Triazine Herbicides Followed by GCâ€“FID Determination. Chromatographia, 2012, 75, 139-148.	0.7	38
68	Simultaneous derivatization and air-assisted liquid-liquid microextraction of some parabens in personal care products and their determination by GC with flame ionization detection. Journal of Separation Science, 2013, 36, 3571-3578.	1.3	37
69	Saltingâ€out homogeneous liquidâ€“liquid extraction in narrowâ€bore tube: Extraction and preconcentration of phthalate esters from water. Journal of Separation Science, 2013, 36, 939-946.	1.3	36
70	Combination of dispersive solid phase extraction and dispersive liquidâ€“liquid microextraction for extraction of some aryloxy pesticides prior to their determination by gas chromatography. Microchemical Journal, 2017, 131, 182-191.	2.3	36
71	Combination of Modified QuEChERS Extraction Method and Dispersive Liquidâ€“Liquid Microextraction as an Efficient Sample Preparation Approach for Extraction and Preconcentration of Pesticides from Fruit and Vegetable Samples. Food Analytical Methods, 2019, 12, 534-543.	1.3	36
72	Combination of QuEChERS extraction with magnetic solid phase extraction followed by dispersive liquidâ€“liquid microextraction as an efficient procedure for the extraction of pesticides from vegetable, fruit, and nectar samples having high content of solids. Microchemical Journal, 2019, 147, 571-581.	2.3	35

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73	A New PVC-Activated Charcoal Fiber Coated on Silver Wire; Application in Determination of n-Alkanes in the Headspace of Soil Samples by SPME-GC.. Analytical Sciences, 2002, 18, 77-81.	0.8	34
74	Determination of amantadine in biological fluids using simultaneous derivatization and dispersive liquidâ€"liquid microextraction followed by gas chromatography-flame ionization detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 940, 142-149.	1.2	34
75	Combination of poly (Îµâ€"caprolactone) grafted graphene quantum dotsâ€"based dispersive solid phase extraction followed by dispersive liquidâ€"liquid microextraction for extraction of some pesticides from fruit juices prior to their quantification by gas chromatography. Microchemical Journal, 2020, 153, 104328.	2.3	34
76	Simultaneous Cloud-Point Extraction of Nine Cations from Water Samples and Their Determination by Flame Atomic Absorption Spectrometry. Analytical Sciences, 2006, 22, 635-639.	0.8	33
77	Low temperature-induced homogeneous liquidâ€"liquid extraction and ternary deep eutectic solvent-based dispersive liquidâ€"liquid microextraction followed by gas chromatography in the assessment of multiclass pesticide residues in cucumbers. New Journal of Chemistry, 2019, 43, 12453-12461.	1.4	33
78	Magnetic graphene oxideâ€"based solid-phase extraction combined with dispersive liquidâ€"liquid microextraction for the simultaneous preconcentration of four typical pesticide residues in fruit juice and pulp. Food Analytical Methods, 2019, 12, 2742-2752.	1.3	33
79	Simultaneous derivatization and dispersive liquidâ€"liquid microextraction of anilines in different samples followed by gas chromatographyâ€"flame ionization detection. Talanta, 2012, 99, 1004-1010.	2.9	32
80	Development of a gasâ€"controlled deep eutectic solventâ€"based evaporationâ€"assisted dispersive liquidâ€"liquid microextraction approach for the extraction of pyrethroid pesticides from fruit juices. Microchemical Journal, 2022, 175, 107196.	2.3	32
81	A new selective SPME fiber for somen-alkanes and its use for headspace sampling of aqueous samples. Journal of Separation Science, 2003, 26, 802-808.	1.3	31
82	Development of microwave-assisted liquid-liquid extraction combined with lighter than water in syringe dispersive liquid-liquid microextraction using deep eutectic solvents: Application in extraction of some herbicides from wheat. Microchemical Journal, 2019, 147, 1103-1108.	2.3	31
83	Liquid chromatographic determination of benomyl in water samples after dispersive liquidâ€"liquid microextraction. Journal of Separation Science, 2009, 32, 2442-2447.	1.3	30
84	Optimization of Dispersive Liquidâ€"Liquid Microextraction of Irganox 1010 and Irgafos 168 from Polyolefins Before Liquid Chromatographic Analysis. Chromatographia, 2009, 69, 409-419.	0.7	30
85	Development of a new microextraction method based on a dynamic single drop in a narrow-bore tube: Application in extraction and preconcentration of some organic pollutants in well water and grape juice samples. Talanta, 2011, 85, 1135-1142.	2.9	30
86	Simultaneous derivatization and solid-based disperser liquidâ€"liquid microextraction for extraction and preconcentration of some antidepressants and an antiarrhythmic agent in urine and plasma samples followed by GC-FID. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 983-984, 55-61.	1.2	30
87	Experimental and density functional theory studies during a new solid phase extraction of phenolic compounds from wastewater samples prior to GCâ€"MS determination. Microchemical Journal, 2022, 177, 107291.	2.3	30
88	Experimental and density functional theoretical modeling of triazole pesticides extraction by Ti2C nanosheets as a sorbent in dispersive solid phase extraction method before HPLC-MS/MS analysis. Microchemical Journal, 2022, 178, 107331.	2.3	30
89	Optimization of dispersive liquidâ€"liquid microextraction of Co(II) and Fe(III) as their oxinate chelates and analysis by HPLC: Application for the simultaneous determination of Co(II) and Fe(III) in water samples. Journal of Separation Science, 2009, 32, 4200-4212.	1.3	29
90	An efficient, rapid and microwave-accelerated dispersive liquidâ€"liquid microextraction method for extraction and pre-concentration of some organophosphorus pesticide residues from aqueous samples. Journal of Food Composition and Analysis, 2016, 48, 73-80.	1.9	29

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91	Simultaneous determination of atorvastatin and valsartan in human plasma by solid-based disperser liquidâ€“liquid microextraction followed by high-performance liquid chromatographyâ€“diode array detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1017-1018, 62-69.	1.2	28
92	A lighter-than-water deep eutectic-solvent-based dispersive liquid-phase microextraction method in a U-shaped homemade device. New Journal of Chemistry, 2018, 42, 10100-10110.	1.4	28
93	Synthesis and ion-exchange properties of crystalline titanium and zirconium phosphates. Journal of Radioanalytical and Nuclear Chemistry, 2004, 261, 393-400.	0.7	27
94	Central Composite Design Applied to Optimization of Dispersive Liquidâ€“Liquid Microextraction of Cu(II) and Zn(II) in Water Followed by High Performance Liquid Chromatography Determination. Clean - Soil, Air, Water, 2010, 38, 466-477.	0.7	27
95	Preparation of a new threeâ€component deep eutectic solvent and its use as an extraction solvent in dispersive liquidâ€“liquid microextraction of pesticides in green tea and herbal distillates. Journal of the Science of Food and Agriculture, 2020, 100, 1904-1912.	1.7	27
