

Shuhao Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

2,749
citations

31
h-index

46
g-index

123
ext. papers

3,393
ext. citations

5.5
avg, IF

5.57
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 122 | A novel photon-enzyme cascade catalysis system based on hybrid HRP-CN/Cu ₃ (PO ₄) ₂ nanoflowers for degradation of BPA in water. <i>Chemical Engineering Journal</i> , 2022 , 427, 131808 | 14.7 | 6 |
| 121 | Synergistic effect triggered by skeleton delocalization and edge induction of carbon nitride expedites photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022 , 442, 136190 | 14.7 | 0 |
| 120 | Rational design of hydrogen bonds for driving thermo-responsive phase transition and assembly behavior of block copolymer in water. <i>Polymer Chemistry</i> , 2022 , 13, 2674-2684 | 4.9 | 0 |
| 119 | Combination of aqueous two-phase flotation and inverse transition cycling: Strategies for separation and purification of recombinant β -glucosidase from cell lysis solution. <i>Food Chemistry</i> , 2021 , 131543 | 8.5 | 0 |
| 118 | Fabrication of immobilized bromelain using cobalt phosphate material prepared in deep eutectic solvent as carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112251 | 6 | 0 |
| 117 | One-step separation and immobilization of his-tagged enzyme directly from cell lysis solution by biomimetic mineralization approach. <i>Biochemical Engineering Journal</i> , 2021 , 167, 107893 | 4.2 | 5 |
| 116 | Construction of Multienzyme Co-immobilized Hybrid Nanoflowers for an Efficient Conversion of Cellulose into Glucose in a Cascade Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 7910-7921 | 5.7 | 2 |
| 115 | Morphology-dependent intelligent biocatalysts with automatic functionality regulation for activity enhancement and controllable recycling. <i>Chemical Engineering Journal</i> , 2021 , 409, 127985 | 14.7 | 4 |
| 114 | Fabrication of HRP/Bi ₂ WO ₆ photoenzyme-coupled artificial catalytic system for efficiently degrading bisphenol A. <i>Chinese Chemical Letters</i> , 2021 , 32, 2047-2051 | 8.1 | 20 |
| 113 | Separation and purification of horseradish peroxidase from horseradish roots using a novel integrated method. <i>New Journal of Chemistry</i> , 2021 , 45, 1959-1966 | 3.6 | 2 |
| 112 | Recent research progress of bimetallic phosphides-based nanomaterials as cocatalyst for photocatalytic hydrogen evolution. <i>Chinese Chemical Letters</i> , 2021 , | 8.1 | 15 |
| 111 | Dual-regulation effects of intramolecular doping and surface modification on carbon nitride towards efficient degradation of bisphenol A. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 623, 126724 | 5.1 | 3 |
| 110 | Natural deep eutectic solvents as green and biocompatible reaction medium for carbonic anhydrase catalysis. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 206-213 | 7.9 | 1 |
| 109 | Recyclable aptamer-derived aqueous two-phase flotation for high-efficiency separation of mercury(II) ions modulated by aggregation states. <i>Separation and Purification Technology</i> , 2021 , 274, 118917 | 8.3 | 7 |
| 108 | Modulating the biofunctionality of enzyme-MOF nanobiocatalyst through structure-switching aptamer for continuous degradation of BPA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112099 | 6 | 1 |
| 107 | A novel enhanced enrichment glucose oxidase@ZIF-8 biomimetic strategy with 3-mercaptophenylboronic acid for highly efficient catalysis of glucose. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112034 | 6 | 3 |
| 106 | A two-step method for the synthesis of magnetic immobilized cellulase with outstanding thermal stability and reusability. <i>New Journal of Chemistry</i> , 2021 , 45, 6144-6150 | 3.6 | 1 |

