

Mohammad Saraji

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

3,944
citations

94433

37
h-index

155660

55
g-index

132
all docs

132
docs citations

132
times ranked

3758
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Recent developments in dispersive liquid-liquid microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2027-2066. | 3.7 | 178 |
| 2 | Selective solid-phase extraction of Ni(II) by an ion-imprinted polymer from water samples. <i>Journal of Hazardous Materials</i> , 2009, 167, 1152-1157. | 12.4 | 126 |
| 3 | Conductive polymers as new media for solid-phase extraction: Isolation of chlorophenols from water sample. <i>Journal of Chromatography A</i> , 2003, 986, 111-119. | 3.7 | 125 |
| 4 | Determination of phenols in water samples by single-drop microextraction followed by in-syringe derivatization and gas chromatography-mass spectrometric detection. <i>Journal of Chromatography A</i> , 2005, 1098, 30-36. | 3.7 | 114 |
| 5 | Polypyrrole/montmorillonite nanocomposite as a new solid phase microextraction fiber combined with gas chromatography-corona discharge ion mobility spectrometry for the simultaneous determination of diazinon and fenthion organophosphorus pesticides. <i>Analytica Chimica Acta</i> , 2014, 814, 69-78. | 5.4 | 112 |
| 6 | Environmentally-friendly and ultrasonic-assisted preparation of two-dimensional ultrathin Ni/Co-NO ₃ layered double hydroxide nanosheet for micro solid-phase extraction of phenolic acids from fruit juices. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 395-401. | 8.2 | 99 |
| 7 | Single-drop microextraction followed by in-syringe derivatization and GC-MS detection for the determination of parabens in water and cosmetic products. <i>Journal of Separation Science</i> , 2009, 32, 988-995. | 2.5 | 90 |
| 8 | Carbon nanotubes@silicon dioxide nanohybrids coating for solid-phase microextraction of organophosphorus pesticides followed by gas chromatography-corona discharge ion mobility spectrometric detection. <i>Journal of Chromatography A</i> , 2016, 1429, 30-39. | 3.7 | 86 |
| 9 | The catalytic conversion of fructose into 5-hydroxymethylfurfural over acid-functionalized KIT-6, an ordered mesoporous silica. <i>Chemical Engineering Journal</i> , 2016, 294, 380-388. | 12.7 | 82 |
| 10 | Dispersive liquid-liquid microextraction using a surfactant as disperser agent. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3107-3115. | 3.7 | 77 |
| 11 | Covalent triazine-based framework for micro solid-phase extraction of parabens. <i>Journal of Chromatography A</i> , 2018, 1565, 48-56. | 3.7 | 77 |
| 12 | Chemically modified cellulose paper as a thin film microextraction phase. <i>Journal of Chromatography A</i> , 2013, 1314, 24-30. | 3.7 | 72 |
| 13 | Dissolvable layered double hydroxide coated magnetic nanoparticles for extraction followed by high performance liquid chromatography for the determination of phenolic acids in fruit juices. <i>Journal of Chromatography A</i> , 2014, 1366, 24-30. | 3.7 | 71 |
| 14 | Determination of 11 priority pollutant phenols in wastewater using dispersive liquid-liquid microextraction followed by high-performance liquid chromatography-diode-array detection. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2685-2693. | 3.7 | 69 |
| 15 | Comparison of dispersive liquid-liquid microextraction and hollow fiber liquid-liquid microextraction for the determination of fentanyl, alfentanil, and sufentanil in water and biological fluids by high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 2149-2158. | 3.7 | 62 |
| 16 | Electroanalytical Sensor Based on Gold-Nanoparticle-Decorated Paper for Sensitive Detection of Copper Ions in Sweat and Serum. <i>Analytical Chemistry</i> , 2021, 93, 5225-5233. | 6.5 | 62 |
| 17 | Metal-organic framework mixed-matrix disks: Versatile supports for automated solid-phase extraction prior to chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1488, 1-9. | 3.7 | 61 |
| 18 | Analysis of carbamate pesticides in water samples using single-drop microextraction and gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1091-1100. | 3.7 | 60 |

