

# Juan Han

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2141810/juan-han-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

128  
papers

3,039  
citations

32  
h-index

48  
g-index

129  
ext. papers

3,498  
ext. citations

4.6  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
128	Rational design of hydrogen bonds for driving thermo-responsive phase transition and assembly behavior of block copolymer in water. <i>Polymer Chemistry</i> , <b>2022</b> , 13, 2674-2684	4.9	0
127	Combination of aqueous two-phase flotation and inverse transition cycling: Strategies for separation and purification of recombinant $\alpha$ -glucosidase from cell lysis solution. <i>Food Chemistry</i> , <b>2021</b> , 131543	8.5	0
126	Fabrication of immobilized bromelain using cobalt phosphate material prepared in deep eutectic solvent as carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 210, 112251	6	0
125	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> , <b>2021</b> , 69, 7910-7921	5.7	2
124	Natural deep eutectic solvents as green and biocompatible reaction medium for carbonic anhydrase catalysis. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 190, 206-213	7.9	1
123	Modulating the biofunctionality of enzyme-MOF nanobiocatalyst through structure-switching aptamer for continuous degradation of BPA. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 208, 112099	6	1
122	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> , <b>2021</b> , 208, 112034	6	3
121	A two-step method for the synthesis of magnetic immobilized cellulase with outstanding thermal stability and reusability. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 6144-6150	3.6	1
120	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> , <b>2020</b> , 44, 5254-5264	3.6	6
119	Construction of a Multienzymatic Cascade Reaction System of Coimmobilized Hybrid Nanoflowers for Efficient Conversion of Starch into Gluconic Acid. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 15023-15033	9.5	34
118	Synergized subcritical-ultrasound-assisted aqueous two-phase extraction, purification, and characterization of <i>Lentinus edodes</i> polysaccharides. <i>Process Biochemistry</i> , <b>2020</b> , 95, 297-306	4.8	14
117	A new colorimetric and ratiometric probe for highly selective recognition and bioimaging of ClO <sub>2</sub> and Al. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 232, 118154	4.4	7
116	Dual-frequency ultrasound-assisted alcohol/salt aqueous two-phase extraction and purification of <i>Astragalus</i> polysaccharides. <i>Journal of Food Process Engineering</i> , <b>2020</b> , 43, e13366	2.4	7
115	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> , <b>2020</b> , 383, 121130	12.8	46
114	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> , <b>2020</b> , 309, 125749	8.5	12
113	A water-soluble colorimetric and fluorescent probe for rapidly sensing of ClO <sub>2</sub> in organisms. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 387, 112166	4.7	6
112	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. <i>Food Chemistry</i> , <b>2020</b> , 304, 125383	8.5	36

111	Fabrication of a core-shell-shell magnetic polymeric microsphere with excellent performance for separation and purification of bromelain. <i>Food Chemistry</i> , <b>2019</b> , 283, 1-10	8.5	22
110	The Cloud Point Behaviors and the Liquid-Liquid Equilibrium of L31 $\Pi$ Inorganic Sodium Salt Aqueous Two-Phase Systems. <i>Journal of Dispersion Science and Technology</i> , <b>2019</b> , 40, 777-783	1.5	0
109	Preparation of temperature-sensitive magnetic microspheres for separation and purification of bromelain. <i>Food and Bioproducts Processing</i> , <b>2019</b> , 114, 253-262	4.9	3
108	Construction of Nonmetallic p-n Heterojunction With Face-to-Face Structure for Drastically Enhanced Photocatalytic Performance. <i>ChemNanoMat</i> , <b>2019</b> , 5, 456-461	3.5	7
107	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> , <b>2019</b> , 120, 136-143	3.8	9
106	HRP@ZIF-8/DNA Hybrids: Functionality Integration of ZIF-8 via Biomineralization and Surface Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14611-14620	8.3	21
105	Novel Synthesis Strategy for Biocatalyst: Fast Purification and Immobilization of His- and ELP-Tagged Enzyme from Fermentation Broth. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 31878-31888	9.5	16
104	Liquid-Liquid Equilibrium of Imidazolium Ionic Liquids + Phosphate + Water Aqueous Two-Phase Systems and Correlation. <i>Journal of Solution Chemistry</i> , <b>2019</b> , 48, 1167-1187	1.8	1
103	Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12976	3.3	2
102	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> , <b>2019</b> , 380, 120901	12.8	30
101	Fabrication of 2D/0D Heterojunction Based on the Dual Controls of Micro/Nano-Morphology and Structure Towards High-Efficiency Photocatalytic H <sub>2</sub> Production. <i>ChemCatChem</i> , <b>2019</b> , 11, 6263-6269	5.2	10
100	Novel Fractional Purification Approach of Crude Polysaccharides via Boronic Acid-Tagged Thermoresponsive Triblock Copolymers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 17789-17798	8.3	4
99	Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite: Improvement of Loading Amount and Catalytic Activity. <i>Food Technology and Biotechnology</i> , <b>2019</b> , 57, 260-271	2.1	12
98	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> , <b>2019</b> , 211, 299-305	4.4	19
97	Horseradish peroxidase immobilized on the magnetic composite microspheres for high catalytic ability and operational stability. <i>Enzyme and Microbial Technology</i> , <b>2019</b> , 122, 26-35	3.8	21
96	Bimetallic Manganese Cobalt Phosphide Nanodots-Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. <i>Energy Technology</i> , <b>2019</b> , 7, 1800927	3.5	16
95	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> , <b>2019</b> , 282, 48-57	8.5	30
94	Recyclable $\alpha$ -Glucosidase by One-Pot Encapsulation with Cu-MOFs for Enhanced Hydrolysis of Cellulose to Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 3339-3348	8.3	45

