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**Determination of organic compounds in water using  
dispersive liquid-liquid microextraction**

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#	Paper	IF	Citations
2343	Automated Agitation-Assisted Demulsification Dispersive Liquid-Liquid Microextraction.		
2342	Dispersive liquid-liquid microextraction combined with gas chromatography-flame photometric detection. Very simple, rapid and sensitive method for the determination of organophosphorus pesticides in water. <i>Journal of Chromatography A</i> , <b>2006</b> , 1123, 1-9	4.5	652
2341	Application of dispersive liquid-liquid microextraction combined with high-performance liquid chromatography for the determination of methomyl in natural waters. <b>2007</b> , 30, 3262-7		49
2340	Sample preparation for the analysis of volatile organic compounds in air and water matrices. <i>Journal of Chromatography A</i> , <b>2007</b> , 1153, 130-44	4.5	262
2339	Sample preparation techniques for the determination of trace residues and contaminants in foods. <i>Journal of Chromatography A</i> , <b>2007</b> , 1153, 36-53	4.5	283
2338	Determination of chlorophenols in water samples using simultaneous dispersive liquid-liquid microextraction and derivatization followed by gas chromatography-electron-capture detection. <i>Journal of Chromatography A</i> , <b>2007</b> , 1157, 23-9	4.5	314
2337	Determination of volatile phenols in red wines by dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry detection. <i>Journal of Chromatography A</i> , <b>2007</b> , 1157, 46-50	4.5	178
2336	Determination of triazine herbicides in aqueous samples by dispersive liquid-liquid microextraction with gas chromatography-ion trap mass spectrometry. <i>Journal of Chromatography A</i> , <b>2007</b> , 1161, 89-97	4.5	277
2335	Development of a dispersive liquid-liquid microextraction method for organophosphorus flame retardants and plasticizers determination in water samples. <i>Journal of Chromatography A</i> , <b>2007</b> , 1166, 9-15	4.5	127
2334	Solid-phase extraction combined with dispersive liquid-liquid microextraction-ultra pre-concentration of chlorophenols in aqueous samples. <i>Journal of Chromatography A</i> , <b>2007</b> , 1169, 63-9	4.5	163
2333	Development of dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry as a simple, rapid and highly sensitive method for the determination of phthalate esters in water samples. <i>Journal of Chromatography A</i> , <b>2007</b> , 1172, 105-12	4.5	164
2332	Application of dispersive liquid-liquid microextraction for the analysis of organophosphorus pesticides in watermelon and cucumber. <i>Journal of Chromatography A</i> , <b>2007</b> , 1175, 137-40	4.5	155
2331	A new liquid-phase microextraction method based on solidification of floating organic drop. <b>2007</b> , 585, 286-93		433
2330	Dispersive liquid-liquid microextraction combined with graphite furnace atomic absorption spectrometry: ultra trace determination of cadmium in water samples. <b>2007</b> , 585, 305-11		333
2329	Dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-diode array detection as an efficient and sensitive technique for determination of antioxidants. <b>2007</b> , 591, 69-79		208
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2327	Monitoring of selenium in water samples using dispersive liquid-liquid microextraction followed by iridium-modified tube graphite furnace atomic absorption spectrometry. <b>2007</b> , 87, 6-12		164

2326	Determination of Trihalomethanes in Drinking Water by Dispersive Liquid-Liquid Microextraction then Gas Chromatography with Electron-Capture Detection. <b>2007</b> , 66, 81-86	111
2325	Application of dispersive liquid-liquid microextraction and high-performance liquid chromatography for the determination of three phthalate esters in water samples. <b>2008</b> , 609, 53-8	231
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2323	Use of dispersive liquid-liquid microextraction for simultaneous preconcentration of samarium, europium, gadolinium and dysprosium. <b>2008</b> , 278, 97-102	40
2322	Rapid determination of amide herbicides in environmental water samples with dispersive liquid-liquid microextraction prior to gas chromatography-mass spectrometry. <b>2008</b> , 391, 2915-21	44
2321	Analysis of captan, folpet, and captafol in apples by dispersive liquid-liquid microextraction combined with gas chromatography. <b>2008</b> , 392, 749-54	68
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2316	Combination of dispersive liquid-liquid microextraction with flame atomic absorption spectrometry using microsample introduction for determination of lead in water samples. <b>2008</b> , 610, 135-41	132
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2308	Determination of trihalomethanes in water samples: a review. <b>2008</b> , 629, 6-23		72
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2198	Headspace Single Drop Microextraction Using Micellar Ionic Liquid Extraction Solvents. <b>2010</b> , 72, 393-402	30
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2196	Application of DLLME to the Determination of Pyrethroids in Aqueous Samples. <b>2010</b> , 72, 1017-1020	30
2195	Determination of Benzoic Acid in Water Samples by Ionic Liquid Cold-Induced Aggregation Dispersive LLME Coupling with LC. <b>2010</b> , 72, 1195-1199	14
2194	Dispersive liquid-liquid microextraction coupled with dispersive micro-solid-phase extraction for the fast determination of polycyclic aromatic hydrocarbons in environmental water samples. <b>2010</b> , 82, 1540-5	211
2193	Novel extraction method based on the dispersion of the extraction solvent for extraction of letrozole from biological fluids. <b>2010</b> , 2, 1341	25
2192	Analysis of food taints and off-flavours: a review. <b>2010</b> , 27, 146-68	42
2191	Quantitation of valproic acid in pharmaceutical preparations using dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection without prior derivatization. <b>2010</b> , 2, 362-6	14
2190	Determination of 11 priority pollutant phenols in wastewater using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-diode-array detection. <b>2010</b> , 396, 2685-93	64
2189	Trace determination of triclosan and triclocarban in environmental water samples with ionic liquid dispersive liquid-phase microextraction prior to HPLC-ESI-MS-MS. <b>2010</b> , 397, 1627-33	50
2188	Determination of organophosphorus pesticides in environmental water samples by dispersive liquid-liquid microextraction with solidification of floating organic droplet followed by high-performance liquid chromatography. <b>2010</b> , 397, 2543-9	66
2187	Determination of five polar herbicides in water samples by ionic liquid dispersive liquid-phase microextraction. <b>2010</b> , 397, 3089-95	31
2186	Dispersive liquid-liquid microextraction using a surfactant as disperser agent. <b>2010</b> , 397, 3107-15	70
2185	Dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for the rapid and sensitive determination of UV filters in environmental water samples. <b>2010</b> , 398, 995-1004	65
2184	Recent development in liquid phase microextraction for determination of trace level concentration of metals--a review. <b>2010</b> , 658, 107-19	260
2183	Validation of method for determination of different classes of pesticides in aqueous samples by dispersive liquid-liquid microextraction with liquid chromatography-tandem mass spectrometric detection. <b>2010</b> , 665, 55-62	82

2182	Development of a robust ionic liquid-based dispersive liquid-liquid microextraction against high concentration of salt for preconcentration of trace metals in saline aqueous samples: application to the determination of Pb and Cd. <b>2010</b> , 669, 25-31		117
2181	Griess micro-assay for the determination of nitrite by combining fibre optics-based cuvetteless UV-vis micro-spectrophotometry with liquid-phase microextraction. <b>2010</b> , 668, 195-200		64
2180	Speciation and determination of ultra trace amounts of inorganic tellurium in environmental water samples by dispersive liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <b>2010</b> , 670, 18-23		64
2179	Low toxic dispersive liquid-liquid microextraction using halosolvents for extraction of polycyclic aromatic hydrocarbons in water samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5455-61	4-5	62
2178	Solvent-based de-emulsification dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry for determination of trace organochlorine pesticides in environmental water samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5896-900	4-5	74
2177	Quantitation of mononitrotoluenes in aquatic environment using dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <b>2010</b> , 175, 279-83		37
2176	A simple and rapid new dispersive liquid-liquid microextraction based on solidification of floating organic drop combined with inductively coupled plasma-optical emission spectrometry for preconcentration and determination of aluminium in water samples. <b>2010</b> , 178, 766-70		145
2175	Development of a dispersive liquid-liquid microextraction method for iron speciation and determination in different water samples. <b>2010</b> , 183, 688-93		62
2174	Determination of trace amounts of palladium by flame atomic absorption spectrometry after ligandless-dispersive liquid-liquid microextraction. <b>2010</b> , 168, 123-128		38
2173	Dispersive liquid-liquid microextraction followed by spectrofluorimetry as a simple and accurate technique for determination of thiamine (vitamin B1). <b>2010</b> , 168, 317-324		45
2172	Dispersive liquid-liquid microextraction combined with flow injection inductively coupled plasma mass spectrometry for simultaneous determination of cadmium, lead and bismuth in water samples. <b>2010</b> , 171, 49-56		58
2171	Quantitative analysis of toxic halogenated contaminants in Oluyoro stream of Nigeria. <b>2010</b> , 12, 357-364		
2170	Determination of Triazines by Ultrasonic-Assisted Ionic Liquid Microextraction Coupled with High Performance Liquid Chromatography. <b>2010</b> , 28, 785-790		5
2169	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. <b>2010</b> , 38, 466-477		26
2168	Determination of Trace Levels of Nickel and Manganese in Soil, Vegetable, and Water. <b>2010</b> , 38, 1177-1183		21
2167	Dispersive liquid-liquid microextraction combined with nonaqueous capillary electrophoresis for the determination of fluoroquinolone antibiotics in waters. <b>2010</b> , 31, 3457-65		55
2166	Extraction of organophosphorus pesticides in water and juice using ultrasound-assisted emulsification-microextraction. <b>2010</b> , 33, 244-50		52
2165	Ultrasound-assisted dispersive liquid-liquid microextraction coupled with capillary gas chromatography for simultaneous analysis of nine pyrethroids in domestic wastewaters. <b>2010</b> , 33, 1829-35		29

2164	Temperature-controlled ionic liquid dispersive liquid-phase microextraction for the sensitive determination of triclosan and triclocarban in environmental water samples prior to HPLC-ESI-MS/MS. <b>2010</b> , 33, 1842-8		30
2163	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. <b>2010</b> , 33, 1816-28		90
2162	Combination of ultrasound-assisted ionic liquid dispersive liquid-phase microextraction and high performance liquid chromatography for the sensitive determination of benzoylureas pesticides in environmental water samples. <b>2010</b> , 33, 3734-40		43
2161	A simple and rapid dispersive liquid-liquid microextraction method followed by GC-FID for determination of N-methylpyrrolidine in cefepime. <b>2010</b> , 33, 3767-73		7
2160	Colorimetric assay for determination of trimethylamine-nitrogen (TMA-N) in fish by combining headspace-single-drop microextraction and microvolume UV-vis spectrophotometry. <b>2010</b> , 119, 402-407		33
2159	Pesticides in water and the performance of the liquid-phase microextraction based techniques. A review. <b>2010</b> , 96, 225-237		101
2158	Evaluation of synergism in dispersive liquid-liquid microextraction for simultaneous preconcentration of some lanthanoids. <b>2010</b> , 151, 122-124		23
2157	Coacervative microextraction ultrasound-assisted back-extraction technique for determination of organophosphates pesticides in honey samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6334-41	4-5	54
2156	Evaluation of dispersive liquid-liquid microextraction for the simultaneous determination of chlorophenols and haloanisoles in wines and cork stoppers using gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7323-30	4-5	54
2155	Liquid-phase microextraction. <b>2010</b> , 29, 1-14		582
2154	Dispersive liquid-liquid microextraction for determination of organic analytes. <b>2010</b> , 29, 728-751		219
2153	Green analytical chemistry in the determination of organic pollutants in the aquatic environment. <b>2010</b> , 29, 1347-1362		112
2152	Supercritical fluid extraction combined with dispersive liquid-liquid microextraction as a sensitive and efficient sample preparation method for determination of organic compounds in solid samples. <b>2010</b> , 55, 161-168		54
2151	Development of a sequential injection dispersive liquid-liquid microextraction system for electrothermal atomic absorption spectrometry by using a hydrophobic sorbent material: determination of lead and cadmium in natural waters. <b>2010</b> , 668, 35-40		121
2150	Determination of the steroid hormone levels in water samples by dispersive liquid-liquid microextraction with solidification of a floating organic drop followed by high-performance liquid chromatography. <b>2010</b> , 662, 39-43		134
2149	A novel dual-valve sequential injection manifold (DV-SIA) for automated liquid-liquid extraction. Application for the determination of picric acid. <b>2010</b> , 666, 55-61		20
2148	Determination of polycyclic aromatic hydrocarbons in waters by ultrasound-assisted emulsification-microextraction and gas chromatography-mass spectrometry. <b>2010</b> , 665, 193-9		72
2147	Liquid-phase microextraction approaches combined with atomic detection: a critical review. <b>2010</b> , 669, 1-16		95

2146	Dispersive liquid-liquid microextraction based on the solidification of floating organic droplet for the determination of polychlorinated biphenyls in aqueous samples. <b>2010</b> , 674, 201-5		61
2145	Application of dispersive liquid-liquid microextraction and spectrophotometric detection to the rapid determination of rhodamine 6G in industrial effluents. <b>2010</b> , 674, 206-10		58
2144	Miniaturized salting-out liquid-liquid extraction of sulfonamides from different matrices. <b>2010</b> , 679, 74-80		76
2143	Laser induced-thermal lens spectrometry in combination with dispersive liquid-liquid microextraction for trace analysis. <b>2010</b> , 681, 56-62		22
2142	Optimization of ultrasound assisted-emulsification-dispersive liquid-liquid microextraction by experimental design methodologies for the determination of sulfur compounds in wines by gas chromatography-mass spectrometry. <b>2010</b> , 683, 126-35		62
2141	Determination of sulfonamides in swine muscle after salting-out assisted liquid extraction with acetonitrile coupled with back-extraction by a water/acetonitrile/dichloromethane ternary component system prior to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2358-64	4.5	32
2140	Dispersive liquid-liquid microextraction based on the solidification of floating organic drop followed by inductively coupled plasma-optical emission spectrometry as a fast technique for the simultaneous determination of heavy metals. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2358-64	4.5	140
2139	Evolution of dispersive liquid-liquid microextraction method. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2342-57	4.5	764
2138	Low-density extraction solvent-based solvent terminated dispersive liquid-liquid microextraction combined with gas chromatography-tandem mass spectrometry for the determination of carbamate pesticides in water samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 1244-8	4.5	185
2137	Dispersive liquid-liquid microextraction applied to isolation and concentration of alkylphenols and their short-chained ethoxylates in water samples. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 1761-6	4.5	58
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2135	Analysis of volatile aldehyde biomarkers in human blood by derivatization and dispersive liquid-liquid microextraction based on solidification of floating organic droplet method by high performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 2365-70	4.5	102
2134	Orthogonal array optimization of ultrasound-assisted emulsification-microextraction for the determination of chlorinated phenoxyacetic acids in river water. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 3467-72	4.5	36
2133	Determination of hydroxylated benzophenone UV filters in sea water samples by dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 4771-8	4.5	136
2132	A new 1,3-dibutylimidazolium hexafluorophosphate ionic liquid-based dispersive liquid-liquid microextraction to determine organophosphorus pesticides in water and fruit samples by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5013-20	4.5	89
2131	Ultrasound-assisted dispersive liquid-liquid microextraction for the determination of six pyrethroids in river water. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5152-7	4.5	79
2130	Determination of octylphenol and nonylphenol in aqueous sample using simultaneous derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 6762-8	4.5	69
2129	Extraction of pesticides in water samples using vortex-assisted liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 5868-71	4.5	82

2128	Molecular complex-based dispersive liquid-liquid microextraction: analysis of polar compounds in aqueous solution. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7010-6	4.5	73
2127	Optimization of dispersive liquid-liquid microextraction and improvement of detection limit of methyl tert-butyl ether in water with the aid of chemometrics. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7017-23	4.5	20
2126	Ferrofluid-based liquid-phase microextraction. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7311-5	4.5	27
2125	Optimisation of a dispersive liquid-liquid microextraction method for the simultaneous determination of halophenols and haloanisoles in wines. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7630-7	4.5	46
2124	Determination of preservatives by integrative coupling method of headspace liquid-phase microextraction and capillary zone electrophoresis. <i>Journal of Chromatography A</i> , <b>2010</b> , 1217, 7807-11	4.5	29
2123	Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop with High Performance Liquid Chromatography for Determination of Decabrominated Diphenyl Ether in Surficial Sediments. <b>2010</b> , 38, 62-66		19
2122	Developments in Liquid-phase Microextraction Method Based on Solidification of Floating Organic Drop. <b>2010</b> , 38, 1517-1522		27
2121	Benzimidazole Fungicides in Environmental Samples: Extraction and Determination Procedures. <b>2010</b> ,		2
2120	Determination of Antimony(III) and Total Antimony in Aqueous Samples by Electrothermal Atomic Absorption Spectrometry After Dispersive Liquid-Liquid Microextraction (DLLME). <b>2010</b> , 43, 2563-2571		31
2119	Determination of thiamphenicol in honey by dispersive liquid-liquid microextraction with high-performance liquid chromatography. <b>2010</b> , 48, 450-5		13
2118	Combination of Dispersive Liquid-Liquid Microextraction with Flame Atomic Absorption for Determination of Trace Ni and Co in Water Samples and Vitamin B12. <b>2010</b> , 57, 1346-1352		24
2117	Optimization of Dispersive Liquid-Liquid Microextraction (DLLME) Based on the Solidification of Floating Organic Drop (SFO) Coupled with Ultrasonic-Assisted Extraction (UAE) for the Extraction Recovery of Deca-Bromodiphenyl Ether (BDE-209) from Surficial Sediments. <b>2010</b> ,		
2116	Dispersive Liquid-Liquid Microextraction. <b>2010</b> ,		1
2115	Dispersive liquid-liquid microextraction based on ionic liquid in combination with high-performance liquid chromatography for the determination of bisphenol A in water. <b>2010</b> , 90, 880-890		20
2114	An Overview of Modern Extraction Techniques for the Determination of Organic Pollutants in Environmental Matrices: A Review. <b>2010</b> , 14, 2247-2267		6
2113	Use of Ionic Liquids in Microextraction Techniques. <b>2010</b> ,		1
2112	Liquid-Liquid Extraction of Low-Concentration Aniline from Aqueous Solutions with Salts. <b>2010</b> , 49, 2581-2588		15
2111	Simultaneous determination of four phthalate esters in bottled water using ultrasound-assisted dispersive liquid-liquid microextraction followed by GC-FID detection. <b>2010</b> , 135, 2585-90		55

2110	Dispersive liquid phase micro-extraction of aromatic amines in environmental water samples. <b>2010</b> , 90, 1099-1107	10
2109	Development of dispersive liquid-phase microextraction based on new ionic liquid 1,3-diisooctylimidazolium hexafluorophosphate as solvent for the extraction and determination of dicofol and its degradation products in water samples. <b>2010</b> , 90, 856-868	13
2108	Dispersive liquid-liquid microextraction combined with high performance liquid chromatography-DAD detection for the determination of sulfonylurea herbicides in water samples. <b>2010</b> , 90, 891-902	24
2107	Vortex-assisted liquid-liquid microextraction of octylphenol, nonylphenol and bisphenol-A. <b>2010</b> , 80, 2057-62	278
2106	Combination of ionic liquid-based dispersive liquid-liquid micro-extraction with stopped-flow spectrofluorometry for the pre-concentration and determination of aluminum in natural waters, fruit juice and food samples. <b>2010</b> , 81, 778-85	72
2105	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. <b>2010</b> , 81, 1360-7	137
2104	Ultrasound-assisted leaching-dispersive solid-phase extraction followed by liquid-liquid microextraction for the determination of polybrominated diphenyl ethers in sediment samples by gas chromatography-tandem mass spectrometry. <b>2010</b> , 82, 359-66	54
2103	Temperature-assisted ionic liquid dispersive liquid-liquid microextraction combined with high performance liquid chromatography for the determination of anthraquinones in Radix et Rhizoma Rhei samples. <b>2010</b> , 82, 1010-6	76
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2101	A novel approach in dispersive liquid-liquid microextraction based on the use of an auxiliary solvent for adjustment of density UV-VIS spectrophotometric and graphite furnace atomic absorption spectrometric determination of gold based on ion pair formation. <b>2010</b> , 82, 1958-64	63
2100	Optimization of temperature-controlled ionic liquid dispersive liquid phase microextraction combined with high performance liquid chromatography for analysis of chlorobenzenes in water samples. <b>2010</b> , 83, 36-41	56
2099	Quantification of free and total bisphenol A and bisphenol B in human urine by dispersive liquid-liquid microextraction (DLLME) and heart-cutting multidimensional gas chromatography-mass spectrometry (MD-GC/MS). <b>2010</b> , 83, 117-25	151
2098	Determination of alkylphenols in eluates from pyrolysis solid residues using dispersive liquid-liquid microextraction. <b>2010</b> , 79, 1026-32	20
2097	Application of dispersive liquid-liquid microextraction and reversed phase-high performance liquid chromatography for the determination of two fungicides in environmental water samples. <b>2010</b> , 90, 845-855	25
2096	Extraction and analysis of auxins in plants using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography with fluorescence detection. <b>2010</b> , 58, 2763-70	90
2095	Application of dispersive liquid-liquid microextraction combined with sweeping micellar electrokinetic chromatography for trace analysis of six carbamate pesticides in apples. <b>2010</b> , 2, 54-62	56
2094	Determination of organochlorine pesticides in river water using dispersive liquid-liquid microextraction and gas chromatography-electron capture detection. <b>2010</b> , 90, 869-879	23
2093	Simultaneous determination of aluminum, copper, iron and zinc in <i>Oscillatoria</i> , <i>Juncus littoralis</i> tissues and wetland water samples by ultrasound-assisted emulsification-microextraction combined with ICP-OES. <b>2011</b> , 3, 2936	15

2092	Analysis of benzophenones in environmental water samples after topical skin application using dispersive liquid-liquid microextraction and micellar electrokinetic capillary chromatography. <b>2011</b> , 3, 2848	8
2091	Supramolecular-based dispersive liquid-liquid microextraction: determination of cadmium in water and vegetable samples. <b>2011</b> , 3, 1552	41
2090	Pre-concentration procedure using dispersive liquid-liquid microextraction for the determination of bismuth by flame atomic absorption spectrometry. <b>2011</b> , 26, 2064	25
2089	Optimization of dispersive liquid-liquid microextraction for analysis of levonorgestrel in water samples using uniform design. <b>2011</b> , 3, 857	14
2088	Spectrofluorimetric method for monitoring fluorene in rivers. <b>2011</b> , 3, 1323	1
2087	A novel methodology based on solvents less dense than through dispersive liquid-liquid microextraction: application in quantitation of in fruit juices and soft drinks by fiber optic-linear array detection spectrophotometry. <b>2011</b> , 3, 724-730	9
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2085	A novel droplet sensor based on liquid-phase microextraction for on-line aluminum analysis. <b>2011</b> , 3, 2273	3
2084	Dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometry for determination of cadmium in environmental, water and food samples. <b>2011</b> , 3, 1652	34
2083	Determination of nitrobenzenes and nitrochlorobenzenes in water samples using dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry. <b>2011</b> , 3, 2254	8
2082	. <b>2011</b> , 11, 3400-3405	23
2081	Determination of triazine herbicides in environmental samples by dispersive liquid-liquid microextraction coupled with high performance liquid chromatography. <b>2011</b> , 49, 689-94	32
2080	Determination of Amitraz in the Honey Samples by Dispersive Liquid-Liquid Microextraction Followed by Gas Chromatography-Flame Ionization Detection. <b>2011</b> , 02, 632-637	3
2079	Preconcentration and determination of pyrethroid insecticides in with ionic liquid dispersive liquid-phase microextraction in combination with high performance liquid chromatography. <b>2011</b> , 3, 356-361	30
2078	Ionic liquid/ionic liquid dispersive liquid-liquid microextraction, a new sample enrichment procedure for the determination of hexabromocyclododecane diastereomers in environmental water samples. <b>2011</b> , 3, 831	34
2077	CHAPTER 5:Miniaturization of Analytical Methods. <b>2011</b> , 107-143	1
2076	Simultaneous analysis of phthalate esters and pyrethroid insecticides in water samples by temperature-controlled ionic liquid dispersive liquid-phase microextraction combined with high-performance liquid chromatography. <b>2011</b> , 3, 1815	28
2075	Molecularly imprinted solid-phase extraction combined with ultrasound-assisted dispersive liquid-liquid microextraction for the determination of four Sudan dyes in sausage samples. <b>2011</b> , 136, 2629-34	55



2074	Single-drop microextraction in bioanalysis. <b>2011</b> , 3, 799-815	35
2073	A new method based on headspace adsorptive accumulation using a carboxylated multi-walled carbon nanotubes modified electrode: application for trace determination of nitrobenzene and nitrotoluene in water and wastewater. <b>2011</b> , 3, 2593	21
2072	Design and evaluation of synthetic silica-based monolithic materials in shrinkable tube for efficient protein extraction. <b>2011</b> , 136, 4321-7	13
2071	Modified dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for the determination of clenbuterol in swine urine. <b>2011</b> , 28, 1006-12	16
2070	Electric field-driven extraction of lipophilic anions across a carrier-mediated polymer inclusion membrane. <b>2011</b> , 83, 7507-13	60
2069	Recent advances in applications of single-drop microextraction: a review. <b>2011</b> , 706, 37-65	156
2068	Dispersive suspended microextraction. <b>2011</b> , 706, 268-74	18
2067	Ionic liquid-based microwave-assisted dispersive liquid-liquid microextraction and derivatization of sulfonamides in river water, honey, milk, and animal plasma. <b>2011</b> , 707, 92-9	105
2066	Comparison of dispersive liquid-liquid microextraction and the modified QuEChERS method for the determination of fipronil in honey by high performance liquid chromatography with diode-array detection. <b>2011</b> , 3, 1893	29
2065	Sample treatments based on dispersive (micro)extraction. <b>2011</b> , 3, 1719	66
2064	Simultaneous determination of six phthalate esters in bottled milks using ultrasound-assisted dispersive liquid-liquid microextraction coupled with gas chromatography. <b>2011</b> , 879, 2507-12	79
2063	Extraction and determination of opium alkaloids in urine samples using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <b>2011</b> , 879, 2978-83	71
2062	Ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction coupled with high performance liquid chromatography for sensitive determination of trace celastrol in urine. <b>2011</b> , 879, 3429-33	45
2061	Improvement and validation the method using dispersive liquid-liquid microextraction with in situ derivatization followed by gas chromatography-mass spectrometry for determination of tricyclic antidepressants in human urine samples. <b>2011</b> , 879, 3714-20	66
2060	Isolation, preconcentration and determination of rhamnolipids in aqueous samples by dispersive liquid-liquid microextraction and liquid chromatography with tandem mass spectrometry. <b>2011</b> , 83, 744-50	31
2059	A new device for magnetic stirring-assisted dispersive liquid-liquid microextraction of UV filters in environmental water samples. <b>2011</b> , 83, 1711-5	127
2058	Sequential injection dispersive liquid-liquid microextraction based on fatty alcohols and poly(etheretherketone)-turnings for metal determination by flame atomic absorption spectrometry. <b>2011</b> , 84, 1215-20	59
2057	A dispersive liquid-liquid microextraction procedure for determination of boron in water after ultrasound-assisted conversion to tetrafluoroborate. <b>2011</b> , 85, 541-5	38

