

Shayessteh Dadfarnia

List of Publications by Year in descending order

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131
papers

4,108
citations

94433

37
h-index

144013

57
g-index

132
all docs

132
docs citations

132
times ranked

3744
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Synthesis of stable S- functionalized metal-organic framework using MoS ₂ 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | Carbon dots doped by nitrogen and sulfur for dual-mode colorimetric and fluorometric determination of Fe ³⁺ and histidine and intracellular imaging of Fe ³⁺ in living cells. <i>Mikrochimica Acta</i> , 2020, 187, 562. | 5.0 | 20 |
| 17 | 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 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | 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 |
| 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 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Mixed hemimicelles solid phase extraction based on sodium dodecyl sulphate-coated nano-magnets Fe ₃ O ₄ for the simultaneous separation and preconcentration of cobalt and nickel. <i>Microchemical Journal</i> , 2019, 146, 234-238. | 4.5 | 15 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|------|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | 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 |
| 58 | 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 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | 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 |
| 68 | 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 |
| 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 | 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 |
| 71 | 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 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | 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 |
| 74 | 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 |
| 75 | 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 |
| 76 | 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 |
| 77 | 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 |
| 78 | 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 |
| 79 | 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 |
| 80 | 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 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | Cold Vapor Atomic Absorption Spectrometric Determination of Cadmium after Solid Phase Extraction on Modified TiO ₂ Nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2014, , . | 0.6 | 2 |
| 86 | 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 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

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|-----|--|------|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | Solid phase extraction and flame atomic absorption spectrometric determination of trace amounts of cadmium and lead in water and biological samples using modified TiO ₂ nanoparticles. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1367-1380. | 3.3 | 25 |
| 94 | 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 |
| 95 | 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 |
| 96 | 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 |
| 97 | 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 |
| 98 | 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 |
| 99 | 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 |
| 100 | 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 |
| 101 | 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 |
| 102 | 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 |
| 103 | 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 |
| 104 | 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 |
| 105 | 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 |
| 106 | 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 |
| 107 | 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 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | 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 |
| 113 | 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 |
| 114 | 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 |
| 115 | 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 |
| 116 | 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 |
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