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|----|--|------|-----------|
| 19 | Dynamic headspace liquid-phase microextraction of alcohols. <i>Journal of Chromatography A</i> , 2005, 1062, 15-21. | 3.7 | 59 |
| 20 | Application of single-drop microextraction combined with in-microvial derivatization for determination of acidic herbicides in water samples by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1178, 17-23. | 3.7 | 59 |
| 21 | Au-Pd@g-C ₃ N ₄ as an Efficient Photocatalyst for Visible-Light Oxidation of Benzene to Phenol: Experimental and Mechanistic Study. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27477-27485. | 3.1 | 58 |
| 22 | Single-drop microextraction followed by in-syringe derivatization and gas chromatography-mass spectrometric detection for determination of organic acids in fruits and fruit juices. <i>Journal of Separation Science</i> , 2006, 29, 1223-1229. | 2.5 | 56 |
| 23 | Combination of paper-based thin film microextraction with smartphone-based sensing for sulfite assay in food samples. <i>Talanta</i> , 2019, 197, 578-583. | 5.5 | 56 |
| 24 | Use of hollow fibre-based liquid-liquid microextraction and high-performance liquid chromatography-diode array detection for the determination of phenolic acids in fruit juices. <i>Food Chemistry</i> , 2010, 123, 1310-1317. | 8.2 | 51 |
| 25 | Smartphone-based chemiluminescence sensing for TLC imaging. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 891-894. | 7.8 | 50 |
| 26 | Dehydration of fructose and glucose to 5-hydroxymethylfurfural over Al-KCC-1 silica. <i>Journal of Energy Chemistry</i> , 2018, 27, 769-780. | 12.9 | 49 |
| 27 | Application of dispersive liquid-liquid microextraction for the determination of phenylurea herbicides in water samples by HPLC-diode array detection. <i>Journal of Separation Science</i> , 2009, 32, 4186-4192. | 2.5 | 48 |
| 28 | Polypyrrole/sol-gel composite as a solid-phase microextraction fiber coating for the determination of organophosphorus pesticides in water and vegetable samples. <i>Journal of Chromatography A</i> , 2013, 1279, 20-26. | 3.7 | 47 |
| 29 | Anticodine aptamer immobilized on a Whatman cellulose paper for thin-film microextraction of codeine from urine followed by electrospray ionization ion mobility spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1615-1623. | 3.7 | 45 |
| 30 | Single-drop microextraction combined with gas chromatography-electron capture detection for the determination of acrylamide in food samples. <i>Food Chemistry</i> , 2019, 274, 55-60. | 8.2 | 43 |
| 31 | Single-drop microextraction with in-microvial derivatization for the determination of haloacetic acids in water sample by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 1059-1066. | 3.7 | 42 |
| 32 | Production of 5-hydroxymethylfurfural from fructose using a spherically fibrous KCC-1 silica catalyst. <i>RSC Advances</i> , 2016, 6, 33804-33810. | 3.6 | 42 |
| 33 | Aptasensor based on fluorescence resonance energy transfer for the analysis of adenosine in urine samples of lung cancer patients. <i>Biosensors and Bioelectronics</i> , 2016, 79, 334-340. | 10.1 | 42 |
| 34 | Covalent triazine framework-decorated phenyl-functionalised SBA-15: its synthesis and application as a novel nanoporous adsorbent. <i>New Journal of Chemistry</i> , 2019, 43, 13058-13067. | 2.8 | 41 |
| 35 | Sol-gel/nanoclay composite as a solid-phase microextraction fiber coating for the determination of organophosphorus pesticides in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1241-1252. | 3.7 | 40 |
| 36 | Headspace single drop microextraction combined with mobile phone-based on-drop sensing for the determination of formaldehyde. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1474-1478. | 7.8 | 39 |