2056	Directly suspended droplet microextraction in combination with microvolume UV-vis spectrophotometry for determination of phosphate. <b>2011</b> , 85, 1100-4	31
2055	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. <b>2011</b> , 85, 1135-42	28
2054	Ion pair-based liquid-phase microextraction combined with cuvetteless UV-vis micro-spectrophotometry as a miniaturized assay for monitoring ammonia in waters. <b>2011</b> , 85, 1448-52	10
2053	Determination of bisphenol A, 4-n-nonylphenol, and 4-tert-octylphenol by temperature-controlled ionic liquid dispersive liquid-phase microextraction combined with high performance liquid chromatography-fluorescence detector. <b>2011</b> , 85, 1598-602	107
2052	Dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for the determination of nitro musks in surface water and wastewater samples. <b>2011</b> , 85, 1990-5	29
2051	Determination of nitroaromatic explosives in water samples by direct ultrasound-assisted dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <b>2011</b> , 85, 2546-52	50
2050	Determination of formaldehyde in beverages using microwave-assisted derivatization and ionic liquid-based dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <b>2011</b> , 85, 2632-8	86
2049	Rapid determination of pyridine derivatives by dispersive liquid-liquid microextraction coupled with gas chromatography/gas sensor based on nanostructured conducting polypyrrole. <b>2011</b> , 87, 249-54	21
2048	Simultaneous determination of bisphenol A and bisphenol B in beverages and powdered infant formula by dispersive liquid-liquid micro-extraction and heart-cutting multidimensional gas chromatography-mass spectrometry. <b>2011</b> , 28, 513-26	95
2047	Determination of nalidixic acid using dispersive liquid-liquid microextraction followed by HPLC-UV. <b>2011</b> , 23, 567-577	6
2046	Speciation of mercury in liquid cosmetic samples by ionic liquid based dispersive liquid-liquid microextraction combined with high-performance liquid chromatography-inductively coupled plasma mass spectrometry. <b>2011</b> , 26, 1380	56
2045	Sensitive determination of in , beverage and cereal samples by a novel liquid-phase microextraction coupled with flame atomic absorption spectrometry. <b>2011</b> , 3, 210-216	35
2044	Sample Preparation in the Analysis of Pesticides Residue in Food by Chromatographic Techniques. <b>2011</b> ,	
2043	Current Trends in Liquid-Liquid Microextraction for Analysis of Pesticide Residues in Food and Water. <b>2011</b> ,	
2042	Ionic Liquids as Extraction Media for Metal Ions. <b>2011</b> , 22, 73-80	6
2041	Analytical Methods for Viable and Rapid Determination of Organochlorine Pesticides in Water and Soil Samples. <b>2011</b> ,	2
2040	Flame Atomic Absorption Determination of Trace Amounts of Cadmium After Preconcentration Using a Thiol-Containing Task-Specific Ionic Liquid. <b>2011</b> , 94, 959-967	22
2039	Chelate Extraction of Metals into Ionic Liquids. <b>2011</b> , 18, 1-14	36

2038	IL-USA-DLLME Method to Simultaneously Extract and Determine Four Phenylurea Herbicides in Water Samples. <b>2011</b> , 7, 357-364		12
2037	Evaluation of dispersive liquid-liquid microextraction coupled with gas chromatography-microelectron capture detection (GC- $\mu$ ECD) for the determination of organochlorine pesticides in water samples. <b>2011</b> , 27, 547		19
2036	Reversed-phase dispersive liquid-liquid microextraction with multivariate optimization for sensitive HPLC determination of tyrosol and hydroxytyrosol in olive oil. <b>2011</b> , 27, 943-7		26
2035	Identification of dimethoate-containing water using partitioned dispersive liquid-liquid microextraction coupled with near-infrared spectroscopy. <b>2011</b> , 131, 977-83		3
2034	Rapid and sensitive determination of benzaldehyde arising from benzyl alcohol used as preservative in an injectable formulation solution using dispersive liquid-liquid microextraction followed by gas chromatography. <b>2011</b> , 27, 865-8		16
2033	Ultrasound-Assisted Emulsification Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Droplet for Separation of Trace Gold Prior to Flame Atomic Absorption Spectroscopy Determination. <b>2011</b> , 02, 243-249		1
2032	Dispersive liquid-liquid microextraction. <b>2011</b> , 30, 1382-1399		306
2031	Spectrophotometric determination of iron species using a combination of artificial neural networks and dispersive liquid-liquid microextraction based on solidification of floating organic drop. <b>2011</b> , 197, 176-82		46
2030	Simultaneous determination of different endogenetic plant growth regulators in common green seaweeds using dispersive liquid-liquid microextraction method. <b>2011</b> , 49, 1259-63		89
2029	Removal and biodegradation of nonylphenol by different <i>Chlorella</i> species. <b>2011</b> , 63, 445-51		76
2028	Removal and biodegradation of nonylphenol by immobilized <i>Chlorella vulgaris</i> . <b>2011</b> , 102, 10230-8		51
2027	Growth, photosynthesis and antioxidant responses of two microalgal species, <i>Chlorella vulgaris</i> and <i>Selenastrum capricornutum</i> , to nonylphenol stress. <b>2011</b> , 82, 346-54		83
2026	Application of dispersive liquid-liquid microextraction for the determination of aflatoxins B1, B2, G1 and G2 in cereal products. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7648-54	4.5	85
2025	Liquid phase microextraction applications in food analysis. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7415-37	4.5	150
2024	Electromembrane extraction of amino acids from body fluids followed by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 6248-55	4.5	108
2023	Extraction of pesticides, dioxin-like PCBs and PAHs in water based commodities using liquid-liquid microextraction and analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 6780-91	4.5	36
2022	Dispersive liquid-liquid microextraction using non-chlorinated, lighter than water solvents for gas chromatography-mass spectrometry determination of fungicides in wine. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 6603-11	4.5	47
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2020	Vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7071-7	4.5	64
2019	Ultrasound-assisted emulsification-microextraction for the sensitive determination of Brett character responsible compounds in wines. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 8975-81	4.5	23
2018	Development of multiwalled carbon nanotubes based micro-solid-phase extraction for the determination of trace levels of sixteen polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 9321-7	4.5	85
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2016	Trace Analysis of Methyl Tert-butyl Ether in Water Samples Using New Ultrasound-assisted Dispersive Liquid-liquid Microextraction and Gas Chromatography-flame Ionization Detection. <b>2011</b> , 58, 332-339		9
2015	Dispersive Liquid-Liquid Microextraction Followed by HPLC-DAD as an Efficient and Sensitive Technique for the Determination of Patulin from Apple Juice and Concentrate Samples. <b>2011</b> , 58, 340-345		13
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2013	Chapter 4:Green Sample Preparation Methods. <b>2011</b> , 63-106		4
2012	Chapter 9:Green Analytical Chemistry in the Determination of Organic Pollutants in the Environment. <b>2011</b> , 224-285		0
2011	Liquid-phase microextraction preconcentration of impurities. <b>2011</b> , 66, 331-350		31
2010	Indium determination and preconcentration using fiber optic linear array detection spectrometry combined with dispersive liquid-liquid micro extraction. <b>2011</b> , 66, 924-929		12
2009	Optimization and determination of Cd (II) in different environmental water samples with dispersive liquid-liquid microextraction preconcentration combined with inductively coupled plasma optical emission spectrometry. <b>2011</b> , 177, 115-25		22
2008	Rapid determination of 226Ra in drinking water samples using dispersive liquid-liquid microextraction coupled with liquid scintillation counting. <b>2011</b> , 290, 415-425		5
2007	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. <b>2011</b> , 172, 465-470		66
2006	Dispersive liquid-liquid microextraction based on solidification of floating organic droplet method for the determination of diethofencarb and pyrimethanil in aqueous samples. <b>2011</b> , 172, 51-55		35
2005	New method for microextraction of ultra trace quantities of gold in real samples using ultrasound-assisted emulsification of solidified floating organic drops. <b>2011</b> , 173, 249-257		38
2004	SupramolecularBased dispersive liquid-liquid microextraction: A novel sample preparation technique for determination of inorganic species. <b>2011</b> , 173, 353-359		34
2003	Ultratrace determination of carbamate pesticides in water samples by temperature controlled ionic liquid dispersive liquid phase microextraction combined with high performance liquid phase chromatography. <b>2011</b> , 173, 477-483		32

2002	Determination of triclosan and triclocarban in environmental water samples with ionic liquid/ionic liquid dispersive liquid-liquid microextraction prior to HPLC-ESI-MS/MS. <b>2011</b> , 174, 145-151	52
2001	In-situ ionic liquid-dispersive liquid-liquid microextraction method to determine endocrine disrupting phenols in seawaters and industrial effluents. <b>2011</b> , 174, 213-222	55
2000	Modified ionic liquid cold-induced aggregation dispersive liquid-liquid microextraction followed by atomic absorption spectrometry for trace determination of zinc in water and food samples. <b>2011</b> , 175, 159-165	40
1999	Determination of phenolic compounds in water samples by HPLC following ionic liquid dispersive liquid-liquid microextraction and cold-induced aggregation. <b>2011</b> , 175, 341-346	36
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1990	Dispersive liquid-phase microextraction using ionic liquid as extractant for the enrichment and determination of DDT and its metabolites in environmental water samples. <b>2011</b> , 399, 1287-93	30
1989	Dispersive liquid-liquid microextraction based on the solidification of a floating organic droplet for simultaneous analysis of diethofencarb and pyrimethanil in apple pulp and peel. <b>2011</b> , 399, 1901-6	61
1988	Use of dispersive liquid-liquid microextraction for the determination of carbamates in juice samples by sweeping-micellar electrokinetic chromatography. <b>2011</b> , 400, 1329-38	66
1987	Development of a new three-phase membrane-assisted liquid-phase microextraction method: determination of nitrite in tap water samples as model analytical application. <b>2011</b> , 400, 595-601	11
1986	Task-specific microextractions using ionic liquids. <b>2011</b> , 400, 1613-8	26
1985	Comparison of dispersive liquid-liquid microextraction and hollow fiber liquid-liquid-liquid microextraction for the determination of fentanyl, alfentanil, and sufentanil in water and biological fluids by high-performance liquid chromatography. <b>2011</b> , 400, 2149-58	56

1984	Determination of some sulfonylurea herbicides in soil by a novel liquid-phase microextraction combined with sweeping micellar electrokinetic chromatography. <b>2011</b> , 401, 1071-81		44
1983	Comparison of different sample treatments for the analysis of ochratoxin A in wine by capillary HPLC with laser-induced fluorescence detection. <b>2011</b> , 401, 2987-94		30
1982	Simultaneous separation/preconcentration of ultra trace heavy metals in industrial wastewaters by dispersive liquid-liquid microextraction based on solidification of floating organic drop prior to determination by graphite furnace atomic absorption spectrometry. <b>2011</b> , 186, 1739-43		149
1981	Determination of lead in environmental waters with dispersive liquid-liquid microextraction prior to atomic fluorescence spectrometry. <b>2011</b> , 189, 48-53		102
1980	Ultrasound-assisted dispersive liquid-liquid microextraction for determination of fluoroquinolones in pharmaceutical wastewater. <b>2011</b> , 54, 53-7		108
1979	Determination of clenbuterol in porcine tissues using solid-phase extraction combined with ultrasound-assisted dispersive liquid-liquid microextraction and HPLC-UV detection. <b>2011</b> , 879, 90-4		87
1978	Separation of trace amount of silver using dispersive liquid-liquid based on solidification of floating organic drop microextraction. <b>2011</b> , 684, 45-9		38
1977	Determination of phthalate esters in water samples by ionic liquid cold-induced aggregation dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography. <b>2011</b> , 689, 137-42		110
1976	Selective extraction of emerging contaminants from water samples by dispersive liquid-liquid microextraction using functionalized ionic liquids. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 1556-66	4-5	97
1975	A new strategy to simultaneous microextraction of acidic and basic compounds. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3945-51	4-5	45
1974	Low-density solvent-based solvent demulsification dispersive liquid-liquid microextraction for the fast determination of trace levels of sixteen priority polycyclic aromatic hydrocarbons in environmental water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 5040-6	4-5	140
1973	Development of dispersive liquid-liquid microextraction based on solidification of floating organic drop for the determination of trace nickel. <b>2011</b> , 144, 1381-93		23
1972	Dispersive Solid-Phase Extraction Clean-up Combined with Dispersive Liquid-Liquid Microextraction for the Determination of Neonicotinoid Insecticides in Vegetable Samples by High-Performance Liquid Chromatography. <b>2011</b> , 4, 559-566		69
1971	Dispersive liquid-liquid microextraction combined with high-performance liquid chromatography for the determination of clozapine and chlorpromazine in urine. <b>2011</b> , 31, 277-284		13
1970	Quantitation of antioxidants in water samples using ionic liquid dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-ultraviolet detection. <b>2011</b> , 34, 77-82		19
1969	Tandem use of solid-phase extraction and dispersive liquid-liquid microextraction for the determination of mononitrotoluenes in aquatic environment. <b>2011</b> , 34, 1035-40		11
1968	Orthogonal array design for the optimization of ionic liquid-based dispersive liquid-liquid microextraction of benzophenone-type UV filters. <b>2011</b> , 34, 700-6		57
1967	Dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography-diode array detection for the determination of N-methyl carbamate pesticides in vegetables. <b>2011</b> , 34, 202-9		41

1966	Analyses of polychlorinated biphenyls in waters and wastewaters using vortex-assisted liquid-liquid microextraction and gas chromatography-mass spectrometry. <b>2011</b> , 34, 574-84	48
1965	Dynamic three-phase hollow fiber microextraction based on two immiscible organic solvents with automated movement of the acceptor phase. <b>2011</b> , 34, 98-106	18
1964	Supramolecular-based dispersive liquid-liquid microextraction: a novel sample preparation technique utilizes coacervates and reverse micelles. <b>2011</b> , 34, 455-61	50
1963	Improved solvent collection system for a dispersive liquid-liquid microextraction of organochlorine pesticides from water using low-density organic solvent. <b>2011</b> , 34, 837-43	32
1962	Electromembrane extraction of levamisole from human biological fluids. <b>2011</b> , 34, 585-93	58
1961	Ionic liquid/ionic liquid dispersive liquid-liquid microextraction. <b>2011</b> , 34, 830-6	52
1960	Ultrasound-assisted emulsification microextraction based on solidification of floating organic droplet combined with HPLC-UV for the analysis of antidepressant drugs in biological samples. <b>2011</b> , 34, 1275-82	54
1959	Extraction and preconcentration technique for triazole pesticides from cow milk using dispersive liquid-liquid microextraction followed by GC-FID and GC-MS determinations. <b>2011</b> , 34, 1309-16	52
1958	Validated dispersive liquid-liquid microextraction for analysis of organophosphorous pesticides in water. <b>2011</b> , 34, 1326-32	20
1957	Analysis of abuse drugs in urine using surfactant-assisted dispersive liquid-liquid microextraction. <b>2011</b> , 34, 1722-9	42
1956	Rapid analysis of aldehydes by simultaneous microextraction and derivatization followed by GC-MS. <b>2011</b> , 34, 1607-12	20
1955	Optimization of simultaneous derivatization and extraction of aliphatic amines in water samples with dispersive liquid-liquid microextraction followed by HPLC. <b>2011</b> , 34, 2719-25	46
1954	Using dispersive liquid-liquid microextraction and liquid chromatography for determination of guaifenesin enantiomers in human urine. <b>2011</b> , 34, 2933-9	12
1953	Determination of insecticides in water using in situ halide exchange reaction-assisted ionic liquid dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <b>2011</b> , 34, 3178-85	36
1952	Simultaneous determination of tetrahydropalmatine and tetrahydroberberine in rat urine using dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography. <b>2011</b> , 34, 3279-86	13
1951	Dispersive liquid-liquid microextraction coupled with capillary electrophoresis for simultaneous determination of sulfonamides with the aid of experimental design. <b>2011</b> , 32, 2131-8	73
1950	Surfactant Enhance DLLME/FO-LADS: Assay of Malachite Green Level in Aquatic Environment of Trout Fish. <b>2011</b> , 39, 83-87	17
1949	Development of Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop for the Determination of Trace Lead in Water. <b>2011</b> , 39, 1095-1098	9

1948	Sample preparation method for the analysis of some organophosphorus pesticides residues in tomato by ultrasound-assisted solvent extraction followed by dispersive liquid-liquid microextraction. <b>2011</b> , 126, 1840-4		142
1947	Trace determination of hexabromocyclododecane diastereomers in water samples with temperature controlled ionic liquid dispersive liquid phase microextraction. <b>2011</b> , 22, 97-100		19
1946	Determination of geosmin and 2-methylisoborneol in water and wine samples by ultrasound-assisted dispersive liquid-liquid microextraction coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 17-22	4.5	68
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1943	Optimized ultrasonic assisted extraction-dispersive liquid-liquid microextraction coupled with gas chromatography for determination of essential oil of <i>Oliveria decumbens</i> Vent. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 4593-8	4.5	71
1942	A novel method of ultrasound-assisted dispersive liquid-liquid microextraction coupled to liquid chromatography-mass spectrometry for the determination of trace organoarsenic compounds in edible oil. <b>2011</b> , 690, 221-7		55
1941	Determination of N-methylcarbamate insecticides in water samples using dispersive liquid-liquid microextraction and HPLC with the aid of experimental design and desirability function. <b>2011</b> , 699, 113-9		98
1940	Application of an ultrasound-assisted surfactant-enhanced emulsification microextraction method for the analysis of diethofencarb and pyrimethanil fungicides in water and fruit juice samples. <b>2011</b> , 701, 86-91		62
1939	Analysis of pesticides by gas chromatography/multiphoton ionization/mass spectrometry using a femtosecond laser. <b>2011</b> , 701, 52-9		26
1938	Speciation analysis of mercury in water samples using dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <b>2011</b> , 702, 50-5		97
1937	Combination of dispersive liquid-liquid microextraction and flame atomic absorption spectrometry for preconcentration and determination of copper in water samples. <b>2011</b> , 266, 238-243		84
1936	Development of a dispersive liquid-liquid microextraction method for the simultaneous determination of the main compounds causing cork taint and Brett character in wines using gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 1576-84	4.5	55
1935	Determination of volatile nitrosamines in meat products by microwave-assisted extraction and dispersive liquid-liquid microextraction coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 1815-21	4.5	85
1934	Effective indirect enrichment and determination of nitrite ion in water and biological samples using ionic liquid-dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3595-600	4.5	80
1933	Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by high-performance liquid chromatography with ultraviolet detection and liquid chromatography-tandem mass spectrometry for the determination of triclosan and 2,4-dichlorophenol in water samples. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3830-6	4.5	88
1932	Salt-assisted liquid-liquid microextraction for the determination of iodine in table salt by high-performance liquid chromatography-diode array detection. <b>2011</b> , 124, 1741-1746		42
1931	Application of dispersive liquid-liquid microextraction and CE with UV detection for the chiral separation and determination of the multiple illicit drugs on forensic samples. <b>2011</b> , 209, 42-7		42



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1929	Optimization of ultrasound-assisted emulsification microextraction with solidification of floating organic droplet followed by high performance liquid chromatography for the analysis of phthalate esters in cosmetic and environmental water samples. <b>2011</b> , 99, 26-33	78
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1926	Ultra-sensitive determination of cadmium in rice and water by UV-vis spectrophotometry after single drop microextraction. <b>2011</b> , 79, 508-12	37
1925	Speciation of mercury in water samples by dispersive liquid-liquid microextraction combined with high performance liquid chromatography-inductively coupled plasma mass spectrometry. <b>2011</b> , 66, 88-92	104
1924	Combination of supercritical fluid extraction with dispersive liquid-liquid microextraction for extraction of organophosphorus pesticides from soil and marine sediment samples. <b>2011</b> , 57, 219-226	73
1923	Application of new approaches to liquid-phase microextraction for the determination of emerging pollutants. <b>2011</b> , 30, 731-748	103
1922	Rapid and sensitive determination of biphenyl and biphenyl oxide in water samples using dispersive liquid-liquid microextraction followed by gas chromatography. <b>2011</b> , 91, 516-524	17
1921	Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop Followed by Gas Chromatography-Electron Capture Detector for Determination of Some Pesticides in Water Samples. <b>2011</b> , 2011, 1-8	2
1920	Determination of some organophosphorus and azole group pesticides in water samples by dispersive liquid-liquid microextraction coupled with GC/MS. <b>2011</b> , 94, 1882-90	7
1919	Ionic liquid-based microextraction: A sample pretreatment technique for chromatographic analysis. <b>2011</b> , 2, 282-288	12
1918	Trace determination of malachite green in water samples using dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography-diode array detection. <b>2012</b> , 92, 1026-1035	14
1917	Determination of Polycyclic Aromatic Hydrocarbons in Water Using Nanoporous Material Prepared from Waste Avian Egg Shell. <b>2012</b> , 2012, 1-7	15
1916	Dispersive Liquid-Liquid Microextraction Coupled with Gas Chromatography for the Determination of Orthochlorophenol in Environmental Water Samples. <b>2012</b> , 518-523, 1379-1382	
1915	Application of liquid phase microextraction based on solidification of floating organic drop for the determination of triazine herbicides in soil samples by gas chromatography with flame photometric detection. <b>2012</b> , 92, 1563-1573	8
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1912	Application of Chemometrics Methods for the Simultaneous Determination of Zinc and Copper after Preconcentration and Separation by Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop Coupled to Flow Injection Spectrophotometry. <b>2012</b> , 8, 373-381	9
1911	Spectrophotometric determination of mercury in water samples after preconcentration using dispersive liquid-liquid microextraction. <b>2012</b> , 95, 227-31	8
1910	Recent Advances in Dispersive Liquid - Liquid Microextraction for Organic Compounds Analysis in Environmental Water: A Review. <b>2012</b> , 8, 78-90	75
1909	Use of dispersive liquid-phase microextraction to fast determination of aromatic hydrocarbons traces in water samples. <b>2012</b> ,	
1908	Determination of Trace Amounts of Cr(III) in Water Samples by Flame Atomic Absorption Spectrometry. <b>2012</b> , 8, 543-549	3
1907	Microextraction Technique for Determination of Aromatic Pollutant in Environmental Samples. <b>2012</b> ,	
1906	Determination of log P by dispersive liquid/liquid microextraction coupled with derivatized magnetic nanoparticles predisposed in 1-octanol phase. <b>2012</b> , 28, 589-94	3
1905	Generalized Shear Deformation Theory for Bending of Inhomogeneous Beams. <b>2012</b> , 6, 351-360	
1904	Dispersive enhancement in liquid-liquid microextraction by dual supramolecular role of nano-baskets. <b>2012</b> , 24, 255-263	19
1903	Trace determination of dichlorvos in environmental samples by room temperature ionic liquid-based dispersive liquid-phase microextraction combined with HPLC. <b>2012</b> , 50, 702-8	10
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1901	Analysis of losartan and carvedilol in urine and plasma samples using a dispersive liquid-liquid microextraction isocratic HPLC-UV method. <b>2012</b> , 4, 2805-21	32
1900	Use of Unconventional Solvents for Sample Preparation in Environmental Analysis. <b>2012</b> , 943-970	1
1899	Determination of endocrine-disrupting phenols in water samples by a new manual shaking-enhanced, ultrasound-assisted emulsification microextraction method. <b>2012</b> , 137, 2143-50	19
1898	Recent advances in liquid microextraction techniques coupled with MS for determination of small-molecule drugs in biological samples. <b>2012</b> , 4, 725-39	10
1897	Dispersive liquid-liquid microextraction using extraction solvents lighter than water combined with high performance liquid chromatography for determination of synthetic antioxidants in fruit juice samples. <b>2012</b> , 27, 87-94	39
1896	Development, validation and comparison of two microextraction techniques for the rapid and sensitive determination of pregabalin in urine and pharmaceutical formulations after ethyl chloroformate derivatization followed by gas chromatography-mass spectrometric analysis. <b>2012</b> , 70, 310-9	41
1895	Recent advances in enrichment techniques for trace analysis in capillary electrophoresis. <b>2012</b> , 33, 2933-52	86

1894	Recent developments and applications of liquid phase microextraction in fruits and vegetables analysis. <b>2012</b> , 35, 3540-53		43
1893	XV International Symposium on Luminescence Spectrometry [Biophysical and Analytical Aspects, Extended Abstracts, 19-22 June 2012, Barcelona, Spain - (ISLS 2012). <b>2012</b> , 27, 534-572		4
1892	Developing an alcoholic-assisted dispersive liquid-liquid microextraction for extraction of pentachlorophenol in water. <b>2012</b> , 35, 3375-80		9
1891	Chemometrics assisted dispersive liquid-liquid microextraction for quantification of seven UV filters in urine samples by HPLC-DAD. <b>2012</b> , 35, 3575-85		8
1890	Sequential dispersive liquid-liquid microextraction for the determination of aryloxyphenoxy-propionate herbicides in water. <b>2012</b> , 35, 3389-95		38
1889	Extraction of vanadyl porphyrins in crude oil by inclusion dispersive liquid-liquid microextraction and nano-baskets of calixarene. <b>2012</b> , 74, 183-189		28
1888	Trace determination of linear alkylbenzene sulfonates using ionic liquid based ultrasound-assisted dispersive liquid-liquid microextraction and response surface methodology. <b>2012</b> , 4, 2272		16
1887	Investigation of the ultrasound effect and target analyte selectivity of dispersive liquid-liquid microextraction and its application to a quinocetone pharmacokinetic study. <i>Journal of Chromatography A</i> , <b>2012</b> , 1268, 1-8	4-5	16
1886	Agarose film liquid phase microextraction combined with gas chromatography-mass spectrometry for the determination of polycyclic aromatic hydrocarbons in water. <i>Journal of Chromatography A</i> , <b>2012</b> , 1262, 43-8	4-5	21
1885	Ultrasound-assisted extraction followed by dispersive liquid-liquid microextraction before gas chromatography-mass spectrometry for the simultaneous determination of flavouring compounds in tobacco additives. <b>2012</b> , 4, 995		14
1884	Determination of benfothiamine in nutraceuticals using dispersive liquid-liquid microextraction coupled to liquid chromatography. <b>2012</b> , 4, 2759		2
1883	Solid-phase extraction combined with dispersive liquid-liquid microextraction as an efficient and simple method for the determination of carbamazepine in biological samples. <b>2012</b> , 4, 2887		17
1882	Extraction and determination of biphenyl and biphenyl oxide in water samples by using ultrasound-assisted emulsification microextraction-gas chromatography-flame ionization detection. <b>2012</b> , 4, 2062		1
1881	DISPERSIVE LIQUID-LIQUID MICROEXTRACTION FOLLOWED BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY AS AN EFFICIENT AND SENSITIVE TECHNIQUE FOR THE SIMULTANEOUS DETERMINATION OF ALPRAZOLAM, OXAZEPAM, AND DIAZEPAM IN HUMAN URINE SAMPLES. <b>2012</b> , 35, 368-373		13
1880	Dispersive Liquid-Liquid Microextraction Coupled to Gas Chromatography-Electron Capture Detection for the Analysis of Trihalomethane Formation Potential. <b>2012</b> , 45, 2198-2209		4
1879	Determination of ppb-level phenol index using in-syringe dispersive liquid-liquid microextraction and liquid waveguide capillary cell spectrophotometry. <b>2012</b> , 179, 91-98		23
1878	SOLID-PHASE EXTRACTION FOLLOWED BY DISPERSIVE LIQUID-LIQUID MICROEXTRACTION FOR THE SENSITIVE DETERMINATION OF CARBAMATES IN ENVIRONMENTAL WATER BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <b>2012</b> , 35, 2860-2872		2
1877	Fully-automated fluorimetric determination of aluminum in seawater by in-syringe dispersive liquid-liquid microextraction using lumogallion. <b>2012</b> , 84, 9462-9		46