96	Ferrofluid-based dispersive liquidâ€“liquid microextraction using a deep eutectic solvent as a support: applications in the analysis of polycyclic aromatic hydrocarbons in grilled meats. Analytical Methods, 2020, 12, 1522-1531.	1.3	27
97	Determination of tricyclic antidepressants in human urine samples by the three-step sample pretreatment followed by HPLC-UV analysis: an efficient analytical method for further pharmacokinetic and forensic studies. EXCLI Journal, 2018, 17, 952-963.	0.5	27
98	Alumina-based Fiber for Solid Phase Microextraction of Alcohols from Gaseous Samples. Analytical Sciences, 2004, 20, 1359-1362.	0.8	26
99	Monitoring of nine pesticides in different cereal flour samples with high performance liquid chromatography-diode array detection. Analytical Methods, 2019, 11, 4022-4033.	1.3	26
100	Development of a dispersive solid phase extraction method based on in situ formation of adsorbent followed by dispersive liquidâ€“liquid microextraction for extraction of some pesticide residues in fruit juice samples. Journal of Chromatography A, 2020, 1627, 461398.	1.8	25
101	Combination of Extraction by Silylated Vessel-Dispersive Liquidâ€“Liquid Microextraction as a High-Enrichment Factor Technique: Optimization and Application in Preconcentration of Some Triazole Pesticides from Aqueous Samples Followed by GC-FID Determination. Chromatographia, 2011, 73, 393-401.	0.7	24
102	Development of dispersive liquid-liquid microextraction based on deep eutectic solvent using as complexing agent and extraction solvent: application for extraction of heavy metals. Separation Science and Technology, 2020, 55, 2955-2966.	1.3	24
103	Development of a deep eutectic solvent-based ultrasound-assisted homogenous liquid-liquid microextraction method for simultaneous extraction of daclatasvir and sofosbuvir from urine samples. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114254.	1.4	24
104	Title is missing!. Journal of Analytical Chemistry, 2003, 58, 927-932.	0.4	23
105	Determination of BTEX in Water Samples with an SPME Hollow Fiber Coated Copper Wire. Chromatographia, 2008, 68, 443-446.	0.7	23
106	Vortex-assisted liquidâ€“liquid extraction combined with field-amplified sample injection and sweeping micellar electrokinetic chromatography for improved determination of Î²-blockers in human urine. Talanta, 2016, 149, 298-309.	2.9	23
107	Development of a new sample preparation method based on liquidâ€“liquidâ€“liquid extraction combined with dispersive liquidâ€“liquid microextraction and its application on unfiltered samples containing high content of solids. Talanta, 2017, 174, 111-121.	2.9	23
108	Application of deep eutectic solvent as a disperser in reversed-phase dispersive liquid-liquid microextraction for the extraction of Cd(II) and Zn(II) ions from oil samples. Journal of Food Composition and Analysis, 2020, 93, 103590.	1.9	23

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109	Simultaneous application of deep eutectic solvent as extraction solvent and ion-pair agent in liquid phase microextraction for the extraction of biogenic amines from tuna fish samples. Microchemical Journal, 2020, 159, 105496.	2.3	22
110	A threeâ€phase solvent extraction system combined with deep eutectic solventâ€based dispersive liquidâ€“liquid microextraction for extraction of some organochlorine pesticides in cocoa samples prior to gas chromatography with electron capture detection. Journal of Separation Science, 2020, 43, 3674-3682.	1.3	22
111	Dispersive liquidâ€“liquid microextraction combined with gas chromatography for extraction and determination of class 1 residual solvents in pharmaceuticals. Journal of Separation Science, 2012, 35, 1027-1035.	1.3	21
112	Solid-based disperser liquid-liquid microextraction for the preconcentration of phthalate esters and di-(2-ethylhexyl) adipate followed by gas chromatography with flame ionization detection or mass spectrometry. Journal of Separation Science, 2014, 37, 1177-1184.	1.3	21
113	Synthesis and characterization of phosphocholine chlorideâ€based threeâ€component deep eutectic solvent: application in dispersive liquidâ€“liquid microextraction for determination of organothiophosphate pesticides. Journal of the Science of Food and Agriculture, 2020, 100, 2364-2371.	1.7	21
114	Headspace Solid-Phase Microextraction-Gas Chromatography Method for the Determination of Valproic Acid in Human Serum, and Formulations Using Hollow-Fiber Coated Wire. Analytical Sciences, 2009, 25, 875-879.	0.8	20
115	Development of dispersive liquidâ€“liquid microextraction technique using ternary solvents mixture followed by heating for the rapid and sensitive analysis of phthalate esters and di(2-ethylhexyl) adipate. Journal of Chromatography A, 2015, 1379, 24-33.	1.8	20
116	Determination of three antidepressants in urine using simultaneous derivatization and temperatureâ€assisted dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“flame ionization detection. Biomedical Chromatography, 2015, 29, 1094-1102.	0.8	20
117	Development of a simple and efficient pretreatment technique named pH-dependent continuous homogenous liquidâ€“liquid extraction. Analytical Methods, 2016, 8, 5676-5683.	1.3	20
118	Lowâ€densityâ€solventâ€based airâ€assisted liquidâ€“liquid microextraction followed by gas chromatography with flame ionization detection for the determination of synthetic phenolic antioxidants in milk samples. Journal of Separation Science, 2016, 39, 1160-1167.	1.3	20
119	In-situ formation of a hydrophobic deep eutectic solvent based on alpha terpineol and its application in liquid-liquid microextraction of three Î²-blockers from plasma samples. Microchemical Journal, 2021, 170, 106687.	2.3	20
120	HPLC and GC Methods for Determination of Lubricants and Their Evaluation in Analysis of Real Samples of Polyethylene. Mikrochimica Acta, 2006, 153, 73-78.	2.5	19
121	Development of deep eutectic solvent based solidification of organic droplets-liquid phase microextraction; application to determination of some pesticides in farmers saliva and exhaled breath condensate samples. Analytical Methods, 2019, 11, 1530-1540.	1.3	19
122	Chemical synthesisâ€“free and facile preparation of magnetized polyethylene composite and its application as an efficient magnetic sorbent for some pesticides. Journal of Chromatography A, 2020, 1625, 461340.	1.8	19
123	Development of a liquid-nitrogen-induced homogeneous liquidâ€“liquid microextraction of Co(II) and Ni(II) from water and fruit juice samples followed by atomic absorption spectrometry detection. Analytical and Bioanalytical Chemistry, 2020, 412, 1675-1684.	1.9	19
124	Air-assisted liquid-liquid microextraction of total 3-monochloropropane-1,2-diol from refined edible oils based on a natural deep eutectic solvent and its determination by gas chromatography-mass spectrometry. Journal of Chromatography A, 2021, 1656, 462559.	1.8	19
125	Application of magnetic carbon nano-onions in dispersive solid-phase extraction combined with DLLME for extraction of pesticide residues from water and vegetable samples. Analytical Methods, 2021, 13, 3592-3604.	1.3	19
