

# Shayessteh Dadfarnia

## List of Publications by Year in descending order

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131  
papers

4,108  
citations

94433

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144013

57  
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132  
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132  
docs citations

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times ranked

3744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent development in liquid phase microextraction for determination of trace level concentration of metals—A review. <i>Analytica Chimica Acta</i> , 2010, 658, 107-119.	5.4	280
2	Deep eutectic liquid organic salt as a new solvent for liquid-phase microextraction and its application in ligandless extraction and preconcentration of lead and cadmium in edible oils. <i>Talanta</i> , 2015, 144, 648-654.	5.5	154
3	Chemometric-assisted kinetic—spectrophotometric method for simultaneous determination of ascorbic acid, uric acid, and dopamine. <i>Analytical Biochemistry</i> , 2011, 410, 289-295.	2.4	146
4	Solidified floating organic drop microextraction (SFODME) for simultaneous separation/preconcentration and determination of cobalt and nickel by graphite furnace atomic absorption spectrometry (GFAAS). <i>Journal of Hazardous Materials</i> , 2009, 166, 291-296.	12.4	132
5	A novel separation/preconcentration system based on solidification of floating organic drop microextraction for determination of lead by graphite furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2008, 623, 163-167.	5.4	117
6	Separation/preconcentration and determination of vanadium with dispersive liquid—liquid microextraction based on solidification of floating organic drop (DLLME-SFO) and electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2010, 82, 208-212.	5.5	96
7	Separation/preconcentration and determination of cadmium ions by solidification of floating organic drop microextraction and FI-AAS. <i>Talanta</i> , 2009, 79, 1061-1065.	5.5	94
8	Speciation and determination of ultra trace amounts of chromium by solidified floating organic drop microextraction (SFODME) and graphite furnace atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2011, 186, 169-174.	12.4	92
9	Advanced polymeric materials: Synthesis and analytical application of ion imprinted polymers as selective sorbents for solid phase extraction of metal ions. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 55-69.	11.4	91
10	Deep eutectic solvent-mediated extraction for ligand-less preconcentration of lead and cadmium from environmental samples using magnetic nanoparticles. <i>Mikrochimica Acta</i> , 2016, 183, 563-571.	5.0	77
11	Synthesis/characterization of molecular imprinted polymer based on magnetic chitosan/graphene oxide for selective separation/preconcentration of fluoxetine from environmental and biological samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 212-221.	5.8	75
12	On-line solid phase extraction system using 1,10-phenanthroline immobilized on surfactant coated alumina for the flame atomic absorption spectrometric determination of copper and cadmium. <i>Talanta</i> , 2009, 79, 1066-1070.	5.5	63
13	A novel theranostic system of AS1411 aptamer-functionalized albumin nanoparticles loaded on iron oxide and gold nanoparticles for doxorubicin delivery. <i>International Journal of Pharmaceutics</i> , 2019, 564, 145-152.	5.2	62
14	Indirect determination of free cyanide in water and industrial waste water by flow injection-atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2007, 158, 159-163.	5.0	61
15	Dispersive solid phase microextraction with magnetic graphene oxide as the sorbent for separation and preconcentration of ultra-trace amounts of gold ions. <i>Talanta</i> , 2015, 141, 273-278.	5.5	61
16	Effective removal of ciprofloxacin from aqueous solutions using magnetic metal—organic framework sorbents: mechanisms, isotherms and kinetics. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1617-1627.	2.2	60
17	On-Line Trace Enrichment and Determination of Uranium in Waters by Flow Injection Inductively Coupled Plasma Mass Spectrometry. <i>Applied Spectroscopy</i> , 1994, 48, 1331-1336.	2.2	59
18	Synthesis of composite hydrogel of glutamic acid, gum tragacanth, and anionic polyacrylamide by electron beam irradiation for uranium (VI) removal from aqueous samples: Equilibrium, kinetics, and thermodynamic studies. <i>Carbohydrate Polymers</i> , 2019, 206, 352-361.	10.2	59