1876	Optimization of supercritical fluid extraction combined with dispersive liquid-liquid microextraction as an efficient sample preparation method for determination of 4-nitrotoluene and 3-nitrotoluene in a complex matrix. <b>2012</b> , 88, 50-3	29
1875	Determination of six pyrethroid insecticides in fruit juice samples using dispersive liquid-liquid microextraction combined with high performance liquid chromatography. <b>2012</b> , 88, 209-15	102
1874	Simultaneous determination of four synthesized metabolites of mequindox in urine samples using ultrasound-assisted dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <b>2012</b> , 88, 330-7	24
1873	Arsenic speciation in environmental samples by hydride generation and electrothermal atomic absorption spectrometry. <b>2012</b> , 88, 30-42	83
1872	Ultrasound-assisted emulsification solidified floating organic drops microextraction of ultra trace amount of Te (IV) prior to graphite furnace atomic absorption spectrometry determination. <b>2012</b> , 88, 759-64	34
1871	Utilization of inverted dispersive liquid-liquid microextraction followed by HPLC-UV as a sensitive and efficient method for the extraction and determination of quercetin in honey and biological samples. <b>2012</b> , 89, 117-23	66
1870	Solidified floating organic drop microextraction combined with ETV-ICP-MS for the determination of trace heavy metals in environmental water samples. <b>2012</b> , 94, 70-6	44
1869	Preconcentration of trace amounts of methadone in human urine, plasma, saliva and sweat samples using dispersive liquid-liquid microextraction followed by high performance liquid chromatography. <b>2012</b> , 94, 116-22	57
1868	Rapid analysis of chlorinated anilines in environmental water samples using ultrasound assisted emulsification microextraction with solidification of floating organic droplet followed by HPLC-UV detection. <b>2012</b> , 97, 279-84	20
1867	An overview of liquid phase microextraction approaches combined with UV-Vis spectrophotometry. <b>2012</b> , 99, 1-12	58
1866	Development of a new aerosol phase extraction method for metal determination through inductively coupled plasma atomic emission spectrometry. <b>2012</b> , 99, 330-4	3
1865	Automatic determination of copper by in-syringe dispersive liquid-liquid microextraction of its bathocuproine-complex using long path-length spectrophotometric detection. <b>2012</b> , 99, 349-56	64
1864	Determination of organophosphorus pesticides using dispersive liquid-liquid microextraction combined with reversed electrode polarity stacking mode-micellar electrokinetic chromatography. <b>2012</b> , 98, 62-8	51
1863	Speciation analysis of mercury in sediments using vortex-assisted liquid-liquid microextraction coupled to high-performance liquid chromatography-cold vapor atomic fluorescence spectrometry. <b>2012</b> , 99, 631-6	35
1862	In-situ metathesis reaction combined with ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction method for the determination of phenylurea pesticides in water samples. <b>2012</b> , 98, 145-51	47
1861	Dispersive liquid-liquid microextraction combined with microvolume spectrophotometry to turn green the 5530 APHA standard method for determining phenols in water and wastewater. <b>2012</b> , 98, 197-202	28
1860	Dispersive liquid-liquid microextraction with non-halogenated extractants for trihalomethanes determination in tap and swimming pool water. <b>2012</b> , 99, 846-52	15
1859	Ultrasound-assisted ionic liquid/ionic liquid-dispersive liquid-liquid microextraction for the determination of sulfonamides in infant formula milk powder using high-performance liquid chromatography. <b>2012</b> , 99, 875-82	71

1858	Simultaneous derivatization and dispersive liquid-liquid microextraction of anilines in different samples followed by gas chromatography-flame ionization detection. <b>2012</b> , 99, 1004-10	31
1857	Vortex solvent bar microextraction for phthalate esters from aqueous matrices. <b>2012</b> , 100, 64-70	29
1856	Analytical methods for determination of cork-taint compounds in wine. <b>2012</b> , 37, 135-147	36
1855	Role of microextraction sampling procedures in forensic toxicology. <b>2012</b> , 4, 1805-26	37
1854	Recent advances of ionic liquids in separation science and mass spectrometry. <b>2012</b> , 2, 5470	152
1853	Surfactant-assisted dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for determination of amphetamine and methamphetamine in urine samples. <b>2012</b> , 4, 1357	41
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1851	Development of a new dispersive liquid-liquid microextraction method in a narrow-bore tube for preconcentration of triazole pesticides from aqueous samples. <b>2012</b> , 713, 70-8	73
1850	Development of a dispersive liquid-liquid microextraction method for the determination of fluoroquinolones in chicken liver by high performance liquid chromatography. <b>2012</b> , 730, 80-6	62
1849	Comparison of ultrasound-assisted emulsification and dispersive liquid-liquid microextraction methods for the speciation of inorganic selenium in environmental water samples using low density extraction solvents. <b>2012</b> , 714, 82-8	61
1848	In-syringe demulsified dispersive liquid-liquid microextraction and high performance liquid chromatography-mass spectrometry for the determination of trace fungicides in environmental water samples. <b>2012</b> , 724, 47-53	51
1847	Preconcentration of aqueous dyes through phase-transfer liquid-phase microextraction with a room-temperature ionic liquid. <b>2012</b> , 742, 54-8	6
1846	High-throughput quantification of palladium in water samples by ion pair based-surfactant assisted microextraction. <b>2012</b> , 728, 26-30	20
1845	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. <b>2012</b> , 728, 31-8	240
1844	Ionic liquid-based ultrasound-assisted dispersive liquid-liquid microextraction followed high-performance liquid chromatography for the determination of ultraviolet filters in environmental water samples. <b>2012</b> , 750, 120-6	89
1843	On-line micro-volume introduction system developed for lower density than water extraction solvent and dispersive liquid-liquid microextraction coupled with flame atomic absorption spectrometry. <b>2012</b> , 733, 34-7	22
1842	Microextraction techniques in the analysis of food flavor compounds: A review. <b>2012</b> , 738, 13-26	143
1841	Hollow fiber based liquid-phase microextraction for the determination of mercury traces in water samples by electrothermal atomic absorption spectrometry. <b>2012</b> , 743, 69-74	52

1840	Determination of eight fluoroquinolones in groundwater samples with ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction prior to high-performance liquid chromatography and fluorescence detection. <b>2012</b> , 748, 20-7		82
1839	Low-density solvent-based dispersive liquid-liquid microextraction followed by high performance liquid chromatography for determination of warfarin in human plasma. <b>2012</b> , 899, 66-71		44
1838	Determination of nitrophenols using ultrahigh pressure liquid chromatography and a new manual shaking-enhanced, ultrasound-assisted emulsification microextraction method based on solidification of a floating organic droplet. <i>Journal of Chromatography A</i> , <b>2012</b> , 1246, 55-61	4-5	55
1837	A novel method for high preconcentration of ultra trace amounts of B <sub>1</sub> and G <sub>1</sub> aflatoxins in edible oils by dispersive liquid-liquid microextraction after immunoaffinity column clean-up. <i>Journal of Chromatography A</i> , <b>2012</b> , 1247, 35-41	4-5	67
1836	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. <i>Journal of Chromatography A</i> , <b>2012</b> , 1248, 24-31	4-5	86
1835	Vortex-assisted liquid-liquid microextraction coupled with derivatization for the fluorometric determination of aliphatic amines. <i>Journal of Chromatography A</i> , <b>2012</b> , 1248, 41-7	4-5	40
1834	Determination of ultraviolet filters in water samples by vortex-assisted dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1249, 25-31	4-5	73
1833	A new 1-hexyl-3-methylimidazolium tris(pentafluoroethyl)trifluorophosphate ionic liquid based ultrasound-assisted emulsification microextraction for the determination of organic ultraviolet filters in environmental water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1251, 27-32	4-5	41
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1831	Monitoring pesticide residues in greenhouse tomato by combining acetonitrile-based extraction with dispersive liquid-liquid microextraction followed by gas-chromatography-mass spectrometry. <b>2012</b> , 135, 1071-7		66
1830	Single step in-syringe system for ionic liquid based liquid microextraction combined with flame atomic absorption spectrometry for lead determination. <b>2012</b> , 27, 1960		36
1829	Determination of neonicotinoid insecticides in environmental samples by micellar electrokinetic chromatography using solid-phase treatments. <b>2012</b> , 33, 2969-77		19
1828	Ionic liquid-based vortex-assisted dispersive liquid-liquid microextraction of organophosphorus pesticides in apple and pear. <b>2012</b> , 35, 2514-9		43
1827	Pre-concentration of non-steroidal anti-inflammatory drugs in water using dispersive liquid-liquid and single-drop microextraction with high-performance liquid chromatography. <b>2012</b> , 35, 2476-83		33
1826	Simple, rapid, and sensitive determination of beta-blockers in environmental water using dispersive liquid-liquid microextraction followed by liquid chromatography with fluorescence detection. <b>2012</b> , 35, 2184-92		13
1825	Vortex-assisted extraction combined with dispersive liquid-liquid microextraction for the determination of polycyclic aromatic hydrocarbons in sediment by high performance liquid chromatography. <b>2012</b> , 35, 2796-804		52
1824	Vortex-assisted liquid-liquid microextraction combined with gas chromatography-mass spectrometry for the determination of organophosphate pesticides in environmental water samples and wines. <b>2012</b> , 35, 2422-9		64
1823	A simple solvent collection technique for a dispersive liquid-liquid microextraction of parabens from aqueous samples using low-density organic solvent. <b>2012</b> , 35, 2645-52		34

1822	Surfactant roles in modern sample preparation techniques: a review. <b>2012</b> , 35, 2319-40			73
1821	Simultaneous preconcentration and determination of 2,4-D, alachlor and atrazine in aqueous samples using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography ultraviolet detection. <b>2012</b> , 35, 2718-24			39
1820	Methodological aspects of sample preparation for the determination of carbamate residues: a review. <b>2012</b> , 35, 2373-89			34
1819	Application of ionic liquid in liquid phase microextraction technology. <b>2012</b> , 35, 2949-61			81
1818	Determination of malachite green and crystal violet in environmental water using temperature-controlled ionic liquid dispersive liquid-liquid microextraction coupled with high performance liquid chromatography. <b>2012</b> , 4, 429-433			35
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1816	Dispersive liquid-liquid microextraction prior to field-amplified sample injection for the sensitive analysis of 3,4-methylenedioxymethamphetamine, phencyclidine and lysergic acid diethylamide by capillary electrophoresis in human urine. <i>Journal of Chromatography A</i> , <b>2012</b> , 1267, 189-97	4.5		33
1815	Development of new dispersive liquid-liquid microextraction technique for the identification of zearalenone in beer. <b>2012</b> , 4, 4129			27
1814	Simultaneous determination of eleven preservatives in foods using ultrasound-assisted emulsification micro-extraction coupled with gas chromatography-mass spectrometry. <b>2012</b> , 4, 3436			13
1813	Simultaneous determination of amphetamine and related compounds in human urine using ultrasound-assisted emulsification microextraction and gas chromatography. <b>2012</b> , 4, 3212			16
1812	Optimized Ultrasound-Assisted Emulsification-Microextraction Followed by ICP-OES for Simultaneous Determination of Lanthanum and Cerium in Urine and Water Samples. <b>2012</b> , 45, 1426-1439			20
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1810	Utilization of homogeneous liquid-liquid extraction followed by HPLC-UV as a sensitive method for the extraction and determination of phthalate esters in environmental water samples. <b>2012</b> , 92, 1312-1324			22
1809	Determination of Triazole Fungicides Using Hollow Fiber Liquid Phase Microextraction Prior to Gas Chromatography/Mass Spectrometry Analysis. <b>2012</b> , 51, 3101-3107			28
1808	Lab in a syringe: fully automated dispersive liquid-liquid microextraction with integrated spectrophotometric detection. <b>2012</b> , 404, 909-17			82
1807	Sensitive determination of sertraline by capillary electrophoresis with dispersive liquid-liquid microextraction and field-amplified sample stacking. <b>2012</b> , 101, 460-4			29
1806	Phase transfer hollow fiber liquid phase microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for the determination of trace heavy metals in environmental and biological samples. <b>2012</b> , 101, 516-23			27
1805	Advances in analytical chemistry using the unique properties of ionic liquids. <b>2012</b> , 39, 218-227			82

1804	Simultaneous determination of tetrachloro dibenzo-p-dioxin and poly-aromatic chlorinated biphenyls in aqueous environment using liquid phase microextraction. <b>2012</b> , 50-52, 98-103			2
1803	Determination of eight tobacco alkaloids in flue-cured tobacco samples by gas chromatography with nitrogen chemiluminescence detection (NCD). <b>2012</b> , 4, 2095			13
1802	Determination of hydroxylated metabolites of polycyclic aromatic hydrocarbons in sediment samples by combining subcritical water extraction and dispersive liquid-liquid microextraction with derivatization. <b>2012</b> , 753, 57-63			44
1801	Rapid screening of five phthalate esters from beverages by ultrasound-assisted surfactant-enhanced emulsification microextraction coupled with gas chromatography. <b>2012</b> , 137, 4860-6			23
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1798	Pre-concentration and Sample Treatment Techniques for Trace Element Analysis. <b>2012</b> , 365-394			1
1797	Dispersive Liquid-Liquid Microextraction. <b>2012</b> , 181-212			13
1796	Determination of hydroxylated stilbenes in wine by dispersive liquid-liquid microextraction followed by gas chromatography mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1258, 21-9	4-5		31
1795	Solvent Microextraction. <b>2012</b> , 151-180			1
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1793	Automated preconcentration and analysis of organic compounds by on-line hollow fiber liquid-phase microextraction-high performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2012</b> , 1262, 27-33	4-5		50
1792	Development, validation, and application of a liquid chromatography-tandem mass spectrometry method for the determination of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol in human hair. <b>2012</b> , 404, 2259-66			14
1791	Determination of Sulfite in Water and Dried Fruit Samples by Dispersive Liquid-Liquid Microextraction Combined with UV-Vis Fiber Optic Linear Array Spectrophotometry. <b>2012</b> , 5, 1362-1367			30
1790	A Miniaturized Preconcentration Method Based on Dispersive Liquid-Liquid Microextraction for the Spectrophotometric Determination of Aziridine in Food Simulants. <b>2012</b> , 5, 1398-1403			3
1789	Gas chromatographic determination of parabens after in-situ derivatization and dispersive liquid-liquid microextraction. <b>2012</b> , 24, 589-601			22
1788	Emulsification-based dispersive liquid microextraction and HPLC determination of carbazole-based explosives. <b>2012</b> , 179, 57-64			24
1787	Dispersive liquid-liquid microextraction for simultaneous determination of cadmium, cobalt, lead and nickel in water samples by inductively coupled plasma optical emission spectrometry. <b>2012</b> , 178, 269-275			48



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1785	Determination of polycyclic aromatic hydrocarbons in soil samples using flotation-assisted homogeneous liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2012</b> , 1265, 52-6	4-5	46
1784	Determination of Estrogens in Water Samples by Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction Combined with High Performance Liquid Chromatography. <b>2012</b> , 45, 1995-2005		23
1783	Application of ultrasound-assisted emulsification microextraction followed by gas chromatography for determination of organophosphorus pesticides in water and soil samples. <b>2012</b> , 4, 830		20
1782	Sonication-assisted emulsification microextraction combined with vortex-assisted porous membrane-protected micro-solid-phase extraction using mixed zeolitic imidazolate frameworks 8 as sorbent. <i>Journal of Chromatography A</i> , <b>2012</b> , 1263, 1-6	4-5	76
1781	Zeolite imidazolate frameworks 8 as sorbent and its application to sonication-assisted emulsification microextraction combined with vortex-assisted porous membrane-protected micro-solid-phase extraction for fast analysis of acidic drugs in environmental water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1257, 19-24	4-5	85
1780	Basics and Advances in Sampling and Sample Preparation. <b>2012</b> , 3-24		5
1779	Extraction Procedures for Organic Pollutants Determination in Water. <b>2012</b> , 171-235		3
1778	pH-controlled dispersive liquid-liquid microextraction for the analysis of ionisable compounds in complex matrices: Case study of ochratoxin A in cereals. <b>2012</b> , 754, 61-6		29
1777	Emulsification liquid phase microextraction followed by on-line phase separation coupled to high performance liquid chromatography. <b>2012</b> , 751, 79-85		44
1776	Microextraction Techniques as a Sample Preparation Step for Metal Analysis. <b>2012</b> ,		3
1775	Application of Gas Chromatography on the Evaluation of Grape and Wine Aroma in Atlantic Viticulture (NW Iberian Peninsula). <b>2012</b> ,		4
1774	Recent Developments and Applications of Microextraction Techniques for the Analysis of Pesticide Residues in Fruits and Vegetables. <b>2012</b> ,		2
1773	Determination of some carbamate pesticides in watermelon and tomato samples by dispersive liquid-liquid microextraction combined with high performance liquid chromatography. <b>2012</b> , 92, 571-581		18
1772	Ionic liquids in microextraction techniques. <b>2012</b> , 10, 652-674		36
1771	Pressurized Liquid Extraction Combined with Dispersive Liquid-liquid Micro-extraction as an Efficient Sample Preparation Method for Determination of Volatile Components in Tobacco. <b>2012</b> , 59, 909-916		2
1770	Determination of volatile organic compounds in water using ultrasound-assisted emulsification microextraction followed by gas chromatography. <b>2012</b> , 35, 688-94		15
1769	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. <b>2012</b> , 35, 742-9		60

1768	Dispersive liquid-liquid microextraction combined with gas chromatography for extraction and determination of class 1 residual solvents in pharmaceuticals. <b>2012</b> , 35, 1027-35	18
1767	Solid phase microextraction assisted by droplets-based liquid-liquid microextraction for analysis of volatile aromatic hydrocarbons in water by gas chromatography. <b>2012</b> , 35, 1651-8	8
1766	Development and application of chemometric-assisted dispersive liquid-liquid microextraction for the determination of suspected fragrance allergens in water samples. <b>2012</b> , 35, 1659-66	18
1765	Reverse micelle-mediated dispersive liquid-liquid microextraction of 2,4-dichlorophenoxyacetic acid and 4-chloro-2-methylphenoxyacetic acid. <b>2012</b> , 35, 2491-8	25
1764	Determination of rifaximin in rat serum by ionic liquid based dispersive liquid-liquid microextraction combined with RP-HPLC. <b>2012</b> , 35, 1945-52	15
1763	Ultrasound-assisted emulsification microextraction for the determination of ephedrine in human urine by capillary electrophoresis with direct injection. Comparison with dispersive liquid-liquid microextraction. <b>2012</b> , 35, 2114-21	24
1762	Ionic liquid-based dispersive liquid-liquid microextraction with back-extraction coupled with capillary electrophoresis to determine phenolic compounds. <b>2012</b> , 33, 1331-8	49
1761	Vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction for the determination of triazine herbicides in water samples by microemulsion electrokinetic chromatography. <b>2012</b> , 33, 2176-83	26
1760	Chemical Speciation of Chromium in Water: A Review. <b>2012</b> , 42, 776-810	151
1759	Microextraction techniques in therapeutic drug monitoring. <b>2012</b> , 26, 972-89	26
1758	Dispersive Liquid-Liquid Microextraction for Preconcentration and Determination of Nickel in Water. <b>2012</b> , 40, 268-271	11
1757	Microextraction preconcentration of impurities with the dispersion of the extractant and capillary collection of the extract. <b>2012</b> , 67, 207-213	2
1756	Ionic liquid-based dispersive liquid-liquid microextraction for the determination of formaldehyde in wastewaters and detergents. <b>2012</b> , 184, 7597-605	30
1755	Extraction and separation of zirconium from hafnium using a new solvent microextraction technique. <b>2012</b> , 9, 67-74	6
1754	Determination of endocrine disrupting chemicals in water samples by dispersive liquid-liquid microextraction combined with liquid chromatography-fluorescence detection. <b>2012</b> , 42, 77-82	5
1753	Response surface modeling of ultrasound-assisted dispersive liquid-liquid microextraction for determination of benzene, toluene and xylenes in water samples: Box-Behnken design. <b>2012</b> , 89, 38-43	37
1752	Evaluation of lithium separation by dispersive liquid-liquid microextraction using benzo-15-crown-5. <b>2012</b> , 293, 247-254	12
1751	Optimized Dispersive Liquid-Liquid Microextraction and Determination of Sorbic Acid and Benzoic Acid in Beverage Samples by Gas Chromatography. <b>2012</b> , 5, 351-358	29

1750	Assay of Total Mercury in Commercial Food Supplements of Marine Origin by Means of DLLME/ICP-AES. <b>2012</b> , 5, 695-701		26
1749	Dispersive liquid-liquid microextraction coupled to liquid chromatography for thiamine determination in foods. <b>2012</b> , 403, 1059-66		23
1748	Rapid determination of anilines in water samples by dispersive liquid-liquid microextraction based on solidification of floating organic drop prior to gas chromatography-mass spectrometry. <b>2012</b> , 403, 877-84		15
1747	Ionic liquid based dispersive liquid-liquid microextraction combined with ICP-OES for the determination of trace quantities of cobalt, copper, manganese, nickel and zinc in environmental water samples. <b>2012</b> , 177, 119-127		77
1746	Simultaneous determination of carbazole-based explosives in environmental waters by dispersive liquid-liquid microextraction coupled to HPLC with UV-Vis detection. <b>2012</b> , 177, 145-152		42
1745	Ultrasound assisted cold-induced aggregation: an improved method for trace determination of volatile phenol. <b>2012</b> , 177, 349-355		12
1744	Rapid Determination of Benzene Derivatives in Water Samples by Trace Volume Solvent DLLME prior to GC-FID. <b>2012</b> , 75, 551-555		14
1743	Critical overview of selected contemporary sample preparation techniques. <i>Journal of Chromatography A</i> , <b>2012</b> , 1221, 84-98	4-5	211
1742	Determination of alkylphenols and bisphenol A in seawater samples by dispersive liquid-liquid microextraction and liquid chromatography tandem mass spectrometry for compliance with environmental quality standards (Directive 2008/105/EC). <i>Journal of Chromatography A</i> , <b>2012</b> , 1223, 1-8	4-5	96
1741	Determination of aqueous fullerene aggregates in water by ultrasound-assisted dispersive liquid-liquid microextraction with liquid chromatography-atmospheric pressure photoionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1223, 15-23	4-5	46
1740	Ionic liquid based in situ solvent formation microextraction coupled to thermal desorption for chlorophenols determination in waters by gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1229, 48-54	4-5	51
1739	Application of vesicular coacervate phase for microextraction based on solidification of floating drop. <i>Journal of Chromatography A</i> , <b>2012</b> , 1229, 30-7	4-5	59
1738	Mixed-mode solid-phase extraction followed by dispersive liquid-liquid microextraction for the sensitive determination of ethylphenols in red wines. <i>Journal of Chromatography A</i> , <b>2012</b> , 1229, 79-85	4-5	27
1737	Bell-shaped extraction device assisted liquid-liquid microextraction technique and its optimization using response-surface methodology. <i>Journal of Chromatography A</i> , <b>2012</b> , 1230, 24-9	4-5	28
1736	Low-density solvent based ultrasound-assisted emulsification microextraction and on-column derivatization combined with gas chromatography-mass spectrometry for the determination of carbamate pesticides in environmental water samples. <i>Journal of Chromatography A</i> , <b>2012</b> , 1235, 1-9	4-5	48
1735	Microwave-assisted extraction and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for isolation and determination of polycyclic aromatic hydrocarbons in smoked fish. <i>Journal of Chromatography A</i> , <b>2012</b> , 1237, 30-6	4-5	90
1734	Bifunctional ultrasound assisted extraction and determination of <i>Elettaria cardamomum</i> Maton essential oil. <i>Journal of Chromatography A</i> , <b>2012</b> , 1238, 46-53	4-5	53
1733	Dispersive microextraction based on water-coated Fe $\text{O}$ followed by gas chromatography-mass spectrometry for determination of 3-monochloropropane-1,2-diol in edible oils. <i>Journal of Chromatography A</i> , <b>2012</b> , 1240, 45-51	4-5	35

1732	Electro membrane extraction followed by low-density solvent based ultrasound-assisted emulsification microextraction combined with derivatization for determining chlorophenols and analysis by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1243, 14-22	4.5	85
1731	In-line cold column trapping of organic phase in dispersive liquid-liquid microextraction: enrichment and determination of curcumin in human serum. <i>Journal of Chromatography A</i> , <b>2012</b> , 1244, 14-9	4.5	26
1730	Microwave assisted extraction combined with dispersive liquid-liquid microextraction as a sensitive sample preparation method for the determination of haloanisoles and halophenols in cork stoppers and oak barrel sawdust. <b>2012</b> , 132, 2202-2210		25
1729	Dispersive liquid-liquid microextraction combined with sweeping micellar electrokinetic chromatography for the determination of some neonicotinoid insecticides in cucumber samples. <b>2012</b> , 133, 544-50		94
1728	Dispersive liquid-liquid microextraction for the determination of organochlorine pesticides residues in honey by gas chromatography-electron capture and ion trap mass spectrometric detection. <b>2012</b> , 134, 1665-72		72
1727	Low density solvent based dispersive liquid-liquid microextraction with gas chromatography-electron capture detection for the determination of cypermethrin in tissues and blood of cypermethrin treated rats. <b>2012</b> , 895-896, 65-70		22
1726	Application of ionic surfactant as a carrier and emulsifier agent for the microextraction of fluoroquinolones. <b>2012</b> , 66, 264-70		35
1725	Recent advances in coupling single-drop and dispersive liquid-liquid microextraction with UV-vis spectrophotometry and related detection techniques. <b>2012</b> , 102, 1-10		74
1724	Recent advances in dispersive liquid-liquid microextraction using organic solvents lighter than water. A review. <b>2012</b> , 102, 11-17		229
1723	Considerations on the application of miniaturized sample preparation approaches for the analysis of organic compounds in environmental matrices. <b>2012</b> , 10, 433-449		8
1722	Determination of phenolic compounds in environmental water samples after solid-phase extraction with $\beta$ -cyclodextrin-bonded silica particles coupled with a novel liquid-phase microextraction followed by gas chromatography-mass spectrometry. <b>2012</b> , 35, 107-13		19
1721	Extraction optimization of polycyclic aromatic hydrocarbons by alcoholic-assisted dispersive liquid-liquid microextraction and their determination by HPLC. <b>2012</b> , 35, 86-92		26
1720	Comparison of dispersive liquid-liquid microextraction based on organic solvent and ionic liquid combined with high-performance liquid chromatography for the analysis of emodin and its metabolites in urine samples. <b>2012</b> , 35, 145-52		44
1719	Miniaturized matrix solid-phase dispersion combined with ultrasound-assisted dispersive liquid-liquid microextraction for the determination of three pyrethroids in soil. <b>2012</b> , 35, 292-8		61
1718	Ultrasound-enhanced surfactant-assisted dispersive liquid-liquid microextraction and high-performance liquid chromatography for determination of ketoconazole and econazole nitrate in human blood. <b>2012</b> , 402, 1241-7		36
1717	Completely automated in-syringe dispersive liquid-liquid microextraction using solvents lighter than water. <b>2012</b> , 402, 1383-8		64
1716	Determination of synthetic polycyclic musks in aqueous samples by ultrasound-assisted dispersive liquid-liquid microextraction and gas chromatography-mass spectrometry. <b>2012</b> , 402, 1723-30		24
1715	Optimization of a dispersive liquid-liquid microextraction method for the analysis of benzotriazoles and benzothiazoles in water samples. <b>2012</b> , 402, 1679-95		35

