

Juan Han

List of Publications by Year in descending order

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129
papers

3,883
citations

94269

37
h-index

161609

54
g-index

129
all docs

129
docs citations

129
times ranked

3361
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous Fe_2O_3 Nanospheres on $\text{g-C}_3\text{N}_4$ for Degrading Tetracycline Hydrochloride in Water. ACS Sustainable Chemistry and Engineering, 2018, 6, 16437-16447.	3.2	158
2	Phase Diagrams of Ammonium Sulfate + Ethanol/1-Propanol/2-Propanol + Water Aqueous Two-Phase Systems at 298.15 K and Correlation. Journal of Chemical & Engineering Data, 2010, 55, 876-881.	1.0	126
3	Extraction and mechanism investigation of trace roxithromycin in real water samples by use of ionic liquid "salt aqueous two-phase system. Analytica Chimica Acta, 2009, 653, 178-183.	2.6	110
4	Separation, concentration and determination of chloramphenicol in environment and food using an ionic liquid/salt aqueous two-phase flotation system coupled with high-performance liquid chromatography. Analytica Chimica Acta, 2011, 685, 138-145.	2.6	108
5	Improving laccase activity and stability by HKUST-1 with cofactor via one-pot encapsulation and its application for degradation of bisphenol A. Journal of Hazardous Materials, 2020, 383, 121130.	6.5	103
6	Phase Behavior for the Aqueous Two-Phase Systems Containing the Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate and Kosmotropic Salts. Journal of Chemical & Engineering Data, 2010, 55, 1087-1092.	1.0	101
7	Partition behavior and partition mechanism of antibiotics in ethanol/2-propanol " ammonium sulfate aqueous two-phase systems. Separation and Purification Technology, 2010, 75, 352-357.	3.9	98
8	Extraction and determination of chloramphenicol in feed water, milk, and honey samples using an ionic liquid/sodium citrate aqueous two-phase system coupled with high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2011, 399, 1295-1304.	1.9	88
9	Liquid " liquid equilibria of ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and sodium citrate/tartrate/acetate aqueous two-phase systems at 298.15 K: Experiment and correlation. Fluid Phase Equilibria, 2010, 295, 98-103.	1.4	86
10	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. Sensors and Actuators B: Chemical, 2018, 260, 243-254.	4.0	84
11	Liquid " Liquid Equilibria of Ionic Liquid 1-Butyl-3-Methylimidazolium Tetrafluoroborate + Sodium and Ammonium Citrate Aqueous Two-Phase Systems at (298.15, 308.15, and 323.15) K. Journal of Chemical & Engineering Data, 2010, 55, 3749-3754.	1.0	81
12	Recyclable β -Glucosidase by One-Pot Encapsulation with Cu-MOFs for Enhanced Hydrolysis of Cellulose to Glucose. ACS Sustainable Chemistry and Engineering, 2019, 7, 3339-3348.	3.2	74
13	Measurement and Correlation of Phase Diagram Data for Several Hydrophilic Alcohol + Citrate Aqueous Two-Phase Systems at 298.15 K. Journal of Chemical & Engineering Data, 2010, 55, 4574-4579.	1.0	68
14	A multifunctional Schiff base as a fluorescence sensor for Fe^{3+} and Zn^{2+} ions, and a colorimetric sensor for Cu^{2+} and applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 173, 721-726.	2.0	67
15	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. Journal of Hazardous Materials, 2014, 278, 134-143.	6.5	56
16	The application of an aqueous two-phase system combined with ultrasonic cell disruption extraction and HPLC in the simultaneous separation and analysis of solanine and Solanum nigrum polysaccharide from Solanum nigrum unripe fruit. Food Chemistry, 2020, 304, 125383.	4.2	56
17	(Liquid+liquid) equilibrium of (imidazolium ionic liquids+organic salts) aqueous two-phase systems at $T=298.15\text{K}$ and the influence of salts and ionic liquids on the phase separation. Journal of Chemical Thermodynamics, 2012, 45, 59-67.	1.0	54
18	Construction of a Multienzymatic Cascade Reaction System of Coimmobilized Hybrid Nanoflowers for Efficient Conversion of Starch into Gluconic Acid. ACS Applied Materials & Interfaces, 2020, 12, 15023-15033.	4.0	54