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19	Specific membrane transport of copper(II) ion by a cooperative carrier composed of 1,7-diaza-15-crown-5 and palmitic acid. <i>Journal of Membrane Science</i> , 1992, 75, 61-68.	8.2	56
20	Surface molecularly imprinted polymer on magnetic multi-walled carbon nanotubes for selective recognition and preconcentration of metformin in biological fluids prior to its sensitive chemiluminescence determination: Central composite design optimization. <i>Analytica Chimica Acta</i> , 2019, 1089, 78-89.	5.4	53
21	Synthesis and application of nano-pore size ion imprinted polymer for solid phase extraction and determination of zinc in different matrices. <i>Food Chemistry</i> , 2012, 134, 488-493.	8.2	51
22	Electron beam irradiation synthesis of porous and non-porous pectin based hydrogels for a tetracycline drug delivery system. <i>Materials Science and Engineering C</i> , 2019, 102, 391-404.	7.3	51
23	Immobilized salen (N,N-bis (salicylidene) ethylenediamine) as a complexing agent for on-line sorbent extraction/preconcentration and flow injection-flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2005, 539, 69-75.	5.4	50
24	Spectrophotometric determination of iron species using a combination of artificial neural networks and dispersive liquid-liquid microextraction based on solidification of floating organic drop. <i>Journal of Hazardous Materials</i> , 2011, 197, 176-182.	12.4	50
25	Iron oxide functionalized graphene oxide as an efficient sorbent for dispersive micro-solid phase extraction of sulfadiazine followed by spectrophotometric and mode-mismatched thermal lens spectrometric determination. <i>Talanta</i> , 2016, 147, 561-568.	5.5	50
26	Synthesis, characterization, and application of a Zn (II)-imprinted polymer grafted on graphene oxide/magnetic chitosan nanocomposite for selective extraction of zinc ions from different food samples. <i>Food Chemistry</i> , 2017, 237, 921-928.	8.2	50
27	Non-enzymatic sensing of dopamine by localized surface plasmon resonance using carbon dots-functionalized gold nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 223-229.	2.8	49
28	Highly Selective Membrane Transport of Zn <sup>2+</sup> -Ion by a Cooperative Carrier Composed of 1,10-Diaza-18-crown-6 and Palmitic Acid. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 2779-2783.	3.2	48
29	High-Performance Liquid Chromatographic Determination of Diazinon after Its Magnetic Dispersive Solid-Phase Microextraction Using Magnetic Molecularly Imprinted Polymer. <i>Food Analytical Methods</i> , 2016, 9, 2621-2630.	2.6	46
30	Sulfonated metal organic framework loaded on iron oxide nanoparticles as a new sorbent for the magnetic solid phase extraction of cadmium from environmental water samples. <i>Analytical Methods</i> , 2016, 8, 6337-6346.	2.7	46
31	Application of modified stir bar with nickel:zinc sulphide nanoparticles loaded on activated carbon as a sorbent for preconcentration of losartan and valsartan and their determination by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2016, 1437, 15-24.	3.7	45
32	Development of a novel mixed hemimicelles dispersive micro solid phase extraction using 1-hexadecyl-3-methylimidazolium bromide coated magnetic graphene for the separation and preconcentration of fluoxetine in different matrices before its determination by fiber optic linear array spectrophotometry and mode-mismatched thermal lens spectroscopy. <i>Analytica Chimica Acta</i> , 2016, 905, 85-92.	5.4	45
33	Preconcentration, speciation and determination of ultra trace amounts of mercury by modified octadecyl silica membrane disk/electron beam irradiation and cold vapor atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 161, 276-280.	12.4	44
34	QSAR Models for CXCR2 Receptor Antagonists Based on the Genetic Algorithm for Data Preprocessing Prior to Application of the PLS Linear Regression Method and Design of the New Compounds Using In Silico Virtual Screening. <i>Molecules</i> , 2011, 16, 1928-1955.	3.8	42
35	Simultaneous extraction and determination of albendazole and triclabendazole by a novel syringe to syringe dispersive liquid phase microextraction-solidified floating organic drop combined with high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2016, 932, 22-28.	5.4	42
36	Solid phase microextraction of diclofenac using molecularly imprinted polymer sorbent in hollow fiber combined with fiber optic-linear array spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 147, 26-30.	3.9	41