1714	Application of dispersive liquid-liquid microextraction for the determination of selected organochlorine pesticides in honey by gas chromatography-mass spectrometry. <b>2012</b> , 234, 223-230		30
1713	Trends in liquid-phase microextraction, and its application to environmental and biological samples. <b>2012</b> , 176, 1-22		146
1712	Ultrasound- assisted emulsification microextraction for separation of trace amounts of antimony prior to FAAS determination. <b>2012</b> , 176, 185-192		17
1711	Extraction and determination of polybrominated diphenyl ethers in water and urine samples using solidified floating organic drop microextraction along with high performance liquid chromatography. <b>2012</b> , 176, 303-309		31
1710	Sensitive determination of carbamates in fruit and vegetables by a combination of solid-phase extraction and dispersive liquid-liquid microextraction prior to HPLC. <b>2012</b> , 176, 419-427		24
1709	Dispersive Liquid-Liquid Microextraction Coupled with High-Performance Liquid Chromatography for Determination of Coumarin Compounds in Radix Angelicae Dahuricae. <b>2012</b> , 75, 131-137		24
1708	Microextraction techniques for the determination of volatile and semivolatile organic compounds from plants: a review. <b>2013</b> , 799, 8-22		69
1707	Low-density magnetofluid dispersive liquid-liquid microextraction for the fast determination of organochlorine pesticides in water samples by GC-ECD. <b>2013</b> , 793, 37-43		18
1706	Development of a home-made extraction device for vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction with lighter than water organic solvents. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 58-63	4-5	24
1705	Determination of the Migration of Bisphenol A from Polycarbonate by Dispersive Liquid-Liquid Microextraction Combined with High Performance Liquid Chromatography. <b>2013</b> , 46, 1342-1354		12
1704	In-syringe magnetic-stirring-assisted liquid-liquid microextraction for the spectrophotometric determination of Cr(VI) in waters. <b>2013</b> , 405, 6761-9		37
1703	Determination of t,t-muonic acid in urine samples using a molecular imprinted polymer combined with simultaneous ethyl chloroformate derivatization and pre-concentration by dispersive liquid-liquid microextraction. <b>2013</b> , 405, 341-9		35
1702	Dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-ultraviolet detection to determination of opium alkaloids in human plasma. <b>2013</b> , 85, 14-20		48
1701	Ultra-Preconcentration and Determination of Multiple Pesticide Residues in Water Samples Using Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction and GC-FID. <b>2013</b> , 76, 671-678		9
1700	Ultrasound-assisted surfactant-enhanced emulsification microextraction based on the solidification of a floating organic droplet used for the simultaneous determination of six fungicide residues in juices and red wine. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 64-9	4-5	57
1699	Sensitive determination of trace molybdenum in natural waters using dispersive liquid-liquid microextraction and electrothermal atomic absorption spectrometry. <b>2013</b> , 5, 2098		8
1698	Simultaneous derivatisation and preconcentration of parabens in food and other matrices by isobutyl chloroformate and dispersive liquid-liquid microextraction followed by gas chromatographic analysis. <b>2013</b> , 141, 436-43		51
1697	The potential of solvent-minimized extraction methods in the determination of polycyclic aromatic hydrocarbons in fish oils. <b>2013</b> , 139, 1036-43		38

1696	Dispersive liquid-phase microextraction in combination with HPLC for the enrichment and rapid determination of benzoylurea pesticides in environmental water samples. <b>2013</b> , 36, 2323-9		27
1695	Application of surfactant assisted dispersive liquid-liquid microextraction as an efficient sample treatment technique for preconcentration and trace detection of zonisamide and carbamazepine in urine and plasma samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1308, 25-31	4.5	68
1694	A single-valve sequential injection manifold (SV-SIA) for automation of air-assisted liquid-phase microextraction: stopped flow spectrophotometric determination of chromium(VI). <b>2013</b> , 5, 2497		36
1693	Head-space single drop microextraction combined with gas chromatography with an electron capture detector for determination of iodine in infant formulas. <b>2013</b> , 5, 778-783		7
1692	Determination of abamectin in citrus fruits using SPE combined with dispersive liquid-liquid microextraction and HPLC-UV detection. <b>2013</b> , 36, 2629-34		17
1691	2-Nitroso-1-naphthol as a selective reagent for preconcentration of cobalt by vortex assisted combined with solidification of organic droplet and its determination by flame atomic absorption spectrometry. <b>2013</b> , 185, 9067-75		22
1690	Ionic liquids in dispersive liquid-liquid microextraction. <b>2013</b> , 51, 87-106		220
1689	Dispersive liquid-liquid microextraction for the determination of three cytokinin compounds in fruits and vegetables by liquid chromatography with time-of-flight mass spectrometry. <b>2013</b> , 116, 376-81		24
1688	In-syringe-stirring: a novel approach for magnetic stirring-assisted dispersive liquid-liquid microextraction. <b>2013</b> , 788, 52-60		70
1687	Modified dispersive liquid-liquid microextraction for pre-concentration of benzene, toluene, ethylbenzene and xylenes prior to their determination by GC. <b>2013</b> , 180, 1141-1148		13
1686	Developments in ultrasound-assisted microextraction techniques for isolation and preconcentration of organic analytes from aqueous samples. <b>2013</b> , 49, 45-54		51
1685	New reversed phase dispersive liquid-liquid microextraction method for the determination of phenolic compounds in virgin olive oil by rapid resolution liquid chromatography with ultraviolet-visible and mass spectrometry detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1313, 291-301	4.5	34
1684	Comparison of two ultrasound-enhanced microextractions combined with HPLC for determining acaricides in water. <b>2013</b> , 36, 2196-202		9
1683	Quantification of $\beta$ -carotene, retinol, retinyl acetate and retinyl palmitate in enriched fruit juices using dispersive liquid-liquid microextraction coupled to liquid chromatography with fluorescence detection and atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2013</b> , 1275-1282	4.5	27
1682	Determination of bisphenol-A, 2,4-dichlorophenol, bisphenol-AF and tetrabromobisphenol-A in liquid foods and their packaging materials by vortex-assisted supramolecular solvent microextraction/high-performance liquid chromatography. <b>2013</b> , 5, 5037		37
1681	Simultaneous determination of plasticizer di(2-ethylhexyl)phthalate and its metabolite in human urine by temperature controlled ionic liquid dispersive liquid-liquid microextraction combined with high performance liquid chromatography. <b>2013</b> , 5, 1427		27
1680	Room temperature ionic liquid-based dispersive liquid-liquid microextraction of uranium in water samples before spectrophotometric determination. <b>2013</b> , 5, 5260		30
1679	Ultrasonic assisted headspace single drop micro-extraction and gas chromatography with nitrogen-phosphorus detector for determination of organophosphorus pesticides in soil. <b>2013</b> , 769, 121-6		45

1678	A microextraction procedure based on an ionic liquid as an ion-pairing agent optimized using a design of experiments for chromium species separation and determination in water samples. <b>2013</b> , 5, 5065	15
1677	Application of ionic liquids for liquid-liquid microextraction. <b>2013</b> , 5, 5376	39
1676	Determination of phthalate esters in bottled water using dispersive liquid-liquid microextraction coupled with GC-MS. <b>2013</b> , 36, 2003-9	54
1675	Novel Binary Solvents-Dispersive Liquid-Liquid Microextraction (BS-DLLME) Method for Determination of Patulin in Apple Juice Using High-Performance Liquid Chromatography. <b>2013</b> , 6, 761-766	37
1674	Determination of Hg(II) in Environmental Water Samples Using DLLME Method Prior to GC-FID. <b>2013</b> , 76, 861-865	4
1673	Rapid spectrophotometric determination of trace amounts of palladium in water samples after dispersive liquid-liquid microextraction. <b>2013</b> , 185, 6531-7	13
1672	Analysis of non-polar heterocyclic aromatic amines in beefburguers by using microwave-assisted extraction and dispersive liquid-ionic liquid microextraction. <b>2013</b> , 141, 1694-701	46
1671	Selective preconcentration of silver by one-step displacement dispersive liquid-liquid microextraction and determination by graphite furnace atomic absorption spectrometry. <b>2013</b> , 5, 4419	6
1670	Response surface methodology optimized dispersive liquid-liquid microextraction coupled with UV-Vis spectrophotometry for determination of quinine. <b>2013</b> , 5, 5253	8
1669	Solvent microextraction: A review of recent efforts at automation. <b>2013</b> , 110, 599-607	59
1668	Optimization and application of liquid chromatography determination of dispersive liquid-liquid microextraction purified astaxanthin in shrimp waste. <b>2013</b> , 29, 429-433	2
1667	Optimisation and application of dispersive liquid-liquid microextraction for simultaneous determination of carbamates and organophosphorus pesticides in waters. <b>2013</b> , 5, 2736	19
1666	Concerted derivatization and concentration method with dispersive liquid-liquid microextraction for liquid chromatographic analysis of 5-hydroxyindoles in human serum. <b>2013</b> , 117, 27-31	10
1665	Green methodology based on dispersive liquid-liquid microextraction and micellar electrokinetic chromatography for 5-nitroimidazole analysis in water samples. <b>2013</b> , 36, 3050-8	17
1664	Determination of Hg(II) in Environmental Water Samples by Dispersive Liquid Phase Microextraction Combined with Flame Atomic Absorption Spectrometry. <b>2013</b> , 60, 179-184	3
1663	Air-assisted liquid-liquid microextraction used for the rapid determination of organophosphorus pesticides in juice samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1311, 41-7	4-5 45
1662	Determination of benzophenone-3 and its main metabolites in human serum by dispersive liquid-liquid microextraction followed by liquid chromatography tandem mass spectrometry. <b>2013</b> , 116, 388-95	49
1661	Emulsification based dispersive liquid microextraction prior to flame atomic absorption spectrometry for the sensitive determination of Cd(II) in water samples. <b>2013</b> , 180, 973-979	17

1660	Speciation of arsenite and arsenate by electrothermal AAS following ionic liquid dispersive liquid-liquid microextraction. <b>2013</b> , 180, 415-421		39
1659	Salting-out homogeneous liquid-liquid extraction in narrow-bore tube: extraction and pre-concentration of phthalate esters from water. <b>2013</b> , 36, 939-46		34
1658	Magnetic retrieval of an extractant: fast ultrasound-assisted emulsification liquid-liquid microextraction for the determination of polycyclic aromatic hydrocarbons in environmental water samples. <b>2013</b> , 5, 3999		11
1657	Assessment of dispersive liquid-liquid microextraction for the simultaneous extraction, pre-concentration, and derivatization of Hg <sup>2+</sup> and CH <sub>3</sub> Hg <sup>+</sup> for further determination by GC-MS. <b>2013</b> , 36, 3411-8		11
1656	Application of dispersive liquid-liquid microextraction based on solidification of floating organic drop for simultaneous determination of alachlor and atrazine in aqueous samples. <b>2013</b> , 36, 684-9		47
1655	Application of dispersive liquid-liquid microextraction for the determination of phosphatidylethanol in blood by liquid chromatography tandem mass spectrometry. <b>2013</b> , 111, 189-95		27
1654	Simultaneous derivatization and ultrasound-assisted dispersive liquid-liquid microextraction of chloropropanols in soy milk and other aqueous matrices combined with gas-chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2013</b> , 1319, 35-45	4.5	26
1653	Rapid determination of tetrabromobisphenol A and its main derivatives in aqueous samples by ultrasound-dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <b>2013</b> , 116, 906-11		33
1652	Ionic liquid-based totally organic solvent-free emulsification microextraction coupled with high performance liquid chromatography for the determination of three acaricides in fruit juice. <b>2013</b> , 115, 556-62		20
1651	Combination of saponification and dispersive liquid-liquid microextraction for the determination of tocopherols and tocotrienols in cereals by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 31-7	4.5	36
1650	Dispersive liquid-liquid microextraction combined with microwave-assisted derivatization for determining lipoic acid and its metabolites in human urine. <i>Journal of Chromatography A</i> , <b>2013</b> , 1310, 31-6	4.5	14
1649	Pre-concentration procedures for phthalate esters combined with chromatographic analysis. <b>2013</b> , 51, 632-44		14
1648	Determination of sildenafil, vardenafil and aildenafil in human plasma by dispersive liquid-liquid microextraction-back extraction based on ionic liquid and high performance liquid chromatography-ultraviolet detection. <b>2013</b> , 931, 111-6		22
1647	A rapid shaking-based ionic liquid dispersive liquid phase microextraction for the simultaneous determination of six synthetic food colourants in soft drinks, sugar- and gelatin-based confectionery by high-performance liquid chromatography. <b>2013</b> , 141, 182-6		98
1646	Determination of Dechlorane compounds in aqueous samples using ultrasound-assisted dispersive liquid-liquid microextraction and gas chromatography-electron-capture negative ion-mass spectrometry. <b>2013</b> , 5, 7001		8
1645	Hollow fiber liquid-liquid-liquid microextraction combined with high performance liquid chromatography-ultraviolet detection for the determination of various environmental estrogens in environmental and biological samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1305, 17-26	4.5	62
1644	Determination of amantadine in biological fluids using simultaneous derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <b>2013</b> , 940, 142-9		33
1643	On-line liquid phase micro-extraction based on drop-in-plug sequential injection lab-at-valve platform for metal determination. <b>2013</b> , 771, 50-5		25



1642	Ultrasound-assisted low-density solvent dispersive liquid-liquid extraction for the determination of alkanolamines and alkylamines in cosmetics with ion chromatography. <b>2013</b> , 115, 518-25	16
1641	Capabilities and limitations of dispersive liquid-liquid microextraction with solidification of floating organic drop for the extraction of organic pollutants from water samples. <b>2013</b> , 805, 60-9	60
1640	Monitoring polycyclic aromatic hydrocarbons in seawaters and wastewaters using a dispersive liquid-liquid microextraction method. <b>2013</b> , 34, 607-16	10
1639	Magnetic nanoparticles of nitrogen enriched carbon (mnNEC) for analysis of pesticides and metabolites in zebrafish by gas chromatography-mass spectrometry. <b>2013</b> , 915-916, 46-51	8
1638	Dispersive Liquid-Liquid Microextraction Followed by Capillary High-Performance Liquid Chromatography for the Determination of Six Sulfonylurea Herbicides in Fruit Juices. <b>2013</b> , 7, 1465	4
1637	Room temperature ionic liquid-based dispersive liquid phase microextraction for the separation/preconcentration of trace Cd(2+) as 1-(2-pyridylazo)-2-naphthol (PAN) complex from environmental and biological samples and determined by FAAS. <b>2013</b> , 156, 49-55	24
1636	Liquid-Liquid Microextraction of Nitrophenols Using Supramolecular Solvent and Their Determination by HPLC with UV Detection. <b>2013</b> , 76, 1641-1647	27
1635	Determination of Anilines and Toluidines in Water by Salt-Assisted Dispersive Liquid-Liquid Microextraction Combined with GC-FID. <b>2013</b> , 76, 1747-1753	11
1634	The simultaneous analysis of sulfonylurea herbicide residues in fruit samples using ultrasound-assisted surfactant-enhanced emulsification microextraction coupled with high-performance liquid chromatography. <b>2013</b> , 5, 6009	12
1633	Detection of digoxin in urine samples by surface-assisted laser desorption/ionization mass spectrometry with dispersive liquid-liquid microextraction. <b>2013</b> , 115, 123-8	20
1632	Combined application of dispersive liquid-liquid microextraction based on the solidification of floating organic droplets and charged aerosol detection for the simple and sensitive quantification of macrolide antibiotics in human urine. <b>2013</b> , 86, 204-13	30
1631	A simple ligandless microextraction method based on ionic liquid for the determination of trace cadmium in water and biological samples. <b>2013</b> , 95, 1069-1079	10
1630	Comparison of ultrasound-assisted, surfactant-assisted and conventional dispersive liquid-liquid microextraction coupled with flame atomic absorption spectrometry for the determination of copper. <b>2013</b> , 5, 6030	13
1629	Enzyme-assisted extraction and ionic liquid-based dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for determination of patulin in apple juice and method optimization using central composite design. <b>2013</b> , 804, 104-10	45
1628	Application of ultrasound-assisted emulsification microextraction for spectrophotometric determination of trace amounts of antimony(V) in drinking water samples using rhodamine B. <b>2013</b> , 5, 6848	7
1627	Comparative evaluation of liquid-liquid extraction, solid-phase extraction and solid-phase microextraction for the gas chromatography-mass spectrometry determination of multiclass priority organic contaminants in wastewater. <b>2013</b> , 117, 382-91	30
1626	Dispersive liquid-liquid microextraction of phenolic compounds using solidified floating organic droplets, and their determination by HPLC. <b>2013</b> , 180, 341-346	15
1625	Phase transfer catalyst assisted directly suspended droplet microextraction of platinum from geological and spent automobile converter samples prior to HR-CS AAS determination. <b>2013</b> , 5, 2343	7

1624	Simultaneous determination of seven preservatives in cosmetics by dispersive liquid-liquid microextraction coupled with high performance capillary electrophoresis. <b>2013</b> , 5, 2391	30
1623	Analysis of two anti-tumor active ingredients in Radix Actinidiae chinensis by dispersive liquid-liquid microextraction coupled to high performance liquid chromatography-mass spectrometry. <b>2013</b> , 5, 5227	3
1622	Ultrasound-assisted liquid-liquid microextraction based on an ionic liquid for preconcentration and determination of UV filters in environmental water samples. <b>2013</b> , 5, 4213	23
1621	DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS IN CIGARETTE FILTER TAR BY MEANS OF HOLLOW-FIBER LIQUID PHASE MICROEXTRACTION-HPLC-UV SYSTEM. <b>2013</b> , 36, 628-647	8
1620	Dispersive liquid-liquid microextraction combined with capillary electrophoresis and time-of-flight mass spectrometry for urine analysis. <b>2013</b> , 73, 82-9	55
1619	Dispersive liquid-liquid microextraction for chemical speciation and determination of ultra-trace concentrations of metal ions. <b>2013</b> , 44, 12-24	82
1618	Injection-ultrasound-assisted emulsification microextraction based on using low-density organic solvent followed by high-performance liquid chromatography for the determination of pyrethroids in water samples. <b>2013</b> , 138, 1262-70	10
1617	Optimization and validation of a new pesticide residue method for cucumber and tomato using acetonitrile-based extraction-dispersive liquid-liquid microextraction followed by liquid chromatography-tandem mass spectrometry. <b>2013</b> , 5, 1192	17
1616	Micellar electrokinetic chromatography: a review of methodological and instrumental innovations focusing on practical aspects. <b>2013</b> , 34, 141-58	76
1615	Five Years of Dispersive Liquid-Liquid Microextraction. <b>2013</b> , 48, 161-259	67
1614	Development of an ionic liquid-based dispersive liquid-liquid microextraction method for the determination of nifurtimox and benznidazole in human plasma. <b>2013</b> , 107, 95-102	31
1613	Dispersive liquid-liquid microextraction combined with ultra-high performance liquid chromatography for the simultaneous determination of 25 sulfonamide and quinolone antibiotics in water samples. <b>2013</b> , 75, 130-7	103
1612	Determination of pesticide residues in ginseng by dispersive liquid-liquid microextraction and ultra high performance liquid chromatography-tandem mass spectrometry. <b>2013</b> , 917-918, 71-7	33
1611	Dispersive liquid-liquid microextraction and microsample injection system coupled with inductively coupled plasma-mass spectrometry for inorganic arsenic speciation in natural waters. <b>2013</b> , 93, 1065-1073	13
1610	Ligandless, ion pair-based and ultrasound assisted emulsification solidified floating organic drop microextraction for simultaneous preconcentration of ultra-trace amounts of gold and thallium and determination by GFAAS. <b>2013</b> , 103, 375-83	52
1609	Combination of QuEChERS and DLLME for GC-MS determination of pesticide residues in orange samples. <b>2013</b> , 30, 286-97	36
1608	Analysis of Pesticides in Tomato Combining QuEChERS and Dispersive Liquid-Liquid Microextraction Followed by High-Performance Liquid Chromatography. <b>2013</b> , 6, 559-568	39
1607	Ionic liquid-based microwave-assisted surfactant-improved dispersive liquid-liquid microextraction and derivatization of aminoglycosides in milk samples. <b>2013</b> , 36, 585-92	36

1606	Determination of lead and cadmium using an ionic liquid and dispersive liquid-liquid microextraction followed by electrothermal atomic absorption spectrometry. <b>2013</b> , 110, 46-52		40
1605	High-density extraction solvent-based solvent de-emulsification dispersive liquid-liquid microextraction combined with MEKC for detection of chlorophenols in water samples. <b>2013</b> , 34, 345-52		25
1604	Solvent-assisted dispersive micro-SPE by using aminopropyl-functionalized magnetite nanoparticle followed by GC-PID for quantification of parabens in aqueous matrices. <b>2013</b> , 36, 311-9		47
1603	Preconcentration and determination of methyl methacrylate by dispersive liquid-liquid microextraction. <b>2013</b> , 36, 356-61		13
1602	Low cost methodology for estrogens monitoring in water samples using dispersive liquid-liquid microextraction and HPLC with fluorescence detection. <b>2013</b> , 115, 980-5		42
1601	An in situ benzylation-dispersive liquid-liquid microextraction method based on solidification of floating organic droplets for determination of biogenic amines by liquid chromatography-ultraviolet analysis. <i>Journal of Chromatography A</i> , <b>2013</b> , 1282, 1-10	4.5	46
1600	Dispersive liquid-liquid microextraction of trace Hg <sup>2+</sup> for visual and fluorescence test. <b>2013</b> , 105, 87-92		16
1599	Evaluation of dispersive liquid-liquid microextraction in the stereoselective determination of cetirizine following the fungal biotransformation of hydroxyzine and analysis by capillary electrophoresis. <b>2013</b> , 116, 743-52		20
1598	Electrokinetic removal of charged species from small sample volumes. <i>Journal of Chromatography A</i> , <b>2013</b> , 1299, 131-5	4.5	8
1597	Dispersive liquid-liquid microextraction for the determination of macrocyclic lactones in milk by liquid chromatography with diode array detection and atmospheric pressure chemical ionization ion-trap tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2013</b> , 1282, 20-6	4.5	36
1596	Ionic-liquid based dispersive liquid-liquid microextraction followed by high performance liquid chromatographic determination of anti-hypertensives in rat serum. <b>2013</b> , 931, 174-80		19
1595	One-step in-syringe vortex-assisted liquid-liquid microextraction for the analysis of three fungicides in aqueous samples. <b>2013</b> , 5, 2034		12
1594	Low-density solvent-based vortex-assisted surfactant-enhanced emulsification liquid-liquid microextraction and its application. <b>2013</b> , 36, 916-22		21
1593	Up-and-down shaker-assisted ionic liquid-based dispersive liquid-liquid microextraction of benzophenone-type ultraviolet filters. <b>2013</b> , 36, 1470-7		29
1592	Luminescence screening of enrofloxacin and ciprofloxacin residues in swine liver after dispersive liquid-liquid microextraction cleanup. <b>2013</b> , 61, 98-102		10
1591	Solid-Phase Extraction Combined with Dispersive Liquid-Liquid Microextraction for the Determination of Three Benzimidazole Pesticides (Carbendazim, Thiabendazole, and Thiophanate-Methyl) in Tomatoes. <b>2013</b> , 46, 557-568		13
1590	A comparison of various modes of liquid-liquid based microextraction techniques: determination of picric acid. <b>2013</b> , 36, 932-8		11
1589	Rapid analysis of six phthalate esters in wine by ultrasound-vortex-assisted dispersive liquid-liquid micro-extraction coupled with gas chromatography-flame ionization detector or gas chromatography-ion trap mass spectrometry. <b>2013</b> , 769, 72-8		101

1588	Liquid-phase microextraction based on solidified floating drops of organic solvents. <b>2013</b> , 180, 519-535		36
1587	Ultra sound assisted one step rapid derivatization and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometric determination of amino acids in complex matrices. <i>Journal of Chromatography A</i> , <b>2013</b> , 1291, 10-8	4-5	35
1586	Ultrasound leaching-dispersive liquid-liquid microextraction based on solidification of floating organic droplet for determination of polybrominated diphenyl ethers in sediment samples by gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2013</b> , 1285, 15-21	4-5	34
1585	Dispersive liquid-liquid microextraction based on solidification of floating organic droplets followed by high performance liquid chromatography for the determination of duloxetine in human plasma. <b>2013</b> , 75, 214-9		55
1584	Simultaneous derivatization and air-assisted liquid-liquid microextraction of some aliphatic amines in different aqueous samples followed by gas chromatography-flame ionization detection. <b>2013</b> , 775, 50-7		36
1583	QuEChERS in Combination with Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Droplet Method for the Simultaneous Analysis of Six Fungicides in Grape. <b>2013</b> , 6, 1515-1521		12
1582	Multi-residue method for determination of selected neonicotinoid insecticides in honey using optimized dispersive liquid-liquid microextraction combined with liquid chromatography-tandem mass spectrometry. <b>2013</b> , 111, 125-33		105
1581	Dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for determination of benzoate and sorbate in yogurt drinks and method optimization by central composite design. <b>2013</b> , 109, 46-51		57
1580	Recent advances in unique sample preparation techniques for bioanalysis. <b>2013</b> , 5, 915-32		35
1579	Molecularly imprinted SPE combined with dispersive liquid-liquid microextraction for selective analysis of telmisartan in biological and formulation samples. <b>2013</b> , 5, 847-58		9
1578	Low-density solvent-based vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction combined with gas chromatography-mass spectrometry for the fast determination of phthalate esters in bottled water. <i>Journal of Chromatography A</i> , <b>2013</b> , 1274, 28-35	4-5	107
1577	Dispersive liquid-liquid microextraction for the high performance liquid chromatographic determination of aldehydes in cigarette smoke and injectable formulations. <b>2013</b> , 254-255, 390-396		6
1576	Preconcentration and determination of carbaryl and carbofuran in water samples using ionic liquids and in situ solvent formation microextraction. <b>2013</b> , 5, 2406		9
1575	Application of ultrasonic irradiation and vortex agitation in solvent microextraction. <b>2013</b> , 49, 1-19		97
1574	Ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction coupled with liquid chromatography-quadrupole-linear ion trap-mass spectrometry for simultaneous analysis of pharmaceuticals in wastewaters. <i>Journal of Chromatography A</i> , <b>2013</b> , 1291, 19-26	4-5	68
1573	Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: quantitation in perfumes. <b>2013</b> , 782, 67-74		16
1572	Acid-induced homogenous liquid-phase microextraction: application of medium-chain carboxylic acid as extraction phase. <b>2013</b> , 36, 1493-9		13
1571	Homogeneous liquid-liquid microextraction via flotation assistance for rapid and efficient determination of polycyclic aromatic hydrocarbons in water samples. <b>2013</b> , 762, 54-60		42

