Juan Han

List of Publications by Citations

128	3,039	32	48
papers	citations	h-index	g-index

129	3,498	4.6	5.41
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
128	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	2.8	113
127	Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous Fe2O3 Nanospheres on g-C3N4 for Degrading Tetracycline Hydrochloride in Water. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 16437-16447	8.3	105
126	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, 178-83	6.6	102
125	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, 138-45	6.6	99
124	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	2.8	96
123	Liquid liquid equilibria of ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and sodium citrate/tartrate/acetate aqueous two-phase systems at 298.15K: Experiment and correlation. *Fluid Phase Equilibria*, **2010**, 295, 98-103	2.5	85
122	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	8.3	84
121	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	2.8	80
120	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, 1295-304	4.4	78
119	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	2.8	65
118	A new coumarin schiff based fluorescent-colorimetric chemosensor for dual monitoring of Zn2+ and Fe3+ in different solutions: An application to bio-imaging. *Sensors and Actuators B: Chemical*, **2018**, 260, 243-254	8.5	57
117	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, 134-43	12.8	49
116	(Liquid + liquid) equilibrium of (imidazolium ionic liquids + organic salts) aqueous two-phase systems at T = 298.15 K and the influence of salts and ionic liquids on the phase separation. *Journal of Chemical Thermodynamics*, **2012**, 45, 59-67	2.9	49
115	A multifunctional Schiff base as a fluorescence sensor for Fe and Zn ions, and a colorimetric sensor for Cu and applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 173, 721-726	4.4	49
114	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	12.8	46
113	Recyclable Glucosidase by One-Pot Encapsulation with Cu-MOFs for Enhanced Hydrolysis of Cellulose to Glucose. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3339-3348	8.3	45
112	Separation/enrichment of trace tetracycline antibiotics in water by [Bmim]BF4 (NH4)2SO4 aqueous two-phase solvent sublation. *Desalination*, **2011**, 266, 114-118	10.3	42

111	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. *Food Chemistry*, **2016**, 192, 163-70	8.5	41
110	Extraction mechanism of sulfamethoxazole in water samples using aqueous two-phase systems of poly(propylene glycol) and salt. *Analytica Chimica Acta*, **2011**, 687, 61-6	6.6	41
109	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. *Mikrochimica Acta*, **2010**, 169, 15-22	5.8	41
108	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. *Food Chemistry*, **2016**, 210, 1-8	8.5	40
107	A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu and Cd ions. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 205, 597-602	4.4	37
106	A water-soluble fluorescent probe for monitoring hypochlorite in water and in living cells. *Sensors and Actuators B: Chemical*, **2018**, 273, 778-783	8.5	37
105	A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. *Talanta*, **2016**, 161, 847-853	6.2	37
104	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	8.5	36
103	Integrated method of thermosensitive triblock copolymer-salt aqueous two phase extraction and dialysis membrane separation for purification of lycium barbarum polysaccharide. *Food Chemistry*, **2016**, 194, 257-64	8.5	35
102	A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. *Talanta*, **2016**, 160, 194-204	6.2	35
101	Liquid□liquid Equilibrium of Aqueous Two-Phase Systems of PPG400 and Biodegradable Salts at Temperatures of (298.15, 308.15, and 318.15) K. *Journal of Chemical & Engineering Data*, **2010**, 55, 2857-2861	2.8	35
100	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	9.5	34
99	Liquid□quid equilibrium of aqueous two-phase systems containing poly(ethylene glycol) of different molecular weights and several ammonium salts at 298.15K. *Thermochimica Acta*, **2013**, 560, 47-54	2.9	33
98	Measurement and Correlation of the Phase Diagram Data for PPG400 + (K3PO4, K2CO3, and K2HPO4) + H2O Aqueous Two-Phase Systems at T = 298.15 K. *Journal of Chemical & Engineering Data*, **2010**, 55, 4741-4745	2.8	33
97	Preparation and characterization of Fe3O4-NH2@4-arm-PEG-NH2, a novel magnetic four-arm polymer-nanoparticle composite for cellulase immobilization. *Biochemical Engineering Journal*, **2018**, 130, 90-98	4.2	33
96	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. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 1245-55	4.4	32
95	Synchronized purification and immobilization of his-tagged □glucosidase via FeO/PMG core/shell magnetic nanoparticles. *Scientific Reports*, **2017**, 7, 41741	4.9	31
94	A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. *Dalton Transactions*, **2018**, 47, 3378-3387	4.3	31