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|----|--|-----|-----------|
| 37 | Porous magnetized carbon sheet nanocomposites for dispersive solid-phase microextraction of organophosphorus pesticides prior to analysis by gas chromatography-ion mobility spectrometry. <i>Mikrochimica Acta</i> , 2019, 186, 88. | 5.0 | 39 |
| 38 | Metal-organic aerogel as a coating for solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2017, 973, 51-58. | 5.4 | 38 |
| 39 | A sulfonated triazine-based covalent organic polymer supported on a mesoporous material: a new and robust material for the production of 5-hydroxymethylfurfural. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1024-1032. | 4.9 | 38 |
| 40 | Negative electrospray ionization ion mobility spectrometry combined with microextraction in packed syringe for direct analysis of phenoxyacid herbicides in environmental waters. <i>Journal of Chromatography A</i> , 2012, 1249, 41-47. | 3.7 | 37 |
| 41 | A portable smartphone-based colorimetric sensor for rapid determination of water content in ethanol. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 150, 107068. | 5.0 | 36 |
| 42 | Hollow fiber liquid-liquid-liquid microextraction followed by solid-phase microextraction and in situ derivatization for the determination of chlorophenols by gas chromatography-electron capture detection. <i>Journal of Chromatography A</i> , 2015, 1418, 45-53. | 3.7 | 35 |
| 43 | Halloysite nanotubes-titanium dioxide as a solid-phase microextraction coating combined with negative corona discharge-ion mobility spectrometry for the determination of parathion. <i>Analytica Chimica Acta</i> , 2016, 926, 55-62. | 5.4 | 32 |
| 44 | Optical aptasensor based on silver nanoparticles for the colorimetric detection of adenosine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 1-5. | 3.9 | 31 |
| 45 | Mesoporous carbon-zirconium oxide nanocomposite derived from carbonized metal organic framework: A coating for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2016, 1460, 33-39. | 3.7 | 27 |
| 46 | Selective micro solid-phase extraction of epinephrine, norepinephrine and dopamine from human urine and plasma using aminophenylboronic acid covalently immobilized on magnetic nanoparticles followed by high-performance liquid chromatography-fluorescence detection. <i>Analytical Methods</i> , 2016, 8, 830-839. | 2.7 | 27 |
| 47 | Cleaner production of 5-hydroxymethylfurfural from fructose using ultrasonic propagation. <i>Journal of Cleaner Production</i> , 2018, 198, 381-388. | 9.3 | 27 |
| 48 | Dehydration of carbohydrates into 5-hydroxymethylfurfural over vanadyl pyrophosphate catalysts. <i>Renewable Energy</i> , 2021, 164, 11-22. | 8.9 | 27 |
| 49 | Paper-based headspace extraction combined with digital image analysis for trace determination of cyanide in water samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 28-34. | 7.8 | 26 |
| 50 | Preparation of a nano-biocomposite film based on halloysite-chitosan as the sorbent for thin film microextraction. <i>Microchemical Journal</i> , 2019, 150, 104171. | 4.5 | 26 |
| 51 | Hollow fiber-based liquid-liquid-liquid microextraction followed by flow injection analysis using columnless HPLC for the determination of phenazopyridine in plasma and urine. <i>Journal of Separation Science</i> , 2011, 34, 1708-1715. | 2.5 | 24 |
| 52 | Extraction of methocarbamol from human plasma with a polypyrrole/multiwalled carbon nanotubes composite decorated with magnetic nanoparticles as an adsorbent followed by electrospray ionization ion mobility spectrometry detection. <i>Journal of Separation Science</i> , 2014, 37, 3518-3525. | 2.5 | 24 |
| 53 | Octadecylsilane/Nylon-6 composite as a thin film microextraction sorbent for the determination of bisphenol A in water samples. <i>Journal of Separation Science</i> , 2016, 39, 3616-3623. | 2.5 | 24 |
| 54 | Sol-gel electrospinning preparation of hybrid carbon silica nanofibers for extracting organophosphorus pesticides prior to analyzing them by gas chromatography-ion mobility spectrometry. <i>Journal of Chromatography A</i> , 2018, 1558, 1-13. | 3.7 | 24 |