1570	Development of a dispersive liquid-liquid microextraction method for iron extraction and preconcentration in water samples with different salinities. <b>2013</b> , 5, 2273		11
1569	Development of solvent micro-extraction combined with derivatization. <i>Journal of Chromatography A</i> , <b>2013</b> , 1296, 235-42	4-5	22
1568	A simple microextraction and preconcentration approach based on a mixed matrix membrane. <b>2013</b> , 783, 24-30		24
1567	Simultaneous trace determination of acidic non-steroidal anti-inflammatory drugs in purified water, tap water, juice, soda and energy drink by hollow fiber-based liquid-phase microextraction and ultra-high pressure liquid chromatography coupled to tandem mass spectrometry. <b>2013</b> , 109, 177-84		42
1566	On-line sample processing involving microextraction techniques as a front-end to atomic spectrometric detection for trace metal assays: a review. <b>2013</b> , 782, 1-11		53
1565	Quantification of candidate prostate cancer metabolite biomarkers in urine using dispersive derivatization liquid-liquid microextraction followed by gas and liquid chromatography-mass spectrometry. <b>2013</b> , 81-82, 65-75		39
1564	Recent development and applications of dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2013</b> , 1295, 1-15	4-5	195
1563	Ionic liquid-linked dual magnetic microextraction: a novel and facile procedure for the determination of pyrethroids in honey samples. <b>2013</b> , 107, 81-7		69
1562	Ligandless-ultrasound-assisted emulsification microextraction followed by inductively coupled plasma-optical emission spectrometry for simultaneous determination of heavy metals in water samples. <b>2013</b> , 93, 401-415		9
1561	Study of menthol as a green extractant in dispersive liquid-liquid microextraction; application in extraction of phthalate esters from pharmaceutical products. <b>2013</b> , 5, 1975		15
1560	Water with low concentration of surfactant in dispersed solvent-assisted emulsion dispersive liquid-liquid microextraction for the determination of organochlorine pesticides in aqueous samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 51-7	4-5	32
1559	Low-density extraction solvent based solvent-terminated dispersive liquid-liquid microextraction for quantitative determination of ionizable pesticides in environmental waters. <b>2013</b> , 36, 1119-27		30
1558	Determination of aromatic amines from textiles using dispersive liquid-liquid microextraction. <b>2013</b> , 36, 947-52		14
1557	Vortex-assisted micro-solid-phase extraction followed by low-density solvent based dispersive liquid-liquid microextraction for the fast and efficient determination of phthalate esters in river water samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 24-30	4-5	57
1556	Simultaneous Analysis of Organophosphorus Pesticides in Water by Magnetic Solid-Phase Extraction Coupled with GCMS. <b>2013</b> , 76, 535-540		55
1555	Selective and sensitive speciation analysis of Cr(VI) and Cr(III) in water samples by fiber optic-linear array detection spectrophotometry after ion pair based-surfactant assisted dispersive liquid-liquid microextraction. <b>2013</b> , 254-255, 134-140		69
1554	Greening sample preparation in inorganic analysis. <b>2013</b> , 45, 79-92		58
1553	Dispersive Liquid-Liquid Extraction Based on Freezing of the Organic Drop, Followed by GC for the Determination of Methyl Methacrylate in Wastewater. <b>2013</b> , 76, 565-570		9

1552	Dispersive microextraction based on "magnetic water" coupled to gas chromatography/mass spectrometry for the fast determination of organophosphorus pesticides in cold-pressed vegetable oils. <b>2013</b> , 61, 5397-403		21
1551	Determination of organophosphorous pesticides in summer crops using ultrasound-assisted solvent extraction followed by dispersive liquid-liquid microextraction based on the solidification of floating organic drop. <b>2013</b> , 34, 378-385		83
1550	Ultrasound-assisted dispersive liquid-liquid microextraction combined with gas chromatography-mass spectrometry in negative chemical ionization mode for the determination of polybrominated diphenyl ethers in water. <b>2013</b> , 36, 1263-9		20
1549	Simultaneous determination of nine trace organophosphorous pesticide residues in fruit samples using molecularly imprinted matrix solid-phase dispersion followed by gas chromatography. <b>2013</b> , 61, 3821-7		61
1548	Analysis of amino acids in tobacco by derivatization and dispersive liquid-liquid microextraction based on solidification of floating organic droplet method. <i>Journal of Chromatography A</i> , <b>2013</b> , 1296, 243-7	4-5	35
1547	Development and comparison of two dispersive liquid-liquid microextraction techniques coupled to high performance liquid chromatography for the rapid analysis of bisphenol A in edible oils. <i>Journal of Chromatography A</i> , <b>2013</b> , 1295, 16-23	4-5	42
1546	A rapid ultrasound-assisted dispersive liquid-liquid microextraction followed by ultra-performance liquid chromatography for the simultaneous determination of seven benzodiazepines in human plasma samples. <b>2013</b> , 767, 88-96		63
1545	Rapid determination of indapamide in human urine using novel low-density solvent based ultrasound assisted emulsification microextraction coupled with high performance liquid chromatography-variable wavelength detection. <b>2013</b> , 5, 2572		4
1544	Low-density solvent-based dispersive liquid-liquid microextraction combined with single-drop microextraction for the fast determination of chlorophenols in environmental water samples by high performance liquid chromatography-ultraviolet detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1280, 9-15	4-5	54
1543	Dispersive liquid-liquid microextraction of thiram followed by microvolume UV-vis spectrophotometric determination. <b>2013</b> , 114, 46-50		27
1542	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. <i>Journal of Chromatography A</i> , <b>2013</b> , 1300, 70-8	4-5	54
1541	Liquid phase microextraction for the analysis of trace elements and their speciation. <b>2013</b> , 86, 14-30		72
1540	Methods of Analysis of Opium Alkaloids. <b>2013</b> , 1069-1120		1
1539	High-throughput determination of phenolic compounds in virgin olive oil using dispersive liquid-liquid microextraction- capillary zone electrophoresis. <b>2013</b> , 34, 1836-43		18
1538	Determination of Brilliant Blue FCF in food and cosmetic samples by ionic liquid independent dispersive liquid-liquid micro-extraction. <b>2013</b> , 5, 4021		27
1537	Development of a simple combining apparatus to perform a magnetic stirring-assisted dispersive liquid-liquid microextraction and its application for the analysis of carbamate and organophosphorus pesticides in tea drinks. <b>2013</b> , 787, 71-7		45
1536	Microextraction techniques combined with capillary electrophoresis in bioanalysis. <b>2013</b> , 405, 125-41		51
1535	Dispersive liquid-liquid microextraction combined with field-amplified sample stacking in capillary electrophoresis for the determination of non-steroidal anti-inflammatory drugs in milk and dairy products. <b>2013</b> , 138, 890-7		55

1534	The present state of coupling of dispersive liquid-liquid microextraction with atomic absorption spectrometry. <b>2013</b> , 28, 19-32	54
1533	Evaluation of dispersive liquid-liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. <b>2013</b> , 31, 353-358	53
1532	Highly sensitive and selective organophosphate screening in twelve commodities of fruits, vegetables and herbal medicines by dispersive liquid-liquid microextraction. <b>2013</b> , 775, 58-66	48
1531	Determination of volatile components of green, black, oolong and white tea by optimized ultrasound-assisted extraction-dispersive liquid-liquid microextraction coupled with gas chromatography. <i>Journal of Chromatography A</i> , <b>2013</b> , 1280, 1-8	4-5 67
1530	Dispersive liquid-phase microextraction procedure for spectrometric determination of cadmium. <b>2013</b> , 107, 3-9	9
1529	Surfactant-enhanced liquid-liquid microextraction coupled to micro-solid phase extraction onto highly hydrophobic magnetic nanoparticles. <b>2013</b> , 180, 775-782	20
1528	Ultrasound-assisted analytical emulsification-extraction. <b>2013</b> , 45, 1-13	27
1527	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. <b>2013</b> , 141, 1881-7	77
1526	Electrically-enhanced microextraction combined with maltodextrin-modified capillary electrophoresis for quantification of tolterodine enantiomers in biological samples. <b>2013</b> , 106, 186-193	42
1525	Selective dispersive liquid-liquid microextraction and preconcentration of Ni(II) into a micro droplet followed by ETAAS determination using a yellow Schiff's base bisazanyl derivative. <b>2013</b> , 33, 916-22	27
1524	An evaluation of cis- and trans-retinol contents in juices using dispersive liquid-liquid microextraction coupled to liquid chromatography with fluorimetric detection. <b>2013</b> , 103, 166-71	12
1523	Ultrasound-assisted emulsification microextraction using low density solvent for analysis of toxic nitrophenols in natural waters. <b>2013</b> , 93, 199-212	20
1522	Determination of organic pollutants in coking wastewater by dispersive liquid-liquid microextraction/GC/MS. <b>2013</b> , 36, 1644-51	19
1521	Developing microwave-assisted ionic liquid microextraction for the detection and tracking of hydrophobic pesticides in complex environmental matrices. <b>2013</b> , 3, 17113	11
1520	Homogenous liquid-liquid microextraction for determination of betulinic acid in the food samples using RP-HPLC. <b>2013</b> , 39, 373-376	
1519	DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROP COMBINED WITH COUNTER-ELECTROSMOTIC FLOW NORMAL STACKING MODE IN CAPILLARY ELECTROPHORESIS FOR THE DETERMINATION OF BISPENOL A IN WATER AND LIQUID SAMPLES. <b>2013</b> , 31, 3355-3370	9
1518	Ionic liquid ultrasound assisted dispersive liquid-liquid/micro-volume back extraction procedure for preconcentration and determination of ultra trace amounts of thallium in water and biological samples. <b>2013</b> , 93, 623-636	13
1517	Enantioselective analysis of ranolazine and desmethyl ranolazine in microsomal medium using dispersive liquid-liquid microextraction and LC-MS/MS. <b>2013</b> , 5, 171-83	4

1516	Preconcentration of Copper Using 1,5-Diphenyl Carbazide as the Complexing Agent via Dispersive Liquid-Liquid Microextraction and Determination by Flame Atomic Absorption Spectrometry. <b>2013</b> , 2013, 1-7	0
1515	Influence of matrix on suitability of four methods for organochlorine pesticide analysis in waters. <b>2013</b> , 93, 416-433	2
1514	A simple and rapid dispersive liquid-liquid microextraction based on solidification of floating organic drop method combined with flame atomic absorption spectrometry for preconcentration and determination of copper. <b>2013</b> , 96, 441-6	9
1513	Displacement-dispersive liquid-liquid microextraction based on solidification of floating organic drop of trace amounts of palladium in water and road dust samples prior to graphite furnace atomic absorption spectrometry determination. <b>2013</b> , 96, 880-6	8
1512	Ultrasound-assisted emulsification--solidified floating organic drop microextraction combined with flow injection--flame atomic absorption spectrometry for the determination of palladium in water samples. <b>2013</b> , 37, 746-755	17
1511	Ligandless dispersive liquid-liquid microextraction of iron in biological and foodstuff samples and its determination by Electrothermal atomic absorption spectrometry. <b>2013</b> , 96, 1466-72	3
1510	DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROPLET FOR HPLC DETERMINATION OF TANSHINONES IN TRADITIONAL CHINESE MEDICINAL INJECTIONS CONTAINING SALVIA MILTIORRHIZA BUNGE. <b>2013</b> , 36, 2095-2106	3
1509	Separation and determination of triclosan and bisphenol A in water, beverage, and urine samples by dispersive liquid-liquid microextraction combined with capillary zone electrophoresis-UV detection. <b>2013</b> , 96, 459-65	35
1508	Separation for trace amounts of gold (III) ion using ion-pair dispersive liquid-liquid microextraction prior to flame atomic absorption spectrometry determination. <b>2013</b> , 93, 315-324	7
1507	Headspace Solid Phase Microextraction Procedure for the Detection of Polychlorinated Biphenyls in Seawater Sample. <b>2013</b> , 316-317, 383-386	
1506	Determination of Trace Amounts of Palladium in Water Samples by Graphite Furnace Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction. <b>2013</b> , 2013, 1-6	5
1505	Dispersive liquid-liquid microextraction combined with online preconcentration MEKC for the determination of some phenoxyacetic acids in drinking water. <b>2013</b> , 36, 3067-74	11
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1503	Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma. <b>2013</b> , 5, 437-48	24
1502	Separation and Determination of Diol Pollutants Come from Demulsifier in the Produced Water of Oil Fields. <b>2013</b> , 60, 625-631	6
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1500	A new chiral residue analysis method for triazole fungicides in water using dispersive liquid-liquid microextraction (DLLME). <b>2013</b> , 25, 567-74	25
1499	Temperature-controlled ultrasound- and vortex-assisted liquid-liquid microextraction combined with GC for the determination of the concentrations of organophosphorus pesticides in beverage samples. <b>2013</b> , 36, 3918-25	9



1498	A Simple Device for Collection of Extraction Phase in Dispersive Liquid-Liquid Microextraction Method Based on Solidification of Floating Organic Droplet for Sensitive Determination of Curcumin in Human Serum. <b>2013</b> , 3, 92-101	3
1497	Ultrasound-assisted emulsification/microextraction based on solidification of trace amounts of thallium prior to graphite furnace atomic absorption spectrometry determination. <b>2013</b> , 95, 1080-1089	10
1496	Application of response surface methodology for optimization of ionic liquid-based dispersive liquid-liquid microextraction of cadmium from water samples. <b>2013</b> , 32, 620-31	16
1495	Ultrasound assisted dispersive liquid-liquid microextraction followed by injector port silylation: a novel method for rapid determination of quinine in urine by GC-MS. <b>2013</b> , 5, 2277-86	17
1494	Magnetic Stirring-Assisted Dispersive Suspended Microextraction with Solidification of a Floating Organic Droplet for the Determination of Trace Fungicides in Water and Wine. <b>2013</b> , 46, 2075-2088	4
1493	Homogeneous liquid-liquid extraction (HoLLE) via flotation combined with gas chromatography-flame ionization detection as a very simple, rapid and sensitive method for the determination of fenitrothion in water samples. <b>2013</b> , 29, 837-41	1
1492	Application of Homogeneous Liquid-Liquid Microextraction via Flotation Assistance Followed by Gas Chromatography for Determination of Butachlor in Water Samples. <b>2013</b> , 86, 1282-1286	3
1491	Development of a Sensitive Method for the Determination of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol in Human Urine Using Solid-phase Extraction Combined with Ultrasound-assisted Dispersive Liquid-Liquid Microextraction and LC-MS/MS Detection. <b>2013</b> , 88, 1855-1861	6
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1488	Low density solvent-based dispersive liquid-liquid microextraction for the determination of synthetic antioxidants in beverages by high-performance liquid chromatography. <b>2013</b> , 2013, 414398	9
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1484	8 Green Aspects of Miniaturized Sample Preparation Techniques. <b>2014</b> , 416-446	
1483	1 From Conventional to Miniaturized Analytical Systems. <b>2014</b> , 1-28	1
1482	Capillary Electrophoresis: Preconcentration Techniques. <b>2014</b> ,	
1481	Determination of Herbicides in Soil by Dispersive Solid-Phase Extraction, Dispersive Liquid-Liquid Microextraction, and High-Performance Liquid Chromatography. <b>2014</b> , 47, 2871-2881	5

1480	Evaluation of dispersive liquid-liquid microextraction for the determination of cobalt and cadmium by flame atomic absorption spectrometry: application in water and food samples. <b>2014</b> , 2,	1
1479	Liquid-Phase Extraction and Microextraction. <b>2014</b> , 107-152	2
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1477	DISPERSIVE LIQUID-LIQUID MICROEXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC DETERMINATION OF ANTHRAQUINONE DERIVATIVES IN HUMAN URINE AFTER ORAL ADMINISTRATION OF SAN-HUANG TABLETS. <b>2014</b> , 37, 2062-2071	4
1476	Multi-target screening of biological samples using LC-MS/MS: focus on chromatographic innovations. <b>2014</b> , 6, 1255-73	20
1475	Determination of fungicides in fruit juice by ultrasound-assisted dispersive liquid-liquid microextraction based on solidification of floating organic solvent droplets followed by high performance liquid chromatography. <b>2014</b> , 97, 183-7	7
1474	Determination and distribution of polycyclic aromatic hydrocarbons in rivers, surface runoff, and sediments in and around Thohoyandou, Limpopo Province, South Africa. <b>2014</b> , 40, 415	39
1473	Enrichment of copper as 1-(2-pyridylazo)-2-naphthol complex by the combination of dispersive liquid-liquid microextraction/flame atomic absorption spectrometry. <b>2014</b> , 97, 205-10	12
1472	Application of Dispersive Liquid-Liquid Microextraction in Separation and Preconcentration of Silver prior its Determination by Flame Atomic Absorption Spectrometry. <b>2014</b> , 87, 241-248	3
1471	Experimental design in analytical chemistry--part II: applications. <b>2014</b> , 97, 12-8	17
1470	Simultaneous determination of seven phthalic acid esters in beverages using ultrasound and vortex-assisted dispersive liquid-liquid microextraction followed by high-performance liquid chromatography. <b>2014</b> , 37, 2111-7	29
1469	Air-assisted liquid-liquid microextraction for simultaneous derivatization, extraction, and preconcentration of some phenolic compounds. <b>2014</b> , 6, 7733-7743	12
1468	Fast determination of phthalate ester residues in soft drinks and light alcoholic beverages by ultrasound/vortex assisted dispersive liquid-liquid microextraction followed by gas chromatography-ion trap mass spectrometry. <b>2014</b> , 4, 59655-59663	38
1467	A hydroxyl functionalized ionic liquid-based ultrasound-assisted surfactant-enhanced emulsification microextraction for the determination of herbicides in water samples. <b>2014</b> , 6, 8744-8751	5
1466	In-syringe ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonamides in blood using high-performance liquid chromatography. <b>2014</b> , 6, 2545-2552	16
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1463	Preconcentration of organochlorine pesticides in aqueous samples by dispersive liquid-liquid microextraction based on solidification of floating organic drop after SPE with multiwalled carbon nanotubes. <b>2014</b> , 37, 114-9	28

1462	Dispersive liquid-liquid microextraction combined with high-performance liquid chromatography for the enrichment and sensitive determination of Sudan Red pollutants in water samples. <b>2014</b> , 37, 3347-53	15
1461	Ultrasonic nebulization extraction assisted dispersive liquid-liquid microextraction followed by gas chromatography for the simultaneous determination of six parabens in cosmetic products. <b>2014</b> , 37, 2349-56	19
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1459	Determination of phthalate esters in liquor samples by vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction followed by GC-MS. <b>2014</b> , 37, 684-90	33
1458	Analysis of estrogens and estrogen mimics in edible matrices--a review. <b>2014</b> , 37, 885-905	17
1457	Determination of bisphenol A, 4-octylphenol, and 4-nonylphenol in soft drinks and dairy products by ultrasound-assisted dispersive liquid-liquid microextraction combined with derivatization and high-performance liquid chromatography with fluorescence detection. <b>2014</b> , 37, 2757-63	28
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1455	Trace Determination of Petroleum Pollutants in Water Samples by Dispersive Liquid-Liquid Microextraction Method. <b>2014</b> , 42, 1106-1114	5
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1453	Determination of Alkylphenols in Water by Dispersive Liquid-Liquid Microextraction Based on Solid Formation without a Disperser. <b>2014</b> , 47, 2643-2654	6
1452	Determination of phthalic acid esters in Chinese white spirit using dispersive liquid-liquid microextraction coupled with sweeping $\beta$ -cyclodextrin-modified micellar electrokinetic chromatography. <b>2014</b> , 37, 1679-86	13
1451	Development of an Efficient HPLC Fluorescence Detection Method for Brassinolide by Ultrasonic-Assisted Dispersive Liquid-Liquid Microextraction Coupled with Derivatization. <b>2014</b> , 77, 1653-1660	18
1450	Speciation of methyltins by dispersive liquid-liquid microextraction and gas chromatography with mass spectrometry. <b>2014</b> , 37, 1989-95	12
1449	Interfacing whispering gallery mode microresonators for environmental biosensing. <b>2014</b> ,	3
1448	Directly suspended droplet microextraction for the analysis of fungicides. <b>2014</b> , 52, 938-43	3
1447	Sample Preparation Techniques for GC. <b>2014</b> , 577-602	
1446	The recent developments in dispersive liquid-liquid microextraction for preconcentration and determination of inorganic analytes. <b>2014</b> , 18, 745-761	82
1445	Speciation and determination of iron using dispersive liquid-liquid microextraction based on solidification of organic drop followed by flame atomic absorption spectrometry. <b>2014</b> , 94, 348-355	17

1444	SIMPLE MEASUREMENT OF TESTOSTERONE IN MALE SALIVA SAMPLES USING DISPERSIVE LIQUID-LIQUID MICROEXTRACTION FOLLOWED BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY DETECTION. <b>2014</b> , 37, 1278-1286	6
1443	Determination of ultra traces of lead in water samples after combined solid-phase extraction-dispersive liquid-liquid microextraction by graphite furnace atomic absorption spectrometry. <b>2014</b> , 11, 249-256	33
1442	Application of Dispersive Liquid-Liquid Micro-extraction Using Mean Centering of Ratio Spectra Method for Trace Determination of Mercury in Food and Environmental Samples. <b>2014</b> , 7, 352-359	27
1441	Development of a Dispersive Liquid-Liquid Microextraction Method for the Determination of Tocopherol in Pigmented Wheat by High-Performance Liquid Chromatography. <b>2014</b> , 7, 21-30	10
1440	Determination of volatile components of saffron by optimised ultrasound-assisted extraction in tandem with dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <b>2014</b> , 143, 499-505	78
1439	Speciation Analysis of Mn(II)/Mn(VII) in Tea Samples Using Flame Atomic Absorption Spectrometry After Room Temperature Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction. <b>2014</b> , 7, 291-297	18
1438	Development of ultrasound-assisted dispersive liquid-liquid microextraction-large volume injection-gas chromatography-tandem mass spectrometry method for determination of pyrethroid metabolites in brain of cypermethrin-treated rats. <b>2014</b> , 32, 19-29	13
1437	Determination of twelve herbicides in tobacco by a combination of solid-liquid-solid dispersive extraction using multi-walled carbon nanotubes, dispersive liquid-liquid micro-extraction, and detection by GC with triple quadrupole mass spectrometry. <b>2014</b> , 181, 163-169	19
1436	Optimized solid phase extraction based on diethyldithiocarbamate-coated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles followed by ICP-OES for determination of Cd(II) and Ni(II) in rice and water samples. <b>2014</b> , 11, 1129-1136	10
1435	Screen-printed electrode-based electrochemical detector coupled with in-situ ionic-liquid-assisted dispersive liquid-liquid microextraction for determination of 2,4,6-trinitrotoluene. <b>2014</b> , 406, 2197-204	27
1434	Determination of phenolic compounds in honey using dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1334, 9-15	4-5 72
1433	A rapid and simple determination of caffeine in teas, coffees and eight beverages. <b>2014</b> , 158, 8-13	57
1432	Development of multiresidue DLLME and QuEChERS based LCMS/MS method for determination of selected neonicotinoid insecticides in honey liqueur. <b>2014</b> , 55, 11-19	64
1431	Determination of Silver in Human Hair by Ionic Liquid-based Cold-induced Aggregation Microextraction as a Solvent Extraction Method. <b>2014</b> , 61, 695-701	2
1430	Effervescence assisted dispersive liquid-liquid microextraction with extractant removal by magnetic nanoparticles. <b>2014</b> , 807, 61-6	86
1429	Field-amplified sample injection coupled with pseudo-isotachopheresis technique for sensitive determination of selected psychiatric drugs in human urine samples after dispersive liquid-liquid microextraction. <b>2014</b> , 811, 88-93	19
1428	Extraction of pyridine derivatives from human urine using electromembrane extraction coupled to dispersive liquid-liquid microextraction followed by gas chromatography determination. <b>2014</b> , 126, 73-81	48
1427	Optimisation of ultrasound-assisted reverse micelles dispersive liquid-liquid micro-extraction by Box-Behnken design for determination of acetoin in butter followed by high performance liquid chromatography. <b>2014</b> , 161, 120-6	30

1426	Modified nanoporous carbon as a novel sorbent before solvent-based de-emulsification dispersive liquid-liquid microextraction for ultra-trace detection of cadmium by flame atomic absorption spectrophotometry. <b>2014</b> , 51, 174-181	42
1425	USE OF IONIC LIQUID-BASED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TO DETECT FORMALDEHYDE IN AIR, WATER, AND SOIL SAMPLES. <b>2014</b> , 37, 815-828	12
1424	Simultaneous preconcentration and analysis of anthraquinones based on ultrasound emulsification ionic liquid microextraction. <b>2014</b> , 52, 218-25	14
1423	Determination of pyrethroid pesticides in tomato using ionic liquid-based dispersive liquid-liquid microextraction. <b>2014</b> , 52, 232-7	10
1422	Capillary liquid chromatography combined with pressurized liquid extraction and dispersive liquid-liquid microextraction for the determination of vitamin E in cosmetic products. <b>2014</b> , 94, 173-9	27
1421	Editorial on "beyond dispersive liquid-liquid microextraction" by Mei-I Leong, Ming-Ren Fuh and Shang-Da Huang. <i>Journal of Chromatography A</i> , <b>2014</b> , 1335, 1	4-5
1420	Microwave-Assisted Extraction/Dispersive Liquid-Liquid Microextraction Coupled with DSI-GC-IT/MS for Analysis of Essential Oil from Three Species of Cardamom. <b>2014</b> , 77, 347-358	13
1419	Binary Solvents Dispersive Liquid-Liquid Microextraction (BS-DLLME) Method for Determination of Tramadol in Urine Using High-Performance Liquid Chromatography. <b>2014</b> , 22, 25	19
1418	A New Dispersive Liquid-Liquid Microextraction Method for the Preconcentration of Copper Using 4-Phenyl-3-Thiosemicarbazide and FAAS Detection. <b>2014</b> , 225, 1	7
1417	Ionic Liquid-based Ultrasound-Assisted In Situ Solvent Formation Microextraction Combined with Electrothermal Atomic Absorption Spectrometry as a Practical Method for Preconcentration and Trace Determination of Vanadium in Water and Food Samples. <b>2014</b> , 7, 1783-1790	21
1416	Optimization of parameters for the alcoholic-assisted dispersive liquid-liquid microextraction of estrogens in water. <b>2014</b> , 11, 1337-1343	9
1415	Novel method for determination of anthracene by coupling dispersive liquid-liquid extraction to first-derivative synchronous spectrofluorimetry. <b>2014</b> , 24, 787-93	2
1414	Determination of trace amounts of zirconium in real samples after microwave digestion and ternary complex dispersive liquid-liquid microextraction. <b>2014</b> , 186, 3523-9	6
1413	Vortex-assisted ionic liquid based liquid-liquid microextraction of selected pesticides from a manufacturing wastewater sample. <b>2014</b> , 12, 98-106	4
1412	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. <b>2014</b> , 7, 1229-1237	11
1411	Dispersive liquid-liquid microextraction in food analysis. A critical review. <b>2014</b> , 406, 2067-99	154
1410	Determination of strobilurin fungicides in cotton seed by combination of acetonitrile extraction and dispersive liquid-liquid microextraction coupled with gas chromatography. <b>2014</b> , 37, 845-52	16
1409	Beyond dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1335, 2-14	4-5 177