126	Detection limit enhancement of antiarrhythmic drugs in human plasma using capillary electrophoresis with dispersive liquidâ€“liquid microextraction and field-amplified sample stacking method. Bioanalysis, 2015, 7, 21-37.	0.6	18

#	Article	IF	Citations
127	In situ-produced CO2-assisted dispersive liquidâ€“liquid microextraction for extraction and preconcentration of cobalt, nickel, and copper ions from aqueous samples followed by graphite furnace atomic absorption spectrometry determination. Journal of the Iranian Chemical Society, 2018, 15, 201-209.	1.2	18
128	Development of an air-assisted liquid-liquid microextraction method based on a ternary solidified deep eutectic solvent in extraction and preconcentration of Cd(II) and Zn(II) ions. International Journal of Environmental Analytical Chemistry, 2021, 101, 1567-1580.	1.8	18
129	Derivatization and deep eutectic solvent-based airâ€“assisted liquidâ€“liquid microextraction of salbutamol in exhaled breath condensate samples followed by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113572.	1.4	18
130	Molecularly imprinted polymer based-solid phase extraction combined with dispersive liquidâ€“liquid microextraction using new deep eutectic solvent; selective extraction of valproic acid from exhaled breath condensate samples. Microchemical Journal, 2021, 161, 105772.	2.3	18
131	Headspace SPMEâ€“GC Method for Acetone Analysis and its Biomedical Application. Chromatographia, 2007, 66, 383-387.	0.7	17
132	Study of menthol as a green extractant in dispersive liquidâ€“liquid microextraction; application in extraction of phthalate esters from pharmaceutical products. Analytical Methods, 2013, 5, 1975.	1.3	17
133	Acidâ€“base reaction-based dispersive liquidâ€“liquid microextraction method for extraction of three classes of pesticides from fruit juice samples. Journal of Chromatography A, 2016, 1431, 8-16.	1.8	17
134	Magnetic solid phase extraction using Fe₃O₄@SiO₂@C₈ nanoparticles performed in a narrow-bore tube followed by dispersive liquidâ€“liquid microextraction for extraction and preconcentration of nine pesticides. New Journal of Chemistry, 2018, 42, 6215-6224.	1.4	17
135	Determination of morphine and oxymorphone in exhaled breath condensate samples: Application of microwave enhanced threeâ€“component deep eutectic solvent-based airâ€“assisted liquidâ€“liquid microextraction and derivatization prior to gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1152, 122256.	1.2	17
136	Analysis of n-Alkanes at Sub Microgram per Liter Level after Direct Solid Phase Microextraction from Aqueous Samples.. Analytical Sciences, 2002, 18, 1221-1225.	0.8	16
137	Rice Bran as an Excellent Sorbent for Heavy Metals from Aqueous Media, 1. Optimization of Conditions. Journal of the Chinese Chemical Society, 2003, 50, 245-250.	0.8	16
138	Extraction and Preconcentration of Some Triazole Pesticides in Grape Juice by Salting Out Homogeneous Liquidâ€“Liquid Extraction in a Narrow-Bore Tube Prior to Their Determination by Gas Chromatographyâ€“Flame Ionization Detection. Food Analytical Methods, 2014, 7, 1229-1237.	1.3	16
139	Determination of unconjugated non-steroidal anti-inflammatory drugs in biological fluids using air-assisted liquidâ€“liquid microextraction combined with back extraction followed by high performance liquid chromatography. Analytical Methods, 2015, 7, 1372-1379.	1.3	16
140	Phthalic acid as complexing agent and co-disperser for analysis of zinc and cadmium at trace levels from high volumes of sample on the base of an effervescence-assisted dispersive liquid-liquid microextraction. Microchemical Journal, 2019, 147, 886-893.	2.3	16
141	Salt-induced homogenous solid phase extraction of hydroxylated metabolites of polycyclic aromatic hydrocarbons from urine samples using a deep eutectic solvent as an elution solvent prior to HPLC-FLD analysis. Microchemical Journal, 2022, 172, 106932.	2.3	16
142	Development of N and S doped carbon sorbent-based dispersive micro solid phase extraction method combined with dispersive liquid-liquid microextraction for selected mycotoxins from soymilk samples. Microchemical Journal, 2022, 173, 107039.	2.3	16
143	Air-assisted liquidâ€“liquid microextraction for simultaneous derivatization, extraction, and preconcentration of some phenolic compounds. Analytical Methods, 2014, 6, 7733-7743.	1.3	15
144	Development of a green liquidâ€“liquid microextraction method using a solid disperser performed in a narrow-bore tube for trace analysis of some organophosphorus pesticides in fruit juices. Journal of Food Composition and Analysis, 2015, 43, 96-105.	1.9	15

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145	A Rapid and Sensitive Method for the Analysis of Pyrethroid Pesticides Using the Combination of Liquidâ€“Liquid Extraction and Dispersive Liquidâ€“Liquid Microextraction. Clean - Soil, Air, Water, 2015, 43, 51-58.	0.7	15
146	Extraction and preconcentration of residual solvents in pharmaceuticals using dynamic headspaceâ€“liquid phase microextraction and their determination by gas chromatographyâ€“flame ionization detection. Biomedical Chromatography, 2017, 31, e3788.	0.8	15
147	Development of green sodium sulfateâ€induced solidification of floating organic dropletsâ€“dispersive liquid phase microextraction method: Application to extraction of four antidepressants. Biomedical Chromatography, 2019, 33, e4642.	0.8	15
148	Elevated Temperature Homogeneous Liquid Phase Extraction Coupled to Ionic Liquidâ€“Based Dispersive Liquidâ€“Liquid Microextraction Followed by High-Performance Liquid Chromatography: Application of Water-Miscible Ionic Liquids as Extraction Solvent in Determination of Carbamate Pesticides. Food Analytical Methods, 2020, 13, 1282-1291.	1.3	15
149	Application of an MOF-based dispersive micro solid phase extraction method followed by dispersive liquidâ€“liquid microextraction for plasticizersâ€™ detection and determination. New Journal of Chemistry, 2021, 45, 18208-18220.	1.4	15
150	Development of a method based on dispersive liquidâ€“liquid microextraction followed by partial vaporization of the extract for ultraâ€“preconcentration of some pesticide residues in fruit juices. Journal of Chromatography A, 2021, 1653, 462427.	1.8	15
151	An MOF-based dispersive micro solid phase extraction prior to dispersive liquid-liquid microextraction for analyzing plasticizers. Journal of Food Composition and Analysis, 2021, 104, 104174.	1.9	15
152	Synthesis of MOF-70 based on diffusion method; microgram amount application as a highly efficient sorbent in dispersive micro solid phase extraction prior to dispersive liquidâ€“liquid microextraction for the preconcentration and extraction of pesticides from fruit juices. Journal of the Iranian Chemical Society, 2022, 19, 2407-2419.	1.2	15
153	Evaluation of MXene as an adsorbent in dispersive solid phase extraction of several pesticides from fresh fruit juices prior to their determination by HPLC-MS/MS. Food Chemistry, 2022, 386, 132773.	4.2	15
154	High performance liquid chromatography-tandem mass spectrometry determination of patulin and ochratoxin a in commercial fruit juices after their extraction with a green synthesized metal organic framework-based dispersive micro solid phase extraction procedure. Microchemical Journal, 2022, 179, 107558.	2.3	15