93	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> , <b>2019</b> , 208, 299-308	4.4	18
92	Colorimetric sensor array in smartphone-remote server coupling system for rapid detection of saccharides in beverages. <i>Journal of the Iranian Chemical Society</i> , <b>2018</b> , 15, 1085-1095	2	4
91	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. <i>Bioprocess and Biosystems Engineering</i> , <b>2018</b> , 41, 1051-1060	3.7	22
90	A cyanobiphenyl based fluorescent probe for rapid and specific detection of hypochlorite and its bio-imaging applications. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 262, 57-63	8.5	19
89	A remote computing based point-of-care colorimetric detection system with a smartphone under complex ambient light conditions. <i>Analyst, The</i> , <b>2018</b> , 143, 1387-1395	5	6
88	A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. <i>Dalton Transactions</i> , <b>2018</b> , 47, 3378-3387	4.3	31
87	A new coumarin schiff based fluorescent-colorimetric chemosensor for dual monitoring of Zn <sup>2+</sup> and Fe <sup>3+</sup> in different solutions: An application to bio-imaging. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 260, 243-254	8.5	57
86	A water-soluble Fe <sup>3+</sup> selective fluorescent turn-on chemosensor: Preparation, theoretical study and its optical vitro imaging. <i>Journal of Luminescence</i> , <b>2018</b> , 196, 379-386	3.8	16
85	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> , <b>2018</b> , 6, 7779-7788	8.3	29
84	A dual site controlled probe for fluorescent monitoring of intracellular pH and colorimetric monitoring of Cu <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 270, 35-44	8.5	21
83	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> , <b>2018</b> , 42, e13344	2.1	4
82	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. <i>Luminescence</i> , <b>2018</b> , 33, 15-21	2.5	5
81	A relay identification fluorescence probe for Fe and phosphate anion and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 191, 172-179	4.4	21
80	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> , <b>2018</b> , 205, 597-602	4.4	37
79	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> , <b>2018</b> , 119, 692-700	7.9	21
78	A water-soluble fluorescent probe for monitoring hypochlorite in water and in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 273, 778-783	8.5	37
77	Mixed polymeric micelles as a multifunctional visual thermosensor for the rapid analysis of mixed metal ions with Al <sup>3+</sup> and Fe <sup>3+</sup> . <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 12853-12864	3.6	7
76	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> , <b>2018</b> , 53, 636-644	2.5	4