1408	Molecularly imprinted polymer coupled with dispersive liquid-liquid microextraction and injector port silylation: a novel approach for the determination of 3-phenoxybenzoic acid in complex biological samples using gas chromatography-tandem mass spectrometry. <b>2014</b> , 945-946, 23-30	16
1407	Determination of cadmium and lead in edible oils by electrothermal atomic absorption spectrometry after reverse dispersive liquid-liquid microextraction. <b>2014</b> , 124, 106-10	60
1406	Application of derivative and derivative ratio spectrophotometry to simultaneous trace determination of rhodamine B and rhodamine 6G after dispersive liquid-liquid microextraction. <b>2014</b> , 128, 312-8	35
1405	Simultaneous Determination of Deltamethrin and Permethrin in Water Samples Using Homogeneous Liquid-Liquid Microextraction via Flotation Assistance and GC-FID. <b>2014</b> , 77, 715-721	14
1404	Novel multiple-solvent simultaneous microextraction for flavonoid and anthraquinone preconcentration in traditional Chinese medicine. <b>2014</b> , 6, 1076	6
1403	Ultrasound-assisted ionic liquid based dispersive liquid-liquid microextraction and flame atomic absorption spectrometry of cobalt, copper, and zinc in environmental water samples. <b>2014</b> , 194, 166-171	75
1402	Dispersive liquid-liquid microextraction for the microvolume spectrophotometric determination of bismuth in pharmaceutical and human serum samples. <b>2014</b> , 6, 3500-3505	20
1401	A novel method for the high preconcentration of trace amounts of the aflatoxins in pistachios by dispersive liquid-liquid microextraction after solid-phase extraction. <b>2014</b> , 6, 3456-3461	40
1400	Ultrasound-assisted dispersive liquid-liquid microextraction based on solidification of floating organic droplets coupled with gas chromatography for the determination of pesticide residues in water samples. <b>2014</b> , 6, 3388	11
1399	Ionic liquid-based dispersive liquid-liquid microextraction for the separation and preconcentration of lead in water samples prior to FAAS determination without chelating agent. <b>2014</b> , 94, 765-773	13
1398	Determination of benzotriazoles in water samples by concurrent derivatization-dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2014</b> , 1336, 1-9	4-5 27
1397	Vortex-Assisted Liquid-Liquid Microextraction (VALLME): Applications. <b>2014</b> , 77, 745-754	41
1396	Optimization of dispersive liquid-liquid microextraction for preconcentration and spectrophotometric determination of phenols in Chabahar Bay seawater after derivatization with 4-aminoantipyrine. <b>2014</b> , 86, 512-517	17
1395	Application of optimized dispersive liquid-liquid microextraction for determination of melatonin by HPLC-UV in plasma samples. <b>2014</b> , 960, 1-7	40
1394	A simple and rapid analysis for gas-phase polycyclic aromatic hydrocarbons using an organic-solvent-based method. <b>2014</b> , 89, 367-372	1
1393	Rapid ionic liquid-based ultrasound assisted dual magnetic microextraction to preconcentrate and separate cadmium-4-(2-thiazolylazo)-resorcinol complex from environmental and biological samples. <b>2014</b> , 123, 194-9	63
1392	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. <i>Journal of Chromatography A</i> , <b>2014</b> , 1347, 8-16	4-5 72
1391	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. <b>2014</b> , 37, 1177-84	18

1390	Multiple functional ionic liquids based dispersive liquid-liquid microextraction combined with high performance chromatography for the determination of phenolic compounds in water samples. <b>2014</b> , 125, 329-35		29
1389	Ionic liquid-based ultrasound-assisted surfactant-emulsified microextraction for simultaneous determination of three important flavoring compounds in plant extracts and urine samples. <b>2014</b> , 62, 761-770		28
1388	Analysis of triazine herbicides using an up-and-down-shaker-assisted dispersive liquid-liquid microextraction coupled with gas chromatography-mass spectrometry. <b>2014</b> , 955-956, 116-23		38
1387	Determination of estrogens in environmental water samples using 1,3-dipentylimidazolium hexafluorophosphate ionic liquid as extraction solvent in dispersive liquid-liquid microextraction. <b>2014</b> , 35, 2479-87		24
1386	UHPLC-MS/MS method for the determination of bisphenol A and its chlorinated derivatives, bisphenol S, parabens, and benzophenones in human urine samples. <b>2014</b> , 406, 3773-85		64
1385	Automated dispersive liquid-liquid microextraction-gas chromatography-mass spectrometry. <b>2014</b> , 86, 3743-9		68
1384	Development of a dispersive liquid-liquid microextraction method based on solidification of a floating organic drop for the determination of beta-carotene in human serum. <b>2014</b> , 69, 352-356		13
1383	Online coupling lab on valve-dispersive liquid-liquid microextraction-multisyringe flow injection with gas chromatography-mass spectrometry for the determination of sixteen priority PAHs in water. <b>2014</b> , 6, 3335-3344		14
1382	A comparison between emulsification of reverse micelle-based supramolecular solvent and solidification of vesicle-based supramolecular solvent for the microextraction of triazines. <i>Journal of Chromatography A</i> , <b>2014</b> , 1327, 155-9	4-5	19
1381	Desirability function approach for the optimization of an in-syringe ultrasound-assisted emulsification-microextraction method for the simultaneous determination of amlodipine and nifedipine in plasma samples. <b>2014</b> , 37, 1467-74		20
1380	Automated in-syringe dispersive liquid-liquid microextraction. <b>2014</b> , 59, 1-8		68
1379	Application of dispersive liquid-liquid microextraction for estrogens' quantification by enzyme-linked immunosorbent assay. <b>2014</b> , 125, 102-6		23
1378	Ceria nanocubic-ultrasonication assisted dispersive liquid-liquid microextraction coupled with matrix assisted laser desorption/ionization mass spectrometry for pathogenic bacteria analysis. <b>2014</b> , 120, 208-17		48
1377	Ultra preconcentration of polycyclic aromatic hydrocarbons in smoked bacon by a combination of SPE and DLLME. <b>2014</b> , 52, 932-7		7
1376	Ultrasound-assisted temperature-controlled ionic-liquid dispersive liquid-phase microextraction method for simultaneous determination of anethole, estragole, and para-anisaldehyde in different plant extracts and human urine: a comparative study. <b>2014</b> , 406, 4501-12		39
1375	In-syringe-assisted dispersive liquid-liquid microextraction coupled to gas chromatography with mass spectrometry for the determination of six phthalates in water samples. <b>2014</b> , 37, 974-81		23
1374	A highly thermal-resistant electrospun-based polyetherimide nanofibers coating for solid-phase microextraction. <b>2014</b> , 406, 2141-9		25
1373	Recent developments in dispersive liquid-liquid microextraction. <b>2014</b> , 406, 2027-66		146

1372	Derivatization and microextraction methods for determination of organic compounds by gas chromatography. <b>2014</b> , 55, 14-23	70
1371	Green aspects, developments and perspectives of liquid phase microextraction techniques. <b>2014</b> , 119, 34-45	251
1370	Ultrasound-vortex-assisted dispersive liquid-liquid microextraction coupled with gas chromatography with a nitrogen-phosphorus detector for simultaneous and rapid determination of organophosphorus pesticides and triazines in wine. <b>2014</b> , 6, 782-790	49
1369	A new method for the determination of benzophenone-UV filters in human serum samples by dispersive liquid-liquid microextraction with liquid chromatography-tandem mass spectrometry. <b>2014</b> , 121, 97-104	48
1368	Vortex-assisted low density solvent based demulsified dispersive liquid-liquid microextraction and high-performance liquid chromatography for the determination of organophosphorus pesticides in water samples. <b>2014</b> , 103, 51-8	100
1367	Evaluation of electrothermal vaporization as a sample introduction technique for the determination of trace elements in biological samples by inductively coupled plasma mass spectrometry, following dispersive liquid-liquid microextraction. <b>2014</b> , 29, 304-314	10
1366	Mycotoxins in cereals and related foodstuffs: A review on occurrence and recent methods of analysis. <b>2014</b> , 36, 96-136	216
1365	Development of on-line spectroscopic determination approach of dispersive liquid-liquid microextraction based on an effective device. <b>2014</b> , 124, 159-64	9
1364	Optimization of two different dispersive liquid-liquid microextraction methods followed by gas chromatography-mass spectrometry determination for polycyclic aromatic hydrocarbons (PAHs) analysis in water. <b>2014</b> , 120, 425-32	81
1363	Determination of herbicides and their metabolites in natural waters by capillary zone electrophoresis combined with dispersive liquid-liquid microextraction and on-line preconcentration. <b>2014</b> , 69, 72-82	8
1362	Emulsion-based liquid-phase microextraction: a review. <b>2014</b> , 11, 1087-1101	23
1361	New trends in sample preparation techniques for environmental analysis. <b>2014</b> , 44, 142-85	72
1360	A Rapid Quantification of $\beta$ -Carotene in Fruits and Vegetables by Dispersive Liquid-Liquid Microextraction Coupled with UV-Vis Spectrophotometry: Optimized by Response Surface Methodology. <b>2014</b> , 7, 1481-1488	8
1359	Dispersive liquid-liquid microextraction followed by high performance liquid chromatography for determination of phthalic esters in environmental water samples. <b>2014</b> , 6, 1121-1127	14
1358	Strategies of sample preparation for speciation analysis of inorganic antimony using hydride generation atomic spectrometry. <b>2014</b> , 114, 22-31	34
1357	Liquid phase microextraction of pesticides: a review on current methods. <b>2014</b> , 181, 829-851	69
1356	Determination of gold and palladium in environmental samples by FAAS after dispersive liquid-liquid microextraction pretreatment. <b>2014</b> , 20, 4059-4065	32
1355	Ionic liquids in analytical chemistry: fundamentals, advances, and perspectives. <b>2014</b> , 86, 262-85	381



1354	Rapid determination of phthalate esters in alcoholic beverages by conventional ionic liquid dispersive liquid-liquid microextraction coupled with high performance liquid chromatography. <b>2014</b> , 119, 291-8		68
1353	Dispersive liquid-liquid microextraction of trace amounts of molybdenum prior to electro-thermal atomic absorption spectrometry determination. <b>2014</b> , 94, 247-254		8
1352	DETERMINATION OF CHLORPYRIFOS AND ITS MAIN DEGRADATION PRODUCT TCP IN WATER SAMPLES BY DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROPLET COMBINED WITH HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <b>2014</b> , 37, 1499-1512		14
1351	Derivatization and Solidification of Floating Dispersive Liquid-phase Microextraction for the Analysis of Kanamycin in Wastewater and Soil by HPLC with Fluorescence Detection. <b>2014</b> , 42, 364-370		16
1350	Vortex-assisted surfactant-enhanced-emulsification liquid-liquid microextraction of biogenic amines in fermented foods before their simultaneous analysis by high-performance liquid chromatography. <b>2014</b> , 37, 3164-73		30
1349	Application of an optimized dispersive nanomaterial ultrasound-assisted microextraction method for preconcentration of carbofuran and propoxur and their determination by high-performance liquid chromatography with UV detection. <b>2014</b> , 37, 3117-24		32
1348	Magnetic molecularly imprinted polymer nanoparticles coupled with high performance liquid chromatography for solid-phase extraction of carvedilol in serum samples. <b>2014</b> , 131, n/a-n/a		13
1347	Magnetic ionic liquid-based dispersive liquid-liquid microextraction for the determination of triazine herbicides in vegetable oils by liquid chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1373, 9-16	4-5	88
1346	Off-line sample preparation by electrophoretic concentration using a micropipette and hydrogel. <i>Journal of Chromatography A</i> , <b>2014</b> , 1369, 186-90	4-5	9
1345	Trace analysis of herbicides in wastewaters by a dispersive liquid-liquid microextraction approach and liquid chromatography with quadrupole linear ion trap mass spectrometry: evaluation of green parameters. <b>2014</b> , 37, 1511-20		7
1344	New approaches in sensitive chiral CE. <b>2014</b> , 35, 12-27		28
1343	Trace level enrichment of lead from environmental water samples utilizing dispersive liquid-liquid microextraction and quantitative determination by graphite furnace atomic absorption spectrometry. <b>2014</b> , 49, 833-42		5
1342	A highly sensitive spectrophotometric determination of ultra trace amounts of azide ion in water and biological samples after preconcentration using dispersive liquid-liquid microextraction technique. <b>2014</b> , 69, 805-811		2
1341	Evaluation of alcoholic-assisted dispersive liquid-liquid microextraction of bisphenol a in water samples using an experimental design. <b>2014</b> , 26, 401-412		6
1340	Directly suspended-solidified floating organic droplets for the determination of fungicides in water and honey samples. <b>2014</b> , 6, 7510-7517		9
1339	The development of ultrasound-assisted extraction/dispersive liquid-liquid microextraction coupled with DSI-GC-IT/MS for analysis of essential oil from fresh flowers of <i>Edgeworthia chrysantha</i> Lindl.. <b>2014</b> , 6, 3345-3352		11
1338	Screening and quantification of 304 pesticides and related organic pollutants in surface water using dispersive liquid-liquid microextraction coupled with gas chromatography-mass spectrometry. <b>2014</b> , 6, 1743-1752		12
1337	Dispersive liquid-liquid microextraction using ammonium O,O-diethyl dithiophosphate (DDTP) as chelating agent and graphite furnace atomic absorption spectrometry for the determination of silver in biological samples. <b>2014</b> , 6, 5584		6

1336	Dispersive Liquid-Liquid Microextraction of Nickel Prior to Its Determination by Microsample Injection System-Flame Atomic Absorption Spectrometry. <b>2014</b> , 47, 2195-2208	10
1335	In-syringe magnetic stirring assisted dispersive liquid-liquid micro-extraction with solvent washing for fully automated determination of cationic surfactants. <b>2014</b> , 6, 9601-9609	24
1334	Determination of trace bismuth by using a portable spectrometer after ultrasound-assisted dispersive liquid-liquid microextraction. <b>2014</b> , 6, 8773-8778	13
1333	Development of a gas chromatography-mass spectrometry method for the determination of ultraviolet filters in beach sand samples. <b>2014</b> , 6, 7772-7780	22
1332	Application of ultrasound-assisted dispersive liquid-liquid microextraction and automated in-port silylation for the simultaneous determination of phenolic endocrine disruptor chemicals in water samples by gas chromatography-triple quadrupole mass spectrometry. <b>2014</b> , 6, 1802	26
1331	Cloud Point-Dispersive Liquid-Liquid Microextraction for Extraction of Organic Acids from Biological Samples. <b>2014</b> , 17, 1259-1267	10
1330	Vortex-assisted extraction in tandem with dispersive liquid-liquid microextraction followed by GC-MS for determination of <i>Achillea wilhelmsii</i> essential oil. <b>2014</b> , 6, 6695	14
1329	Vortex-assisted liquid-liquid micro-extraction and high-performance liquid chromatography for a higher sensitivity methyl methacrylate determination in biological matrices. <b>2014</b> , 28, 680-5	4
1328	Determination of parent and methylated polycyclic aromatic hydrocarbons in water samples by dispersive liquid-liquid microextraction-two dimensional gas chromatography-time-of-flight mass spectrometry. <b>2014</b> , 6, 6678	9
1327	Dual dispersive extraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry for determination of trace REEs in water and sediment samples. <b>2014</b> , 4, 19960	22
1326	Simultaneous determination of four aliphatic amines in aquatic products by ultrasound-assisted dispersive liquid-liquid microextraction coupled with high performance capillary electrophoresis. <b>2014</b> , 6, 5140-5146	8
1325	Analysis of trace bromadiolone and brodifacoum in environmental water samples by ionic liquid ultrasound-assisted dispersive liquid-liquid microextraction and LC-MS/MS. <b>2014</b> , 6, 5879-5885	6
1324	Dispersive liquid-liquid microextraction for preconcentration and determination of phenytoin in real samples using response surface methodology-high performance liquid chromatography. <b>2014</b> , 4, 62190-62196	14
1323	Ultrasound-assisted dispersive liquid-liquid microextraction combined with high performance liquid chromatography for sensitive determination of five biogenic amines in fermented fish samples. <b>2014</b> , 6, 1128	21
1322	Rapid preparation of robust polyaniline coating on an etched stainless steel wire for solid-phase microextraction of dissolved bisphenol A in drinking water and beverages. <b>2014</b> , 6, 3467-3473	10
1321	Assessment of dispersive liquid-liquid microextraction conditions for gas chromatography time-of-flight mass spectrometry identification of organic compounds in honey. <i>Journal of Chromatography A</i> , <b>2014</b> , 1368, 26-36	4.5 14
1320	Optimization of ultrasound-assisted dispersive liquid-liquid microextraction for ultra performance liquid chromatography determination of benzodiazepines in urine and hospital wastewater. <b>2014</b> , 6, 8239-8246	21
1319	Ionic liquid dispersive liquid-liquid microextraction combined with high performance liquid chromatography for determination of tetracycline drugs in eggs. <b>2014</b> , 6, 6459-6466	19

1318	Effervescence-assisted dispersive liquid-liquid microextraction using a solid effervescent agent as a novel dispersion technique for the analysis of fungicides in apple juice. <b>2014</b> , 37, 3157-63		40
1317	Microfunnel-supported liquid-phase microextraction: application to extraction and determination of Irgarol 1051 and diuron in the Persian Gulf seawater samples. <i>Journal of Chromatography A</i> , <b>2014</b> , 1356, 32-7	4-5	24
1316	Development of combined salt- and air-assisted liquid-liquid microextraction as a novel sample preparation technique. <b>2014</b> , 6, 8469-8475		28
1315	Ultrasound-assisted dispersive liquid-liquid microextraction based on the solidification of a floating organic droplet followed by gas chromatography for the determination of eight pyrethroid pesticides in tea samples. <b>2014</b> , 969, 123-7		59
1314	Applications of liquid-phase microextraction techniques in natural product analysis: a review. <i>Journal of Chromatography A</i> , <b>2014</b> , 1368, 1-17	4-5	79
1313	Rapid pretreatment and determination of bisphenol A in water samples based on vortex-assisted liquid-liquid microextraction followed by high-performance liquid chromatography with fluorescence detection. <b>2014</b> , 37, 2745-50		13
1312	Simple and fast method for iron determination in white and red wines using dispersive liquid-liquid microextraction and ultraviolet-visible spectrophotometry. <b>2014</b> , 62, 8340-5		15
1311	Determination of phthalate acid esters in soybean milk using dispersive liquid-liquid microextraction coupled with gas chromatography and mass spectrometric detection. <b>2014</b> , 6, 7361-7366		9
1310	Water with low concentration of surfactant in dispersed solvent-assisted emulsion dispersive liquid-liquid microextraction for the determination of fungicides in wine. <b>2014</b> , 62, 9059-65		14
1309	Slow-injection ultrasound-assisted emulsification-microextraction for determination of phthalate esters in water. <b>2014</b> , 52, 1127-34		6
1308	Rapid detection of atrazine and metolachlor in farm soils: gas chromatography-mass spectrometry-based analysis using the bubble-in-drop single drop microextraction enrichment method. <b>2014</b> , 62, 7676-81		28
1307	Chemometric optimization of dispersive suspended microextraction followed by gas chromatography-mass spectrometry for the determination of polycyclic aromatic hydrocarbons in natural waters. <i>Journal of Chromatography A</i> , <b>2014</b> , 1355, 46-52	4-5	24
1306	A new analytical method to determine non-steroidal anti-inflammatory drugs in surface water using in situ derivatization combined with ultrasound-assisted emulsification microextraction followed by gas chromatography-mass spectrometry. <b>2014</b> , 129, 552-9		36
1305	Vortex and air assisted liquid-liquid microextraction as a sample preparation method for high-performed liquid chromatography determinations. <b>2014</b> , 130, 171-6		31
1304	Determination of Tetracyclines in Water by Ethyl Acetate Ionic Liquid Dispersive Liquid-Liquid Microextraction and High-Performance Liquid Chromatography. <b>2014</b> , 47, 1783-1795		13
1303	Ionic liquid-assisted liquid-phase microextraction based on the solidification of floating organic droplets combined with high performance liquid chromatography for the determination of benzoylurea insecticide in fruit juice. <i>Journal of Chromatography A</i> , <b>2014</b> , 1360, 47-56	4-5	36
1302	High performance liquid chromatographic determination of ultra traces of two tricyclic antidepressant drugs imipramine and trimipramine in urine samples after their dispersive liquid-liquid microextraction coupled with response surface optimization. <b>2014</b> , 100, 271-278		33
1301	Comparison of two ionic liquid dispersive liquid-liquid microextraction approaches for the determination of benzoylurea insecticides in wastewater using liquid chromatography-quadrupole-linear ion trap-mass spectrometry: evaluation of green parameters. <i>Journal of Chromatography A</i> , <b>2014</b> , 1356, 1-9	4-5	48

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1299	Solid-phase dispersive extraction method for analysis of benzodiazepine drugs in serum and urine samples. <b>2014</b> , 100, 28-32		20
1298	Water-contained surfactant-based vortex-assisted microextraction method combined with liquid chromatography for determination of synthetic antioxidants from edible oil. <i>Journal of Chromatography A</i> , <b>2014</b> , 1361, 9-15	4.5	23
1297	Liquid-phase microextraction techniques based on ionic liquids for preconcentration and determination of metals. <b>2014</b> , 61, 54-66		100
1296	Extraction and enrichment of triazole and triazine pesticides from honey using air-assisted liquid-liquid microextraction. <b>2014</b> , 79, H2140-8		38
1295	Salting-out assisted liquid-liquid extraction coupled to dispersive liquid-liquid microextraction for the determination of chlorophenols in wine by high-performance liquid chromatography. <b>2014</b> , 37, 3662-8		23
1294	Dispersive liquid-liquid microextraction for the determination of phenols by acetonitrile stacking coupled with sweeping-micellar electrokinetic chromatography with large-volume injection. <i>Journal of Chromatography A</i> , <b>2014</b> , 1361, 291-8	4.5	22
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1292	Gas chromatographic determination of three chlorophenols in toilet paper by ultrasonic assisted extraction and synchronous derivative dispersive liquid-liquid microextraction. <b>2014</b> , 6, 207-214		7
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1290	Application of vortex-assisted supramolecular solvent liquid-liquid microextraction for trace determination of nitroaniline isomers. <b>2014</b> , 94, 812-821		6
1289	Determination of lewisite metabolite 2-chlorovinylarsonous acid in urine by use of dispersive derivatization liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <b>2014</b> , 406, 5221-30		17
1288	Improved sample preparation and GCMS analysis of priority organic pollutants. <b>2014</b> , 12, 419-427		5
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1286	Ionic liquid based dispersive liquid-liquid microextraction followed by RP-HPLC determination of balofloxacin in rat serum. <b>2014</b> , 6, 1674		7
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1283	Feasibility of corona discharge ion mobility spectrometry for direct analysis of samples extracted by dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1343, 63-8	4.5	27

1282	Improved dispersive liquid-liquid microextraction based on the solidification of floating organic droplet method with a binary mixed solvent applied for determination of nicotine and cotinine in urine. <b>2014</b> , 6, 2384	22
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1279	Development of green miniaturized dispersive ionic liquid nano-emulsion method for preconcentration of cadmium from canal and waste water samples prior to coupling with graphite furnace atomic absorption spectrometry. <b>2014</b> ,	2
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1277	Application of ultrasound-assisted emulsification microextraction for simultaneous determination of aminophenol isomers in human urine, hair dye, and water samples using high-performance liquid chromatography. <b>2014</b> , 33, 863-72	11
1276	Micellar Dispersive Liquid-Liquid Microextraction for Preconcentration of Cu(I) in Environmental Samples. <b>2014</b> , 39, 95-101	1
1275	Dispersive liquid-liquid microextraction for simultaneous determination of six parabens in aqueous cosmetics. <b>2014</b> , 30, 368-373	4
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1268	Application of modern sample preparation techniques to the determination of chloropropanols in food samples. <b>2014</b> , 62, 173-183	16
1267	Optimized Ultrasound-Assisted Emulsification-Microextraction Followed by ICP-OES for Simultaneous Determination of Ytterbium and Holmium in Natural Water. <b>2014</b> , 42, 1089-1097	8
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1262	Application of response surface methodology for determination of methyl red in water samples by spectrophotometry method. <b>2014</b> , 133, 87-92	33
1261	Novel cation selective exhaustive injection-sweeping procedure for 5-nitroimidazole determination in waters by micellar electrokinetic chromatography using dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2014</b> , 1341, 65-72	4.5 28
1260	Extraction of dimethyl sulfoxide using ionic-liquid-based aqueous biphasic systems. <b>2014</b> , 124, 107-116	18
1259	Determination of pyrethroid pesticides residues in vegetable oils using liquid-liquid extraction and dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <b>2014</b> , 34, 128-135	65
1258	HOMOGENEOUS LIQUID-LIQUID MICROEXTRACTION VIA FLOTATION ASSISTANCE FOLLOWED BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY AS AN EFFICIENT AND SENSITIVE TECHNIQUE FOR THE DETERMINATION OF ABAMECTIN IN AQUATIC SAMPLES. <b>2014</b> , 37, 2559-2570	3
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1244	Simultaneous derivatization and extraction of chlorophenols in water samples with up-and-down shaker-assisted dispersive liquid-liquid microextraction coupled with gas chromatography/mass spectrometric detection. <b>2014</b> , 406, 2123-31	30
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1168	Application of Optimized Vortex-Assisted Surfactant-Enhanced DLLME for Preconcentration of Thymol and Carvacrol, and Their Determination by HPLC-UV: Response Surface Methodology. <b>2015</b> , 53, 1222-31		23
1167	Mn-doped ZnS quantum dots with a 3-mercaptopropionic acid assembly as a ratiometric fluorescence probe for the determination of curcumin. <b>2015</b> , 5, 21504-21510		36
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1165	Determination of 13 endocrine disrupting chemicals in sediments by gas chromatography-mass spectrometry using subcritical water extraction coupled with dispersed liquid-liquid microextraction and derivatization. <b>2015</b> , 866, 41-47		31
1164	Bioactive phytochemicals in wheat: Extraction, analysis, processing, and functional properties. <b>2015</b> , 18, 910-925		69
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1148	A simplified vortex-assisted emulsification microextraction method for determining personal care products in environmental water samples by ultra-high-performance liquid chromatography. <b>2015</b> , 7, 1825-1833	12
1147	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. <b>2015</b> , 983-984, 55-61	23
1146	Ion pair-based dispersive liquid-liquid microextraction followed by high performance liquid chromatography as a new method for determining five folate derivatives in foodstuffs. <b>2015</b> , 137, 31-7	27
1145	Determination of furfural and hydroxymethyl furfural from baby formula using dispersive liquid-liquid microextraction coupled with high performance liquid chromatography and method optimization by response surface methodology. <b>2015</b> , 40, 1-7	35
1144	Vortex-assisted magnetic $\beta$ -cyclodextrin/attapulgite-linked ionic liquid dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the fast determination of four fungicides in water samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1381, 37-47	4.5 43
1143	Determination of Indole-3-acetic Acid and Abscisic Acid by Double-Direction Dispersive Liquid-Liquid Microextraction Coupled with High-Performance Liquid Chromatography. <b>2015</b> , 48, 586-593	5
1142	Dispersive liquid-liquid microextraction and HPLC to analyse fluoxetine and metoprolol enantiomers in wastewaters. <b>2015</b> , 13, 203-210	15
1141	Determination of parabens in human milk and other food samples by capillary electrophoresis after dispersive liquid-liquid microextraction with back-extraction. <b>2015</b> , 181, 1-8	60
1140	Extraction and determination of polycyclic aromatic hydrocarbons in water samples using stir bar sorptive extraction (SBSE) combined with dispersive liquid-liquid microextraction based on the solidification of floating organic drop (DLLME-SFO) followed by HPLC-UV. <b>2015</b> , 5, 20339-20345	37
1139	Solid-Phase Extraction Followed by Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop for the Determination of Parabens. <b>2015</b> , 53, 1414-9	17