93	Construction of magnetic nanoflower biocatalytic system with enhanced enzymatic performance by biomineralization and its application for bisphenol A removal. *Journal of Hazardous Materials*, **2019**, 380, 120901	12.8	30
92	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. *Food Chemistry*, **2019**, 282, 48-57	8.5	30
91	Recyclable Soluble–Insoluble Upper Critical Solution Temperature-type Poly(methacrylamide-co-acrylic acid)–Cellulase Biocatalyst for Hydrolysis of Cellulose into Glucose. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 7779-7788	8.3	29
90	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. *Food Chemistry*, **2016**, 190, 1130-1136	8.5	28
89	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. *Thermochimica Acta*, **2012**, 543, 1-8	2.9	26
88	Thermal-responsive ion-imprinted polymer based on magnetic mesoporous silica SBA-15 for selective removal of Sr(II) from aqueous solution. *Colloid and Polymer Science*, **2015**, 293, 109-123	2.4	25
87	Measurement and correlation of phase diagram data for acetone and sulfate aqueous two-phase systems at different temperatures. *Thermochimica Acta*, **2013**, 568, 209-217	2.9	24
86	A fluorescent chemosensor for Cu2+ ions and its application in cell imaging. *Tetrahedron*, **2017**, 73, 1367-1373	2.4	23
85	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. *Journal of Chemical & Engineering Data*, **2011**, 56, 3577-3584	2.8	23
84	Fabrication of a core-shell-shell magnetic polymeric microsphere with excellent performance for separation and purification of bromelain. *Food Chemistry*, **2019**, 283, 1-10	8.5	22
83	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. *Bioprocess and Biosystems Engineering*, **2018**, 41, 1051-1060	3.7	22
82	Application of Water-Miscible Alcohol-Based Aqueous Two-Phase Systems for Extraction of Dyes. *Separation Science and Technology*, **2011**, 46, 1283-1288	2.5	22
81	A dual site controlled probe for fluorescent monitoring of intracellular pH and colorimetric monitoring of Cu2+. *Sensors and Actuators B: Chemical*, **2018**, 270, 35-44	8.5	21
80	A relay identification fluorescence probe for Fe and phosphate anion and its applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 191, 172-179	4.4	21
79	The development of nanobiocatalysis via the immobilization of cellulase on composite magnetic nanomaterial for enhanced loading capacity and catalytic activity. *International Journal of Biological Macromolecules*, **2018**, 119, 692-700	7.9	21
78	HRP@ZIF-8/DNA Hybrids: Functionality Integration of ZIF-8 via Biomineralization and Surface Absorption. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 14611-14620	8.3	21
77	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. *Analytical Methods*, **2015**, 7, 2339-2346	3.2	21
76	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. *Journal of Chemical & Engineering Data*, **2012**, 57, 2313-2321	2.8	21