155	Development of new extraction method based on liquidâ€“liquidâ€“liquid extraction followed by dispersive liquidâ€“liquid microextraction for extraction of three tricyclic antidepressants in plasma samples. Biomedical Chromatography, 2018, 32, e4251.	0.8	14
156	Inâ€process prepared deep eutectic solvent based homogeneous liquidâ€“liquid microextraction for the determination of irgaphos 168 and irganox 1010 in polypropylene packed drinks. Journal of Separation Science, 2020, 43, 2850-2857.	1.3	14
157	Dispersive solid phase extraction combined with in syringe deep eutectic solvent based dispersive liquid-liquid microextraction for determination of some pesticides and their metabolite in egg samples. Journal of Food Composition and Analysis, 2021, 96, 103696.	1.9	14
158	Development of Heat-Induced Homogeneous Liquidâ€“Liquid Microextraction for Extraction and Preconcentration of Neonicotinoid Insecticides from Fruit Juice and Vegetable Samples. Food Analytical Methods, 2017, 10, 3738-3746.	1.3	14
159	The use of fluorescamine (Fluram) in fluorimetric trace analysis of primary amines of pharmaceutical and biological interest. Journal of Pharmaceutical and Biomedical Analysis, 1992, 10, 1063-1067.	1.4	13
160	Coupling of homogeneous liquidâ€“liquid extraction and dispersive liquidâ€“liquid microextraction for the extraction and preconcentration of polycyclic aromatic hydrocarbons from aqueous samples followed by GC with flame ionization detection. Journal of Separation Science, 2017, 40, 497-505.	1.3	13
161	Extraction and preconcentration of nickel, cadmium, cobalt, and lead cations using dispersive solid phase extraction performed in a narrow-bore tube. Journal of Industrial and Engineering Chemistry, 2018, 59, 377-387.	2.9	13
162	Introduction of a new procedure for the synthesis of polysulfone magnetic nanoparticles and their application in magnetic solid phase extraction for the extraction of some pesticides from fruit and vegetable juices. Microchemical Journal, 2020, 158, 105238.	2.3	13

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163	Cold-induced Homogenous Liquidâ€“Liquid Extraction Performed in a Refrigerated Centrifuge Combined with Deep Eutectic Solvent-based Dispersive Liquidâ€“Liquid Microextraction for the Extraction of Some Endocrine Disrupting Compounds and Hydroxymethylfurfural from Honey Samples. Food Analytical Methods, 2021, 14, 2063-2075.	1.3	13
164	Determination of Calcium Stearate in Polyolefin Samples by Gas Chromatographic Technique after Performing dispersive Liquid-Liquid Microextraction. Analytical Sciences, 2008, 24, 623-626.	0.8	12
165	Salt-assisted LLE combined with field-amplified sample stacking in CE for improved determination of beta blocker drugs in human urine. Bioanalysis, 2014, 6, 319-334.	0.6	12
166	Stir bar sorptive extraction combined with deep eutectic solvent-based dispersive liquidâ€“liquid microextraction: application in simultaneous derivatisation and extraction of acidic pesticides. International Journal of Environmental Analytical Chemistry, 2022, 102, 2673-2685.	1.8	12
167	Development of a green in-situ derivatization and deep eutectic solvent-based dispersive liquidâ€“liquid microextraction method for analysis of short-chain fatty acids in beverage samples optimized by response surface methodology. Microchemical Journal, 2021, 166, 106226.	2.3	12
168	Application of curcumin as a green and new sorbent in deep eutectic solventâ€based dispersive microâ€solid phase extraction of several polycyclic aromatic hydrocarbons from honey samples prior to gas chromatographyâ€“mass spectrometry determination. Journal of Separation Science, 2021, 44, 4037-4047.	1.3	12
169	Dispersive microâ€“solidâ€“phase extraction of aflatoxins from commercial soy milk samples using a green vitaminâ€“based metalâ€“organic framework as an efficient sorbent followed by high performance liquid chromatographyâ€“tandem mass spectrometry determination. Journal of Chromatography A, 2022, 1673, 463099.	1.8	12
170	Citric Acid Determination by Dual Wavelength Spectrophotometry. Journal of the Chinese Chemical Society, 2002, 49, 619-624.	0.8	11
171	Polyol-enhanced dispersive liquid-liquid microextraction coupled with gas chromatography and nitrogen phosphorous detection for the determination of organophosphorus pesticides from aqueous samples, fruit juices, and vegetables. Journal of Separation Science, 2015, 38, 4086-4094.	1.3	11
172	Development of a dispersive solid phase extraction procedure using a natural adsorbent as an efficient and costless sorbent followed by dispersive liquidâ€“liquid microextraction. International Journal of Environmental Analytical Chemistry, 2021, 101, 1499-1512.	1.8	11
173	Preparation of magnetized polycaprolactone composite and its use in stirringâ€“dependent magnetic dispersive solid phase extraction combined with dispersive liquidâ€“liquid microextraction. Microchemical Journal, 2020, 159, 105375.	2.3	11
174	Synthesis of a magnetic sorbent and its application in extraction of different pesticides from water, fruit, and vegetable samples prior to their determination by gas chromatography-tandem mass spectrometry. Journal of Chromatography A, 2021, 1635, 461718.	1.8	11
175	A simple and rapid dispersive liquidâ€“liquid microextraction method followed by GCâ€FID for determination of <i>N</i>â€methylpyrrolidine in cefepime. Journal of Separation Science, 2010, 33, 3767-3773.	1.3	10
176	Determination of neonicotinoid insecticide residues in edible oils by water-induced homogeneous liquidâ€“liquid extraction and dispersive liquidâ€“liquid extraction followed by high performance liquid chromatography-diode array detection. RSC Advances, 2015, 5, 77501-77507.	1.7	10
177	Ionic Liquid-Based Air-Assisted Liquidâ€“Liquid Microextraction for the Extraction and Preconcentration of Aryloxyphenoxypropionate Herbicides from Aqueous and Vegetable Samples Followed by HPLC-DAD. Food Analytical Methods, 2017, 10, 749-758.	1.3	10
178	Development of in-situ synthesis of lighter than water deep eutectic solvents under ultrasonic energy in a narrow tube and application in liquidâ€“phase microextraction. International Journal of Environmental Analytical Chemistry, 2023, 103, 270-283.	1.8	10
179	Application of natural deep eutectic solvents-based in-syringe dispersive liquid-liquid microextraction for the extraction of five acaricides in egg samples. International Journal of Environmental Analytical Chemistry, 2022, 102, 3806-3821.	1.8	10
180	Simultaneous elimination of diethyl phthalate, butylated hydroxy toluene and butylated hydroxy anisole from aqueous medium by an adsorption process on pretreated waste material; investigation of isotherms and neural network modeling. Journal of the Iranian Chemical Society, 2020, 17, 1377-1386.	1.2	10

#	Article	IF	Citations
181	Combination of temperatureâ€assisted ternary phase homogenous liquidâ€"liquid extraction with deep eutectic solventâ€"based dispersive liquidâ€"liquid microextraction for the extraction of phytosterols from cow milk and cream samples. Journal of Separation Science, 2021, 44, 1482-1489.	1.3	10