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37	Application of Deep Eutectic Solvent Modified Cotton as a Sorbent for Online Solid-Phase Extraction and Determination of Trace Amounts of Copper and Nickel in Water and Biological Samples. <i>Biological Trace Element Research</i> , 2017, 176, 207-215.	3.5	41
38	Speciation and determination of chromium ions by dispersive micro solid phase extraction using magnetic graphene oxide followed by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1080-1093.	3.3	40
39	Preconcentration and speciation of thallium by ferrofluid based dispersive solid phase extraction and flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2017, 130, 428-435.	4.5	40
40	Synthesis and characterisation of nano-pore antimony imprinted polymer and its use in the extraction and determination of antimony in water and fruit juice samples. <i>Food Chemistry</i> , 2014, 145, 571-577.	8.2	35
41	Synthesis and characterization of a nanomagnetic ion imprinted polymer for selective extraction of silver ions from aqueous samples. <i>Mikrochimica Acta</i> , 2015, 182, 1025-1033.	5.0	34
42	Extraction and membrane transport of metal ions by some synthetic 9,10-anthraquinone and 9-anthrone derivatives. A selective system for calcium transport. <i>Journal of Membrane Science</i> , 1993, 78, 115-122.	8.2	33
43	Selective fluorometric determination of sulfadiazine based on the growth of silver nanoparticles on graphene quantum dots. <i>Mikrochimica Acta</i> , 2020, 187, 54.	5.0	33
44	Flame atomic absorption spectrometric determination of trace amounts of cobalt after cloud point extraction as 2-[(2-Mercaptophenylimino)methyl]phenol complex. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 832-838.	0.6	32
45	Indirect spectrophotometric determination of ultra trace amounts of selenium based on dispersive liquid-liquid microextraction-solidified floating organic drop. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 1-5.	3.9	32
46	Separation/preconcentration and determination of quercetin in food samples by dispersive liquid-liquid microextraction based on solidification of floating organic drop-flow injection spectrophotometry. <i>Journal of Food Science and Technology</i> , 2015, 52, 1103-1109.	2.8	30
47	Removal of congo red from aqueous solution by its sorption onto the metal organic framework MIL-100(Fe): equilibrium, kinetic and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2015, 56, 709-721.	1.0	30
48	Synthesis of new hydrogels based on pectin by electron beam irradiation with and without surface modification for methylene blue removal. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102919.	6.7	30
49	Simultaneous extraction and quantification of lamotrigine, phenobarbital, and phenytoin in human plasma and urine samples using solidified floating organic drop microextraction and high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2510-2516.	2.5	29
50	Indirect spectrophotometric determination of sulfadiazine based on localized surface plasmon resonance peak of silver nanoparticles after cloud point extraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 30-35.	3.9	29
51	MultiSimplex optimization of the dispersive solid-phase microextraction and determination of fenitrothion by magnetic molecularly imprinted polymer and high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1181-1189.	2.2	29
52	Vortex-assisted surfactant-enhanced emulsification microextraction based on solidification of floating organic drop combined with high performance liquid chromatography for determination of naproxen and nabumetone. <i>Journal of Chromatography A</i> , 2015, 1425, 17-24.	3.7	27
53	Preparation of magnetic mesoporous silica composite for the solid-phase microextraction of diazinon and malathion before their determination by high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2017, 40, 1731-1738.	2.5	27
54	MultiSimplex optimization of on-line sorbent preconcentration and determination of iron by FI-AAS and microcolumn of immobilized ferron. <i>Talanta</i> , 2008, 77, 551-555.	5.5	26

