

Yadollah Yamini

List of Publications by Year in descending order

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426
papers

19,971
citations

10956

71
h-index

24179

110
g-index

431
all docs

431
docs citations

431
times ranked

11969
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of dispersive liquid-liquid microextraction method. <i>Journal of Chromatography A</i> , 2010, 1217, 2342-2357.	1.8	844
2	Magnetic nanoparticles: Synthesis, stabilization, functionalization, characterization, and applications. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 1-37.	1.2	611
3	A new liquid-phase microextraction method based on solidification of floating organic drop. <i>Analytica Chimica Acta</i> , 2007, 585, 286-293.	2.6	475
4	Dispersive liquid-liquid microextraction combined with high-performance liquid chromatography-UV detection as a very simple, rapid and sensitive method for the determination of bisphenol A in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 1511-1514.	1.8	303
5	Ultrasound-assisted emulsification microextraction method based on applying low density organic solvents followed by gas chromatography analysis for the determination of polycyclic aromatic hydrocarbons in water samples. <i>Journal of Chromatography A</i> , 2009, 1216, 6673-6679.	1.8	251
6	A nanoparticle-based solid-phase extraction procedure followed by flow injection inductively coupled plasma-optical emission spectrometry to determine some heavy metal ions in water samples. <i>Analytica Chimica Acta</i> , 2010, 659, 172-177.	2.6	242
7	Application of Mechanosynthesized Azine-Decorated Zinc(II) Metal-Organic Frameworks for Highly Efficient Removal and Extraction of Some Heavy-Metal Ions from Aqueous Samples: A Comparative Study. <i>Inorganic Chemistry</i> , 2015, 54, 425-433.	1.9	209
8	Liquid-phase microextraction – The different principles and configurations. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 264-272.	5.8	189
9	Dodecylsulfate-doped polypyrrole film prepared by electrochemical fiber coating technique for headspace solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2005, 1063, 1-8.	1.8	174
10	Application of surfactant assisted dispersive liquid-liquid microextraction for sample preparation of chlorophenols in water samples. <i>Talanta</i> , 2010, 82, 1864-1869.	2.9	172
11	Electrical field-induced extraction and separation techniques: Promising trends in analytical chemistry – A review. <i>Analytica Chimica Acta</i> , 2014, 814, 1-22.	2.6	172
12	Fe ₃ O ₄ magnetic nanoparticles modified with sodium dodecyl sulfate for removal of safranin O dye from aqueous solutions. <i>Desalination</i> , 2011, 270, 160-165.	4.0	170
13	Developments in hollow fiber based liquid-phase microextraction: principles and applications. <i>Mikrochimica Acta</i> , 2012, 177, 271-294.	2.5	158
14	A simple and rapid new dispersive liquid-liquid microextraction based on solidification of floating organic drop combined with inductively coupled plasma-optical emission spectrometry for preconcentration and determination of aluminium in water samples. <i>Journal of Hazardous Materials</i> , 2010, 178, 766-770.	6.5	155
15	Comparison of essential oil composition of <i>Carum copticum</i> obtained by supercritical carbon dioxide extraction and hydrodistillation methods. <i>Food Chemistry</i> , 2004, 86, 587-591.	4.2	154
16	Dispersive liquid-liquid microextraction based on the solidification of floating organic drop followed by inductively coupled plasma-optical emission spectrometry as a fast technique for the simultaneous determination of heavy metals. <i>Journal of Chromatography A</i> , 2010, 1217, 2358-2364.	1.8	152
17	Solid phase extraction and determination of ultra trace amounts of mercury(II) using octadecyl silica membrane disks modified by hexathia-18-crown-6-tetraone and cold vapour atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 1997, 355, 69-74.	2.6	145
18	Extraction and determination of organophosphorus pesticides in water samples by a new liquid phase microextraction-gas chromatography-flame photometric detection. <i>Analytica Chimica Acta</i> , 2008, 606, 202-208.	2.6	145