182	Combination of solvent extraction with deep eutectic solvent based dispersive liquidâ€"liquid microextraction for the analysis of aflatoxin M₁ in cheese samples using response surface methodology optimization. Journal of Separation Science, 2021, 44, 1501-1509.	1.3	10
183	Development of a surfactantâ€assisted dispersive solid phase extraction using deep eutectic solvent to extract four tetracycline antibiotics residues in milk samples. Journal of Separation Science, 2021, 44, 2121-2130.	1.3	10
184	Riboflavin as a green sorbent in dispersive microâ€solidâ€phase extraction of several pesticides from fruit juices combined with dispersive liquidâ€"liquid microextraction. Journal of Separation Science, 2022, 45, 1550-1559.	1.3	10
185	Sonochemical synthesis of deep eutectic solvent-coated magnetic nanoparticles and their application in magnetic dispersive micro solid phase extractionâ€"dispersive liquidâ€"liquid microextraction of polycyclic aromatic hydrocarbons from mascara. Microchemical Journal, 2022, 181, 107665.	2.3	10
186	Rice Bran as an Excellent Sorbent for Heavy Metals from Aqueous Media, 2. Determination of Related Parameters. Journal of the Chinese Chemical Society, 2003, 50, 251-256.	0.8	9
187	Development and validation of a rapid and sensitive gas chromatographic method for the analysis of some phenolic compounds in vegetable oils. Analytical Methods, 2014, 6, 5314.	1.3	9
188	Gas chromatographic determination of some phenolic compounds in fuels and engine oil after simultaneous derivatization and microextraction. Journal of Separation Science, 2014, 37, 2966-2973.	1.3	9
189	Development of a dispersive liquidâ€"liquid microextraction method with a new sequence of steps and its comparison with a conventional method. Journal of Separation Science, 2016, 39, 3178-3185.	1.3	9
190	The modulating effects of vitamin D on the activity of Î²-catenin in the endometrium of women with endometriosis: a randomized exploratory trial. Gynecological Endocrinology, 2021, 37, 278-282.	0.7	9
191	Partially carbonized cellulose filter paper as a green adsorbent for the extraction of pesticides from fruit juices. Journal of Chromatography A, 2021, 1648, 462220.	1.8	9
192	A polymerâ€based dispersive solid phase extraction combined with deep eutectic solvent basedâ€dispersive liquidâ€"liquid microextraction for the determination of four hydroxylated polycyclic aromatic hydrocarbons from urine samples. Journal of Separation Science, 2021, 44, 4025-4036.	1.3	9
193	Spectrophotometric determination of Irgafos 168 in polymers after different sample preparation procedures. Mikrochimica Acta, 2007, 159, 263-268.	2.5	8
194	Surfactant-less water emulsion based dispersive liquidâ€"liquid microextraction for determination of organophosphorus pesticides in aqueous samples. Analytical Methods, 2015, 7, 7899-7906.	1.3	8
195	Simultaneous derivatization and lighterâ€thanâ€water airâ€assisted liquidâ€"liquid microextraction using a homemade device for the extraction and preconcentration of some parabens in different samples. Journal of Separation Science, 2018, 41, 3105-3112.	1.3	8
196	A green solventless temperature-assisted homogeneous liquidâ€"liquid microextraction method based on 8-hydroxyquinoline simultaneously as complexing agent and extractant for preconcentration of cobalt and nickel from water and fruit juice samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 124-138.	1.8	8
197	Development of a stirringâ€"assisted ferrofluidâ€"based liquid phase microextraction method coupled with dispersive liquidâ€"liquid microextraction for the extraction of some widely used pesticides from herbal distillates. International Journal of Environmental Analytical Chemistry, 2022, 102, 7419-7432.	1.8	8
198	Facile preparation of carbonized cellulose nanoparticles and their application for the dispersive solid phase extraction prior to dispersive liquidâ€"liquid microextraction of pesticide residues from vegetable and fruit juices. Journal of Food Composition and Analysis, 2022, 110, 104527.	1.9	8

#	Article	IF	Citations
199	Saponification then GC for Determination of Irganox 1010 and Irganox 1076 in a Polymer Matrix. Chromatographia, 2007, 65, 223-227.	0.7	7
200	HPLC technique for quantitation of Chimassorb 944, and its evaluation in analysis of real and standard samples of polyolefins. Mikrochimica Acta, 2007, 159, 363-369.	2.5	7
201	Development of dynamic headspace-liquid phase microextraction method performed in a home-made extraction vessel for extraction and preconcentration of 1,4-dioxane from shampoo. Journal of the Iranian Chemical Society, 2016, 13, 1385-1393.	1.2	7
202	Application of vortex-assisted liquidâ€"liquid microextraction based on solidification of floating organic droplets for determination of some pesticides in fruit juice samples. Analytical Methods, 2018, 10, 5842-5850.	1.3	7
203	Development of an Efficient Sample Preparation Method Based on Homogeneous Liquid-Liquid Extraction Combined with Dispersive Liquid-Liquid Microextraction Solidification of Floating Organic Drop for Trace Analysis of Pesticide Residues in Fruit and Fruit Juice Samples. Food Analytical Methods, 2019, 12, 2730-2741.	1.3	7
204	Development of a new method for extraction and preconcentration of cadmium and zinc ions in edible oils based on heat-induced homogeneous liquidâ€"liquid microextraction. Journal of the Iranian Chemical Society, 2019, 16, 1537-1543.	1.2	7
205	Endocrine-disrupting compounds surveying in polyethylene packed injection solutions using microwave-accelerated air-assisted liquidâ€"liquid microextraction based on solidification of deep eutectic solvent. Separation Science and Technology, 2021, 56, 1579-1588.	1.3	7
206	Combining a liquid-liquid extraction with successive air assisted liquid-liquid microextraction for the analysis of phytosterols present in animal based butter and oil samples. Journal of Chromatography A, 2021, 1642, 462025.	1.8	7
207	pH-induced homogeneous liquidâ€"liquid microextraction method based on new switchable deep eutectic solvent for the extraction of three antiepileptic drugs from breast milk. Bioanalysis, 2021, 13, 1087-1099.	0.6	7
208	Dispersive Solid Phase Extraction Using Magnetic NanoparticlesPerformed in a Narrow-Bored Tube for Extraction of Atorvastatin,Losartan, and Valsartan in Plasma. Advanced Pharmaceutical Bulletin, 2019, 9, 138-146.	0.6	7
209	A Microextraction Liquid-Chromatographic Determination of Aristolochic Acid I in Urine, Flour, and Aristolochiaceae Fruit. Current Pharmaceutical Analysis, 2017, 13, .	0.3	7
210	Deep eutectic solvent-based air-assisted liquidâ€"liquid microextraction of lead in gasoline samples followed by graphite furnace atomic absorption spectrometry. Journal of the Iranian Chemical Society, 2022, 19, 2591-2599.	1.2	7
211	Magnetic dispersive solid phase extraction based on carbonized celluloseâ€"ferromagnetic nanocomposite for screening phthalate esters in aqueous samples. Journal of Chromatography A, 2022, 1663, 462756.	1.8	7