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|-----|---|------|-----|
| 105 | The fabrication of dendrimeric phenylboronic acid-functionalized magnetic graphene oxide nanoparticles with excellent adsorption performance for the separation and purification of horseradish peroxidase. <i>New Journal of Chemistry</i> , 2020 , 44, 5254-5264 | 3.6 | 6 |
| 104 | Construction of a Multienzymatic Cascade Reaction System of Coimmobilized Hybrid Nanoflowers for Efficient Conversion of Starch into Gluconic Acid. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15023-15033 | 9.5 | 34 |
| 103 | A new colorimetric and ratiometric probe for highly selective recognition and bioimaging of ClO and Al. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 232, 118154 | 4.4 | 7 |
| 102 | Metal-free Z-scheme 2D/2D VdW heterojunction for high-efficiency and durable photocatalytic H ₂ production. <i>Chemical Engineering Journal</i> , 2020 , 395, 125150 | 14.7 | 98 |
| 101 | Dual-frequency ultrasound-assisted alcohol/salt aqueous two-phase extraction and purification of Astragalus polysaccharides. <i>Journal of Food Process Engineering</i> , 2020 , 43, e13366 | 2.4 | 7 |
| 100 | Improving laccase activity and stability by HKUST-1 with cofactor via one-pot encapsulation and its application for degradation of bisphenol A. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121130 | 12.8 | 46 |
| 99 | A high efficiency method combining metal chelate ionic liquid-based aqueous two-phase flotation with two-step precipitation process for bromelain purification. <i>Food Chemistry</i> , 2020 , 309, 125749 | 8.5 | 12 |
| 98 | Insight into the Activity and Stability of RhxP Nano-Species Supported on g-C ₃ N ₄ for Photocatalytic H ₂ Production. <i>ACS Catalysis</i> , 2020 , 10, 458-462 | 13.1 | 113 |
| 97 | Photocatalyst/enzyme heterojunction fabricated for high-efficiency photoenzyme synergic catalytic degrading Bisphenol A in water. <i>Chemical Engineering Journal</i> , 2020 , 385, 123764 | 14.7 | 36 |
| 96 | A facile one-step strategy to construct 0D/2D SnO ₂ /g-C ₃ N ₄ heterojunction photocatalyst for high-efficiency hydrogen production performance from water splitting. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 30142-30152 | 6.7 | 14 |
| 95 | Ultrathin Mesoporous Carbon Nitride Nanosheets Prepared Through a One-Pot Approach towards Enhanced Photocatalytic Activity. <i>Energy Technology</i> , 2020 , 8, 2000719 | 3.5 | 6 |
| 94 | Doping effect of metalloid group in graphitic carbon nitride molecular structure for significantly improved photocatalytic hydrogen production and photoelectric performance. <i>Renewable Energy</i> , 2020 , 157, 660-669 | 8.1 | 6 |
| 93 | Mesoporous 3D/2D NiCoP/g-C ₃ N ₄ Heterostructure with Dual Co ^{II} and Ni ^{II} Bonding States for Boosting Photocatalytic H ₂ Production Activity and Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 12934-12943 | 8.3 | 22 |
| 92 | 0D/2D heterojunction constructed by high-dispersity Mo-doped Ni ₂ P nanodots supported on g-C ₃ N ₄ nanosheets towards enhanced photocatalytic H ₂ evolution activity. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 22556-22566 | 6.7 | 23 |
| 91 | Fabrication of a core-shell-shell magnetic polymeric microsphere with excellent performance for separation and purification of bromelain. <i>Food Chemistry</i> , 2019 , 283, 1-10 | 8.5 | 22 |
| 90 | The Cloud Point Behaviors and the Liquid-Liquid Equilibrium of L31Inorganic Sodium Salt Aqueous Two-Phase Systems. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 777-783 | 1.5 | 0 |
| 89 | Construction of Nonmetallic p-n Heterojunction With Face-to-Face Structure for Drastically Enhanced Photocatalytic Performance. <i>ChemNanoMat</i> , 2019 , 5, 456-461 | 3.5 | 7 |
| 88 | Synergetic effect of Ni and 5-acrylamidobenzoboroxole functional groups anchoring on magnetic nanoparticles for enhanced immobilization of horseradish peroxidase. <i>Enzyme and Microbial Technology</i> , 2019 , 120, 136-143 | 3.8 | 9 |