75	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. *Thermochimica Acta*, **2011**, 523, 221-226	2.9	21
74	Synthesis and applications of Ce(III)-imprinted polymer based on attapulgite as the sacrificial support material for selective separation of cerium(III) ions. *Mikrochimica Acta*, **2010**, 171, 151-160	5.8	21
73	Horseradish peroxidase immobilized on the magnetic composite microspheres for high catalytic ability and operational stability. *Enzyme and Microbial Technology*, **2019**, 122, 26-35	3.8	21
72	Simultaneous aqueous two-phase flotation of sodium chlorophyllin and removal of sugars from saponified solution of bamboo leaves. *Chemical Engineering and Processing: Process Intensification*, **2016**, 101, 41-49	3.7	20
71	Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. *Mikrochimica Acta*, **2014**, 181, 1455-1461	5.8	20
70	A New Graphitic Carbon Nitride/Horseradish Peroxidase Hybrid Nano–Bio Artificial Catalytic System for Unselective Degradation of Persistent Phenolic Pollutants. *Advanced Materials Interfaces*, **2018**, 5, 1801297	4.6	20
69	A cyanobiphenyl based fluorescent probe for rapid and specific detection of hypochlorite and its bio-imaging applications. *Sensors and Actuators B: Chemical*, **2018**, 262, 57-63	8.5	19
68	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Lauryl Ether and Tartrate Salt at Different Temperatures. *Journal of Chemical & Engineering Data*, **2014**, 59, 1843-1851	2.8	19
67	Liquid–liquid equilibrium phase behavior of iminazolium-based ionic liquid aqueous two-phase systems composed of 1-alkyl-3-methyl imidazolium tetrafluoroborate and different electrolytes ZnSO4, MgSO4 and Li2SO4 at 298.15 K: Experimental and correlation. *Thermochimica Acta*, **2013**, 557, 68-76	2.9	19
66	Liquid–Liquid Equilibria of Polyvinylpyrrolidone + Several Ammonium Salts + Water Aqueous Two-Phase Systems: Experimental and Correlation. *Journal of Chemical & Engineering Data*, **2012**, 57, 3128-3135	2.8	19
65	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 211, 299-305	4.4	19
64	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Lauryl Ether and Three Kinds of Potassium Salts at Different Temperatures. *Journal of Chemical & Engineering Data*, **2013**, 58, 118-127	2.8	18
63	Liquid–liquid equilibria of hydrophilic alcohol + sodium hydroxide + water systems: Experimental and correlation. *Thermochimica Acta*, **2013**, 566, 261-267	2.9	18
62	A coumarin based fluorescent probe for rapidly distinguishing of hypochlorite and copper (II) ion in organisms. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 208, 299-308	4.4	18
61	Process Integration of Production, Purification, and Immobilization of β-Glucosidase by Constructing Glu-linker-ELP-GB System. *Industrial & Engineering Chemistry Research*, **2018**, 57, 15620-15631	3.9	18
60	A fluorescent chemosensor for relay recognition of Fe 3+ and PO 4 3− in aqueous solution and its applications. *Tetrahedron*, **2017**, 73, 5229-5238	2.4	17
59	Ionic liquid/Ammonium Sulfate Aqueous Two-phase System Coupled with HPLC Extraction of Sulfadimidine in Real Environmental Water Samples. *Chromatographia*, **2011**, 74, 407-413	2.1	17
58	Extraction of trace acetylspiramycin in real aqueous environments using aqueous two-phase system of ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and phosphate. *Open Chemistry*, **2010**, 8, 1185-1191	1.6	17

57	A sensitive BODIPY-based fluorescent probe suitable for hypochlorite detection in living cells. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 352, 65-72	4.7	17
56	A water-soluble Fe3+ selective fluorescent turn-on chemosensor: Preparation, theoretical study and its optical vitro imaging. *Journal of Luminescence*, **2018**, 196, 379-386	3.8	16
55	Novel Synthesis Strategy for Biocatalyst: Fast Purification and Immobilization of His- and ELP-Tagged Enzyme from Fermentation Broth. *ACS Applied Materials & Interfaces*, **2019**, 11, 31878-31888	9.5	16
54	Bimetallic Manganese Cobalt Phosphide Nanodots Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. *Energy Technology*, **2019**, 7, 1800927	3.5	16
53	Synergized subcritical-ultrasound-assisted aqueous two-phase extraction, purification, and characterization of Lentinus edodes polysaccharides. *Process Biochemistry*, **2020**, 95, 297-306	4.8	14
52	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. *Journal of Chemical Thermodynamics*, **2014**, 71, 137-147	2.9	14
51	Cloud Point and Liquid-Liquid Equilibrium Behavior of Thermosensitive Polymer L61 and Salt Aqueous Two-Phase System. *Journal of Physical Chemistry B*, **2015**, 119, 8201-8	3.4	14
50	Optimization of partitioning process parameters of chloramphenicol in ionic liquid aqueous two-phase flotation using response surface methodology. *Journal of the Iranian Chemical Society*, **2013**, 10, 505-512	2	13
49	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 184, 177-183	4.4	13
48	Synthesis, characterization, and adsorption properties of a Ce(III)-imprinted polymer supported by mesoporous SBA-15 matrix by a surface molecular imprinting technique. *Canadian Journal of Chemistry*, **2014**, 92, 257-266	0.9	12
47	Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite: Improvement of Loading Amount and Catalytic Activity. *Food Technology and Biotechnology*, **2019**, 57, 260-271	2.1	12
46	A high efficiency method combining metal chelate ionic liquid-based aqueous two-phase flotation with two-step precipitation process for bromelain purification. *Food Chemistry*, **2020**, 309, 125749	8.5	12
45	Cloudy behavior and equilibrium phase behavior of triblock copolymer L64 + salt + water two-phase systems. *Fluid Phase Equilibria*, **2016**, 409, 439-446	2.5	11
44	Simultaneous extraction and determination of sulfadiazine and sulfamethoxazole in water samples and aquaculture products using [Bmim]BF4/(NH4)3C6H5O7 aqueous two-phase system coupled with HPLC. *Journal of the Iranian Chemical Society*, **2013**, 10, 339-346	2	11
43	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Cetyl Ether and Potassium Salt at Different Temperatures. *Journal of Chemical & Engineering Data*, **2015**, 60, 1193-1201	2.8	11
42	Fabrication of 2D/0D Heterojunction Based on the Dual Controls of Micro/Nano-Morphology and Structure Towards High-Efficiency Photocatalytic H2 Production. *ChemCatChem*, **2019**, 11, 6263-6269	5.2	10
41	Liquid-liquid equilibrium of novel aqueous two-phase systems and evaluation of salting-out abilities of salts. *Open Chemistry*, **2010**, 8, 886-891	1.6	10
40	Liquid–liquid equilibrium of aqueous two-phase systems containing thermo-sensitive copolymer L31 and salts. *Fluid Phase Equilibria*, **2015**, 387, 12-17	2.5	9