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|----|---|------|-----------|
| 55 | Automated multisyringe stir bar sorptive extraction using robust montmorillonite/epoxy-coated stir bars. <i>Journal of Chromatography A</i> , 2016, 1445, 10-18. | 3.7 | 23 |
| 56 | Phenyl carbamate functionalized zinc oxide nanorods for paper-based thin film microextraction. <i>RSC Advances</i> , 2017, 7, 50210-50215. | 3.6 | 22 |
| 57 | Direct molecular imprinting technique to synthesize coated electrospun nanofibers for selective solid-phase microextraction of chlorpyrifos. <i>Mikrochimica Acta</i> , 2019, 186, 524. | 5.0 | 22 |
| 58 | Combined hollow fiber-based liquid-liquid microextraction and in-situ differential pulse voltammetry to improve selectivity, sensitivity, and interference elimination in electrochemical analysis. <i>Talanta</i> , 2010, 82, 1588-1593. | 5.5 | 21 |
| 59 | Microporous silica with nanolayer structure coated with renewable organic solvent film as a novel extracting phase: A combination of solid- and liquid-phase microextraction. <i>Analytica Chimica Acta</i> , 2012, 721, 61-67. | 5.4 | 21 |
| 60 | Coupling of solid phase microextraction with electrospray ionization ion mobility spectrometry and direct analysis of venlafaxine in human urine and plasma. <i>Analytica Chimica Acta</i> , 2015, 853, 460-468. | 5.4 | 21 |
| 61 | A 96-well wax printed Prussian Blue paper for the visual determination of cholinesterase activity in human serum. <i>Biosensors and Bioelectronics</i> , 2019, 134, 97-102. | 10.1 | 21 |
| 62 | A silica-based three-dimensional molecularly imprinted coating for the selective solid-phase microextraction of difenoconazole from wheat and fruits samples. <i>Analytica Chimica Acta</i> , 2020, 1098, 37-46. | 5.4 | 21 |
| 63 | Hollow fiber-based liquid-liquid microextraction combined with electrospray ionization-ion mobility spectrometry for the determination of pentazocine in biological samples. <i>Journal of Chromatography A</i> , 2010, 1217, 5173-5178. | 3.7 | 20 |
| 64 | A simple approach for the preparation of simazine molecularly imprinted nanofibers via self-polycondensation for selective solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2016, 936, 108-115. | 5.4 | 20 |
| 65 | Combination of dispersive liquid-liquid microextraction and solid-phase microextraction: An efficient hyphenated sample preparation method. <i>Journal of Chromatography A</i> , 2016, 1466, 50-58. | 3.7 | 20 |
| 66 | Developing a fluorometric aptasensor based on carbon quantum dots and silver nanoparticles for the detection of adenosine. <i>Microchemical Journal</i> , 2019, 148, 169-176. | 4.5 | 20 |
| 67 | Covalent triazine-based framework-grafted functionalized fibrous silica sphere as a solid-phase microextraction coating for simultaneous determination of fenthion and chlorpyrifos by ion mobility spectrometry. <i>Mikrochimica Acta</i> , 2021, 188, 4. | 5.0 | 20 |
| 68 | Combination of corona discharge ion mobility spectrometry with a novel reagent gas and two immiscible organic solvent liquid-liquid microextraction for analysis of clomipramine in biological samples. <i>Journal of Chromatography A</i> , 2011, 1218, 8600-8607. | 3.7 | 19 |
| 69 | Design for Gas Chromatography-Corona Discharge-Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 10077-10084. | 6.5 | 19 |
| 70 | Recycling polymer residues to synthesize magnetic nanocomposites for dispersive micro-solid phase extraction. <i>Talanta</i> , 2017, 170, 451-456. | 5.5 | 19 |
| 71 | A molecularly imprinted polymer on chromium (III) oxide nanoparticles for spectrofluorometric detection of bisphenol A. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 255, 119711. | 3.9 | 19 |
| 72 | Electrochemically prepared three-dimensional reduced graphene oxide-polyaniline nanocomposite as a solid-phase microextraction coating for ethion determination. <i>Talanta</i> , 2020, 209, 120576. | 5.5 | 18 |