212	Analytical application of MIL-53 (Al) for the extraction of pesticides from fruit juices following their preconcentration through dispersive liquid-liquid microextraction. Talanta Open, 2022, 5, 100121.	1.7	7
213	Preparation of a magnetic sorbent based on Tanacetum extract and its application in the extraction of Cu(II) and Pb(II) ions from milk performed in a narrow-bore tube followed by dispersive liquidâ€"liquid microextraction. Journal of Food Composition and Analysis, 2022, 112, 104654.	1.9	7
214	A New Simple and Accurate Turbidimetric Method for Determination of Ascorbic Acid in Pharmaceuticals and Fruits. Journal of the Chinese Chemical Society, 2002, 49, 949-956.	0.8	6
215	Study of Phenolic Compounds Removal from Aqueous Solution by Polymeric Sorbent. Journal of the Chinese Chemical Society, 2005, 52, 295-301.	0.8	6
216	Liquidâ€"gasâ€"liquid technique for microextraction and preconcentration of short chain fatty acids from aqueous samples. Journal of Separation Science, 2009, 32, 1027-1035.	1.3	6

#	Article	IF	Citations
217	Successive pH- and heat-induced homogenous liquidâ€“liquid extraction. Journal of Chromatography A, 2016, 1459, 9-16.	1.8	6
218	Development of a New Dynamic Headspace Liquid-Phase Microextraction Method. Chromatographia, 2016, 79, 773-779.	0.7	6
219	Determination of Natamycin in Dairy Products Using Dispersive Liquid-Liquid Microextraction and Indirect Flame Atomic Absorption Spectrometry. Food Analytical Methods, 2017, 10, 2529-2538.	1.3	6
220	Determination of Pyridine as a Decomposition Product in Ceftazidime and Mouthwash Solution. Chromatographia, 2017, 80, 497-502.	0.7	6
221	Development of a green effervescence-assisted dispersive liquidâ€“liquid microextraction method using a home-made tablet disperser for trace analysis of Cd(II) and Pb(II). International Journal of Environmental Analytical Chemistry, 2018, 98, 182-195.	1.8	6
222	Combination of dispersive solid phase extraction with lighter than water dispersive liquidâ€“liquid microextraction for the extraction of organophosphorous pesticides from milk. International Journal of Environmental Analytical Chemistry, 2022, 102, 5873-5886.	1.8	6
223	Development of temperature-assisted solidification of floating organic droplet-based dispersive liquidâ€“liquid microextraction performed during centrifugation for extraction of organochlorine pesticide residues in cocoa powder prior to GC-ECD. Chemical Papers, 2021, 75, 1691-1700.	1.0	6
224	Development of a Stirring-Dependent Magnetic Dispersive Solid Phase Extraction Method Coupled with Ferrofluid-Based Dispersive Liquidâ€“Liquid Microextraction for the Extraction of Some Pyrethroid Pesticides from Fruit Juices. Food Analytical Methods, 2021, 14, 1216-1226.	1.3	6
225	Surfactant-assisted salting-out homogenous liquidâ€“liquid extraction based on deep eutectic solvents using central composite design; application in the extraction of natamycin from fruit juices before its determination by HPLC-UV. Microchemical Journal, 2022, 179, 107504.	2.3	6
226	Application of magnetic iron (III) oxinate nanocomposite as an efficient sorbent in magnetic dispersive solid phase extraction of pesticides. Microchemical Journal, 2022, 179, 107584.	2.3	6
227	Treated Rice Bran for Scavenging Cr(III) and Hg(II) from Acidic Solution. Journal of the Chinese Chemical Society, 2004, 51, 751-759.	0.8	5
228	Comparison of GC and HPLC Methods for Quantitative Analysis of Tinuvin 622 After Saponification in Polyethylene. Mikrochimica Acta, 2005, 150, 173-177.	2.5	5
229	Liquidâ€“Gasâ€“Liquid Microextraction as a Simple Technique for the Extraction of 2,4-Di-tert-butyl Phenol from Aqueous Samples. Chromatographia, 2007, 66, 415-419.	0.7	5
230	An elevated temperature-dispersive liquidâ€“liquid microextraction method combined with GC-flame ionization detection as a sensitive method for determining phthalate esters. Analytical Methods, 2015, 7, 4269-4277.	1.3	5
231	Ion-Pair-Based Air-Assisted Liquidâ€“Liquid Microextraction for the Extraction and Preconcentration of Phthalic Acids from Aqueous Samples. Food Analytical Methods, 2016, 9, 1096-1105.	1.3	5
232	Extraction and preconcentration of triazine pesticides using rapid, simple, and disperser solventless microextraction technique followed by gas chromatographyâ€“nitrogen phosphorous detection. European Journal of Lipid Science and Technology, 2017, 119, 1600208.	1.0	5
233	Picoline based-homogeneous liquidâ€“liquid microextraction of cobalt(<scp>ii</scp>) and nickel(<scp>ii</scp>) at trace levels from a high volume of an aqueous sample. Analytical Methods, 2019, 11, 1379-1386.	1.3	5
234	Application of a modified lighter than water organic solvent-based air-assisted liquidâ€“liquid microextraction method for the efficient extraction of aflatoxin M₁ in unpasteurized milk samples. International Journal of Environmental Analytical Chemistry, 2022, 102, 4121-4133.	1.8	5

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235	On-Line Sorbentless Cryogenic Needle Trap and GCâ€“FID Method for the Extraction and Analysis of Trace Volatile Organic Compounds from Soil Samples. Journal of Chromatographic Science, 2020, 58, 887-895.	0.7	5
236	Magnetic solidâ€phase extraction method for extraction of some pesticides in vegetable and fruit juices. Journal of Separation Science, 2020, 43, 1523-1530.	1.3	5
237	Development of an ultrasonic-assisted and effervescent tablet-assisted dispersive liquidâ€“liquid microextraction based on ionic liquids for analysis of benzoylurea insecticides. International Journal of Environmental Analytical Chemistry, 2022, 102, 1834-1848.	1.8	5
238	Development of an ultrasonic and heat-assisted liquidâ€“liquid extraction method combined with deep eutectic solvent-based dispersive liquidâ€“liquid microextraction for the extraction of some phytosterols from cow milk butter samples. Journal of the Iranian Chemical Society, 2021, 18, 2483-2491.	1.2	5
239	Development of a sample preparation procedure using an ironâ€based metalâ€organic framework for the extraction of pesticides from fruit juices by dispersive micro solidâ€phase extraction followed by their preconcentration by dispersive liquidâ€liquid microextraction. Separation Science Plus, 2022, 5, 184-192.	0.3	5
240	Application of magnetic benzamide-coated SiC nanocomposite in effervesces-assisted DSPE combined with DLLME for the extraction of pesticides from fruit juice samples. Microchemical Journal, 2022, 181, 107749.	2.3	5
241	Sorbentless cryogenic needle trap device for the extraction of organic volatile compounds. Mikrochimica Acta, 2012, 177, 81-88.	2.5	4
242	Development of a new version of homogenous liquidâ€“liquid extraction based on an acidâ€“base reaction: application for extraction and preconcentration of aryloxyphenoxy-propionate pesticides from fruit juice and vegetable samples. RSC Advances, 2016, 6, 14927-14936.	1.7	4
243	Determination of migrated phthalic acid residues into edible oils using a green mode of air-assisted liquidâ€“liquid microextraction followed by high-performance liquid chromatographyâ€“diode array detector. Journal of the Iranian Chemical Society, 2017, 14, 551-559.	1.2	4
