Mir Ali Farajzadeh

List of Publications by Citations

289 papers	5,638 citations	40 h-index	61 g-index
304 ext. papers	6,686 ext. citations	3.6 avg, IF	6.7 L-index

#	Paper	IF	Citations
289	Air-assisted liquid-liquid microextraction method as a novel microextraction technique; application in extraction and preconcentration of phthalate esters in aqueous sample followed by gas chromatography-flame ionization detection. *Analytica Chimica Acta*, **2012**, 728, 31-8	6.6	240
288	Dispersive liquid-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	6.6	208
287	Dispersive liquid-liquid microextraction using extraction solvent lighter than water. *Journal of Separation Science*, **2009**, 32, 3191-200	3.4	172
286	Use of a capillary tube for collecting an extraction solvent lighter than water after dispersive liquid-liquid microextraction and its application in the determination of parabens in different samples by gas chromatography--flame ionization detection. *Talanta*, **2010**, 81, 1360-7	6.2	137
285	Optimization of dispersive liquid-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, 832-40	6.2	126
284	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, 40-8	6.6	101
283	Optimization and application of homogeneous liquid-liquid extraction in preconcentration of copper (II) in a ternary solvent system. *Journal of Hazardous Materials*, **2009**, 161, 1535-43	12.8	99
282	Coupling stir bar sorptive extraction-dispersive liquid-liquid microextraction for preconcentration of triazole pesticides from aqueous samples followed by GC-FID and GC-MS determinations. *Journal of Separation Science*, **2010**, 33, 1816-28	3.4	90
281	Deep eutectic solvent-based dispersive liquid–liquid microextraction. *Analytical Methods*, **2016**, 8, 2576-2583	3.3	87
280	Molecularly imprinted-solid phase extraction combined with simultaneous derivatization and dispersive liquid-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	4.5	86
279	Air-assisted liquid-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, 1881-7	8.5	77
278	Development of a new dispersive liquid-liquid microextraction method in a narrow-bore tube for preconcentration of triazole pesticides from aqueous samples. *Analytica Chimica Acta*, **2012**, 713, 70-8	6.6	73
277	Development of a new microextraction method based on elevated temperature dispersive liquid-liquid microextraction for determination of triazole pesticides residues in honey by gas chromatography-nitrogen phosphorus detection. *Journal of Chromatography A*, **2014**, 1347, 8-16	4.5	72
276	Derivatization and microextraction methods for determination of organic compounds by gas chromatography. *TrAC - Trends in Analytical Chemistry*, **2014**, 55, 14-23	14.6	70
275	Liquid phase microextraction of pesticides: a review on current methods. *Mikrochimica Acta*, **2014**, 181, 829-851	5.8	69
274	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	8.5	67
273	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	5.8	66