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|----|---|-----|-----------|
| 73 | Analysis of narcotic drugs in biological samples using hollow fiber liquid-liquid phase microextraction and gas chromatography with nitrogen phosphorus detection. <i>Mikrochimica Acta</i> , 2011, 174, 159-166. | 5.0 | 17 |
| 74 | Cetyltrimethylammonium-coated magnetic nanoparticles for the extraction of bromate, followed by its spectrophotometric determination. <i>Mikrochimica Acta</i> , 2014, 181, 925-933. | 5.0 | 17 |
| 75 | Suitability of dispersive liquid-liquid microextraction for the in situ silylation of chlorophenols in water samples before gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 3552-3559. | 2.5 | 17 |
| 76 | Determination of residual 1,4-dioxane in surfactants and cleaning agents using headspace single-drop microextraction followed by gas chromatography-flame ionization detection. <i>International Journal of Cosmetic Science</i> , 2017, 39, 36-41. | 2.6 | 17 |
| 77 | Plasmid DNA purification by zirconia magnetic nanocomposite. <i>Analytical Biochemistry</i> , 2017, 539, 33-38. | 2.4 | 17 |
| 78 | Automated solid-phase extraction of phenolic acids using layered double hydroxide-alumina-polymer disks. <i>Journal of Separation Science</i> , 2018, 41, 2012-2019. | 2.5 | 17 |
| 79 | Electrospun polyacrylonitrile-zeolite imidazolate framework nanofibers for the thin-film microextraction of bisphenol A. <i>Separation Science Plus</i> , 2018, 1, 382-388. | 0.6 | 17 |
| 80 | Determination of volatile residual solvents in pharmaceutical products by static and dynamic headspace liquid-phase microextraction combined with gas chromatography-flame ionization detection. <i>Analytical Methods</i> , 2012, 4, 1552-1559. | 2.7 | 16 |
| 81 | Polysiloxane coated steel fibers for solid-phase microextraction of chlorobenzenes. <i>Mikrochimica Acta</i> , 2015, 182, 841-848. | 5.0 | 16 |
| 82 | Chemically modified halloysite nanotubes as a solid-phase microextraction coating. <i>Analytica Chimica Acta</i> , 2017, 964, 85-95. | 5.4 | 15 |
| 83 | The catalytic effect of Al-KIT-5 and KIT-5-SO ₃ H on the conversion of fructose to 5-hydroxymethylfurfural. <i>Research on Chemical Intermediates</i> , 2017, 43, 5507-5521. | 2.7 | 15 |
| 84 | Combining gold nanoparticle-based headspace single-drop microextraction and a paper-based colorimetric assay for selenium determination. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7441-7449. | 3.7 | 15 |
| 85 | Preparation of kappa carrageenan-based acidic heterogeneous catalyst for conversion of sugars to high-value added materials. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1129-1138. | 7.5 | 15 |
| 86 | Analysis of amantadine in biological fluids using hollow fiber-based liquid-liquid-liquid microextraction followed by corona discharge ion mobility spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3065-3070. | 2.3 | 14 |
| 87 | Phenyl-functionalized silica-coated magnetic nanoparticles for the extraction of chlorobenzenes, and their determination by GC-electron capture detection. <i>Journal of Separation Science</i> , 2013, 36, 1090-1096. | 2.5 | 14 |
| 88 | Sol-gel/nanoclay composite as a sorbent for microextraction in packed syringe combined with corona discharge ionization ion mobility spectrometry for the determination of diazinon in water samples. <i>Journal of Separation Science</i> , 2018, 41, 493-500. | 2.5 | 14 |
| 89 | A selective and efficient microfluidic method-based liquid phase microextraction for the determination of sulfonamides in urine samples. <i>Journal of Chromatography A</i> , 2021, 1652, 462344. | 3.7 | 14 |
| 90 | An amino-functionalized zirconium-based metal-organic framework/graphene oxide nanocomposite for 2,4-dichlorophenoxyacetic acid determination by ion mobility spectrometry. <i>Analytical Methods</i> , 2019, 11, 2929-2936. | 2.7 | 13 |