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| 87 | HRP@ZIF-8/DNA Hybrids: Functionality Integration of ZIF-8 via Biomineralization and Surface Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14611-14620 | 8.3 | 21 |
| 86 | Novel Synthesis Strategy for Biocatalyst: Fast Purification and Immobilization of His- and ELP-Tagged Enzyme from Fermentation Broth. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 31878-31888 | 9.5 | 16 |
| 85 | Liquid-Liquid Equilibrium of Imidazolium Ionic Liquids + Phosphate + Water Aqueous Two-Phase Systems and Correlation. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1167-1187 | 1.8 | 1 |
| 84 | Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12976 | 3.3 | 2 |
| 83 | Construction of magnetic nanoflower biocatalytic system with enhanced enzymatic performance by biomineralization and its application for bisphenol A removal. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120901 | 12.8 | 30 |
| 82 | Recyclable DNA-Derived Polymeric Sensor: Ultrasensitive Detection of Hg(II) Ions Modulated by Morphological Changes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40575-40584 | 9.5 | 19 |
| 81 | Fabrication of 2D/0D Heterojunction Based on the Dual Controls of Micro/Nano-Morphology and Structure Towards High-Efficiency Photocatalytic H ₂ Production. <i>ChemCatChem</i> , 2019 , 11, 6263-6269 | 5.2 | 10 |
| 80 | Novel Fractional Purification Approach of Crude Polysaccharides via Boronic Acid-Tagged Thermoresponsive Triblock Copolymers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 17789-17798 | 8.3 | 4 |
| 79 | Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite: Improvement of Loading Amount and Catalytic Activity. <i>Food Technology and Biotechnology</i> , 2019 , 57, 260-271 | 2.1 | 12 |
| 78 | A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 211, 299-305 | 4.4 | 19 |
| 77 | Horseradish peroxidase immobilized on the magnetic composite microspheres for high catalytic ability and operational stability. <i>Enzyme and Microbial Technology</i> , 2019 , 122, 26-35 | 3.8 | 21 |
| 76 | Bimetallic Manganese Cobalt Phosphide Nanodots-Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. <i>Energy Technology</i> , 2019 , 7, 1800927 | 3.5 | 16 |
| 75 | Green separation of bromelain in food sample with high retention of enzyme activity using recyclable aqueous two-phase system containing a new synthesized thermo-responsive copolymer and salt. <i>Food Chemistry</i> , 2019 , 282, 48-57 | 8.5 | 30 |
| 74 | Recyclable β -Glucosidase by One-Pot Encapsulation with Cu-MOFs for Enhanced Hydrolysis of Cellulose to Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3339-3348 | 8.3 | 45 |
| 73 | A coumarin based fluorescent probe for rapidly distinguishing of hypochlorite and copper (II) ion in organisms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 299-308 | 4.4 | 18 |
| 72 | Insight into photocatalytic activity, universality and mechanism of copper/chlorine surface dual-doped graphitic carbon nitride for degrading various organic pollutants in water. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 462-473 | 9.3 | 60 |
| 71 | Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. <i>Bioprocess and Biosystems Engineering</i> , 2018 , 41, 1051-1060 | 3.7 | 22 |
| 70 | A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. <i>Dalton Transactions</i> , 2018 , 47, 3378-3387 | 4.3 | 31 |

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| 69 | A new coumarin schiff based fluorescent-colorimetric chemosensor for dual monitoring of Zn ²⁺ and Fe ³⁺ in different solutions: An application to bio-imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 243-254 | 8.5 | 57 |
| 68 | Recyclable Soluble/Insoluble Upper Critical Solution Temperature-type Poly(methacrylamide-co-acrylic acid)/Cellulase Biocatalyst for Hydrolysis of Cellulose into Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7779-7788 | 8.3 | 29 |
| 67 | Separation, purification of anthocyanin and vitis linn polysaccharide from grape juice by the two-step extraction and dialysis. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13344 | 2.1 | 4 |
| 66 | An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. <i>Luminescence</i> , 2018 , 33, 15-21 | 2.5 | 5 |
| 65 | A relay identification fluorescence probe for Fe and phosphate anion and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 172-179 | 4.4 | 21 |
| 64 | Defective Anatase TiO Mesocrystal Growth In Situ on g-C N Nanosheets: Construction of 3D/2D Z-Scheme Heterostructures for Highly Efficient Visible-Light Photocatalysis. <i>Chemistry - A European Journal</i> , 2018 , 24, 13311-13321 | 4.8 | 42 |
| 63 | A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu and Cd ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 597-602 | 4.4 | 37 |
| 62 | The development of nanobiocatalysis via the immobilization of cellulase on composite magnetic nanomaterial for enhanced loading capacity and catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 692-700 | 7.9 | 21 |
| 61 | Mesoporous ferri/ferrous oxide nanoreactors modified on graphitic carbon nitride towards improvement of physical, photoelectrochemical properties and photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 331-342 | 9.3 | 102 |
| 60 | Fabrication, physicochemical properties and photocatalytic activity of Ag _{0.68} V ₂ O ₅ hierarchical architecture assembled by ultrathin nanosheets. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 87, 272-280 | 5.3 | 31 |
| 59 | Mixed polymeric micelles as a multifunctional visual thermosensor for the rapid analysis of mixed metal ions with Al ³⁺ and Fe ³⁺ . <i>New Journal of Chemistry</i> , 2018 , 42, 12853-12864 | 3.6 | 7 |
| 58 | Preparation and characterization of Fe ₃ O ₄ -NH ₂ @4-arm-PEG-NH ₂ , a novel magnetic four-arm polymer-nanoparticle composite for cellulase immobilization. <i>Biochemical Engineering Journal</i> , 2018 , 130, 90-98 | 4.2 | 33 |
| 57 | Process Integration of Production, Purification, and Immobilization of β -Glucosidase by Constructing Glu-linker-ELP-GB System. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 15620-15631 | 3.9 | 18 |
| 56 | A New Graphitic Carbon Nitride/Horseradish Peroxidase Hybrid NanoBio Artificial Catalytic System for Unselective Degradation of Persistent Phenolic Pollutants. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1801297 | 4.6 | 20 |
| 55 | Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous β -Fe ₂ O ₃ Nanospheres on g-C ₃ N ₄ for Degrading Tetracycline Hydrochloride in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16437-16447 | 8.3 | 105 |
| 54 | Cloud point behavior of thermosensitive triblock copolymer L61 in the presence of electrolytes. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 494-497 | 1.5 | 6 |
| 53 | Synchronized purification and immobilization of his-tagged β -glucosidase via FeO/PMG core/shell magnetic nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 41741 | 4.9 | 31 |
| 52 | Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 1388-1395 | 1.5 | 1 |