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19	Headspace solvent microextraction and gas chromatographic determination of some polycyclic aromatic hydrocarbons in water samples. <i>Analytica Chimica Acta</i> , 2003, 489, 21-31.	2.6	143
20	On-line preconcentration and simultaneous determination of heavy metal ions by inductively coupled plasma-atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2004, 509, 89-94.	2.6	142
21	Hollow fiber-based liquid phase microextraction combined with high-performance liquid chromatography for extraction and determination of some antidepressant drugs in biological fluids. <i>Analytica Chimica Acta</i> , 2007, 604, 127-133.	2.6	142
22	Extraction of trace amounts of mercury with sodium dodecyl sulphate-coated magnetite nanoparticles and its determination by flow injection inductively coupled plasma-optical emission spectrometry. <i>Talanta</i> , 2010, 81, 831-836.	2.9	142
23	The modern role of smartphones in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 548-555.	5.8	137
24	Polythiophene-coated Fe ₃ O ₄ superparamagnetic nanocomposite: Synthesis and application as a new sorbent for solid-phase extraction. <i>Analytica Chimica Acta</i> , 2013, 770, 68-74.	2.6	129
25	Carrier mediated hollow fiber liquid phase microextraction combined with HPLC-UV for preconcentration and determination of some tetracycline antibiotics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 393-400.	1.2	126
26	Solid-Phase Extraction of Ultratrace Uranium(VI) in Natural Waters Using Octadecyl Silica Membrane Disks Modified by Tri-n-octylphosphine Oxide and Its Spectrophotometric Determination with Dibenzoylmethane. <i>Analytical Chemistry</i> , 1999, 71, 4892-4895.	3.2	123
27	Sulfonic acid supported on hydroxyapatite-encapsulated- ⁵⁷ Fe ₂ O ₃ nanocrystallites as a magnetically Brønsted acid for N-formylation of amines. <i>Applied Catalysis A: General</i> , 2010, 377, 64-69.	2.2	121
28	Development of cloud point extraction for simultaneous extraction and determination of gold and palladium using ICP-OES. <i>Journal of Hazardous Materials</i> , 2008, 152, 737-743.	6.5	119
29	Determination of thebaine in water samples, biological fluids, poppy capsule, and narcotic drugs, using electromembrane extraction followed by high-performance liquid chromatography analysis. <i>Analytica Chimica Acta</i> , 2011, 701, 181-188.	2.6	113
30	Solubility of some statin drugs in supercritical carbon dioxide and representing the solute solubility data with several density-based correlations. <i>Journal of Supercritical Fluids</i> , 2007, 41, 187-194.	1.6	112
31	Solubility of dihydroxybenzene isomers in supercritical carbon dioxide. <i>Fluid Phase Equilibria</i> , 1998, 152, 299-305.	1.4	110
32	Comparison of essential oils compositions of <i>Ferula assa-foetida</i> obtained by supercritical carbon dioxide extraction and hydrodistillation methods. <i>Food Chemistry</i> , 2005, 91, 639-644.	4.2	110
33	Highly selective and efficient removal of arsenic(V), chromium(VI) and selenium(VI) oxyanions by layered double hydroxide intercalated with zwitterionic glycine. <i>Journal of Hazardous Materials</i> , 2017, 339, 239-247.	6.5	104
34	An overview of the most common lab-made coating materials in solid phase microextraction. <i>Talanta</i> , 2019, 191, 283-306.	2.9	104
35	Extraction and preconcentration of salbutamol and terbutaline from aqueous samples using hollow fiber supported liquid membrane containing anionic carrier. <i>Journal of Chromatography A</i> , 2006, 1124, 57-67.	1.8	97
36	Facile synthesis of new nano sorbent for magnetic solid-phase extraction by self assembling of bis-(2,4,4-trimethyl pentyl)-dithiophosphinic acid on Fe ₃ O ₄ @Ag core@shell nanoparticles: Characterization and application. <i>Analytica Chimica Acta</i> , 2012, 756, 13-22.	2.6	96