272	Determination of pyrethroid pesticides residues in vegetable oils using liquid–liquid extraction and dispersive liquid–liquid microextraction followed by gas chromatography–flame ionization detection. *Journal of Food Composition and Analysis*, **2014**, 34, 128-135	4.1	65
271	Headspace mode of liquid phase microextraction: A review. *TrAC - Trends in Analytical Chemistry*, **2019**, 110, 8-14	14.6	61
270	Determination of phthalate esters in cow milk samples using dispersive liquid-liquid microextraction coupled with gas chromatography followed by flame ionization and mass spectrometric detection. *Journal of Separation Science*, **2012**, 35, 742-9	3.4	60
269	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	4.1	59
268	Simultaneous derivatization and air-assisted liquid-liquid microextraction based on solidification of lighter than water deep eutectic solvent followed by gas chromatography-mass spectrometry: An efficient and rapid method for trace analysis of aromatic amines in aqueous samples. *Analytica Chimica Acta*, **2018**, 1032, 48-55	6.6	57
267	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	6.2	57
266	Combination of dispersive solid phase extraction and deep eutectic solvent-based air-assisted liquid-liquid microextraction followed by gas chromatography-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	4.5	54
265	Comparison of air-agitated liquid-liquid microextraction technique and conventional dispersive liquid-liquid micro-extraction for determination of triazole pesticides in aqueous samples by gas chromatography with flame ionization detection. *Journal of Chromatography A*, **2013**, 1300, 70-8	4.5	54
264	Determination of five antiarrhythmic drugs in human plasma by dispersive liquid-liquid microextraction and high-performance liquid chromatography. *Talanta*, **2015**, 134, 681-689	6.2	53
263	Extraction and preconcentration technique for triazole pesticides from cow milk using dispersive liquid-liquid microextraction followed by GC-FID and GC-MS determinations. *Journal of Separation Science*, **2011**, 34, 1309-16	3.4	52
262	Electrolytically produced copper(I) chloride on the copper wire as an excellent sorbent for some amines. *Talanta*, **2005**, 65, 700-4	6.2	50
261	Air-assisted liquid–liquid microextraction; principles and applications with analytical instruments. *TrAC - Trends in Analytical Chemistry*, **2020**, 122, 115734	14.6	50
260	Development of a stir bar sorptive extraction method coupled to solidification of floating droplets dispersive liquid-liquid microextraction based on deep eutectic solvents for the extraction of acidic pesticides from tomato samples. *Journal of Separation Science*, **2020**, 43, 1119-1127	3.4	49
259	Solubilities of two steroid drugs and their mixtures in supercritical carbon dioxide. *Journal of Supercritical Fluids*, **2004**, 30, 111-117	4.2	48
258	Simultaneous synthesis of a deep eutectic solvent and its application in liquid–liquid microextraction of polycyclic aromatic hydrocarbons from aqueous samples. *RSC Advances*, **2016**, 6, 47990-47996	3.7	48
257	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	3.4	47
256	Combination of a modified quick, easy, cheap, efficient, rugged, and safe extraction method with a deep eutectic solvent based microwave-assisted dispersive liquid-liquid microextraction: Application in extraction and preconcentration of multiclass pesticide residues in tomato samples. *Journal of Separation Science*, **2019**, 42, 1273-1280	3.4	46
255	Dispersive liquid-liquid microextraction based on solidification of deep eutectic solvent droplets for analysis of pesticides in farmer urine and plasma by gas chromatography-mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2019**, 1124, 114-121	3.2	45

254	Deep eutectic solvent based homogeneous liquid-liquid extraction coupled with in-syringe dispersive liquid-liquid microextraction performed in narrow tube; application in extraction and preconcentration of some herbicides from tea. *Journal of Separation Science*, **2019**, 42, 1768-1776	3.4	45
253	Development of salt and pH-induced solidified floating organic droplets homogeneous liquid-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	6.2	44
252	Development of a new extraction method based on counter current salting-out homogenous liquid-liquid extraction followed by dispersive liquid-liquid microextraction: Application for the extraction and preconcentration of widely used pesticides from fruit juices. *Talanta*, **2016**, 146, 772-9	6.2	43
251	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	5.8	43
250	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	6.2	43
249	Development of organic solvents-free mode of solidification of floating organic droplet-based dispersive liquid-liquid microextraction for the extraction of polycyclic aromatic hydrocarbons from honey samples before their determination by gas chromatography-mass spectrometry. *Journal of Separation Science*, **2020**, 43, 2393-2400	3.4	40
248	Development of counter current salting-out homogenous liquid-liquid extraction for isolation and preconcentration of some pesticides from aqueous samples. *Analytica Chimica Acta*, **2015**, 885, 122-31	6.6	40
247	Development of magnetic dispersive solid phase extraction using toner powder as an efficient and economic sorbent in combination with dispersive liquid-liquid microextraction for extraction of some widely used pesticides in fruit juices. *Journal of Chromatography A*, **2018**, 1532, 10-19	4.5	40
246	Microextraction methods for the determination of phthalate esters in liquid samples: A review. *Journal of Separation Science*, **2015**, 38, 2470-87	3.4	39
245	Combination of homogenous liquid–liquid extraction and dispersive liquid–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	3.7	39
244	Extraction and enrichment of triazole and triazine pesticides from honey using air-assisted liquid-liquid microextraction. *Journal of Food Science*, **2014**, 79, H2140-8	3.4	38
243	Combination of solid-phase extraction-hollow fiber for ultra-preconcentration of some triazole pesticides followed by gas chromatography-flame ionization detection. *Journal of Separation Science*, **2012**, 35, 121-7	3.4	38
242	Determination of triazole pesticide residues in edible oils using air-assisted liquid-liquid microextraction followed by gas chromatography with flame ionization detection. *Journal of Separation Science*, **2015**, 38, 1002-9	3.4	38
241	Determination of widely used non-steroidal anti-inflammatory drugs in biological fluids using simultaneous derivatization and air-assisted liquid–liquid microextraction followed by gas chromatography–flame ionization detection. *Journal of the Iranian Chemical Society*, **2016**, 13, 289-298	2	37
240	Determination of Some Synthetic Phenolic Antioxidants and Bisphenol A in Honey Using Dispersive Liquid–liquid Microextraction Followed by Gas Chromatography-Flame Ionization Detection. *Food Analytical Methods*, **2015**, 8, 2035-2043	3.4	37
239	Combination of dispersive solid phase extraction with solidification organic drop-dispersive liquid-liquid microextraction based on deep eutectic solvent for extraction of organophosphorous pesticides from edible oil samples. *Journal of Chromatography A*, **2020**, 1627, 461390	4.5	37
238	Development of continuous dispersive liquid-liquid microextraction performed in home-made device for extraction and preconcentration of aryloxyphenoxy-propionate herbicides from aqueous samples followed by gas chromatography-flame ionization detection. *Analytica Chimica Acta*, **2016**, 920, 1-9	6.6	37
237	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	6.2	37