1138	Determination of triazine herbicides in fresh vegetables by dynamic microwave-assisted extraction coupled with homogeneous ionic liquid microextraction high performance liquid chromatography. <b>2015</b> , 407, 1753-62	22
1137	A new and fast DLLME-CE method for the enantioselective analysis of zopiclone and its active metabolite after fungal biotransformation. <b>2015</b> , 109, 192-201	17
1136	Rapid Screening of Oxytetracycline Residue in Fish Muscle by Dispersive Liquid-Liquid Microextraction and Europium-Sensitized Luminescence. <b>2015</b> , 8, 2052-2058	4
1135	Dispersive Liquid-Liquid Microextraction Combined With Micellar Electrokinetic Chromatography for the Determination of Some Photoinitiators in Fruit Juice. <b>2015</b> , 8, 973-981	3
1134	Determination of Parabens in Cosmetics by Liquid-Phase Microextractions and High-Performance Liquid Chromatography-Diode Array Detection. <b>2015</b> , 38, 82-91	3
1133	Extensible automated dispersive liquid-liquid microextraction. <b>2015</b> , 872, 46-54	27
1132	Determination of uranium in water samples using homogeneous liquid-liquid microextraction via flotation assistance and inductively coupled plasma-optical emission spectrometry. <b>2015</b> , 304, 1193-1200	13
1131	Determination of polycyclic aromatic hydrocarbons using lab on valve dispersive liquid-liquid microextraction coupled to high performance chromatography. <b>2015</b> , 138, 190-195	32
1130	Development of an ionic-liquid-based dispersive liquid-liquid microextraction method for the determination of antichagasic drugs in human breast milk: Optimization by central composite design. <b>2015</b> , 38, 1591-600	15
1129	Optimization of magnetic stirring assisted dispersive liquid-liquid microextraction of rhodamine B and rhodamine 6G by response surface methodology: Application in water samples, soft drink, and cosmetic products. <b>2015</b> , 139, 216-25	41
1128	Dispersive liquid-liquid microextraction method based on solidification of floating organic droplet for the determination of thiamphenicol and florfenicol in environmental water samples. <b>2015</b> , 115, 229-33	21
1127	Application of Preconcentration and Separation Techniques in Atomic Fluorescence Spectrometry. <b>2015</b> , 50, 678-705	14
1126	Determination of hormones, a plasticizer, preservatives, perfluoroalkylated compounds, and a flame retardant in water samples by ultrasound-assisted dispersive liquid-liquid microextraction based on the solidification of a floating organic drop. <b>2015</b> , 143, 335-343	45
1125	Automatic in-syringe dispersive liquid-liquid microextraction of $^{137}\text{Cs}$ from biological samples and hospital residues prior to liquid scintillation counting. <b>2015</b> , 407, 5571-8	18
1124	High-throughput screening for new psychoactive substances (NPS) in whole blood by DLLME extraction and UHPLC-MS/MS analysis. <b>2015</b> , 1000, 57-68	66
1123	Simultaneous speciation of inorganic arsenic, selenium and tellurium in environmental water samples by dispersive liquid liquid microextraction combined with electrothermal vaporization inductively coupled plasma mass spectrometry. <b>2015</b> , 142, 213-20	51
1122	Recent advances in dispersive liquid-liquid microextraction for pesticide analysis. <b>2015</b> , 72, 181-192	114
1121	Determination of monoamine neurotransmitters in human urine by carrier-mediated liquid-phase microextraction based on solidification of stripping phase. <b>2015</b> , 144, 356-62	17

1120	Recent advances in analysis of phthalate esters in foods. <b>2015</b> , 72, 10-26		87
1119	Dispersive liquid-liquid microextraction: An efficient approach for the extraction of Cd and Pb from honey and determination by flame atomic absorption spectrometry. <b>2015</b> , 123, 211-217		38
1118	Development and evaluation of electromembrane extraction across a hollow polymer inclusion membrane. <i>Journal of Chromatography A</i> , <b>2015</b> , 1406, 34-9	4-5	39
1117	Rapid and sensitive analysis of microcystins using ionic liquid-based in situ dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , <b>2015</b> , 1406, 10-8	4-5	40
1116	Hydrosols from Lavender ( <i>Lavandula angustifolia</i> )-Determination of the Chemical Composition Using Dispersive Liquid-Liquid Microextraction (DLLME). <b>2015</b> , 18, 519-528		6
1115	The penetration of green sample-preparation techniques in comprehensive two-dimensional gas chromatography. <b>2015</b> , 71, 74-84		21
1114	Capillary electrophoresis with UV detection, on-line stacking and off-line dispersive liquid-liquid microextraction for determination of verapamil enantiomers in plasma. <b>2015</b> , 7, 5820-5829		31
1113	Ultrasound assisted extraction and dispersive liquid-liquid microextraction with liquid chromatography-tandem mass spectrometry for determination of alkylphenol levels in cleaning products. <b>2015</b> , 7, 6718-6725		4
1112	Surfactant-less water emulsion based dispersive liquid-liquid microextraction for determination of organophosphorus pesticides in aqueous samples. <b>2015</b> , 7, 7899-7906		8
1111	Trace determination of five organophosphorus pesticides by using QuEChERS coupled with dispersive liquid-liquid microextraction and stacking before micellar electrokinetic chromatography. <b>2015</b> , 7, 5801-5807		16
1110	Application of an Ultrasound-assisted Polymer Surfactant-enhanced Emulsification Microextraction for Determination of Aromatic Amines in Water Sample. <b>2015</b> , 43, 957-963		9
1109	Liquid Chromatographic Determination of NSAIDs in Urine After Dispersive Liquid-liquid Microextraction Based on Solidification of Floating Organic Droplets. <b>2015</b> , 78, 987-994		24
1108	In-situ suspended aggregate microextraction: A sample preparation approach for the enrichment of organic compounds in aqueous solutions. <i>Journal of Chromatography A</i> , <b>2015</b> , 1408, 63-71	4-5	7
1107	Rotative Liquid-Liquid Microextraction as a Preconcentration Method in Combination with Fiber Optic-Linear Array Detection Spectrophotometry for the Determination of Cobalt in Pharmaceutical Samples. <b>2015</b> , 150610070032005		1
1106	Ion pair-dispersive liquid-liquid microextraction coupled to microsample injection system-flame atomic absorption spectrometry for determination of gold at trace level in real samples. <b>2015</b> , 62, 196-203		9
1105	A dispersive liquid-liquid microextraction and chiral separation of carvedilol in human plasma using capillary electrophoresis. <b>2015</b> , 7, 1107-17		25
1104	Comparison between dispersive liquid-liquid microextraction and ultrasound-assisted nanoparticles-dispersive solid-phase microextraction combined with microvolume spectrophotometry method for the determination of Auramine-O in water samples. <b>2015</b> , 5, 39084-39096		67
1103	Accelerated solvent extraction combined with dispersive liquid-liquid microextraction before gas chromatography with mass spectrometry for the sensitive determination of phenols in soil samples. <b>2015</b> , 38, 1419-25		10

1102	Monitoring of pyridine, 3-picoline and quinoline in smokers'urine using ultrasound-assisted emulsification microextraction coupled with high-performance liquid chromatography. <b>2015</b> , 12, 1757-1763	2
1101	Determination of leucomalachite green, leucocrystal violet and their chromic forms using excitation-emission matrix fluorescence coupled with second-order calibration after dispersive liquid-liquid microextraction. <b>2015</b> , 185, 479-87	21
1100	Recent achievements in solidified floating organic drop microextraction. <b>2015</b> , 68, 48-77	73
1099	A rare SNP mutation in Brachytic2 moderately reduces plant height and increases yield potential in maize. <b>2015</b> , 66, 3791-802	54
1098	Simultaneous determination of plant hormones in peach based on dispersive liquid-liquid microextraction coupled with liquid chromatography-ion trap mass spectrometry. <b>2015</b> , 992, 8-13	17
1097	Determination of zearalenone in maize products by vortex-assisted ionic-liquid-based dispersive liquid-liquid microextraction with high-performance liquid chromatography. <b>2015</b> , 38, 2126-31	17
1096	Up-and-down-shaker-assisted dispersive liquid-liquid microextraction coupled with gas chromatography-mass spectrometry for the determination of fungicides in wine. <b>2015</b> , 185, 377-82	25
1095	Comparison of ultrasound-assisted cloud point extraction and ultrasound-assisted dispersive liquid liquid microextraction for copper coupled with spectrophotometric determination. <b>2015</b> , 148, 72-7	37
1094	Dispersive liquid-liquid microextraction combined with laser-induced breakdown spectrometry and inductively coupled plasma optical emission spectrometry to elemental analysis. <b>2015</b> , 121, 219-226	35
1093	Extraction and GC-MS analysis of phthalate esters in food matrices: a review. <b>2015</b> , 5, 37023-37043	67
1092	Optimization of dispersive liquid-liquid microextraction combined with high performance liquid chromatography for the analysis of dipyrindamole in water and urine samples. <b>2015</b> , 146, 1593-1601	6
1091	Determination of Vanadium Levels in Seafood Using Dispersive Liquid-Liquid Microextraction and Optical Sensors. <b>2015</b> , 226, 1	6
1090	Supercritical fluid extraction combined with ultrasound-assisted dispersive liquid-liquid microextraction for analyzing alkylphenols in soil samples. <b>2015</b> , 12, 1287-1292	8
1089	Nanostructured conducting polypyrrole film prepared by chemical vapor deposition on the interdigital electrodes at room temperature under atmospheric condition and its application as gas sensor. <b>2015</b> , 12, 1585-1594	20
1088	Comparison of ultrasound-enhanced air-assisted liquid-liquid microextraction and low-density solvent-based dispersive liquid-liquid microextraction methods for determination of nonsteroidal anti-inflammatory drugs in human urine samples. <b>2015</b> , 111, 297-305	39
1087	Application of cinnamoyl derivative as a new ligand for dispersive liquid-liquid microextraction and spectrophotometric determination of cobalt. <b>2015</b> , 70, 298-304	11
1086	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. <b>2015</b> , 887, 1-16	62
1085	Vortex-assisted liquid-liquid-liquid microextraction (VALLLME) technique: A new microextraction approach for direct liquid chromatography and capillary electrophoresis analysis. <b>2015</b> , 143, 394-401	20

1084	Ultra-trace arsenic and mercury speciation and determination in blood samples by ionic liquid-based dispersive liquid-liquid microextraction combined with flow injection-hydride generation/cold vapor atomic absorption spectroscopy. <b>2015</b> , 69,		16
1083	pH-sensitive hydrogel for coacervative cloud point extraction and spectrophotometric determination of Cu (II): optimization by central composite design. <b>2015</b> , 12, 1781-1787		10
1082	Development of ionic liquid based electromembrane extraction and its application to the enrichment of acidic compounds in pig kidney tissues. <b>2015</b> , 5, 37682-37690		17
1081	Application of In-Syringe Dispersive Liquid-Liquid Microextraction Coupled to GC/FID for Determination of Trace Contamination of Phthalate Esters in Water Samples. <b>2015</b> , 53, 1420-6		4
1080	An elevated temperature-dispersive liquid-liquid microextraction method combined with GC-flame ionization detection as a sensitive method for determining phthalate esters. <b>2015</b> , 7, 4269-4277		5
1079	Determination of estrogenic mycotoxins in environmental water samples by low-toxicity dispersive liquid-liquid microextraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1391, 1-8	4-5	25
1078	UV-vis spectrophotometric determination of trinitrotoluene (TNT) with trioctylmethylammonium chloride as ion pair assisted and disperser agent after dispersive liquid-liquid microextraction. <b>2015</b> , 251, 77-82		18
1077	Dispersive liquid-liquid microextraction for the determination of new generation pesticides in soils by liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1394, 1-8	4-5	27
1076	Determination of Urinary PAH Metabolites Using DLLME Hyphenated to Injector Port Silylation and GC-MS-MS. <b>2015</b> , 39, 365-73		30
1075	Air-assisted liquid-liquid microextraction by solidifying the floating organic droplets for the rapid determination of seven fungicide residues in juice samples. <b>2015</b> , 875, 54-60		36
1074	Dispersive liquid-liquid microextraction: trends in the analysis of biological samples. <b>2015</b> , 7, 2211-25		27
1073	Ionic Liquid Based Dispersive Liquid-liquid Microextraction for Preconcentration of Zearalenone and Its Determination in Beer and Cereal Samples by High-Performance Liquid Chromatography with Fluorescence Detection. <b>2015</b> , 38, 1601-1607		7
1072	Analysis of oxybutynin and N-desethyloxybutynin in human urine by dispersive liquid-liquid microextraction (DLLME) and capillary electrophoresis (CE). <b>2015</b> , 7, 8763-8770		6
1071	Biomonitoring of human exposures to chlorinated derivatives and structural analogs of bisphenol A. <b>2015</b> , 85, 352-79		74
1070	Efficient and selective extraction and determination of ultra trace amounts of Hg <sup>2+</sup> using solid phase extraction combined with ion pair based surfactant-assisted dispersive liquid-liquid microextraction. <b>2015</b> , 5, 100511-100521		48
1069	Rapid screening of haloacetamides in water using salt-assisted liquid-liquid extraction coupled injection-port silylation gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1422, 340-344	4-5	15
1068	Electro membrane extraction using sorbent filled porous membrane bag. <i>Journal of Chromatography A</i> , <b>2015</b> , 1423, 1-8	4-5	12
1067	Dual dispersive liquid-liquid microextraction for determination of phenylpropenes in oils by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1410, 60-7	4-5	16



1066	Ion pair-based dispersive liquid-liquid microextraction combined with UV-Vis spectrophotometry as a circuitous assay for nitrite. <b>2015</b> , 7, 8655-8662		14
1065	Low-density solvent based vortex-assisted surfactant enhanced emulsification microextraction with a home-made extraction device for the determination of four herbicide residues in river water. <b>2015</b> , 7, 9513-9519		2
1064	Ultrasound-assisted dispersive liquid-liquid microextraction followed by GC-MS/MS analysis for the determination of valproic acid in urine samples. <b>2015</b> , 7, 2451-9		9
1063	Vortex- and Shaker-Assisted Liquid-Liquid Microextraction (VSA-LLME) Coupled with Gas Chromatography and Mass Spectrometry (GC-MS) for Analysis of 16 Polycyclic Aromatic Hydrocarbons (PAHs) in Offshore Produced Water. <b>2015</b> , 226, 1		19
1062	Low density solvent based dispersive liquid-liquid microextraction and preconcentration of multiresidue pesticides in environmental waters for liquid chromatographic analysis. <b>2015</b> , 70, 1199-1206		12
1061	Application of a fast and cost-effective in situ derivatization method prior to gas chromatography with mass spectrometry to monitor endocrine disruptors in water matrices. <b>2015</b> , 38, 1983-9		4
1060	Application of modified magnetic nanoparticles as a sorbent for preconcentration and determination of nickel ions in food and environmental water samples. <b>2015</b> , 74, 146-151		30
1059	Microwave-assisted liquid-liquid microextraction based on solidification of floating organic droplet for the determination of triazines in honey samples. <b>2015</b> , 7, 9114-9120		6
1058	Ultra-preconcentration and determination of organophosphorus pesticides in soil samples by a combination of ultrasound assisted leaching-solid phase extraction and low-density solvent based dispersive liquid-liquid microextraction. <b>2015</b> , 5, 75174-75181		11
1057	Chemometric-based determination of polycyclic aromatic hydrocarbons in aqueous samples using ultrasound-assisted emulsification microextraction combined to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1413, 117-26	4.5	26
1056	Modified QuEChERS in combination with dispersive liquid-liquid microextraction based on solidification of the floating organic droplet method for the determination of organophosphorus pesticides in milk samples. <b>2015</b> , 53, 1813-20		6
1055	Recent developments in the determination of residual solvents in pharmaceutical products by microextraction methods. <b>2015</b> , 7, 8511-8523		14
1054	Sample Preparation Methods for the Determination of Chlorination Disinfection Byproducts in Water Samples. <b>2015</b> , 78, 1135-1142		10
1053	Ion pair based dispersive liquid-liquid microextraction for the preconcentration of ultra-trace levels of bismuth(III) and its determination by electrothermal atomic absorption spectroscopy. <b>2015</b> , 7, 7653-7658		12
1052	The role of liquid-phase microextraction techniques in bioanalysis. <b>2015</b> , 7, 2195-201		13
1051	Determination of lipoic acid in biological samples. <b>2015</b> , 7, 1785-98		12
1050	Estrogens determination in wastewater samples by automatic in-syringe dispersive liquid-liquid microextraction prior silylation and gas chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1413, 1-8	4.5	36
1049	Progress of Extraction Solvent Dispersion Strategies for Dispersive Liquid-liquid Microextraction. <b>2015</b> , 43, 1231-1240		23

1048	Determination of neonicotinoid insecticide residues in edible oils by water-induced homogeneous liquid-liquid extraction and dispersive liquid-liquid extraction followed by high performance liquid chromatography-diode array detection. <b>2015</b> , 5, 77501-77507	6
1047	A combined technique for the pretreatment of ultra trace bisphenol A in environmental water based on magnetic matrix solid phase extraction assisted dispersive liquid-liquid microextraction. <b>2015</b> , 7, 10170-10176	13
1046	Applications of Experimental Design to the Optimization of Microextraction Sample Preparation Parameters for the Analysis of Pesticide Residues in Fruits and Vegetables. <b>2015</b> , 98, 1171-85	8
1045	Optimized Dispersive Liquid-Liquid Microextraction Method and High Performance Liquid Chromatography with Ultraviolet Detection for Simultaneous Determination of Sorbic and Benzoic Acids and Evaluation of Contamination of These Preservatives in Iranian Foods. <b>2015</b> , 98, 962-70	10
1044	Analysis of drugs of abuse in human plasma by dispersive liquid-liquid microextraction and high-performance liquid chromatography. <b>2015</b> , 35, 418-25	30
1043	Determination of three antidepressants in urine using simultaneous derivatization and temperature-assisted dispersive liquid-liquid microextraction followed by gas chromatography-flame ionization detection. <b>2015</b> , 29, 1094-102	18
1042	Determination of clevidipine and its primary metabolite in rat plasma by a dispersive liquid-liquid microextraction method. <b>2015</b> , 53, 830-5	2
1041	Latest approaches on green chemistry preconcentration methods for trace metal determination in seawater--a review. <b>2015</b> , 151, 44-55	34
1040	Ionic liquids for improving the extraction of NSAIDs in water samples using dispersive liquid-liquid microextraction by high performance liquid chromatography-diode array-fluorescence detection. <b>2015</b> , 134, 619-626	43
1039	Determination of fluoroquinolone drugs in meat by ionic-liquid-based dispersive liquid-liquid microextraction-high performance liquid chromatography. <b>2015</b> , 7, 1046-1052	15
1038	Screen-printed electrode based electrochemical detector coupled with ionic liquid dispersive liquid-liquid microextraction and microvolume back-extraction for determination of mercury in water samples. <b>2015</b> , 135, 34-40	33
1037	Fast agitated directly suspended droplet microextraction technique for the rapid analysis of eighteen organophosphorus pesticides in human blood. <i>Journal of Chromatography A</i> , <b>2015</b> , 1377, 27-34 <sup>4-5</sup>	15
1036	Extraction of ultra-traces of lead, chromium and copper using ruthenium nanoparticles loaded on activated carbon and modified with N,N-bis-( $\beta$ -methylsalicylidene)-2,2-dimethylpropane-1,3-diamine. <b>2015</b> , 182, 1187-1196	25
1035	Fabrication of graphene/Fe <sub>3</sub> O <sub>4</sub> @polythiophene nanocomposite and its application in the magnetic solid-phase extraction of polycyclic aromatic hydrocarbons from environmental water samples. <b>2015</b> , 868, 1-9	115
1034	Homogeneous Liquid-Liquid Microextraction via Flotation Assistance with Thiol Group Chelating Reagents for Rapid and Efficient Determination of Cadmium(II) and Copper(II) Ions in Water Samples. <b>2015</b> , 226, 1	120
1033	Analysis of fentanyl in urine by DLLME-GC-MS. <b>2015</b> , 39, 118-25	23
1032	Ultrasound assisted microextraction-nano material solid phase dispersion for extraction and determination of thymol and carvacrol in pharmaceutical samples: experimental design methodology. <b>2015</b> , 975, 34-9	43
1031	Stir fabric phase sorptive extraction for the determination of triazine herbicides in environmental waters by liquid chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1376, 35-45	4-5 65

1030	Determination of tramadol by dispersive liquid-liquid microextraction combined with GC-MS. <b>2015</b> , 53, 655-61	12
1029	Rapid Monitoring and Determination of Class 1 Residual Solvents in Pharmaceuticals Using Dispersive Liquid-Liquid Microextraction and Gas Chromatography-Mass Spectrometry. <b>2015</b> , 53, 1020-5	16
1028	A sensitive emulsification liquid phase microextraction coupled with on-line phase separation followed by HPLC for trace determination of sulfonamides in water samples. <b>2015</b> , 187, 4162	19
1027	Application of nonionic surfactant as a new method for the enhancement of electromembrane extraction performance for determination of basic drugs in biological samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1378, 1-7	4-5 35
1026	Chromatographic methods for analysis of triazine herbicides. <b>2015</b> , 45, 226-40	20
1025	Rapid determination of nitrosamines in sausage and salami using microwave-assisted extraction and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry. <b>2015</b> , 240, 441-450	40
1024	Ionic Liquid-Magnetic Nanoparticle Microextraction of Safranin T in Food Samples. <b>2015</b> , 8, 541-548	12
1023	Sensitive determination of atorvastatin in human plasma by dispersive liquid-liquid microextraction and solidification of floating organic drop followed by high-performance liquid chromatography. <b>2015</b> , 38, 309-15	33
1022	Retrieval of the Extraction Solvent by Magnetic Particles for Dispersive Liquid-Liquid Microextraction of UV Filters. <b>2015</b> , 38, 104-110	5
1021	Molecularly imprinted polymer nanoparticles for olanzapine recognition: application for solid phase extraction and sustained release. <b>2015</b> , 5, 9154-9166	27
1020	Separation/preconcentration and determination of quercetin in food samples by dispersive liquid-liquid microextraction based on solidification of floating organic drop -flow injection spectrophotometry. <b>2015</b> , 52, 1103-9	24
1019	A Rapid and Sensitive Method for the Analysis of Pyrethroid Pesticides Using the Combination of Liquid-Liquid Extraction and Dispersive Liquid-Liquid Microextraction. <b>2015</b> , 43, 51-58	14
1018	Preconcentration and simultaneous spectrophotometric determination of copper and mercury by dispersive liquid-liquid microextraction and orthogonal signal correction-partial least squares. <b>2015</b> , 8, 706-714	21
1017	Dispersive solvent-free ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction coupled with HPLC for determination of ulipristal acetate. <b>2015</b> , 131, 603-8	22
1016	Extraction and determination of sulfonylurea herbicides in water and soil samples by using ultrasound-assisted surfactant-enhanced emulsification microextraction and analysis by high-performance liquid chromatography. <b>2015</b> , 112, 68-73	30
1015	Determination of fungicide carbendazim in water and soil samples using dispersive liquid-liquid microextraction and microvolume UV-vis spectrophotometry. <b>2015</b> , 134, 24-29	80
1014	Ionic-liquid-based, manual-shaking- and ultrasound-assisted, surfactant-enhanced emulsification microextraction for the determination of three fungicide residues in juice samples. <b>2015</b> , 38, 93-9	16
1013	Rapid and sensitive analysis of nine fungicide residues in chrysanthemum by matrix extraction-vortex-assisted dispersive liquid-liquid microextraction. <b>2015</b> , 975, 9-17	23