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37	Supramolecular solvent-based hollow fiber liquid phase microextraction of benzodiazepines. <i>Analytica Chimica Acta</i> , 2013, 804, 135-142.	2.6	96
38	Polythiophene-coated Fe ₃ O ₄ nanoparticles as a selective adsorbent for magnetic solid-phase extraction of silver(I), gold(III), copper(II) and palladium(II). <i>Mikrochimica Acta</i> , 2014, 181, 543-551.	2.5	95
39	On-line preconcentration of some rare earth elements in water samples using C18-cartridge modified with l-(2-pyridylazo) 2-naphthol (PAN) prior to simultaneous determination by inductively coupled plasma optical emission spectrometry (ICP-OES). <i>Analytica Chimica Acta</i> , 2005, 540, 325-332.	2.6	91
40	Ionic liquid based dispersive liquid-liquid microextraction combined with ICP-OES for the determination of trace quantities of cobalt, copper, manganese, nickel and zinc in environmental water samples. <i>Mikrochimica Acta</i> , 2012, 177, 119-127.	2.5	89
41	Removal of copper, nickel and zinc by sodium dodecyl sulphate coated magnetite nanoparticles from water and wastewater samples. <i>Arabian Journal of Chemistry</i> , 2017, 10, S514-S521.	2.3	89
42	Optimization of dispersive liquid-liquid microextraction combined with gas chromatography for the analysis of nitroaromatic compounds in water. <i>Talanta</i> , 2009, 79, 1472-1477.	2.9	88
43	Magnetic metal-organic frameworks for the extraction of trace amounts of heavy metal ions prior to their determination by ICP-AES. <i>Mikrochimica Acta</i> , 2017, 184, 1555-1564.	2.5	88
44	Extraction of three nitrophenols using polypyrrole-coated magnetic nanoparticles based on anion exchange process. <i>Journal of Chromatography A</i> , 2013, 1314, 15-23.	1.8	87
45	Combination of electromembrane extraction with dispersive liquid-liquid microextraction followed by gas chromatographic analysis as a fast and sensitive technique for determination of tricyclic antidepressants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 913-914, 138-146.	1.2	87
46	Hollow fiber liquid phase microextraction as a preconcentration and clean-up step after pressurized hot water extraction for the determination of non-steroidal anti-inflammatory drugs in sewage sludge. <i>Journal of Chromatography A</i> , 2011, 1218, 1331-1339.	1.8	86
47	Combination of supercritical fluid extraction with dispersive liquid-liquid microextraction for extraction of organophosphorus pesticides from soil and marine sediment samples. <i>Journal of Supercritical Fluids</i> , 2011, 57, 219-226.	1.6	86
48	Low-voltage electrically-enhanced microextraction as a novel technique for simultaneous extraction of acidic and basic drugs from biological fluids. <i>Journal of Chromatography A</i> , 2012, 1243, 6-13.	1.8	86
49	Adsorptive removal of alizarin red-S and alizarin yellow GG from aqueous solutions using polypyrrole-coated magnetic nanoparticles. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 529-540.	3.3	86
50	Novel generation of deep eutectic solvent as an acceptor phase in three-phase hollow fiber liquid phase microextraction for extraction and preconcentration of steroidal hormones from biological fluids. <i>Talanta</i> , 2018, 178, 473-480.	2.9	85
51	Recent Advances and Trends in Applications of Solid-Phase Extraction Techniques in Food and Environmental Analysis. <i>Chromatographia</i> , 2019, 82, 1207-1249.	0.7	85
52	On-line metals preconcentration and simultaneous determination using cloud point extraction and inductively coupled plasma optical emission spectrometry in water samples. <i>Analytica Chimica Acta</i> , 2008, 612, 144-151.	2.6	84
53	Surfactant roles in modern sample preparation techniques: A review. <i>Journal of Separation Science</i> , 2012, 35, 2319-2340.	1.3	84
54	Hollow fiber-based liquid phase microextraction followed by analytical instrumental techniques for quantitative analysis of heavy metal ions and pharmaceuticals. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 109-122.	2.4	84