236	Inside-Needle Extraction Method Based on Molecularly Imprinted Polymer for Solid-Phase Dynamic Extraction and Preconcentration of Triazine Herbicides Followed by GC–FID Determination. *Chromatographia*, **2012**, 75, 139-148	2.1	36
235	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, 3571-8	3.4	36
234	Simultaneous derivatization and air-assisted liquid-liquid microextraction of some aliphatic amines in different aqueous samples followed by gas chromatography-flame ionization detection. *Analytica Chimica Acta*, **2013**, 775, 50-7	6.6	36
233	Development of a dispersive liquid–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	3.7	36
232	Development of Salt-Induced Homogenous Liquid–liquid Microextraction Based on iso-Propanol/Sodium Sulfate System for Extraction of Some Pesticides in Fruit Juices. *Food Analytical Methods*, **2018**, 11, 2497-2507	3.4	35
231	Salting-out homogeneous liquid-liquid extraction in narrow-bore tube: extraction and preconcentration of phthalate esters from water. *Journal of Separation Science*, **2013**, 36, 939-46	3.4	34
230	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	6.2	34
229	Determination of amantadine in biological fluids using simultaneous derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2013**, 940, 142-9	3.2	33
228	Simultaneous cloud-point extraction of nine cations from water samples and their determination by flame atomic absorption spectrometry. *Analytical Sciences*, **2006**, 22, 635-9	1.7	33
227	Combination of dispersive solid phase extraction and dispersive liquid–liquid microextraction for extraction of some aryloxy pesticides prior to their determination by gas chromatography. *Microchemical Journal*, **2017**, 131, 182-191	4.8	32
226	Hollow fiber-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	6.2	31
225	Simultaneous derivatization and dispersive liquid-liquid microextraction of anilines in different samples followed by gas chromatography-flame ionization detection. *Talanta*, **2012**, 99, 1004-10	6.2	31
224	Synthesis and Application of High Selective Monolithic Fibers Based on Molecularly Imprinted Polymer for SPME of Trace Methamphetamine. *Chromatographia*, **2011**, 73, 975-983	2.1	31
223	Optimization of Dispersive Liquid–liquid Microextraction of Irganox 1010 and Irgafos 168 from Polyolefins Before Liquid Chromatographic Analysis. *Chromatographia*, **2009**, 69, 409-419	2.1	30
222	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	1.7	30
221	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, 1135-42	6.2	28
220	A new selective SPME fiber for some n-alkanes and its use for headspace sampling of aqueous samples. *Journal of Separation Science*, **2003**, 26, 802-808	3.4	28
219	Combination of Modified QuEChERS Extraction Method and Dispersive Liquid–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	3.4	28