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55	Immobilized 1,5-diphenylcarbazone as a complexing agent for on-line trace enrichment and determination of copper by flow injection-atomic absorption spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1434-1438.	3.0	25
56	Solid phase extraction and flame atomic absorption spectrometric determination of trace amounts of cadmium and lead in water and biological samples using modified TiO <sub>2</sub> nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1367-1380.	3.3	25
57	Suspended nanoparticles in surfactant media as a microextraction technique for simultaneous separation and preconcentration of cobalt, nickel and copper ions for electrothermal atomic absorption spectrometry determination. <i>Talanta</i> , 2013, 106, 150-154.	5.5	24
58	Dispersive liquid-liquid microextraction based on solidification of floating organic drop for simultaneous separation/preconcentration of nickel, cobalt and copper prior to determination by electrothermal atomic absorption spectrometry. <i>Quimica Nova</i> , 2013, 36, 63-68.	0.3	24
59	Temperature-controlled liquid-liquid microextraction combined with high-performance liquid chromatography for the simultaneous determination of diazinon and fenitrothion in water and fruit juice samples. <i>Journal of Separation Science</i> , 2018, 41, 2411-2418.	2.5	23
60	Ultrasound-assisted emulsification-solidified floating organic drop microextraction combined with flow injection-flame atomic absorption spectrometry for the determination of palladium in water samples. <i>Turkish Journal of Chemistry</i> , 2013, 37, 746-755.	1.2	22
61	Colorimetric determination of nabumetone based on localized surface plasmon resonance of functionalized gold nanoparticles as a chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1300-1306.	7.8	22
62	Application of graphene oxide-silica composite reinforced hollow fibers as a novel device for pseudo-stir bar solid phase microextraction of sulfadiazine in different matrices prior to its spectrophotometric determination. <i>Food Chemistry</i> , 2017, 221, 783-789.	8.2	22
63	Modified dispersive liquid-phase microextraction based on sequential injection solidified floating organic drop combined with HPLC for the determination of phenobarbital and phenytoin. <i>Journal of Separation Science</i> , 2018, 41, 509-517.	2.5	22
64	Chemiluminescence determination of furazolidone in poultry tissues and water samples after selective solid phase microextraction using magnetic molecularly imprinted polymers. <i>New Journal of Chemistry</i> , 2018, 42, 10751-10760.	2.8	22
65	Doxycycline drug delivery using hydrogels of O-carboxymethyl chitosan conjugated with caffeic acid and its composite with polyacrylamide synthesized by electron beam irradiation. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 962-973.	7.5	21
66	Speciation analysis of mercury in water samples by cold vapor atomic absorption spectrometry after preconcentration with dithizone immobilized on microcrystalline naphthalene. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1388-1391.	3.7	20
67	Determination of thallium traces by ETAAS after on-line matrix separation and preconcentration in a flow injection system. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1353-1359.	0.6	20
68	Simultaneous spectrophotometric determination of Fe(III) and Al(III) using orthogonal signal correction-partial least squares calibration method after solidified floating organic drop microextraction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 929-934.	3.9	20
69	Selective separation and determination of diclofenac via magnetic molecularly imprinted polymer and spectrophotometry. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 155-164.	2.2	20
70	Carbon dots doped by nitrogen and sulfur for dual-mode colorimetric and fluorometric determination of Fe <sup>3+</sup> and histidine and intracellular imaging of Fe <sup>3+</sup> in living cells. <i>Mikrochimica Acta</i> , 2020, 187, 562.	5.0	20
71	Artificial neural network assisted kinetic spectrophotometric technique for simultaneous determination of paracetamol and p-aminophenol in pharmaceutical samples using localized surface plasmon resonance band of silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 474-480.	3.9	19
72	Hollow fibre-supported graphene oxide nanosheets modified with a deep eutectic solvent to be used for the solid-phase microextraction of silver ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 124-137.	3.3	19