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55	Application of cotton as a solid phase extraction sorbent for on-line preconcentration of copper in water samples prior to inductively coupled plasma optical emission spectrometry determination. <i>Journal of Hazardous Materials</i> , 2009, 166, 1383-1388.	6.5	83
56	Determination of phthalate esters in drinking water and edible vegetable oil samples by headspace solid phase microextraction using graphene/polyvinylchloride nanocomposite coated fiber coupled to gas chromatography-flame ionization detector. <i>Journal of Chromatography A</i> , 2016, 1465, 38-46.	1.8	83
57	Electrokinetic extraction on artificial liquid membranes of amphetamine-type stimulants from urine samples followed by high performance liquid chromatography analysis. <i>Journal of Chromatography A</i> , 2011, 1218, 3958-3965.	1.8	82
58	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. <i>Microchemical Journal</i> , 2011, 99, 26-33.	2.3	82
59	Magnetic framework composite as sorbent for magnetic solid phase extraction coupled with high performance liquid chromatography for simultaneous extraction and determination of tricyclic antidepressants. <i>Analytica Chimica Acta</i> , 2018, 1034, 204-213.	2.6	82
60	Facile magnetization of metal-organic framework TMU-6 for magnetic solid-phase extraction of organophosphorus pesticides in water and rice samples. <i>Talanta</i> , 2020, 218, 121139.	2.9	82
61	Homogeneous liquid-liquid extraction of trace amounts of mononitrotoluenes from waste water samples. <i>Analytica Chimica Acta</i> , 2007, 594, 93-100.	2.6	81
62	Supercritical carbon dioxide extraction of <i>Mentha pulegium</i> L. essential oil. <i>Talanta</i> , 2004, 62, 407-411.	2.9	80
63	Chemical composition of the essential oil and supercritical CO ₂ extracts of <i>Zataria multiflora</i> Boiss. <i>Food Chemistry</i> , 2003, 83, 357-361.	4.2	79
64	Pulsed electromembrane extraction: A new concept of electrically enhanced extraction. <i>Journal of Chromatography A</i> , 2012, 1262, 214-218.	1.8	79
65	Supercritical Fluid Disruption of <i>Ralstonia eutropha</i> for Poly(β -hydroxybutyrate) Recovery. <i>Biotechnology Progress</i> , 2003, 19, 1519-1523.	1.3	78
66	Simultaneous preconcentration and determination of U(VI), Th(IV), Zr(IV) and Hf(IV) ions in aqueous samples using micelle-mediated extraction coupled to inductively coupled plasma-optical emission spectrometry. <i>Journal of Hazardous Materials</i> , 2008, 156, 583-590.	6.5	78
67	Polyaniline-coated Fe ₃ O ₄ nanoparticles: An anion exchange magnetic sorbent for solid-phase extraction. <i>Journal of Separation Science</i> , 2012, 35, 2256-2265.	1.3	77
68	Highly selective and efficient removal and extraction of heavy metals by layered double hydroxides intercalated with the diphenylamine-4-sulfonate: A comparative study. <i>Chemical Engineering Journal</i> , 2017, 323, 212-223.	6.6	76
69	Headspace solvent microextraction: a very rapid method for identification of volatile components of Iranian <i>Pimpinella anisum</i> seed. <i>Analytica Chimica Acta</i> , 2005, 530, 155-161.	2.6	74
70	Supercritical fluid extraction of tea seed oil and its comparison with solvent extraction. <i>European Food Research and Technology</i> , 2005, 220, 401-405.	1.6	74
71	Development and evaluation of a new semi-empirical model for correlation of drug solubility in supercritical CO ₂ . <i>Fluid Phase Equilibria</i> , 2014, 363, 18-26.	1.4	74
72	One-way and two-way pulsed electromembrane extraction for trace analysis of amino acids in foods and biological samples. <i>Analytica Chimica Acta</i> , 2013, 773, 52-59.	2.6	73