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19	A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu ²⁺ and Cd ²⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 597-602.	2.0	48
20	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.	3.2	48
21	Separation, concentration and determination of trace chloramphenicol in shrimp from different waters by using polyoxyethylene lauryl ether-salt aqueous two-phase system coupled with high-performance liquid chromatography. <i>Food Chemistry</i> , 2016, 192, 163-170.	4.2	47
22	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.	4.2	46
23	Separation/enrichment of trace tetracycline antibiotics in water by [Bmim]BF ₄ /(NH ₄) ₂ SO ₄ aqueous two-phase solvent sublation. <i>Desalination</i> , 2011, 266, 114-118.	4.0	45
24	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.	2.5	44
25	A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. <i>Talanta</i> , 2016, 160, 194-204.	2.9	44
26	A water-soluble fluorescent probe for monitoring hypochlorite in water and in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 778-783.	4.0	44
27	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.	6.5	44
28	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.	2.9	43
29	Extraction mechanism of sulfamethoxazole in water samples using aqueous two-phase systems of poly(propylene glycol) and salt. <i>Analytica Chimica Acta</i> , 2011, 687, 61-66.	2.6	42
30	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.	3.2	42
31	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.	1.8	42
32	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, 257-264.	4.2	41
33	Liquid/liquid equilibrium of aqueous two-phase systems containing poly(ethylene glycol) of different molecular weights and several ammonium salts at 298.15K. <i>Thermochimica Acta</i> , 2013, 560, 47-54.	1.2	40
34	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. <i>Food Chemistry</i> , 2016, 190, 1130-1136.	4.2	40
35	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.	1.6	40
36	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.	4.2	39

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37	Measurement and Correlation of the Phase Diagram Data for PPG ₄₀₀ + (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.	1.0	38
38	Synchronized purification and immobilization of his-tagged β -glucosidase via Fe ₃ O ₄ /PMG core/shell magnetic nanoparticles. <i>Scientific Reports</i> , 2017, 7, 41741.	1.6	38
39	Liquid-Liquid Equilibrium of Aqueous Two-Phase Systems of PPG ₄₀₀ 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.	1.0	37
40	Ionic liquid-salt aqueous two-phase extraction based on salting-out coupled with high-performance liquid chromatography for the determination of sulfonamides in water and food. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1245-1255.	1.9	35
41	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1051-1060.	1.7	34
42	A relay identification fluorescence probe for Fe ³⁺ and phosphate anion and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 172-179.	2.0	34
43	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.	1.0	31
44	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.	3.6	31
45	Synergized subcritical-ultrasound-assisted aqueous two-phase extraction, purification, and characterization of <i>Lentinus edodes</i> polysaccharides. <i>Process Biochemistry</i> , 2020, 95, 297-306.	1.8	31
46	A dual site controlled probe for fluorescent monitoring of intracellular pH and colorimetric monitoring of Cu ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 35-44.	4.0	30
47	A New Graphitic Carbon Nitride/Horseradish Peroxidase Hybrid Nano-Bio Artificial Catalytic System for Unselective Degradation of Persistent Phenolic Pollutants. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801297.	1.9	30
48	A cyanobiphenyl based fluorescent probe for rapid and specific detection of hypochlorite and its bio-imaging applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 57-63.	4.0	29
49	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.	4.2	29
50	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al ³⁺ and F ⁻ detection and bioimaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 211, 299-305.	2.0	29
51	Measurement and correlation of phase diagram data for acetone and sulfate aqueous two-phase systems at different temperatures. <i>Thermochimica Acta</i> , 2013, 568, 209-217.	1.2	28
52	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.	4.0	28
53	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.	1.6	28
54	Measurement and correlation of phase diagram data for polyoxyethylene (10) lauryl ether and potassium hydroxide/potassium carbonate/potassium phosphate aqueous two-phase systems at 298.15 K. <i>Thermochimica Acta</i> , 2012, 543, 1-8.	1.2	27