75	Preparation and characterization of Fe <sub>3</sub> O <sub>4</sub> -NH <sub>2</sub> @4-arm-PEG-NH <sub>2</sub> , a novel magnetic four-arm polymer-nanoparticle composite for cellulase immobilization. <i>Biochemical Engineering Journal</i> , <b>2018</b> , 130, 90-98	4.2	33
74	A sensitive BODIPY-based fluorescent probe suitable for hypochlorite detection in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 352, 65-72	4.7	17
73	Process Integration of Production, Purification, and Immobilization of $\alpha$ -Glucosidase by Constructing Glu-linker-ELP-GB System. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 15620-15631	3.9	18
72	A New Graphitic Carbon Nitride/Horseradish Peroxidase Hybrid NanoBio Artificial Catalytic System for Unselective Degradation of Persistent Phenolic Pollutants. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1801297	4.6	20
71	Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> Nanospheres on g-C <sub>3</sub> N <sub>4</sub> for Degrading Tetracycline Hydrochloride in Water. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16437-16447	8.3	105
70	Cloud point behavior of thermosensitive triblock copolymer L61 in the presence of electrolytes. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 494-497	1.5	6
69	Synchronized purification and immobilization of his-tagged $\alpha$ -glucosidase via FeO/PMG core/shell magnetic nanoparticles. <i>Scientific Reports</i> , <b>2017</b> , 7, 41741	4.9	31
68	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 1388-1395	1.5	1
67	A fluorescent chemosensor for Cu <sup>2+</sup> ions and its application in cell imaging. <i>Tetrahedron</i> , <b>2017</b> , 73, 13672-1373	2.3	23
66	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> , <b>2017</b> , 41, 13399-13407	3.6	6
65	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> , <b>2017</b> , 89, 281-287	2.8	3
64	A fluorescent chemosensor for relay recognition of Fe <sup>3+</sup> and PO <sub>4</sub> <sup>3-</sup> in aqueous solution and its applications. <i>Tetrahedron</i> , <b>2017</b> , 73, 5229-5238	2.4	17
63	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> , <b>2017</b> , 173, 721-726	4.4	49
62	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> , <b>2017</b> , 184, 177-183	4.4	13
61	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> , <b>2016</b> , 194, 257-64	8.5	35
60	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. <i>Food Chemistry</i> , <b>2016</b> , 190, 1130-1136	8.5	28
59	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> , <b>2016</b> , 192, 163-70	8.5	41
58	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> , <b>2016</b> , 13, 1759-1765	2	3

57	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> , <b>2016</b> , 6, 82309-82320	3.7	5
56	A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. <i>RSC Advances</i> , <b>2016</b> , 6, 80885-80895	3.7	2
55	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 <sub>2</sub> SO <sub>4</sub> , K <sub>2</sub> CO <sub>3</sub> , KCl, KNO <sub>3</sub> , KBr) at 283.15 K. <i>Journal of Solution Chemistry</i> , <b>2016</b> , 45, 1811-1825	1.8	0
54	A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. <i>Talanta</i> , <b>2016</b> , 160, 194-204	6.2	35
53	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> , <b>2016</b> , 101, 41-49	3.7	20
52	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> , <b>2016</b> , 13, 403-410	2	7
51	Cloudy behavior and equilibrium phase behavior of triblock copolymer L64 + salt + water two-phase systems. <i>Fluid Phase Equilibria</i> , <b>2016</b> , 409, 439-446	2.5	11
50	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> , <b>2016</b> , 210, 1-8	8.5	40
49	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanol/H <sub>2</sub> O aqueous two-phase system. <i>Separation Science and Technology</i> , <b>2016</b> , 1-9	2.5	4
48	A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. <i>Talanta</i> , <b>2016</b> , 161, 847-853	6.2	37
47	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> , <b>2015</b> , 39, 9116-9123	3.6	4
46	Liquid-Liquid equilibrium of aqueous two-phase systems containing thermo-sensitive copolymer L31 and salts. <i>Fluid Phase Equilibria</i> , <b>2015</b> , 387, 12-17	2.5	9
45	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> , <b>2015</b> , 293, 109-123	2.4	25
44	Cloud Point and Liquid-Liquid Equilibrium Behavior of Thermosensitive Polymer L61 and Salt Aqueous Two-Phase System. <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 8201-8	3.4	14
43	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 &amp; Engineering Data</i> , <b>2015</b> , 60, 1193-1201	2.8	11
42	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> , <b>2015</b> , 7, 2339-2346	3.2	21
41	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> , <b>2015</b> , 12, 371-377	2	7
40	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> , <b>2014</b> , 71, 137-147	2.9	14