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|----|--|------|-----|
| 51 | Novel Bi ₂ O ₂ CO ₃ /polypyrrole/g-C ₃ N ₄ nanocomposites with efficient photocatalytic and nonlinear optical properties. <i>RSC Advances</i> , 2017 , 7, 7658-7670 | 3.7 | 35 |
| 50 | Construction of biocatalytic colloidosome using lipase-containing dendritic mesoporous silica nanospheres for enhanced enzyme catalysis. <i>Chemical Engineering Journal</i> , 2017 , 317, 175-186 | 14.7 | 44 |
| 49 | A novel type of responsive double hydrophilic block copolymer-based multifunctional fluorescence chemosensor and its application in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 436-445 | 8.5 | 15 |
| 48 | Phenylboronic acid-functionalized core-shell magnetic composite nanoparticles as a novel protocol for selective enrichment of fructose from a fructose-glucose aqueous solution. <i>New Journal of Chemistry</i> , 2017 , 41, 13399-13407 | 3.6 | 6 |
| 47 | A rapid-responsive fluorescent probe based on coumarin for selective sensing of sulfite in aqueous solution and its bioimaging by turn-on fluorescence signal. <i>Dyes and Pigments</i> , 2017 , 147, 357-363 | 4.6 | 41 |
| 46 | Switch on/off of cellulase activity based on synergetic polymer pair system. <i>Biochemical Engineering Journal</i> , 2017 , 126, 1-7 | 4.2 | 11 |
| 45 | A multifunctional Schiff base as a fluorescence sensor for Fe and Zn ions, and a colorimetric sensor for Cu and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 721-726 | 4.4 | 49 |
| 44 | Monodisperse core-shell magnetic organosilica nanoflowers with radial wrinkle for lipase immobilization. <i>Chemical Engineering Journal</i> , 2017 , 309, 70-79 | 14.7 | 114 |
| 43 | A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 184, 177-183 | 4.4 | 13 |
| 42 | Integrated method of thermosensitive triblock copolymer-salt aqueous two phase extraction and dialysis membrane separation for purification of lycium barbarum polysaccharide. <i>Food Chemistry</i> , 2016 , 194, 257-64 | 8.5 | 35 |
| 41 | Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. <i>Food Chemistry</i> , 2016 , 190, 1130-1136 | 8.5 | 28 |
| 40 | Synchronized separation, concentration and determination of trace chloramphenicol, thiamphenicol and florfenicol in food by using polyoxyethylene cetyl ether-salt aqueous two-phase system coupled with high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2016 , 42, 1750-1755 | 2 | 3 |
| 39 | Synthesis of a phenylboronic acid-functionalized thermosensitive block copolymer and its application in separation and purification of vicinal-diol-containing compounds. <i>RSC Advances</i> , 2016 , 6, 82309-82320 | 3.7 | 5 |
| 38 | A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. <i>RSC Advances</i> , 2016 , 6, 80885-80895 | 3.7 | 2 |
| 37 | The Cloud Point Behavior and Liquid-Liquid Equilibrium of Poly(Ethylene Glycol)-Block-Poly(Propylene Glycol)-Block-Poly(Ethylene Glycol) with Five Salting-Out Salts (K ₂ SO ₄ , K ₂ CO ₃ , KCl, KNO ₃ , KBr) at 283.15 K. <i>Journal of Solution Chemistry</i> , 2016 , 45, 1811-1825 | 1.8 | 0 |
| 36 | A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. <i>Talanta</i> , 2016 , 160, 194-204 | 6.2 | 35 |
| 35 | Selective transport of cadmium(II) through hollow fiber-supported liquid membrane microextraction using diaza-18-crown-6 in ionic liquids as carrier. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 403-410 | 2 | 7 |
| 34 | Cloudy behavior and equilibrium phase behavior of triblock copolymer L64 + salt + water two-phase systems. <i>Fluid Phase Equilibria</i> , 2016 , 409, 439-446 | 2.5 | 11 |