218	Liquid chromatographic determination of benomyl in water samples after dispersive liquid-liquid microextraction. *Journal of Separation Science*, **2009**, 32, 2442-7	3.4	27
217	Optimization of dispersive liquid-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, 4200-12	3.4	27
216	An efficient, rapid and microwave-accelerated dispersive liquid–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	4.1	26
215	Central Composite Design Applied to Optimization of Dispersive Liquid–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	1.6	26
214	Alumina-based fiber for solid phase microextraction of alcohols from gaseous samples. *Analytical Sciences*, **2004**, 20, 1359-62	1.7	26
213	Low temperature-induced homogeneous liquid–liquid extraction and ternary deep eutectic solvent-based dispersive liquid–liquid microextraction followed by gas chromatography in the assessment of multiclass pesticide residues in cucumbers. *New Journal of Chemistry*, **2019**, 43, 12453-12461	3.6	24
212	Magnetic graphene oxide-based solid-phase extraction combined with dispersive liquid–liquid microextraction for the simultaneous preconcentration of four typical pesticide residues in fruit juice and pulp. *Food Analytical Methods*, **2019**, 12, 2742-2752	3.4	23
211	Combination of QuEChERS extraction with magnetic solid phase extraction followed by dispersive liquid–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**,	4.8	23
210	Simultaneous derivatization and solid-based disperser liquid-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	3.2	23
209	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	4.8	23
208	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	4.5	23
207	Combination of poly (ε-caprolactone) grafted graphene quantum dots-based dispersive solid phase extraction followed by dispersive liquid–liquid microextraction for extraction of some pesticides from fruit juices prior to their quantification by gas chromatography. *Microchemical*	4.8	23
206	Simultaneous determination of atorvastatin and valsartan in human plasma by solid-based disperser liquid-liquid microextraction followed by high-performance liquid chromatography-diode array detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1017-1018, 62-69	3.2	23
205	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	4.8	22
204	Combination of Extraction by Silylated Vessel-Dispersive Liquid–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	2.1	22
203	Determination of BTEX in Water Samples with an SPME Hollow Fiber Coated Copper Wire. *Chromatographia*, **2008**, 68, 443-446	2.1	22
202	Synthesis and ion-exchange properties of crystalline titanium and zirconium phosphates. *Journal of Radioanalytical and Nuclear Chemistry*, **2004**, 261, 393-400	1.5	22
201	Vortex-assisted liquid-liquid extraction combined with field-amplified sample injection and sweeping micellar electrokinetic chromatography for improved determination of β-blockers in human urine. *Talanta*, **2016**, 149, 298-309	6.2	21

200	Development of a new sample preparation method based on liquid-liquid-liquid extraction combined with dispersive liquid-liquid microextraction and its application on unfiltered samples containing high content of solids. *Talanta*, **2017**, 174, 111-121	6.2	20
199	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	2.4	19
198	Determination of three antidepressants in urine using simultaneous derivatization and temperature-assisted dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. *Biomedical Chromatography*, **2015**, 29, 1094-102	1.7	18
197	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, 1177-84	3.4	18
196	Dispersive liquid-liquid microextraction combined with gas chromatography for extraction and determination of class 1 residual solvents in pharmaceuticals. *Journal of Separation Science*, **2012**, 35, 1027-35	3.4	18
195	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, 875-9	1.7	17
194	Development of a simple and efficient pretreatment technique named pH-dependent continuous homogenous liquid–liquid extraction. *Analytical Methods*, **2016**, 8, 5676-5683	3.2	17
193	Detection limit enhancement of antiarrhythmic drugs in human plasma using capillary electrophoresis with dispersive liquid-liquid microextraction and field-amplified sample stacking method. *Bioanalysis*, **2015**, 7, 21-37	2.1	16
192	Monitoring of nine pesticides in different cereal flour samples with high performance liquid chromatography-diode array detection. *Analytical Methods*, **2019**, 11, 4022-4033	3.2	15
191	Development of dispersive liquid-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	4.5	15
190	Study of menthol as a green extractant in dispersive liquid–liquid microextraction; application in extraction of phthalate esters from pharmaceutical products. *Analytical Methods*, **2013**, 5, 1975	3.2	15
189	HPLC and GC Methods for Determination of Lubricants and Their Evaluation in Analysis of Real Samples of Polyethylene. *Mikrochimica Acta*, **2006**, 153, 73-78	5.8	15
188	A Simple and Reliable Spectrophotometric Method for the Determination of Ascorbic Acid in Pharmaceutical Preparations. *Journal of Analytical Chemistry*, **2003**, 58, 927-932	1.1	15
187	Preparation of a new three-component deep eutectic solvent and its use as an extraction solvent in dispersive liquid-liquid microextraction of pesticides in green tea and herbal distillates. *Journal of the Science of Food and Agriculture*, **2020**, 100, 1904-1912	4.3	15
186	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	3.6	15
185	A Rapid and Sensitive Method for the Analysis of Pyrethroid Pesticides Using the Combination of Liquid–liquid Extraction and Dispersive Liquid–liquid Microextraction. *Clean - Soil, Air, Water*, **2015**, 43, 51-58	1.6	14
184	Development of a green liquid–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	4.1	14
183	Headspace SPME–GC Method for Acetone Analysis and its Biomedical Application. *Chromatographia*, **2007**, 66, 383-387	2.1	14