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55	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.	1.8	26
56	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.	1.3	25
57	A fluorescent chemosensor for Cu ²⁺ ions and its application in cell imaging. <i>Tetrahedron</i> , 2017, 73, 1367-1373.	1.0	25
58	A fluorescent chemosensor for relay recognition of Fe ³⁺ and PO ₄ ³⁻ in aqueous solution and its applications. <i>Tetrahedron</i> , 2017, 73, 5229-5238.	1.0	25
59	Application of Water-Miscible Alcohol-Based Aqueous Two-Phase Systems for Extraction of Dyes. <i>Separation Science and Technology</i> , 2011, 46, 1283-1288.	1.3	24
60	Liquid-liquid equilibria of hydrophilic alcohol+sodium hydroxide+water systems: Experimental and correlation. <i>Thermochimica Acta</i> , 2013, 566, 261-267.	1.2	24
61	Phase Diagrams for Aqueous Two-Phase Systems Containing the 1-Ethyl-3-methylimidazolium Tetrafluoroborate/1-Propyl-3-methylimidazolium Tetrafluoroborate and Trisodium Phosphate/Sodium Sulfite/Sodium Dihydrogen Phosphate at 298.15 K: Experiment and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3577-3584.	1.0	23
62	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.	1.0	23
63	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.	2.0	23
64	Liquid-liquid equilibrium composed of imidazolium tetrafluoroborate ionic liquids+sodium carbonate aqueous two-phase systems and correlation at (288.15, 298.15, and 308.15)K. <i>Thermochimica Acta</i> , 2011, 523, 221-226.	1.2	22
65	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Lauryl Ether and Diammonium Hydrogen Phosphate or Dipotassium Hydrogen Phosphate at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2313-2321.	1.0	22
66	Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. <i>Mikrochimica Acta</i> , 2014, 181, 1455-1461.	2.5	22
67	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.	2.4	22
68	Synthesis and applications of Ce(III)-imprinted polymer based on attapulgite as the sacrificial support material for selective separation of cerium(III) ions. <i>Mikrochimica Acta</i> , 2010, 171, 151-160.	2.5	21
69	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Lauryl Ether and Tartrate Salt at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1843-1851.	1.0	21
70	Simultaneous aqueous two-phase flotation of sodium chlorophyllin and removal of sugars from saponified solution of bamboo leaves. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 101, 41-49.	1.8	21
71	A water-soluble Fe ³⁺ selective fluorescent turn-on chemosensor: Preparation, theoretical study and its optical vitro imaging. <i>Journal of Luminescence</i> , 2018, 196, 379-386.	1.5	21
72	Liquid-liquid equilibrium phase behavior of imidazolium-based ionic liquid aqueous two-phase systems composed of 1-alkyl-3-methyl imidazolium tetrafluoroborate and different electrolytes ZnSO ₄ , MgSO ₄ and Li ₂ SO ₄ at 298.15K: Experimental and correlation. <i>Thermochimica Acta</i> , 2013, 557, 68-76.	1.2	20

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73	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, 8201-8208.	1.2	20
74	A sensitive BODIPY-based fluorescent probe suitable for hypochlorite detection in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 352, 65-72.	2.0	20
75	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Lauryl Ether and Three Kinds of Potassium Salts at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2013, 58, 118-127.	1.0	19
76	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.	1.0	18
77	Bimetallic Manganese Cobalt Phosphide Nanodots-Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. <i>Energy Technology</i> , 2019, 7, 1800927.	1.8	18
78	Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite. <i>Food Technology and Biotechnology</i> , 2019, 57, 260-271.	0.9	18
79	Ionic liquid/Ammonium Sulfate Aqueous Two-phase System Coupled with HPLC Extraction of Sulfadimidine in Real Environmental Water Samples. <i>Chromatographia</i> , 2011, 74, 407-413.	0.7	17
80	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn ²⁺ and Hg ²⁺ and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 184, 177-183.	2.0	17
81	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.	3.6	16
82	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.	4.2	15
83	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.	1.2	14
84	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.	0.6	14
85	Aqueous two-phase systems of polyoxyethylene lauryl ether and potassium gluconate/potassium oxalate/potassium citrate at different temperature-experimental results and modeling of (liquid+liquid) equilibrium data. <i>Journal of Chemical Thermodynamics</i> , 2014, 71, 137-147.	1.0	14
86	Fabrication of 2D/OD 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.	1.8	14
87	Simultaneous extraction and determination of sulfadiazine and sulfamethoxazole in water samples and aquaculture products using [Bmim]BF ₄ /(NH ₄) ₃ C ₆ H ₅ O ₇ aqueous two-phase system coupled with HPLC. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 339-346.	1.2	13
88	Cloudy behavior and equilibrium phase behavior of triblock copolymer L64+salt+water two-phase systems. <i>Fluid Phase Equilibria</i> , 2016, 409, 439-446.	1.4	13
89	A remote computing based point-of-care colorimetric detection system with a smartphone under complex ambient light conditions. <i>Analyst</i> , 2018, 143, 1387-1395.	1.7	13
90	Bionic mineralization growth of UIO-66 with bovine serum for facile synthesis of Zr-MOF with adjustable mesopores and its application in enzyme immobilization. <i>Separation and Purification Technology</i> , 2022, 297, 121505.	3.9	13