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|----|--|------|----|
| 33 | Facile synthesis and photocatalytic activity of a novel titanium dioxide nanocomposite coupled with zinc porphyrin. <i>Nanomaterials and Nanotechnology</i> , 2016 , 6, 184798041666948 | 2.9 | 6 |
| 32 | Simultaneous separation/enrichment and detection of trace ciprofloxacin and lomefloxacin in food samples using thermosensitive smart polymers aqueous two-phase flotation system combined with HPLC. <i>Food Chemistry</i> , 2016 , 210, 1-8 | 8.5 | 40 |
| 31 | Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanol/ROH aqueous two-phase system. <i>Separation Science and Technology</i> , 2016 , 1-9 | 2.5 | 4 |
| 30 | A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. <i>Talanta</i> , 2016 , 161, 847-853 | 6.2 | 37 |
| 29 | Microchip-Grafted P(NIPAAm-co-VPBA) with Thermoresponsive Boronate Affinity for Capture/Release of cis-Diol Biomolecules. <i>Chromatographia</i> , 2015 , 78, 157-162 | 2.1 | 10 |
| 28 | A novel cyclic non-ligand dual-cloud point extraction for the preconcentration of cadmium(II) through pH regulation in food and environmental matrices. <i>New Journal of Chemistry</i> , 2015 , 39, 9116-9123 | 3.6 | 4 |
| 27 | Thermal-responsive ion-imprinted polymer based on magnetic mesoporous silica SBA-15 for selective removal of Sr(II) from aqueous solution. <i>Colloid and Polymer Science</i> , 2015 , 293, 109-123 | 2.4 | 25 |
| 26 | Cloud Point and Liquid-Liquid Equilibrium Behavior of Thermosensitive Polymer L61 and Salt Aqueous Two-Phase System. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8201-8 | 3.4 | 14 |
| 25 | Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Cetyl Ether and Potassium Salt at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1193-1201 | 2.8 | 11 |
| 24 | Selective extraction and preconcentration of trace lead(II) in medicinal plant-based ionic liquid hollow fiber liquid phase microextraction system using dicyclohexyl-18-crown-6 as membrane carrier. <i>Analytical Methods</i> , 2015 , 7, 2339-2346 | 3.2 | 21 |
| 23 | Ionic liquid-based hollow fiber liquid-phase microextraction for the determination of trace lead (II) in environmental water and tea drinks samples by graphite furnace atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 371-377 | 2 | 7 |
| 22 | Preparation of composite-imprinted alumina membrane for effective separation of p-hydroxybenzoic acid from its isomer using BoxBehnken designBased statistical modeling. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a | 2.9 | 5 |
| 21 | The study of phase behavior of aqueous two-phase system containing [C n mim]BF 4 (n = 2,3,4) + (NH 4) 2 SO 4 + H 2 O at different temperatures. <i>Fluid Phase Equilibria</i> , 2014 , 383, 100-107 | 2.5 | 19 |
| 20 | Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. <i>Mikrochimica Acta</i> , 2014 , 181, 1455-1461 | 5.8 | 20 |
| 19 | Optimization of separation and determination of chloramphenicol in food using aqueous two-phase flotation coupled with HPLC. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1775-1782 | 2 | 9 |
| 18 | An ion-imprinted functionalized SBA-15 adsorbent synthesized by surface imprinting technique via reversible addition-fragmentation chain transfer polymerization for selective removal of Ce(III) from aqueous solution. <i>Journal of Hazardous Materials</i> , 2014 , 278, 134-43 | 12.8 | 49 |
| 17 | Synthesis, characterization, and adsorption properties of a Ce(III)-imprinted polymer supported by mesoporous SBA-15 matrix by a surface molecular imprinting technique. <i>Canadian Journal of Chemistry</i> , 2014 , 92, 257-266 | 0.9 | 12 |
| 16 | Optimization of partitioning process parameters of chloramphenicol in ionic liquid aqueous two-phase flotation using response surface methodology. <i>Journal of the Iranian Chemical Society</i> , 2013 , 10, 505-512 | 2 | 13 |