182	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	1.5	14
181	Analysis of n-alkanes at sub microgram per liter level after direct solid phase microextraction from aqueous samples. *Analytical Sciences*, **2002**, 18, 1221-5	1.7	14
180	Organic solvent-free elevated temperature liquid–liquid extraction combined with a new switchable deep eutectic solvent-based dispersive liquid–liquid microextraction of three phenolic antioxidants from oil samples. *Microchemical Journal*, **2021**, 168, 106433	4.8	14
179	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	4.8	13
178	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	4.8	13
177	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, 1063-7	3.5	13
176	Synthesis and characterization of phosphocholine chloride-based three-component deep eutectic solvent: application in dispersive liquid-liquid microextraction for determination of organothiophosphate pesticides. *Journal of the Science of Food and Agriculture*, **2020**, 100, 2364-2371	4.3	13
175	Dispersive solid phase extraction combined with solidification of floating organic drop-liquid-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	4.5	13
174	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	3.2	13
173	In situ-produced CO2-assisted dispersive liquid–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, 301-309	2	13
172	Ferrofluid-based dispersive liquid–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	3.2	12
171	Magnetic solid phase extraction using Fe3O4@SiO2@C8 nanoparticles performed in a narrow-bore tube followed by dispersive liquid–liquid microextraction for extraction and preconcentration of nine pesticides. *New Journal of Chemistry*, **2018**, 42, 6215-6224	3.6	12
170	Low-density-solvent-based air-assisted liquid-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, 1160-7	3.4	12
169	Extraction and preconcentration of residual solvents in pharmaceuticals using dynamic headspace-liquid phase microextraction and their determination by gas chromatography-flame ionization detection. *Biomedical Chromatography*, **2017**, 31, e3788	1.7	12
168	Air-assisted liquid–liquid microextraction for simultaneous derivatization, extraction, and preconcentration of some phenolic compounds. *Analytical Methods*, **2014**, 6, 7733-7743	3.2	12
167	Determination of calcium stearate in polyolefin samples by gas chromatographic technique after performing dispersive liquid-liquid microextraction. *Analytical Sciences*, **2008**, 24, 623-6	1.7	12
166	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	4.8	12
165	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	2.5	12

164	Determination of unconjugated non-steroidal anti-inflammatory drugs in biological fluids using air-assisted liquid–liquid microextraction combined with back extraction followed by high performance liquid chromatography. *Analytical Methods*, **2015**, 7, 1372-1379	3.2	11
163	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	4.1	11
162	Extraction and Preconcentration of Some Triazole Pesticides in Grape Juice by Salting Out Homogeneous Liquid–Liquid Extraction in a Narrow-Bore Tube Prior to Their Determination by Gas Chromatography–Flame Ionization Detection. *Food Analytical Methods*, **2014**, 7, 1229-1237	3.4	11
161	Coupling of homogeneous liquid-liquid extraction and dispersive liquid-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	3.4	11
160	Salt-assisted LLE combined with field-amplified sample stacking in CE for improved determination of beta blocker drugs in human urine. *Bioanalysis*, **2014**, 6, 319-34	2.1	11
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