244	Development of dispersive solid phase extraction utilizing folic acid as an efficient and green sorbent followed by dispersive liquidâ€“liquid microextraction for the extraction of some plasticizers from aqueous samples. Journal of Separation Science, 2020, 43, 4314-4321.	1.3	4
245	Combination of homogeneous liquidâ€“liquid extraction and dispersive liquidâ€“liquid microextraction for extraction of some organochlorine pesticides from cocoa. International Journal of Environmental Analytical Chemistry, 2022, 102, 5092-5105.	1.8	4
246	Development of simultaneously salt and ultrasonic-assisted liquid phase microextraction for the extraction of neonicotinoid insecticides from fresh fruit juices and fruit juices. International Journal of Environmental Analytical Chemistry, 2022, 102, 1697-1708.	1.8	4
247	Determination and validation of simultaneous derivatization and dispersive liquidâ€liquid microextraction method for analysis of nitrate and nitrite contents as nitrate ions in onion and potato samples. Separation Science Plus, 2020, 3, 225-234.	0.3	4
248	Dispersive solid phase extraction based on simply prepared nitrogen-doped amorphous carbon nanocomposite combined with dispersive liquidâ€“liquid microextraction: application in the extraction of some pesticides from fruit juices. Journal of the Iranian Chemical Society, 2021, 18, 2151-2164.	1.2	4
249	Facile preparation of nitrogenâ€“doped amorphous carbon nanocomposite as an efficient sorbent in dispersive solid phase extraction. International Journal of Environmental Analytical Chemistry, 0, , 1-19.	1.8	4
250	Combining dispersive solid phase extraction using an inexpensive sorbent with dispersive liquidâ€“liquid microextraction for the efficient extraction of some plasticisers from plastic-packed liquids. International Journal of Environmental Analytical Chemistry, 2023, 103, 6383-6399.	1.8	4
251	Development of a magnetic dispersive solid phase extraction method by employing folic acid magnetic nanoparticles as an effective, green, and reliable sorbent followed by dispersive liquid-liquid microextraction for the extraction and preconcentration of seven pesticides from fruit juices. Mikrochimica Acta, 2021, 188, 314.	2.5	4
252	Development of an inâ€“syringe gasâ€“assisted density tunable solidification of floating organic dropletâ€“based dispersive liquid phase microextraction method coupled with HPLCâ€“MS/MS for monitoring amikacin in biological fluids. Journal of Pharmaceutical and Biomedical Analysis, 2022, 210, 114552.	1.4	4

#	Article	IF	Citations
253	Development of a reversed-phase dispersive liquidâ€“liquid microextraction method for the extraction and preconcentration of lead and cadmium ions in some cosmetic products. Chemical Papers, 2022, 76, 2085-2092.	1.0	4
254	Application of calcium oxide as an efficient phase separation agent in temperatureâ€induced counterâ€current homogenous liquidâ€liquid extraction of aflatoxins from dried fruit chips followed by highâ€performance liquid chromatographyâ€tandem mass spectrometry determination. Journal of Separation Science, 2022, 45, 1894-1903.	1.3	4
255	A mixed deep eutectic solvents-based air-assisted liquidâ€“liquid microextraction of surfactants from exhaled breath condensate samples prior to HPLC-MS/MS analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1204, 123289.	1.2	4
256	Magnetic dispersive solidâ€phase extraction of some polycyclic aromatic hydrocarbons from honey samples using iron (III) oxinate nanocomposite as an efficient sorbent. Journal of Separation Science, 2022, 45, 2642-2651.	1.3	4
257	Semi-micro solvent extraction as a rapid and efficient preconcentration technique for the determination of n-alkanes in oil-contaiminated water and soil samples by capillary gas chromatography. Chromatographia, 2002, 55, 225-229.	0.7	3
258	Development of Turbidimetric Methods for the Determination of Some N-Substituted Phenothiazine Derivatives Using Sodium Dodecyl Sulfate and Mercury(II) Chloride. Analytical Letters, 2003, 36, 2183-2198.	1.0	3
259	A Simple, Rapid and Reagentless Turbidimetric Method for Determination of Light Stabilizer Tinuvin 622 in Polyethylene. Mikrochimica Acta, 2004, 148, 273-278.	2.5	3
260	An Extractiveâ€Spectrophotometric Method for Determination of Fluoride Ions in Natural Waters Based on its Bleaching Effect on the Iron (III)â€Thiocyanate Complex. Journal of the Chinese Chemical Society, 2004, 51, 303-308.	0.8	3
261	Solvent exchange using hollow fiber prior to separation and determination of some antioxidants by high performance liquid chromatography. Analytica Chimica Acta, 2007, 594, 75-80.	2.6	3
262	Gas chromatographic technique for determination of Irgafos 168 in polyolefin samples after conversion to the related phenolic compound by saponification. Mikrochimica Acta, 2008, 160, 179-183.	2.5	3
263	A simple spectrophotometric technique for determination of Irganox 1010 in polymeric samples. Mikrochimica Acta, 2008, 161, 157-162.	2.5	3
264	A sensitive determination of triazole pesticides in grape juice by combining solid phase extractionâ€“dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“flame ionisation detection. International Journal of Environmental Analytical Chemistry, 2022, 102, 5213-5228.	1.8	3
265	Combination of pressurised liquid extraction with dispersive liquidâ€“liquid microextraction method for the extraction of some pesticides and their related metabolites from chicken liver. International Journal of Environmental Analytical Chemistry, 2023, 103, 884-898.	1.8	3
266	Application of new N- and S-doped amorphous carbon in D-Î¼SPE and its combination with deep eutectic solvent-based DLLME for the extraction of some mycotoxins from soymilk. Analytical Methods, 2021, 13, 4604-4613.	1.3	3
267	Extraction and Preconcentration of Some Pesticides in Vegetable and Fruit Juice Samples Using SA@CaCO3 Sorbent Combined with Dispersive Liquidâ€“Liquid Microextraction. Food Analytical Methods, 2021, 14, 2395-2407.	1.3	3
268	Determination of Two Antiepileptic Drugs in Urine by Homogenous Liquid-Liquid Extraction Performed in A Narrow Tube Combined with Dispersive Liquid-liquid Microextraction Followed by Gas Chromatography-flame Ionization Detection. Iranian Journal of Pharmaceutical Research, 2019, 18, 620-630.	0.3	3
269	Improved magnetic solidâ€phase extraction based on magnetic sorbent obtained from sand for the extraction of pesticides from fruit juice. Journal of the Science of Food and Agriculture, 2022, 102, 4266-4275.	1.7	3
270	Using an efficient Al-based MOF in a two-step microextraction procedure for the extraction of pesticides from commercial fruit beverages. International Journal of Environmental Analytical Chemistry, 0, , 1-16.	1.8	3

#	Article	IF	Citations
271	Application of microcrystalline cellulose as an efficient and cheap sorbent for the extraction of metoprolol from plasma and wastewater before HPLCâ€“MS/MS determination. Biomedical Chromatography, 2022, , e5371.	0.8	3
272	Inâ€situ sorbent formation for the extraction of pesticides from honey. Journal of Separation Science, 2022, 45, 2652-2662.	1.3	3