39	Synergetic effect of Ni and 5-acrylamidobenzoboroxole functional groups anchoring on magnetic nanoparticles for enhanced immobilization of horseradish peroxidase. *Enzyme and Microbial Technology*, **2019**, 120, 136-143	3.8	9
38	Optimization of separation and determination of chloramphenicol in food using aqueous two-phase flotation coupled with HPLC. *Journal of the Iranian Chemical Society*, **2014**, 11, 1775-1782	2	9
37	Construction of Nonmetallic p-n Heterojunction With Face-to-Face Structure for Drastically Enhanced Photocatalytic Performance. *ChemNanoMat*, **2019**, 5, 456-461	3.5	7
36	A new colorimetric and ratiometric probe for highly selective recognition and bioimaging of ClO and Al. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 232, 118154	4.4	7
35	Selective transport of cadmium(II) through hollow fiber-supported liquid membrane microextraction using diaza-18-crown-6 in ionic liquids as carrier. *Journal of the Iranian Chemical Society*, **2016**, 13, 403-410	2	7
34	Mixed polymeric micelles as a multifunctional visual thermosensor for the rapid analysis of mixed metal ions with Al3+ and Fe3+. *New Journal of Chemistry*, **2018**, 42, 12853-12864	3.6	7
33	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. *Journal of the Iranian Chemical Society*, **2015**, 12, 371-377	2	7
32	Dual-frequency ultrasound-assisted alcohol/salt aqueous two-phase extraction and purification of Astragalus polysaccharides. *Journal of Food Process Engineering*, **2020**, 43, e13366	2.4	7
31	Cloud point behavior of thermosensitive triblock copolymer L61 in the presence of electrolytes. *Journal of Dispersion Science and Technology*, **2017**, 38, 494-497	1.5	6
30	Phenylboronic acid-functionalized core–shell magnetic composite nanoparticles as a novel protocol for selective enrichment of fructose from a fructose–glucose aqueous solution. *New Journal of Chemistry*, **2017**, 41, 13399-13407	3.6	6
29	The fabrication of dendrimeric phenylboronic acid-functionalized magnetic graphene oxide nanoparticles with excellent adsorption performance for the separation and purification of horseradish peroxidase. *New Journal of Chemistry*, **2020**, 44, 5254-5264	3.6	6
28	A remote computing based point-of-care colorimetric detection system with a smartphone under complex ambient light conditions. *Analyst, The*, **2018**, 143, 1387-1395	5	6
27	A water-soluble colorimetric and fluorescent probe for rapidly sensing of ClO in organisms. *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 387, 112166	4.7	6
26	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. *Luminescence*, **2018**, 33, 15-21	2.5	5
25	Synthesis of a phenylboronic acid-functionalized thermosensitive block copolymer and its application in separation and purification of vicinal-diol-containing compounds. *RSC Advances*, **2016**, 6, 82309-82320	3.7	5
24	A novel cyclic non-ligand dual-cloud point extraction for the preconcentration of cadmium(II) through pH regulation in food and environmental matrices. *New Journal of Chemistry*, **2015**, 39, 9116-9123	3.6	4
23	Colorimetric sensor arrays–smartphone–remote server coupling system for rapid detection of saccharides in beverages. *Journal of the Iranian Chemical Society*, **2018**, 15, 1085-1095	2	4
22	Separation, purification of anthocyanin and vitis linn polysaccharide from grape juice by the two-step extraction and dialysis. *Journal of Food Processing and Preservation*, **2018**, 42, e13344	2.1	4