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73	Online Trace Enrichment and Determination of Cobalt Ion as an Anionic Complex by Flow Injection Atomic Absorption Spectrometry. <i>Microchemical Journal</i> , 1999, 63, 226-234.	4.5	17
74	Fabrication of a sensitive colorimetric nanosensor for determination of cysteine in human serum and urine samples based on magnetic-sulfur, nitrogen graphene quantum dots as a selective platform and Au nanoparticles. <i>Talanta</i> , 2021, 226, 122055.	5.5	17
75	Computational design, synthesis and utilization of a magnetic molecularly imprinted polymer on graphene oxide nanosheets for highly selective extraction and determination of buprenorphine in biological fluids and tablets. <i>Analytical Methods</i> , 2018, 10, 5214-5226.	2.7	16
76	Design of a pseudo stir bar sorptive extraction using graphenized pencil lead as the base of the molecularly imprinted polymer for extraction of nabumetone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118427.	3.9	16
77	Microwave-enhanced Fenton-like degradation by surface-modified metal-organic frameworks as a promising method for removal of dye from aqueous samples. <i>Turkish Journal of Chemistry</i> , 2017, 41, 426-439.	1.2	15
78	Mixed hemimicelles solid phase extraction based on sodium dodecyl sulphate-coated nano-magnets Fe <sub>3</sub> O <sub>4</sub> for the simultaneous separation and preconcentration of cobalt and nickel. <i>Microchemical Journal</i> , 2019, 146, 234-238.	4.5	15
79	Combination of solid phase extraction and dispersive liquid-liquid microextraction for separation/preconcentration of ultra trace amounts of uranium prior to its fiber optic-linear array spectrophotometry determination. <i>Journal of Hazardous Materials</i> , 2013, 263, 670-676.	12.4	14
80	Computer-aided design and synthesis of a highly selective molecularly imprinted polymer for the extraction and determination of buprenorphine in biological fluids. <i>Journal of Separation Science</i> , 2017, 40, 3175-3182.	2.5	14
81	Selective extraction of organophosphorous pesticides in plasma by magnetic molecularly imprinted polymers with the aid of computational design. <i>Analytical Methods</i> , 2018, 10, 4136-4142.	2.7	14
82	Synthesis of stable S- functionalized metal-organic framework using MoS <sub>2</sub> - and its application for selective and efficient removal of toxic heavy metal ions in wastewater treatment. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104696.	6.7	14
83	Determination of lamotrigine by fluorescence quenching of N-doped graphene quantum dots after its solid-phase extraction using magnetic graphene oxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120530.	3.9	13
84	Spectrophotometric determination of iron species using ionic liquid ultrasound assisted dispersive liquid-liquid microextraction. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1059-1068.	1.2	12
85	Hollow Fiber Liquid Phase Microextraction Method Combined with High-Performance Liquid Chromatography for Simultaneous Separation and Determination of Ultra-Trace Amounts of Naproxen and Nabumetone in Cow Milk, Water, and Biological Samples. <i>Food Analytical Methods</i> , 2016, 9, 2762-2772.	2.6	12
86	Immobilized stearic acid as a new sorbent for on-line preconcentration and determination of lead by flow injection flame atomic absorption spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 548-554.	0.6	12
87	Synthesis and application of a nanoporous ion-imprinted polymer for the separation and preconcentration of trace amounts of vanadium from food samples before determination by electrothermal atomic absorption spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1509-1517.	2.5	11
88	Simultaneous extraction and quantification of albendazole and triclabendazole using vortex-assisted hollow-fiber liquid-phase microextraction combined with high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2016, 39, 2238-2245.	2.5	11
89	A novel sensor for determination of naproxen based on change in localized surface plasmon peak of functionalized gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 179, 11-16.	3.9	11
90	Synthesis of 2-mercaptobenzothiazole/magnetic nanoparticles modified multi-walled carbon nanotubes for simultaneous solid-phase microextraction of cadmium and lead. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-13.	3.3	11