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|-----|---|-----|-----------|
| 91 | Analysis of dextromethorphan and pseudoephedrine in human plasma and urine samples using hollow fiber-based liquid-liquid microextraction and corona discharge ion mobility spectrometry. <i>Mikrochimica Acta</i> , 2012, 176, 471-478. | 5.0 | 12 |
| 92 | Mg-Al-CO ₃ layered double hydroxide reinforced polymer inclusion membrane as an extractant phase for thin-film microextraction of cyanide from environmental water samples. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27854-27861. | 5.3 | 12 |
| 93 | Flexible/self-supported zeolitic imidazolate framework-67 film as an adsorbent for thin-film microextraction. <i>Microchemical Journal</i> , 2019, 146, 98-105. | 4.5 | 12 |
| 94 | Microfluidic liquid-phase microextraction based on natural deep eutectic solvents immobilized in agarose membranes. <i>Journal of Chromatography A</i> , 2021, 1657, 462580. | 3.7 | 12 |
| 95 | An effective configuration for automated magnetic micro solid-phase extraction of phenylurea herbicides from water samples followed by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1617, 460829. | 3.7 | 11 |
| 96 | Microfluidic-based liquid-liquid microextraction in combination with smartphone-based on-chip detection for the determination of copper in biological, environmental, and food samples. <i>Microchemical Journal</i> , 2021, 160, 105655. | 4.5 | 11 |
| 97 | A green microfluidic method based liquid phase microextraction for the determination of parabens in human urine samples. <i>Journal of Chromatography A</i> , 2022, 1673, 463084. | 3.7 | 11 |
| 98 | Recent advances in liquid microextraction techniques coupled with MS for determination of small-molecule drugs in biological samples. <i>Bioanalysis</i> , 2012, 4, 725-739. | 1.5 | 10 |
| 99 | Determination of artemisinin in <i>Artemisia</i> species by hollow fiber-based liquid-phase microextraction and electrospray ionization-ion mobility spectrometry. <i>Analytical Methods</i> , 2013, 5, 4190. | 2.7 | 10 |
| 100 | Structural, magnetic and mechanical properties of hydrous Fe/Ni-based oxide components nanoparticles synthesized by radiolytic method. <i>Journal of Alloys and Compounds</i> , 2017, 711, 190-196. | 5.5 | 10 |
| 101 | A novel nanocomposite based on covalent organic polymer and nanocellulose for thin-film microextraction of imipramine from biological samples. <i>Journal of Separation Science</i> , 2021, 44, 2972-2981. | 2.5 | 10 |
| 102 | <i>Lithospermum officinale</i> callus produces shikalkin. <i>Biologia (Poland)</i> , 2006, 61, 463-467. | 1.5 | 9 |
| 103 | Highly porous nanostructured copper foam fiber impregnated with an organic solvent for headspace liquid-phase microextraction. <i>Journal of Chromatography A</i> , 2016, 1469, 25-34. | 3.7 | 9 |
| 104 | Smartphone-based on-cell detection in combination with emulsification microextraction for the trace level determination of phenol index. <i>Microchemical Journal</i> , 2020, 154, 104611. | 4.5 | 9 |
| 105 | Solvent holder-assisted liquid-phase microextraction using nano-structure biomass-derived carbonaceous aerogel combined with ion mobility spectrometry for simultaneous determination of ethion and chlorpyrifos. <i>Mikrochimica Acta</i> , 2020, 187, 232. | 5.0 | 9 |
| 106 | A Facile and Convenient Synthesis of <i>N</i> -Acetyl-2-aryl-1,2-dihydro-(4 <i>H</i>)-3,1-benzoxazin-4-ones from the Reaction of Anthranilic Acid Derivatives with Aryl Aldehydes. <i>Chemistry Letters</i> , 2007, 36, 1074-1075. | 1.3 | 8 |
| 107 | Determination of desipramine in biological samples using liquid-liquid microextraction combined with in-syringe derivatization, gas chromatography, and nitrogen/phosphorus detection. <i>Journal of Separation Science</i> , 2012, 35, 2637-2644. | 2.5 | 8 |
| 108 | Dispersive liquid-liquid microextraction of chloroacetic acids from water samples using a syringe-like glass extraction vessel. <i>Microchemical Journal</i> , 2019, 146, 914-921. | 4.5 | 8 |