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73	Solid-phase extraction and spectrophotometric determination of trace amounts of copper in water samples. <i>Talanta</i> , 1999, 49, 119-124.	2.9	72
74	Comparison of essential oil compositions of <i>Salvia mirzayanii</i> obtained by supercritical carbon dioxide extraction and hydrodistillation methods. <i>Food Chemistry</i> , 2008, 108, 341-346.	4.2	72
75	Suitable conditions for liquid-phase microextraction using solidification of a floating drop for extraction of fat-soluble vitamins established using an orthogonal array experimental design. <i>Journal of Chromatography A</i> , 2008, 1196-1197, 28-32.	1.8	72
76	Optimization of Cu(II)-ion imprinted nanoparticles for trace monitoring of copper in water and fish samples using a Box-Behnken design. <i>Reactive and Functional Polymers</i> , 2013, 73, 23-29.	2.0	72
77	Solubility of Polycyclic Aromatic Hydrocarbons in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2000, 45, 53-56.	1.0	70
78	Development of liquid phase microextraction method based on solidification of floated organic drop for extraction and preconcentration of organochlorine pesticides in water samples. <i>Analytica Chimica Acta</i> , 2008, 626, 166-173.	2.6	70
79	Extraction of trace amounts of pioglitazone as an anti-diabetic drug with hollow fiber liquid phase microextraction and determination by high-performance liquid chromatography-ultraviolet detection in biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1923-1929.	1.2	70
80	Solubilities of phenazopyridine, propranolol, and methimazole in supercritical carbon dioxide. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 32, 181-187.	1.4	68
81	Microextraction of mebendazole across supported liquid membrane forced by pH gradient and electrical field. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1173-1179.	1.4	68
82	Solubilities of Some 1,4-Dihydroxy-9,10-anthraquinone Derivatives in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 1998, 43, 400-402.	1.0	67
83	Solid phase extraction and graphite furnace atomic absorption spectrometric determination of ultra trace amounts of bismuth in water samples. <i>Talanta</i> , 2002, 56, 797-803.	2.9	66
84	Electromembrane extraction of trace amounts of naltrexone and nalmefene from untreated biological fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1143-1148.	1.2	66
85	Electromembrane surrounded solid phase microextraction: A novel approach for efficient extraction from complicated matrices. <i>Journal of Chromatography A</i> , 2013, 1280, 16-22.	1.8	66
86	Solubilities of Some Nitrogen-Containing Drugs in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2001, 46, 451-455.	1.0	65
87	Cetyltrimethylammonium bromide-coated magnetite nanoparticles as highly efficient adsorbent for rapid removal of reactive dyes from the textile companies'™ wastewaters. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, S130-S144.	1.2	65
88	Simultaneous determination of pyrethroids residues in fruit and vegetable samples via supercritical fluid extraction coupled with magnetic solid phase extraction followed by HPLC-UV. <i>Journal of Supercritical Fluids</i> , 2016, 107, 571-580.	1.6	65
89	Functionalized layered double hydroxide with nitrogen and sulfur co-decorated carbon dots for highly selective and efficient removal of soft Hg ²⁺ and Ag ⁺ ions. <i>Journal of Hazardous Materials</i> , 2018, 357, 217-225.	6.5	65
90	Preconcentration and speciation of arsenic in water specimens by the combination of solidification of floating drop microextraction and electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2010, 81, 197-201.	2.9	64