21	Novel Fractional Purification Approach of Crude Polysaccharides via Boronic Acid-Tagged Thermoresponsive Triblock Copolymers. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17789-17798	8.3	4
20	Partitioning of Cephalexin in Ionic Liquid Aqueous Two-Phase System Composed of 1-Butyl-3-Methylimidazolium Tetrafluoroborate andZnSO4. *Journal of Chemistry*, **2013**, 2013, 1-5	2.3	4
19	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanolKOH aqueous two-phase system. *Separation Science and Technology*, **2016**, 1-9	2.5	4
18	A simple method for purification of bromelain in a thermosensitive triblock copolymer-based protection system and recycling of phase components. *Separation Science and Technology*, **2018**, 53, 636-644	2.5	4
17	Preparation of temperature-sensitive magnetic microspheres for separation and purification of bromelain. *Food and Bioproducts Processing*, **2019**, 114, 253-262	4.9	3
16	A Simple Two-Step Cloud Point Extraction Process for Removing Fluorescent Whitening Agents VBL in Industrial Wastewater and Recycling of Surfactant. *Water Environment Research*, **2017**, 89, 281-287	2.8	3
15	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. *Journal of the Iranian Chemical Society*, **2016**, 13, 1759-1765	2	3
14	A novel enhanced enrichment glucose oxidase@ZIF-8 biomimetic strategy with 3-mercaptophenylboronic acid for highly efficient catalysis of glucose. *Colloids and Surfaces B: Biointerfaces*, **2021**, 208, 112034	6	3
13	A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. *RSC Advances*, **2016**, 6, 80885-80895	3.7	2
12	Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. *Journal of Food Biochemistry*, **2019**, 43, e12976	3.3	2
11	Construction of Multienzyme Co-immobilized Hybrid Nanoflowers for an Efficient Conversion of Cellulose into Glucose in a Cascade Reaction. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 7910-7921	5.7	2
10	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. *Journal of Dispersion Science and Technology*, **2017**, 38, 1388-1395	1.5	1
9	Liquid–liquid Equilibrium of Imidazolium Ionic Liquids + Phosphate + Water Aqueous Two-Phase Systems and Correlation. *Journal of Solution Chemistry*, **2019**, 48, 1167-1187	1.8	1
8	Natural deep eutectic solvents as green and biocompatible reaction medium for carbonic anhydrase catalysis. *International Journal of Biological Macromolecules*, **2021**, 190, 206-213	7.9	1
7	Modulating the biofunctionality of enzyme-MOF nanobiocatalyst through structure-switching aptamer for continuous degradation of BPA. *Colloids and Surfaces B: Biointerfaces*, **2021**, 208, 112099	6	1
6	A two-step method for the synthesis of magnetic immobilized cellulase with outstanding thermal stability and reusability. *New Journal of Chemistry*, **2021**, 45, 6144-6150	3.6	1
5	The Cloud Point Behaviors and the Liquid–liquid Equilibrium of L31–Inorganic Sodium Salt Aqueous Two-Phase Systems. *Journal of Dispersion Science and Technology*, **2019**, 40, 777-783	1.5	0
4	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 (K2SO4, K2CO3, KCl, KNO3, KBr) at 283.15 K. *Journal of Solution Chemistry*, **2016**, 45, 1811-1825	1.8	0

3	Combination of aqueous two-phase flotation and inverse transition cycling: Strategies for separation and purification of recombinant □-glucosidase from cell lysis solution. *Food Chemistry*, **2021**, 131543	8.5	0
2	Fabrication of immobilized bromelain using cobalt phosphate material prepared in deep eutectic solvent as carrier. *Colloids and Surfaces B: Biointerfaces*, **2021**, 210, 112251	6	0
1	Rational design of hydrogen bonds for driving thermo-responsive phase transition and assembly behavior of block copolymer in water. *Polymer Chemistry*, **2022**, 13, 2674-2684	4.9	0