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|-----|--|-----|-----------|
| 109 | In situ growth of copper-based metal-organic framework on a helical shape copper wire as a sorbent in stir-bar sorptive extraction of fenthion followed by corona discharge ion mobility spectrometry. <i>Journal of Chromatography A</i> , 2021, 1651, 462279. | 3.7 | 8 |
| 110 | A microfluidic liquid phase microextraction method for drugs and parabens monitoring in human urine. <i>Microchemical Journal</i> , 2021, 169, 106577. | 4.5 | 8 |
| 111 | Preparation and evaluation of an ion imprinted sol-gel material for selective solid-phase extraction of Ni(II). <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 305-317. | 3.3 | 7 |
| 112 | Highly sensitive determination of chlorpromazine by electrochemically treated pencil graphite fiber as both solid-phase microextraction fiber and working electrode for use in voltammetry method. <i>Analytical Methods</i> , 2013, 5, 5024. | 2.7 | 7 |
| 113 | Dispersive liquid-liquid microextraction based on liquid anion exchanger for the direct extraction of inorganic anions. <i>Journal of Chromatography A</i> , 2018, 1574, 27-35. | 3.7 | 7 |
| 114 | Centrifuge-free dispersive liquid-liquid microextraction coupled with thin-film microextraction for the preconcentration of molinate in real samples by ion mobility spectrometry. <i>Talanta</i> , 2021, 225, 122027. | 5.5 | 7 |
| 115 | Towards metals analysis using corona discharge ionization ion mobility spectrometry. <i>Analytica Chimica Acta</i> , 2016, 909, 84-90. | 5.4 | 6 |
| 116 | Electrospray Ionization-Ion Mobility Spectrometry in the Negative Mode Combined with Hollow Fiber Liquid-Liquid Microextraction for the Determination of Diclofenac in Urine and Plasma Samples. <i>Chromatographia</i> , 2017, 80, 951-959. | 1.3 | 6 |
| 117 | Magnetic Polyamide Nanocomposites for the Microextraction of Benzophenones from Water Samples. <i>Molecules</i> , 2019, 24, 953. | 3.8 | 6 |
| 118 | Comparison of three different dispersive liquid-liquid microextraction modes performed on their most usual configurations for the extraction of phenolic, neutral aromatic, and amino compounds from waters. <i>Journal of Separation Science</i> , 2018, 41, 3275-3284. | 2.5 | 5 |
| 119 | Evaluating cottonwood seeds as a low-cost biosorbent for crystal violet removal from aqueous matrices. <i>International Journal of Phytoremediation</i> , 2023, 25, 137-145. | 3.1 | 5 |
| 120 | Highly selective extraction of peptides with an N-terminal amino alcohol structure using a hydrazide functionalized magnetic chitosan nanostructure. <i>Separation Science Plus</i> , 2018, 1, 225-231. | 0.6 | 2 |
| 121 | Gamma-Radiation-Assisted Synthesis of Luminescent ZnO/Ag Heterostructure Core-Shell Nanocomposites. <i>Plasmonics</i> , 2018, 13, 771-778. | 3.4 | 2 |
| 122 | Self-rotating stir mesh screen sorptive extraction for analyzing chlorpyrifos by ion mobility spectrometry. <i>Analytical Methods</i> , 2021, 13, 2631-2644. | 2.7 | 2 |
| 123 | Application of vanadyl hydrogen phosphate/KIT-6 composites as a catalyst for dehydration of sucrose. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2291-2302. | 2.2 | 2 |
| 124 | Sponge-like porous manganese(II, III) oxide as a coating for solvent-assisted solid-phase microextraction of polycyclic aromatic hydrocarbons followed by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1669, 462947. | 3.7 | 2 |
| 125 | Preparation of Alkyl Levulinates from Xylose Over Modified Bifunctional Mesoporous Zirconium Phosphate Catalysts. <i>Catalysis Letters</i> , 0, , 1. | 2.6 | 1 |
| 126 | Carrageenan-based green heterogeneous catalyst for production of 5-hydroxymethylfurfural by dehydrating fructose and glucose. <i>Biomass Conversion and Biorefinery</i> , 0, , 1. | 4.6 | 1 |

| # | ARTICLE | IF | CITATIONS |
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| 127 | Mitigation of solvent interference using a short packed column prior to ion mobility spectrometry. Talanta, 2017, 167, 486-492. | 5.5 | 0 |
| 128 | Hydrazide functionalized magnetic nanoparticles for specific extraction of <i>Nâ€‹</i>terminal serine and threonine peptides. Biomedical Chromatography, 2018, 32, e4305. | 1.7 | 0 |
| 129 | A microchip device based liquid-liquid-solid microextraction for the determination of permethrin and cypermethrin in water samples. Talanta, 2021, 235, 122731. | 5.5 | 0 |
| 130 | Solid-phase microextraction. , 2021, , 33-77. | | 0 |