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91	Electromembrane extraction of levamisole from human biological fluids. <i>Journal of Separation Science</i> , 2011, 34, 585-593.	1.3	64
92	Application of vesicular coacervate phase for microextraction based on solidification of floating drop. <i>Journal of Chromatography A</i> , 2012, 1229, 30-37.	1.8	64
93	Solid phase extraction as a cleanup step before microextraction of diclofenac and mefenamic acid using nanostructured solvent. <i>Talanta</i> , 2013, 105, 173-178.	2.9	64
94	Headspace solvent microextraction A new method applied to the preconcentration of 2-butoxyethanol from aqueous solutions into a single microdrop. <i>Talanta</i> , 2004, 62, 265-270.	2.9	63
95	Homogeneous liquid-liquid extraction for preconcentration of polycyclic aromatic hydrocarbons using a water/methanol/chloroform ternary component system. <i>Journal of Chromatography A</i> , 2008, 1196-1197, 133-138.	1.8	63
96	A new concept of hollow fiber liquid-liquid-liquid microextraction compatible with gas chromatography based on two immiscible organic solvents. <i>Journal of Chromatography A</i> , 2010, 1217, 5652-5658.	1.8	63
97	Preparation of 5-fluorouracil nanoparticles by supercritical antisolvents for pulmonary delivery. <i>International Journal of Nanomedicine</i> , 2010, 5, 763.	3.3	63
98	Three-phase hollow fiber microextraction based on two immiscible organic solvents for determination of tricyclic antidepressant drugs: Comparison with conventional three-phase hollow fiber microextraction. <i>Journal of Chromatography A</i> , 2012, 1222, 5-12.	1.8	63
99	Supercritical fluid extraction of flavors and fragrances from <i>Hyssopus officinalis</i> L. cultivated in Iran. <i>Food Chemistry</i> , 2007, 105, 805-811.	4.2	61
100	Solubilities of the Drugs Benzocaine, Metronidazole Benzoate, and Naproxen in Supercritical Carbon Dioxide. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 709-712.	1.0	60
101	Electroplating of nanostructured polyaniline-polypyrrole composite coating in a stainless-steel tube for on-line in-tube solid phase microextraction. <i>Journal of Chromatography A</i> , 2015, 1397, 19-26.	1.8	60
102	Two-phase hollow fiber liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 314-322.	5.8	59
103	Extraction and determination of trace amounts of chlorpromazine in biological fluids using hollow fiber liquid phase microextraction followed by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 769-774.	1.4	58
104	Supercritical fluid extraction combined with dispersive liquid-liquid microextraction as a sensitive and efficient sample preparation method for determination of organic compounds in solid samples. <i>Journal of Supercritical Fluids</i> , 2010, 55, 161-168.	1.6	58
105	Optimization of temperature-controlled ionic liquid dispersive liquid phase microextraction combined with high performance liquid chromatography for analysis of chlorobenzenes in water samples. <i>Talanta</i> , 2010, 83, 36-41.	2.9	58
106	Modified magnetic nanoparticles with catechol as a selective sorbent for magnetic solid phase extraction of ultra-trace amounts of heavy metals in water and fruit samples followed by flow injection ICP-OES. <i>Microchemical Journal</i> , 2018, 143, 503-511.	2.3	58
107	Determination of fentanyl in biological and water samples using single-drop liquid-liquid microextraction coupled with high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2008, 626, 193-199.	2.6	57
108	Supercritical CO ₂ and highly selective aromatase inhibitors: Experimental solubility and empirical data correlation. <i>Journal of Supercritical Fluids</i> , 2009, 50, 203-209.	1.6	57