39	Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. <i>Mikrochimica Acta</i> , <b>2014</b> , 181, 1455-1461	5.8	20
38	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> , <b>2014</b> , 11, 1775-1782	2	9
37	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 &amp; Engineering Data</i> , <b>2014</b> , 59, 1843-1851	2.8	19
36	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> , <b>2014</b> , 278, 134-43	12.8	49
35	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> , <b>2014</b> , 92, 257-266	0.9	12
34	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> , <b>2013</b> , 10, 505-512	2	13
33	Simultaneous extraction and determination of sulfadiazine and sulfamethoxazole in water samples and aquaculture products using [Bmim]BF <sub>4</sub> /(NH <sub>4</sub> ) <sub>3</sub> C <sub>6</sub> H <sub>5</sub> O <sub>7</sub> aqueous two-phase system coupled with HPLC. <i>Journal of the Iranian Chemical Society</i> , <b>2013</b> , 10, 339-346	2	11
32	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> , <b>2013</b> , 560, 47-54	2.9	33
31	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 ZnSO <sub>4</sub> , MgSO <sub>4</sub> and Li <sub>2</sub> SO <sub>4</sub> at 298.15 K: Experimental and correlation. <i>Thermochimica Acta</i> , <b>2013</b> , 557, 68-76	2.9	19
30	Measurement and correlation of phase diagram data for acetone and sulfate aqueous two-phase systems at different temperatures. <i>Thermochimica Acta</i> , <b>2013</b> , 568, 209-217	2.9	24
29	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> , <b>2013</b> , 405, 1245-55	4.4	32
28	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 &amp; Engineering Data</i> , <b>2013</b> , 58, 118-127	2.8	18
27	Liquid-liquid equilibria of hydrophilic alcohol + sodium hydroxide + water systems: Experimental and correlation. <i>Thermochimica Acta</i> , <b>2013</b> , 566, 261-267	2.9	18
26	Partitioning of Cephalixin in Ionic Liquid Aqueous Two-Phase System Composed of 1-Butyl-3-Methylimidazolium Tetrafluoroborate and ZnSO <sub>4</sub> . <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-5	2.3	4
25	(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. <i>Journal of Chemical Thermodynamics</i> , <b>2012</b> , 45, 59-67	2.9	49
24	Liquid-liquid Equilibria of Polyvinylpyrrolidone + Several Ammonium Salts + Water Aqueous Two-Phase Systems: Experimental and Correlation. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2012</b> , 57, 3128-3135	2.8	19
23	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> , <b>2012</b> , 543, 1-8	2.9	26
22	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 &amp; Engineering Data</i> , <b>2012</b> , 57, 2313-2321	2.8	21

21	Application of Water-Miscible Alcohol-Based Aqueous Two-Phase Systems for Extraction of Dyes. <i>Separation Science and Technology</i> , <b>2011</b> , 46, 1283-1288	2.5	22
20	Ionic liquid/Ammonium Sulfate Aqueous Two-phase System Coupled with HPLC Extraction of Sulfadimidine in Real Environmental Water Samples. <i>Chromatographia</i> , <b>2011</b> , 74, 407-413	2.1	17
19	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. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 399, 1295-304	4.4	78
18	Extraction mechanism of sulfamethoxazole in water samples using aqueous two-phase systems of poly(propylene glycol) and salt. <i>Analytica Chimica Acta</i> , <b>2011</b> , 687, 61-6	6.6	41
17	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> , <b>2011</b> , 523, 221-226	2.9	21
16	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 &amp; Engineering Data</i> , <b>2011</b> , 55, 2571-2581	2.8	23
15	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. <i>Analytica Chimica Acta</i> , <b>2011</b> , 685, 138-45	6.6	99
14	Separation/enrichment of trace tetracycline antibiotics in water by [Bmim]BF <sub>4</sub> (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub> aqueous two-phase solvent sublation. <i>Desalination</i> , <b>2011</b> , 266, 114-118	10.3	42
13	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. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 3749-3754	2.8	80
12	Phase Behavior for the Aqueous Two-Phase Systems Containing the Ionic Liquid 1-Butyl-3-methylimidazolium Tetrafluoroborate and Kosmotropic Salts. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 1087-1092	2.8	96
11	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 &amp; Engineering Data</i> , <b>2010</b> , 55, 876-881	2.8	113
10	Measurement and Correlation of the Phase Diagram Data for PPG400 + (K <sub>3</sub> PO <sub>4</sub> , K <sub>2</sub> CO <sub>3</sub> , and K <sub>2</sub> HPO <sub>4</sub> ) + H <sub>2</sub> O Aqueous Two-Phase Systems at T = 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 4741-4745	2.8	33
9	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 &amp; Engineering Data</i> , <b>2010</b> , 55, 2857-2861	2.8	35
8	Measurement and Correlation of Phase Diagram Data for Several Hydrophilic Alcohol + Citrate Aqueous Two-Phase Systems at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 4574-4579	2.8	65
7	Liquid-liquid equilibrium of novel aqueous two-phase systems and evaluation of salting-out abilities of salts. <i>Open Chemistry</i> , <b>2010</b> , 8, 886-891	1.6	10
6	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> , <b>2010</b> , 8, 1185-1191	1.6	17
5	Partition behavior and partition mechanism of antibiotics in ethanol/2-propanol-ammonium sulfate aqueous two-phase systems. <i>Separation and Purification Technology</i> , <b>2010</b> , 75, 352-357	8.3	84
4	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> , <b>2010</b> , 169, 15-22	5.8	41



3	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> , <b>2010</b> , 171, 151-160	5.8	21
2	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. <i>Fluid Phase Equilibria</i> , <b>2010</b> , 295, 98-103	2.5	85
1	Extraction and mechanism investigation of trace roxithromycin in real water samples by use of ionic liquid-salt aqueous two-phase system. <i>Analytica Chimica Acta</i> , <b>2009</b> , 653, 178-83	6.6	102