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91	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.	1.0	12
92	Construction of Nonmetallic p-n Heterojunction With Face-to-Face Structure for Drastically Enhanced Photocatalytic Performance. <i>ChemNanoMat</i> , 2019, 5, 456-461.	1.5	12
93	A new colorimetric and ratiometric probe for highly selective recognition and bioimaging of ClO_4^- and Al^{3+} . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 232, 118154.	2.0	12
94	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.	2.5	12
95	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.	1.0	11
96	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.	1.2	11
97	Liquid-liquid equilibrium of aqueous two-phase systems containing thermo-sensitive copolymer L31 and salts. <i>Fluid Phase Equilibria</i> , 2015, 387, 12-17.	1.4	11
98	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.	1.4	11
99	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al^{3+} and F^- ions and its biological application. <i>Luminescence</i> , 2018, 33, 15-21.	1.5	10
100	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.	1.2	9
101	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.	1.3	9
102	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.	1.4	9
103	Synergetic effect of Ni^{2+} 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.	1.6	9
104	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.	1.2	8
105	A water-soluble colorimetric and fluorescent probe for rapidly sensing of ClO_4^- in organisms. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 387, 112166.	2.0	8
106	Dual-frequency ultrasound-assisted alcohol/salt aqueous two-phase extraction and purification of <i>Astragalus</i> polysaccharides. <i>Journal of Food Process Engineering</i> , 2020, 43, e13366.	1.5	8
107	Colorimetric sensor array-smartphone-remote server coupling system for rapid detection of saccharides in beverages. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1085-1095.	1.2	7
108	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.	3.2	7

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109	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.	1.4	7
110	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.	2.5	7
111	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> , 2022, 373, 131543.	4.2	7
112	A Simple Two-Step Cloud Point Extraction Process for Removing Fluorescent Whitening Agents VBL in Industrial Wastewater and Recycling of Surfactant. <i>Water Environment Research</i> , 2017, 89, 281-287.	1.3	6
113	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.	0.9	6
114	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.	1.4	6
115	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.	1.4	5
116	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanol-KOH aqueous two-phase system. <i>Separation Science and Technology</i> , 0, , 1-9.	1.3	5
117	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.	1.7	5
118	A simple method for purification of bromelain in a thermosensitive triblock copolymer-based protection system and recycling of phase components. <i>Separation Science and Technology</i> , 2018, 53, 636-644.	1.3	5
119	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.	1.9	5
120	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.	0.9	4
121	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, 13, 1759-1765.	1.2	4
122	Preparation of temperature-sensitive magnetic microspheres for separation and purification of bromelain. <i>Food and Bioproducts Processing</i> , 2019, 114, 253-262.	1.8	4
123	The Cloud Point Behavior and Liquid-Liquid Equilibrium of Poly(Ethylene Terephthalate) / Overlock 10 Tf 50 187 Td (Glycolic Acid) (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.	0.6	3
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125	Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. <i>Journal of Food Biochemistry</i> , 2019, 43, e12976.	1.2	3
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128	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. Journal of Dispersion Science and Technology, 2017, 38, 1388-1395.	1.3	2
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