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109	Extraction of uranium from solid matrices using modified supercritical fluid CO ₂ . <i>Journal of Supercritical Fluids</i> , 2001, 20, 163-169.	1.6	56
110	Taguchi OA16 orthogonal array design for the optimization of cloud point extraction for selenium determination in environmental and biological samples by tungsten-modified tube electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2009, 78, 970-976.	2.9	56
111	Extraction of pyridine derivatives from human urine using electromembrane extraction coupled to dispersive liquid-liquid microextraction followed by gas chromatography determination. <i>Talanta</i> , 2014, 126, 73-81.	2.9	56
112	Tandem air-agitated liquid-liquid microextraction as an efficient method for determination of acidic drugs in complicated matrices. <i>Analytica Chimica Acta</i> , 2016, 917, 44-52.	2.6	56
113	Magnetic nanoparticle assisted supramolecular solvent extraction of triazine herbicides prior to their determination by HPLC with UV detection. <i>Mikrochimica Acta</i> , 2016, 183, 203-210.	2.5	56
114	Imprinted polymer particles for selenium uptake: Synthesis, characterization and analytical applications. <i>Analytica Chimica Acta</i> , 2007, 581, 208-213.	2.6	55
115	Optimization of solvent bar microextraction combined with gas chromatography for the analysis of aliphatic amines in water samples. <i>Journal of Hazardous Materials</i> , 2010, 178, 747-752.	6.5	55
116	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> , 2012, 1262, 27-33.	1.8	55
117	Trace analysis of chlorobenzenes in water samples using headspace solvent microextraction and gas chromatography/electron capture detection. <i>Talanta</i> , 2006, 69, 1088-1094.	2.9	54
118	Comparison of conventional hollow fiber based liquid phase microextraction and electromembrane extraction efficiencies for the extraction of ephedrine from biological fluids. <i>Journal of Chromatography A</i> , 2011, 1218, 8581-8586.	1.8	54
119	Tandem dispersive liquid-liquid microextraction as an efficient method for determination of basic drugs in complicated matrices. <i>Journal of Chromatography A</i> , 2016, 1429, 13-21.	1.8	54
120	Multiwall carbon nanotube- zirconium oxide nanocomposite hollow fiber solid phase microextraction for determination of polyaromatic hydrocarbons in water, coffee and tea samples. <i>Journal of Chromatography A</i> , 2018, 1554, 8-15.	1.8	54
121	Solid-phase extraction-spectrophotometric determination of uranium(VI) in natural waters. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 375, 698-702.	1.9	53
122	Solubilities of two steroid drugs and their mixtures in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2004, 30, 111-117.	1.6	52
123	Orthogonal array design for the optimization of supercritical carbon dioxide extraction of platinum(IV) and rhenium(VII) from a solid matrix using cyanex 301. <i>Separation and Purification Technology</i> , 2008, 61, 109-114.	3.9	52
124	Toluene removal from waste air stream by the catalytic ozonation process with MgO/GAC composite as catalyst. <i>Journal of Hazardous Materials</i> , 2016, 306, 348-358.	6.5	52
125	Comparison of essential oil composition of Iranian fennel (<i>Foeniculum vulgare</i>) obtained by supercritical carbon dioxide extraction and hydrodistillation methods. <i>Flavour and Fragrance Journal</i> , 2002, 17, 345-348.	1.2	51
126	Three-phase hollow fiber liquid-phase microextraction based on two immiscible organic solvents for determination of tramadol in urine and plasma samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 1041-1045.	1.4	51

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127	Highly efficient capture and recovery of uranium by reusable layered double hydroxide intercalated with 2-mercaptoethanesulfonate. <i>Chemical Engineering Journal</i> , 2018, 337, 609-615.	6.6	51
128	Centrifugeless dispersive liquid-liquid microextraction based on salting-out phenomenon followed by high performance liquid chromatography for determination of Sudan dyes in different species. <i>Food Chemistry</i> , 2018, 244, 1-6.	4.2	51
129	Solubilities of some recently synthesized 1,8-dihydroxy-9,10-anthraquinone derivatives in supercritical carbon dioxide. <i>Talanta</i> , 1999, 48, 951-957.	2.9	50
130	Effect of Process Variables on Supercritical Fluid Disruption of <i>Ralstonia eutropha</i> Cells for Poly(R-hydroxybutyrate) Recovery. <i>Biotechnology Progress</i> , 2004, 20, 1757-1765.	1.3	50
131	Simultaneous extraction of acidic and basic drugs via on-chip electromembrane extraction. <i>Analytica Chimica Acta</i> , 2016, 937, 61-68.	2.6	50
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385	Supercritical Carbon Dioxide Extraction of Volatile Components from Two <i>Eucalyptus</i> Species (E.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 307</i>	0.7	6
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