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91	Hollow fiber reinforced with molecularly imprinted polymer supported on multiwalled carbon nanotubes for microextraction of furazolidone in real samples prior to its spectrophotometric determination. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2003-2010.	2.2	11
92	Dispersive solid-phase extraction of buprenorphine from biological fluids using metal-organic frameworks and its determination by ultra-performance liquid chromatography. <i>Journal of Separation Science</i> , 2020, 43, 3045-3052.	2.5	11
93	Development of a simple method for the determination of toluene extractable organotin by electrothermal atomic absorption spectrometry and its application to effluent analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 1994, 9, 7.	3.0	10
94	Development and evaluation of selective coating for stir bar sorptive extraction of silver using sol-gel technique in combination with double-imprinting concept. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 929-936.	2.2	10
95	Computational modeling, fabrication, and characterization of the deep eutectic solvent-based green molecular cage for selective metronidazole extraction from plasma followed by UHPLC with diode array detector determination. <i>Journal of Separation Science</i> , 2021, 44, 3268-3278.	2.5	10
96	Separation, preconcentration and speciation of chromium by solid phase extraction on immobilised ferron. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1320-1328.	3.3	9
97	Preconcentration and determination of lead(II) by microextraction based on suspended cation covered zirconia nanoparticles in a surfactant media. <i>Mikrochimica Acta</i> , 2013, 180, 1225-1232.	5.0	9
98	Dispersive liquid-liquid microextraction based on solidification of floating organic drop for separation and preconcentration of malachite green before its determination by flow injection spectrophotometry. <i>Spectroscopy Letters</i> , 2016, 49, 140-145.	1.0	9
99	Development of a novel method for determination of mercury based on its inhibitory effect on horseradish peroxidase activity followed by monitoring the surface plasmon resonance peak of gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 709-713.	3.9	9
100	Determination of vanadium species in water, vegetables, and fruit samples using supramolecular solvent microextraction combined with electrothermal atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1899-1906.	2.2	9
101	Magnetic dispersive solid phase extraction using modified magnetic multi-walled carbon nanotubes combined with electrothermal atomic absorption spectrometry for the determination of selenium. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 555-569.	3.3	9
102	A selective off-on fluorescent aptasensor for alpha-fetoprotein determination based on N-carbon quantum dots and oxidized nanocellulose. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113872.	3.9	9
103	AS1411 aptamer-functionalized graphene oxide-based nano-carrier for active-target and pH-sensitive delivery of curcumin. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2367-2376.	2.2	9
104	Extraction-Spectrophotometric Determination of Potassium by Dibenzo-18-crown-6 and Calmagite and Its Application to Biological Fluids. <i>Analytical Letters</i> , 1992, 25, 11-20.	1.8	8
105	Indirect Determination of Sulfadiazine by Cloud Point Extraction/Flow Injection-Flame Atomic Absorption (CPE/Fl-FAAS) Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 503-508.	1.4	8
106	Solid Phase Extraction of Trace Amounts of Cadmium with Cetyltrimethylammonium Bromide-Coated Magnetic Nanoparticles Prior to Its Determination by Flame Atomic Absorption Spectrometry. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 782-787.	1.4	8
107	Supramolecular dispersive liquid-liquid microextraction-based solidification of floating organic drops combined with electrothermal atomic absorption spectrometry for determination of chromium species. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 444-455.	3.3	8
108	Synthesis of a novel molecularly imprinted polymer based on functionalized multi-walled carbon nanotubes for selective extraction of sulfadiazine prior to spectrophotometric determination. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1935-1944.	2.2	8