1012	Determination of chlorophenols in honey samples using in-situ ionic liquid-dispersive liquid-liquid microextraction as a pretreatment method followed by high-performance liquid chromatography. <b>2015</b> , 174, 446-51	63
1011	An environmentally friendly method for the determination of triazine herbicides in estuarine seawater samples by dispersive liquid-liquid microextraction. <b>2015</b> , 22, 618-26	14
1010	Application of dispersive liquid-liquid microextraction coupled with vortex-assisted hydrophobic magnetic nanoparticles based solid-phase extraction for determination of aflatoxin M1 in milk samples by sensitive micelle enhanced spectrofluorimetry. <b>2015</b> , 134, 98-104	50
1009	Air-Assisted Liquid Liquid-Microextraction for the Analysis of Fungicides from Environmental Water and Juice Samples. <b>2015</b> , 53, 1007-12	8
1008	Liquid Phase Microextraction Techniques as a Sample Preparation Step for Analysis of Pesticide Residues in Food. <b>2015</b> , 44, 1-18	30
1007	Vortex-assisted low density solvent liquid-liquid microextraction and salt-induced demulsification coupled to high performance liquid chromatography for the determination of five organophosphorus pesticide residues in fruits. <b>2015</b> , 132, 769-74	75
1006	Microwave-assisted of dispersive liquid-liquid microextraction and spectrophotometric determination of uranium after optimization based on Box-Behnken design and chemometrics methods. <b>2015</b> , 135, 69-75	42
1005	Determination of trace silver in water, wastewater and ore samples using dispersive liquid-liquid microextraction coupled with flame atomic absorption spectrometry. <b>2015</b> , 24, 297-301	22
1004	Photocatalytic degradation and mineralization of diazinon in aqueous solution using nano-TiO <sub>2</sub> (Degussa, P25): kinetic and statistical analysis. <b>2015</b> , 55, 555-563	35
1003	Preconcentration and determination of low amounts of cobalt in black tea, paprika and marjoram using dispersive liquid-liquid microextraction and flame atomic absorption spectrometry. <b>2015</b> , 12, 51-56	7
1002	Rapid screening of water soluble arsenic species in edible oils using dispersive liquid-liquid microextraction. <b>2015</b> , 167, 396-401	27
1001	Magnetic stirrer induced dispersive ionic-liquid microextraction for the determination of vanadium in water and food samples prior to graphite furnace atomic absorption spectrometry. <b>2015</b> , 172, 161-5	45
1000	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonylurea herbicides in wine samples by capillary high-performance liquid chromatography. <b>2015</b> , 170, 348-53	61
999	Use of switchable solvents in the microextraction context. <b>2015</b> , 131, 645-9	92
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691	Ultrasound assisted dispersive liquid-liquid microextraction for fast and accurate analysis of chloramphenicol in honey. <b>2019</b> , 115, 572-579	27
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523	New methodologies and equipment used in new-generation separation and preconcentration methods. <b>2020</b> , 149-206	
522	Supramolecular solvents in separation and preconcentration of organic and inorganic species. <b>2020</b> , 319-346	
521	Menthol-Based Deep Eutectic Solvent Dispersive Liquid-Liquid Microextraction: A Simple and Quick Approach for the Analysis of Phthalic Acid Esters from Water and Beverage Samples. <b>2020</b> , 8, 8783-8794	20
520	Bridging electrostatic properties between nanoscopic and microscopic highly charged droplets. <b>2020</b> , 746, 137238	8
519	Determination of fluoroquinolones in milk, honey and water samples by salting out-assisted dispersive liquid-liquid microextraction based on deep eutectic solvent combined with MECC. <b>2020</b> , 332, 127371	25
518	In-syringe dispersive liquid-liquid microextraction vs. solid phase extraction: A comparative analysis for the liquid chromatographic determination of three neonicotinoids in cotyledons. <b>2020</b> , 158, 105181	2
517	Simultaneous homogeneous liquid-liquid microextraction and dispersive liquid-liquid microextraction for extraction of some plasticizers from polymeric containers and aqueous samples. <b>2020</b> , 1-12	1
516	Nanoliter-Scale Droplet-Droplet Microfluidic Microextraction Coupled with MALDI-TOF Mass Spectrometry for Metabolite Analysis of Cell Droplets. <b>2020</b> , 92, 8759-8767	10
515	A novel preconcentration/extraction method for fenitrothion residues and its electrochemical sensing in pistachio kernels. <b>2020</b> , 31, 11268-11275	3
514	Application of temperature-assisted tandem dispersive liquid-liquid microextraction for the extraction and high preconcentration of triazole pesticides. <b>2020</b> , 1-17	1
513	Application of natural deep eutectic solvents-based in-syringe dispersive liquid-liquid microextraction for the extraction of five acaricides in egg samples. <b>2020</b> , 1-16	4
512	Ultrasound-assisted dispersive liquid-liquid microextraction coupled with field-amplified capillary electrophoresis for sensitive and quantitative determination of fluoxetine and norfluoxetine enantiomers in biological fluids. <b>2020</b> , 412, 5113-5123	3
511	Determination of pyrethroid residues in herbal tea using temperature-controlled ionic liquid dispersive liquid-liquid microextraction by high performance liquid chromatography. <b>2020</b> , 10, 4709	9
510	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. <b>2020</b> , 12, 1522-1531	12
509	Low-density-solvent-based air-assisted liquid-liquid microextraction of azathioprine based on multivariate optimization and its trace determination in biological samples. <b>2020</b> , 17, 1945-1952	2

508	Critical review of micro-extraction techniques used in the determination of polycyclic aromatic hydrocarbons in biological, environmental and food samples. <b>2020</b> , 37, 1004-1026		13
507	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. <b>2020</b> , 43, 2393-2400		40
506	Determination of Kresoxim-Methyl in Water and in Grapes by High-Performance Liquid Chromatography (HPLC) Using Photochemical-Induced Fluorescence and Dispersive Liquid-Liquid Microextraction (DLLME). <b>2020</b> , 53, 2202-2221		7
505	Volcanic ashes as a source for nitrated and oxygenated polycyclic aromatic hydrocarbon pollution. <b>2020</b> , 27, 16972-16982		2
504	Assessing the harmfulness of high-salinity oilfield-produced water related to trace metals using vortex-assisted dispersive liquid-liquid microextraction combined with inductively coupled plasma optical emission spectrometry. <b>2020</b> , 155, 104714		10
503	Application of a magnetic nanocomposite of cross-linked poly(styrene/divinylbenzene) as an adsorbent for the magnetic dispersive solid phase extraction-dispersive liquid-liquid microextraction of atrazine in soil and aqueous samples. <b>2020</b> , 12, 1834-1844		6
502	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. <b>2020</b> , 155, 104795		22
501	Hydrophobic borneol-based natural deep eutectic solvents as a green extraction media for air-assisted liquid-liquid micro-extraction of warfarin in biological samples. <i>Journal of Chromatography A</i> , <b>2020</b> , 1621, 461030	4-5	14
500	Deep eutectic solvent-based dispersive liquid-liquid micro-extraction for extraction of malachite green and crystal violet in water samples prior their determination using high performance liquid chromatography. <b>2020</b> , 1-9		5
499	Analytical Scheme for Simultaneous Determination of Phthalates and Bisphenol A in Honey Samples Based on Dispersive Liquid-Liquid Microextraction Followed by GC-IT/MS. Effect of the Thermal Stress on PAE/BP-A Levels. <b>2020</b> , 3,		4
498	Rapid analysis of short- and medium-chain chlorinated paraffins in wine by dispersive liquid-liquid micro-extraction coupled with high performance liquid chromatography-electrospray ionization quadrupole time-of-flight mass spectrometry. <b>2020</b> , 319, 126583		3
497	Trace detection of polycyclic aromatic hydrocarbons in environmental waters by SERS. <b>2020</b> , 234, 118250		15
496	Recent advances and applications of magnetic nanomaterials in environmental sample analysis. <b>2020</b> , 126, 115864		39
495	Dispersive Liquid-Liquid Microextraction for the Quantitation of Terpenes in Wine. <b>2020</b> , 68, 13302-13309		4
494	Determination of tafenoquine in human plasma by dispersive liquid-liquid microextraction. <b>2020</b> , 3, 44-50		1
493	Development of a Multiresidue QuEChERSDLLMEFast GC/MS Method for Determination of Selected Pesticides in Yogurt Samples. <b>2020</b> , 13, 1829-1841		3
492	Simultaneous determination of sulfonamides in milk: In-situ magnetic ionic liquid dispersive liquid-liquid microextraction coupled with HPLC. <b>2020</b> , 331, 127342		26
491	Application of an agitation-assisted dispersed solvent microextraction for analysis of naphthalene and its derivatives from aqueous matrices. <b>2020</b> , 192, 494		



490	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. <b>2020</b> , 93, 103590	11
489	Dispersive liquid-liquid microextraction followed by green high-performance liquid chromatography for fluconazole determination in cerebrospinal fluid with the aid of chemometric tools. <b>2020</b> , 12, 3106-3114	2
488	Dispersive liquid-liquid microextraction based preconcentration of selected pesticides and escitalopram oxalate, haloperidol and olanzapine from wastewater samples prior to determination by GC-MS. <b>2020</b> ,	
487	Bioanalysis of pharmaceuticals using liquid-phase microextraction combined with liquid chromatography-mass spectrometry. <b>2020</b> , 189, 113446	23
486	Investigation of thermospray flame furnace atomic absorption spectrometric determination of cadmium combined with ultrasound-assisted dispersive liquid-liquid microextraction. <b>2020</b> , 1-13	0
485	The role of water in deep eutectic solvent-base extraction. <b>2020</b> , 304, 112747	60
484	A screen-printed electrode modified with silver nanoparticles and carbon nanofibers in a nafion matrix for ionic liquid-based dispersive liquid-liquid microextraction and voltammetric assay of heterocyclic amine 8-MelQx in food. <b>2020</b> , 187, 190	6
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482	Liquid phase microextraction based sensitive analytical strategy for the determination of 22 hazardous aromatic amine products of azo dyes in wastewater and tap water samples by GC-MS system. <b>2020</b> , 155, 104712	12
481	Determination of Trace Amounts of Gold in Electroplating Rinsing Bath by Slotted Quartz Tube Flame Atomic Absorption Spectrometry with Matrix Matching Calibration Strategy after Preconcentration with Vortex Assisted Dispersive Liquid-Liquid Microextraction. <b>2020</b> , 53, 2191-2201	5
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479	Phytotoxicity, Bioaccumulation, and Degradation of Nonylphenol in Different Microalgal Species without Bacterial Influences. <b>2020</b> , 21,	6
478	Heterocyclic aromatic amines in doner kebab: Quantitation using an efficient microextraction technique coupled with reversed-phase high-performance liquid chromatography. <b>2020</b> , 8, 88-96	4
477	Determination of Phthalate and Metabolites in Human Urine by Lithium Bis(trifluoromethanesulfonyl)imide-Enhanced Dual Microextraction Method Optimized by Central Composite Design. <b>2020</b> , 83, 397-408	0
476	Determination of Organophosphorus Pesticides in Juice and Water by Modified Continuous Sample Drop Flow Microextraction Combined with Gas ChromatographyMass Spectrometry. <b>2020</b> , 13, 1050-1059	8
475	Dispersive liquid-liquid microextraction method for the extraction of acidic pesticides in edible oils; application of short-chain organic acids as co-disperser and protonation agent. <b>2020</b> , 1-14	
474	MASS SPECTROMETRY ANALYSIS OF DRUGS OF ABUSE: CHALLENGES AND EMERGING STRATEGIES. <b>2020</b> , 39, 703-744	18
473	Trends in sensitive detection and rapid removal of sulfonamides: A review. <b>2020</b> , 43, 1634-1652	13

472	Air-assisted liquid-liquid microextraction based on solidification of floating deep eutectic solvent for the analysis of ultraviolet filters in water samples by high performance liquid chromatography with the aid of response surface methodology. <i>Journal of Chromatography A</i> , <b>2020</b> , 1618, 460876	4.5	16
471	Investigation and determination of acrylamide in 24 types of roasted nuts and seeds using microextraction method coupled with gas chromatography-mass spectrometry: central composite design. <b>2020</b> , 14, 1249-1260		8
470	On-disc electromembrane extraction-dispersive liquid-liquid microextraction: A fast and effective method for extraction and determination of ionic target analytes from complex biofluids by GC/MS. <b>2020</b> , 1105, 95-104		13
469	Recent Advances in the HPLC Analysis of Tricyclic Antidepressants in Bio-Samples. <b>2020</b> , 20, 24-38		5
468	Colorimetric Probe Coupled to Dispersive Liquid-Liquid Microextraction for Determination of Dopamine in Serum. <b>2020</b> , 41, 284-289		
467	A sieve-conducted two-syringe-based pressurized liquid-phase microextraction for the determination of indium by slotted quartz tube-flame atomic absorption spectrometry. <b>2020</b> , 192, 133		4
466	The Influence of Ionic Liquids on the Effectiveness of Analytical Methods Used in the Monitoring of Human and Veterinary Pharmaceuticals in Biological and Environmental Samples-Trends and Perspectives. <b>2020</b> , 25,		7
465	Extraction of benzoylurea pesticides from tea and fruit juices using deep eutectic solvents. <b>2020</b> , 1140, 121995		18
464	Dispersive liquid-liquid microextraction as a preconcentration alternative to increase ETAAS sensitivity in the analysis of molybdenum in bovine meat and pasture samples. <b>2020</b> , 212, 120783		11
463	A Simple in Syringe Low Density Solvent-Dispersive Liquid Liquid Microextraction for Enrichment of Some Metal Ions Prior to Their Determination by High Performance Liquid Chromatography in Food Samples. <b>2020</b> , 25,		4
462	Landing microextraction sediment phase onto surface enhanced Raman scattering to enhance sensitivity and selectivity for chromium speciation in food and environmental samples. <b>2020</b> , 323, 126812		18
461	Analytical protocol for determination of endosulfan beta, prothion, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatography-mass spectrometry after dispersive liquid-liquid microextraction. <b>2020</b> , 192, 253		2
460	A rapid and simultaneous method for the determination of naphthol isomers in urine by molecular complex-based dispersive liquid-liquid microextraction combined with high-performance liquid chromatography. <b>2020</b> , 17, 2095-2103		2
459	Green Approaches to Sample Preparation Based on Extraction Techniques. <b>2020</b> , 25,		20
458	Application of aeration-assisted homogeneous liquid-liquid microextraction procedure using Box-Behnken design for determination of curcumin by HPLC. <b>2020</b> , 43, 2513-2520		8
457	Expanding the applicability of magnetic ionic liquids for multiclass determination in biological matrices based on dispersive liquid-liquid microextraction and HPLC with diode array detector analysis. <b>2020</b> , 43, 2657-2665		10
456	Determination of Three Estrogens in Environmental Water Samples Using Dispersive Liquid-Liquid Microextraction by High-Performance Liquid Chromatography and Fluorescence Detector. <b>2020</b> , 231, 1		6
455	Elevated Temperature Homogeneous Liquid Phase Extraction Coupled to Ionic Liquid-Based Dispersive Liquid-Liquid Microextraction Followed by High-Performance Liquid Chromatography: Application of Water-Miscible Ionic Liquids as Extraction Solvent in Determination of Carbamate Pesticides. <b>2020</b> , 13, 1282-1291		6

454	Combination of gel-electromembrane extraction with switchable hydrophilicity solvent-based homogeneous liquid-liquid microextraction followed by gas chromatography for the extraction and determination of antidepressants in human serum, breast milk and wastewater. <i>Journal of Chromatography A</i> , <b>2020</b> , 1621, 461041	4.5	23
453	Determination of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV 328) and its oxidative metabolites in human urine by dispersive liquid-liquid microextraction and GC-MS/MS. <b>2020</b> , 1144, 122071		9
452	Molecular complex based dispersive liquid-liquid microextraction for simultaneous HPLC determination of eight phenolic compounds in water samples. <b>2020</b> , 309, 113115		6
451	Magnetic nanoparticles assisted dispersive liquid-liquid microextraction of chloramphenicol in water samples. <b>2020</b> , 7, 200143		5
450	Recent advances in Baijiu analysis by chromatography based technology-A review. <b>2020</b> , 324, 126899		24
449	A fast DLLME-LC-MS/MS method for risperidone and its metabolite 9-hydroxyrisperidone determination in plasma samples for therapeutic drug monitoring of patients. <b>2020</b> , 156, 104894		4
448	Progress in Pretreatment and Analytical Methods of Coumarins: An Update since 2012 - A Review. <b>2021</b> , 51, 503-526		5
447	Application of ultrasound-assisted liquid-liquid microextraction coupled with gas chromatography and mass spectrometry for the rapid determination of synthetic cannabinoids and metabolites in biological samples. <b>2020</b> , 43, 2858-2868		6
446	Determination and validation of simultaneous derivatization and dispersive liquid-liquid microextraction method for analysis of nitrate and nitrite contents as nitrate ions in onion and potato samples. <b>2020</b> , 3, 225-234		2
445	Bioactive ingredients of saffron: extraction, analysis, applications. <b>2020</b> , 261-290		4
444	Electromembrane extraction of highly polar bases from biological samples - Deeper insight into bis(2-ethylhexyl) phosphate as ionic carrier. <b>2020</b> , 1115, 23-32		16
443	Reverse phase dispersive liquid-liquid microextraction coupled to slotted quartz tube flame atomic absorption spectrometry as a new analytical strategy for trace determination of cadmium in fish and olive oil samples. <b>2020</b> , 90, 103486		8
442	Combining graphite with hollow-fiber liquid-phase microextraction for improving the extraction efficiency of relatively polar organic compounds. <b>2020</b> , 215, 120902		11
441	Development of an ultrasonic-assisted and effervescent tablet-assisted dispersive liquid-liquid microextraction based on ionic liquids for analysis of benzoylurea insecticides. <b>2020</b> , 1-15		3
440	A comprehensive review on application of the syringe in liquid- and solid-phase microextraction methods. <b>2021</b> , 18, 245-264		6
439	Application of an in-situ formulated magnetic deep eutectic solvent for the determination of triazine herbicides in rice. <b>2021</b> , 222, 121527		7
438	Novel strategy for disposable pipette extraction (DPX): Low-cost Parallel-DPX for determination of phthalate migration from common plastic materials to saliva simulant with GC-MS. <b>2021</b> , 221, 121443		3
437	Smartphone digital image colorimetry combined with solidification of floating organic drop-dispersive liquid-liquid microextraction for the determination of iodate in table salt. <b>2021</b> , 336, 127708		11

436	Determination of Iron in Licorice Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry (FAAS) with Matrix Matching Calibration Strategy after Complexation with Schiff Base Ligand-Based Dispersive Liquid-Liquid Microextraction. <b>2021</b> , 54, 1284-1294	2
435	Novel materials for dispersive (micro) solid-phase extraction of polycyclic aromatic hydrocarbons in environmental water samples: A review. <b>2021</b> , 1141, 246-262	34
434	Micro solid phase extraction of cadmium and lead on a new ion-imprinted hierarchical mesoporous polymer via dual-template method in river water and fish muscles: Optimization by experimental design. <b>2021</b> , 403, 123716	22
433	Determination of fipronil and its metabolites in chicken egg by dispersive liquid-liquid microextraction with <sup>19</sup> F quantitative nuclear magnetic resonance spectroscopy. <b>2021</b> , 160, 105547	3
432	Insights into coacervative and dispersive liquid-phase microextraction strategies with hydrophilic media - A review. <b>2021</b> , 1143, 225-249	19
431	A review on analytical methods for pharmaceutical and personal care products and their transformation products. <b>2021</b> , 101, 260-281	18
430	Deep Eutectic Solvents for Medicine, Gas Solubilization and Extraction of Natural Substances. <b>2021</b> ,	2
429	Salting-Out Assisted Liquid-Liquid Extraction Coupled to Dispersive Liquid-Liquid Microextraction for the Determination of Bisphenol A and Six Analogs (B, E, F, S, BADGE, BFDGE) in Canned Coffee Drinks by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <b>2021</b> , 14, 441-452	3
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427	Advanced materials on sample preparation for safety analysis of aquatic products. <b>2021</b> , 44, 1174-1194	5
426	Miniaturized analytical methods for determination of environmental contaminants of emerging concern - A review. <b>2021</b> , 1158, 238108	20
425	Sustainable Agriculture Reviews 47. <b>2021</b> ,	0
424	Vortex-Assisted Dispersive Liquid-Liquid Microextraction Coupled with Deproteinization for Determination of Nateglinide in Human Plasma Using HPLC/UV. <b>2021</b> , 59, 297-304	6
423	Deep eutectic solvent-based clean-up/vortex-assisted emulsification liquid-liquid microextraction: Application for multi-residue analysis of 16 pesticides in olive oils. <b>2021</b> , 225, 121983	10
422	Development of microwave-assisted extraction and dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry for the determination of organic additives in biodegradable mulch films. <b>2021</b> , 160, 105722	3
421	Sol-gel auto-combustion synthesis and characterization of ZnFe <sub>2</sub> O <sub>4</sub> as a nanosorbent using fructose for HPLC-UV determination of betaxolol in biological samples. <b>2021</b> , 853, 157393	1
420	Ultra-trace Extraction of Two Bactericides Via Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction. <b>2021</b> , 59, 182-190	1
419	Modern microextraction techniques for natural products. <b>2021</b> , 42, 219-232	1

418	A rapid and cost-effective method based on dispersive liquid-liquid microextraction coupled to injection port silylation-gas chromatography-mass spectrometry for determination of morphine in illicit opium. <b>2021</b> , 2, 387-396		0
417	Microextraction and its application for petroleum and crude oil samples. <i>Journal of Chromatography A</i> , <b>2021</b> , 1636, 461795	4.5	2
416	Essential oil-based dispersive liquid-liquid microextraction for the determination of N,N-dimethyltryptamine and Ecabrolines in human plasma: A novel solvent-free alternative. <b>2021</b> , 225, 121976		2
415	Development of temperature-assisted solidification of floating organic droplet-based dispersive liquid-liquid microextraction performed during centrifugation for extraction of organochlorine pesticide residues in cocoa powder prior to GC-ECD. <b>2021</b> , 75, 1691-1700		2
414	Dispersive liquid-liquid microextraction combined with digital image colorimetry for paracetamol analysis. <b>2021</b> , 162, 105870		6
413	Multivariate optimization of a dispersive liquid-liquid microextraction method for the determination of six antiparasite drugs in kennel effluent waters by using second-order chromatographic data. <b>2021</b> , 224, 121929		6
412	Enhanced microextraction of endocrine disrupting chemicals adsorbed on airborne fine particulate matter with gas chromatography-tandem mass spectrometric analysis. <i>Journal of Chromatography A</i> , <b>2021</b> , 1637, 461828	4.5	2
411	A gadolinium-based magnetic ionic liquid for dispersive liquid-liquid microextraction. <b>2021</b> , 413, 205-214		9
410	High-Throughput Speciation of Triethyl Tin, Tributyl Tin, and Triphenyl Tin in Environmental Water by Ultra-Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS). <b>2021</b> , 54, 2022-2036		1
409	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. <b>2021</b> , 96, 103696		4
408	Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination by GC-MS. <b>2021</b> , 104, 91-97		2
407	Combining of modified QuEChERS and dispersive liquid-liquid microextraction as an efficient sample preparation method for extraction of acetamiprid and imidacloprid from pistachio samples. <b>2021</b> , 18, 641-649		3
406	Investigation of Composition, Temperature, and Heating Time in the Formation of Acrylamide in Snack: Central Composite Design Optimization and Microextraction Coupled with Gas Chromatography-Mass Spectrometry. <b>2021</b> , 14, 44-53		4
405	Flexible dispersive liquid-liquid microextraction for on-site sample pre-concentration. <b>2021</b> , 101, 281-299		1
404	Combination of dispersive solid-phase extraction with dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for trace determination of chlorpyrifos in urine samples. <b>2021</b> , 101, 810-820		3
403	Diclofenac removal in water supply by adsorption on composite low-cost material. <b>2021</b> , 42, 2095-2111		10
402	Chromatographic Methods for the Determination of Phthalic Acid Esters in Different Samples. <b>2021</b> , 76, 41-56		4
401	Analytical Methods for Phthalates in Water Samples. <b>2021</b> , 539-575		

400	Dispersive liquid-liquid microextraction for the isolation and HPLC-DAD determination of three major capsaicinoids in <i>Capsicum annuum</i> L. <b>2021</b> , 45, 420-429	
399	Facile preparation of nitrogen-doped amorphous carbon nanocomposite as an efficient sorbent in dispersive solid phase extraction. 1-19	1
398	Determination of UV-327 and its metabolites in human urine using dispersive liquid-liquid microextraction and gas chromatography-tandem mass spectrometry. <b>2021</b> , 13, 3978-3986	0
397	Analytical chemistry, formation, mitigation, and risk assessment of polycyclic aromatic hydrocarbons: From food processing to in vivo metabolic transformation. <b>2021</b> , 20, 1422-1456	10
396	Gas chromatographic analysis of wine. <b>2021</b> , 807-833	
395	Surface nanodroplet-based nanoextraction from sub-milliliter volumes of dense suspensions. <b>2021</b> , 21, 2574-2585	4
394	Determination of Seven Antidepressants in Pericardial Fluid by Means of Dispersive Liquid-Liquid Microextraction (DLLME) and Gas Chromatography-Mass Spectrometry (GC/MS). <b>2021</b> ,	4
393	Multiresidue Analytical Method for Pesticides in Soybean Extract. <b>2021</b> , 59, 305-311	
392	An accurate and sensitive effervescence-assisted liquid phase microextraction method for the determination of cobalt after a Schiff base complexation by slotted quartz tube-flame atomic absorption spectrophotometry in urine samples. <b>2021</b> , 13, 703-711	2
391	Recent Advances in Speciation Analysis of Trace Antimony in Environmental and Biological Samples Based on Cloud Point Extraction and Spectrometric Methods. <b>2021</b> , 49-77	0
390	Application of combined extraction and microextraction techniques for food waste. <b>2021</b> , 711-722	1
389	Effervescent tablet-assisted switchable hydrophilicity solvent-based on-site dispersive liquid-liquid microextraction coupled with gas chromatography for the determination of pyrethroid pesticides in environmental waters. <b>2021</b> , 269, 02001	
388	Development of an ultrasonic and heat-assisted liquid-liquid extraction method combined with deep eutectic solvent-based dispersive liquid-liquid microextraction for the extraction of some phytosterols from cow milk butter samples. <b>2021</b> , 18, 2483-2491	2
387	Ouzo Column under Impact: Formation of Emulsion Jet and Oil-Lubricated Droplet. <b>2021</b> , 37, 2056-2064	
386	Synthesis, characterization and application of a molecularly imprinted polymer as an adsorbent for solid-phase extraction of selected pharmaceuticals from water samples. 1	5
385	Dissolution of microdroplets in a sparsely miscible liquid confined by leaky walls. <b>2021</b> , 912,	3
384	Response Surface Methodology of Quantitative of Heterocyclic Aromatic Amines in Fried Fish Using Efficient Microextraction Method Coupled with High-Performance Liquid Chromatography: Central Composite Design. <b>2021</b> , 59, 473-481	2
383	Analysis of six preservatives in beverages using hydrophilic deep eutectic solvent as disperser in dispersive liquid-liquid microextraction based on the solidification of floating organic droplet. <b>2021</b> , 195, 113889	7

382	Dispersive liquid-liquid microextraction (DLLME) and external real matrix calibration for the determination of the UV absorber 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentylphenol (UV 328) and its metabolites in human blood. <b>2021</b> , 223, 121699		4
381	Dispersive liquid-liquid microextraction based on a new hydrophobic deep eutectic solvent for the determination of phenolic compounds in environmental water samples. <b>2021</b> , 44, 1510-1520		2
380	Universality in microdroplet nucleation during solvent exchange in Hele-Shaw-like channels. <b>2021</b> , 912,		0
379	New Trend in the Extraction of Pesticides from the Environmental and Food Samples Applying Microextraction Based Green Chemistry Scenario: A Review. <b>2021</b> , 1-27		1
378	Quantification of amphetamine and derivatives in oral fluid by dispersive liquid-liquid microextraction and liquid chromatography-tandem mass spectrometry. <b>2021</b> , 196, 113928		9
377	Spontaneous Ouzo Emulsions Coexist with Pre-Ouzo Ultraflexible Microemulsions. <b>2021</b> , 37, 3817-3827		8
376	Sample preparation and instrumental methods for illicit drugs in environmental and biological samples: A review. <i>Journal of Chromatography A</i> , <b>2021</b> , 1640, 461961	4-5	15
375	Determination of Organochlorine Pesticides in Green Leafy Vegetable Samples via FeO Magnetic Nanoparticles Modified QuEChERS Integrated to Dispersive Liquid-Liquid Microextraction Coupled with Gas Chromatography-Mass Spectrometry. <b>2021</b> , 2021, 6622063		0
374	Determination of Polybrominated Diphenyl Ethers in Water Samples Using Effervescent-Assisted Dispersive Liquid-Liquid Microextraction with Solidification of the Aqueous Phase. <b>2021</b> , 26,		2
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335	Determination of Lead in Urine by Slotted Quartz Tube (SQT) Flame Atomic Absorption Spectrometry (FAAS) Following Preconcentration by Dispersive Liquid Phase Microextraction (DLLME). 1-10			1
334	Determination of arsenic species using functionalized ionic liquid by in situ dispersive liquid-liquid microextraction followed by atomic absorption spectrometry. <b>2021</b> , 349, 129115			9
333	Primary submicron particles from early stage asphaltene precipitation revealed in situ by total internal reflection fluorescence microscopy in a model oil system. <b>2021</b> , 296, 120584			9
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