273	Homogenous dispersive solid phase extraction combined with ionic liquid based-dispersive liquidâ€“liquid microextraction of gentamicin and streptomycin from milk prior to HPLC-MS/MS analysis. Journal of the Iranian Chemical Society, 2022, 19, 4309-4316.	1.2	3
274	Magnetic silicon carbide nanocomposite as a sorbent in magnetic dispersive solid phase extraction followed by dispersive liquidâ€“liquid microextraction in the gas chromatographic determination of pesticides. Microchemical Journal, 2022, 181, 107786.	2.3	3
275	Analysis of Residual Solvents in Ampicillin Powder by Headspace Spectrophotometric Method.. Analytical Sciences, 2002, 18, 171-175.	0.8	2
276	A New Turbidimetric Method for Determination of Melamine Based on its Reaction with Mercury(II). Journal of the Chinese Chemical Society, 2004, 51, 261-264.	0.8	2
277	An Inexpensive, Rapid and Sensitive Spectrophotometric Method for Determination of Trimipramine in Tablets. Journal of the Chinese Chemical Society, 2005, 52, 937-942.	0.8	2
278	A sensitive and efficient method for trace analysis of some phenolic compounds using simultaneous derivatization and airâ€assisted liquidâ€“liquid microextraction from human urine and plasma samples followed by gas chromatographyâ€“nitrogen phosphorous detection. Biomedical Chromatography, 2015, 29, 1921-1931.	0.8	2
279	Simultaneous derivatization and microextraction of parabens in different matrices followed by GC-FID. Journal of the Iranian Chemical Society, 2015, 12, 1061-1069.	1.2	2
280	Development of solidification of floating organic drops liquidâ€“liquid microextraction in a newly designed extraction device. New Journal of Chemistry, 2017, 41, 15384-15391.	1.4	2
281	Simultaneous determination of valproic acid and its main metabolite in human plasma using a small scale dispersive liquidâ€“liquid microextraction followed by gas chromatographyâ€“flame ionization detection. Journal of the Iranian Chemical Society, 2018, 15, 2503-2510.	1.2	2
282	Application of a cleanâ€“up procedure using a ternary liquid phase system combined with preâ€concentration by microextraction in the analysis of seven pesticides from soya milk. Journal of the Science of Food and Agriculture, 2019, 99, 4094-4104.	1.7	2
283	Development of microwave radiations-induced homogeneous liquid-liquid microextraction method for extraction of pyrethroid pesticides in fruit and vegetable samples. International Journal of Environmental Analytical Chemistry, 2020, , 1-12.	1.8	2
284	Simultaneous homogeneous liquidâ€“liquid microextraction and dispersive liquidâ€“liquid microextraction for extraction of some plasticizers from polymeric containers and aqueous samples. International Journal of Environmental Analytical Chemistry, 2022, 102, 4466-4477.	1.8	2
285	Dispersive liquidâ€“liquid microextraction method for the extraction of acidic pesticides in edible oils; application of short-chain organic acids as coâ€“disperser and protonation agent. International Journal of Environmental Analytical Chemistry, 2022, 102, 667-680.	1.8	2
286	In situ adsorbent formation based dispersive micro-solid phase extraction using a deep eutectic solvent as an elution solvent for the extraction of some pesticides from honey samples prior to GC-MS analysis. Analytical Methods, 2021, 13, 4724-4731.	1.3	2
287	Descriptions in toxicology, interactions, extraction, and analytical methods of Aflatoxins; a 10-year study performed in Iranian foodstuffs. International Journal of Environmental Analytical Chemistry, 0, , 1-11.	1.8	2
288	Development of an Ion-Pair Dispersive Liquidâ€“Liquid Microextraction Method Based on a Ternary Deep Eutectic Solvent for Determination of Some Herbicide Residues in Edible Oil Samples. Journal of Chromatographic Science, 2021, , .	0.7	2

#	Article	IF	Citations
289	Determination of 2-Octanone in Biological Samples Using Liquidâ€“Liquid Microextractions Followed by Gas Chromatographyâ€“Flame Ionization Detection. Pharmaceutical Sciences, 2017, 23, 121-128.	0.1	2
290	Control of Organophosphorus Pesticides Residues in Honey Samples Using a Miniaturized Tandem Preconcentration Technique Coupled with High Performance Liquid Chromatography. Pharmaceutical Sciences, 2020, 26, 52-60.	0.1	2
291	Combination of a dispersive solid phase extraction method based on octadecylamine modified magnetic nanoparticles with dispersive liquidâ€“liquid microextraction for the extraction and preconcentration of pesticides. Analytical Methods, 2022, 14, 2376-2388.	1.3	2
292	Use of Reaction between Melamine and Bioxalate Ions for Monitoring Melamine Content of Petrochemical Wastewater. Journal of the Chinese Chemical Society, 2005, 52, 241-245.	0.8	1
293	Low Density Solvent Ion Pair Dispersive Liquidâ€“Liquid Microâ€Extraction â€“ An Economic Method for Extraction of Phthalic Acids. Clean - Soil, Air, Water, 2016, 44, 1531-1537.	0.7	1
294	Pivaloyl chloride as a new derivatization agent for parabens and its application in simultaneous derivatization and air-assisted liquidâ€“liquid microextraction of the analytes in hygiene and personal care products. Journal of the Iranian Chemical Society, 2019, 16, 2187-2196.	1.2	1
295	Application of temperature-assisted tandem dispersive liquidâ€“liquid microextraction for the extraction and high preconcentration of triazole pesticides. International Journal of Environmental Analytical Chemistry, 2020, , 1-17.	1.8	1
296	Deep eutectic solvent-based QuEChERS method combined with dispersive liquidâ€“liquid microextraction for extraction of benzoylurea insecticides in cabbage leaves samples. International Journal of Environmental Analytical Chemistry, 2020, , 1-14.	1.8	1
297	Development of derivatization/airâ€assisted liquidâ€liquid microextraction procedure for analyzing shortâ€chain fatty acids; assessment of the analytes in fruit juice samples. Separation Science Plus, 2021, 4, 240.	0.3	1
298	Development and Validation of a Simple and Rapid HPLC Method for the Evaluation of Pesticide Residues in Plasma Samples of Farmers; Application in Toxicological and Risk Assessment Studies. Pharmaceutical Sciences, 2020, 26, 332-337.	0.1	1
299	Combination of headspace solid phase extraction with lighter than water organic solvent-based dispersive liquid-liquid microextraction for the extraction of residual solvents from herbal laxative medicine prior to gas chromatography-flame ionization detection. Chemical Papers, 0, , .	1.0	1
300	Accurate determination of calcium stearate by atomic absorption spectrophotometric method in polymer. Journal of Applied Polymer Science, 2008, 108, 2638-2643.	1.3	0
301	Comparison of different microextraction based sample preparation methods for Pt (IV) and Pd (II) ions in environmental water samples followed by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 0, , 1-18.	1.8	0
302	Development of Sodium Sulfate Induced Water Based Dispersive Liquidâ€“Liquid Microextraction for the Extraction of Four Tricyclic Antidepressants in Urine Samples Prior to Their Determination by Gas Chromatographyâ€“Mass Spectrometry. Pharmaceutical Sciences, 2020, 27, 76-85.	0.1	0