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109	Synthesis of nano-pore size Al(III)-imprinted polymer for the extraction and preconcentration of aluminum ions. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 669-676.	2.2	7
110	Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop for Isolation and Determination of Opium Alkaloids. <i>Journal of Analytical Chemistry</i> , 2018, 73, 765-770.	0.9	7
111	Simultaneous Functionalization and Reduction of Magnetic Graphene Oxide by L-Histidine and its Application for Magnetic Separation/Preconcentration of Antioxidant Trace Elements. <i>Biological Trace Element Research</i> , 2019, 190, 262-272.	3.5	7
112	Green synthesis of a high capacity magnetic polymer nanocomposite sorbent based on the natural products for removal of Reactive Black 5. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 2087-2101.	3.3	7
113	S and N co-doped graphene quantum dots as an effective fluorescence probe for sensing of furazolidone after magnetic solid-phase microextraction using magnetic multiwalled carbon nanotubes. <i>Microchemical Journal</i> , 2022, 179, 107439.	4.5	7
114	Deep eutectic solvent containing 2-(3-hydroxy-1-methylbut-2-enylideneamino)pyridine-3-ol immobilized on magnetic graphene oxide as a selective sorbent for dispersive micro-solid phase extraction of cadmium ions. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1311-1319.	2.2	6
115	Solidified floating organic drop microextraction combined with high performance liquid chromatography for the determination of carbamazepine in human plasma and urine samples. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2015, 33, 634.	0.8	6
116	Chemiluminescence determination of dopamine using N, P-graphene quantum dots after preconcentration on magnetic oxidized nanocellulose modified with graphene quantum dots. <i>Mikrochimica Acta</i> , 2022, 189, 192.	5.0	6
117	Co-microprecipitation/flotation of trace amounts of cadmium from environmental samples through its complexation with iodide and neutralization with cetyltrimethylammonium bromide in the presence of perchlorate ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1365-1374.	3.3	5
118	Extraction-Spectrophotometric Determination of Osmium Using 4-(2-Pyridylazo)resorcinol. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 3063-3066.	3.2	4
119	Solidified floating organic drop microextraction-electrothermal atomic absorption spectrometry for ultra trace determination of antimony species in tea, basil and water samples. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 289.	2.2	4
120	Flame Atomic Absorption Spectrometric Determination of Trace Amounts of Silver after Solid-Phase Extraction with 2-Mercaptobenzothiazole Immobilized on Microcrystalline Naphthalene. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	4
121	Simultaneous spectrophotometric determination of iron species using orthogonal signal correction-generalized partial least squares calibration method after vortex-assisted dispersive liquid-liquid microextraction. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 843-851.	2.2	4
122	In syringe-supramolecular dispersive liquid-liquid microextraction followed by atomic absorption spectrometric determination for iron species in water and total iron in food samples. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-12.	3.3	4
123	Hydride generation atomic absorption spectrometric determination of bismuth after separation and preconcentration with modified alumina. <i>Journal of Separation Science</i> , 2015, 38, 677-682.	2.5	3
124	Experimental Design Optimization of Supramolecular Dispersive Liquid-Liquid Microextraction of Nickel and its Spectrophotometric Determination. <i>Journal of Analytical Chemistry</i> , 2021, 76, 442-451.	0.9	3
125	Response surface methodology optimization of supramolecular dispersive liquid-liquid microextraction-solidified floating organic drop of brilliant green and its spectrophotometric determination. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 2202-2210.	1.4	3
126	Selective and Sensitive Fluorometric Determination of Piroxicam Based on Nitrogen-doped Graphene Quantum Dots and Gold Nanoparticles Coated with Phenylalanine. <i>Journal of Fluorescence</i> , 2022, 32, 1337-1346.	2.5	3



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127	A new approach towards simultaneous extraction of individual analytes based on the simultaneous application of multiple magnetic sorbents. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2974-2981.	3.0	2
128	Cold Vapor Atomic Absorption Spectrometric Determination of Cadmium after Solid Phase Extraction on Modified TiO <sub>2</sub> Nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	2
129	Simultaneous Spectrophotometric Determination of Iron (III) and Vanadium (V) in Water Samples Using a Combination of Partial Least Squares Regression and Solid Phase Extraction with Modified Octadecyl Silica Membrane Disks. <i>Current Analytical Chemistry</i> , 2014, 10, 590-599.	1.2	0
130	Solid phase extraction of zinc with octadecyl silica membrane disks modified by N,N- <sup>TM</sup> -disalicylidene-1,2-phenyldiamine and determination by flame atomic absorption spectrometry. <i>Ecletica Quimica</i> , 0, 33, 61.	0.5	0
131	Dispersive liquid-liquid microextraction followed by magnetic nanoparticles retrieval of extract for separation and preconcentration of tetracycline from real samples before its selective spectrophotometric determination based on azo dye formation. <i>Separation Science Plus</i> , 0, , .	0.6	0