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|----|---|-----|-----|
| 15 | Liquid-liquid equilibria of hydrophilic alcohol + sodium hydroxide + water systems: Experimental and correlation. <i>Thermochimica Acta</i> , 2013 , 566, 261-267 | 2.9 | 18 |
| 14 | Partitioning of Cephalexin in Ionic Liquid Aqueous Two-Phase System Composed of 1-Butyl-3-Methylimidazolium Tetrafluoroborate and ZnSO ₄ . <i>Journal of Chemistry</i> , 2013 , 2013, 1-5 | 2.3 | 4 |
| 13 | Liquid-liquid Equilibria of Polyvinylpyrrolidone + Several Ammonium Salts + Water Aqueous Two-Phase Systems: Experimental and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3128-3135 | 2.8 | 19 |
| 12 | Application of Water-Miscible Alcohol-Based Aqueous Two-Phase Systems for Extraction of Dyes. <i>Separation Science and Technology</i> , 2011 , 46, 1283-1288 | 2.5 | 22 |
| 11 | A surface ion-imprinted mesoporous sorbent for separation and determination of Pb(II) ion by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2011 , 172, 309-317 | 5.8 | 53 |
| 10 | Ionic liquid/Ammonium Sulfate Aqueous Two-phase System Coupled with HPLC Extraction of Sulfadiazine in Real Environmental Water Samples. <i>Chromatographia</i> , 2011 , 74, 407-413 | 2.1 | 17 |
| 9 | Phase Diagrams of Ammonium Sulfate + Ethanol/1-Propanol/2-Propanol + Water Aqueous Two-Phase Systems at 298.15 K and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 876-881 | 2.8 | 113 |
| 8 | Measurement and Correlation of the Phase Diagram Data for PPG400 + (K ₃ PO ₄ , K ₂ CO ₃ , and K ₂ HPO ₄) + H ₂ O Aqueous Two-Phase Systems at T = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4741-4745 | 2.8 | 33 |
| 7 | Liquid-liquid Equilibrium of Aqueous Two-Phase Systems of PPG400 and Biodegradable Salts at Temperatures of (298.15, 308.15, and 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2857-2861 | 2.8 | 35 |
| 6 | Liquid-liquid Equilibrium of Potassium Phosphate/Potassium Citrate/Sodium Citrate + Ethanol Aqueous Two-Phase Systems at (298.15 and 313.15) K and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5621-5626 | 2.8 | 54 |
| 5 | Measurement and Correlation of Phase Diagram Data for Several Hydrophilic Alcohol + Citrate Aqueous Two-Phase Systems at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4574-4579 | 2.8 | 65 |
| 4 | Liquid-liquid equilibrium of novel aqueous two-phase systems and evaluation of salting-out abilities of salts. <i>Open Chemistry</i> , 2010 , 8, 886-891 | 1.6 | 10 |
| 3 | Extraction of trace acetylspiramycin in real aqueous environments using aqueous two-phase system of ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and phosphate. <i>Open Chemistry</i> , 2010 , 8, 1185-1191 | 1.6 | 17 |
| 2 | Phase equilibrium and macrolide antibiotics partitioning in real water samples using a two-phase system composed of the ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and an aqueous solution of an inorganic salt. <i>Mikrochimica Acta</i> , 2010 , 169, 15-22 | 5.8 | 41 |
| 1 | Intramolecular π -conjugated channel expansion achieved by doping cross-linked dopants into carbon nitride frameworks for propelling photocatalytic hydrogen evolution and mechanism insight. <i>Inorganic Chemistry Frontiers</i> , | 6.8 | 3 |