

Shuhao Wang

List of Publications by Year in descending order

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123
papers

3,983
citations

87723

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149479

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123
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123
docs citations

123
times ranked

3936
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	Insight into the Activity and Stability of Rh _x P Nano-Species Supported on $\text{g-C}_3\text{N}_4$ for Photocatalytic H_2 Production. ACS Catalysis, 2020, 10, 458-462.	5.5	154
3	Monodisperse core-shell magnetic organosilica nanoflowers with radial wrinkle for lipase immobilization. Chemical Engineering Journal, 2017, 309, 70-79.	6.6	151
4	Recent research progress of bimetallic phosphides-based nanomaterials as cocatalyst for photocatalytic hydrogen evolution. Chinese Chemical Letters, 2022, 33, 1141-1153.	4.8	149
5	Metal-free Z-scheme 2D/2D vdW heterojunction for high-efficiency and durable photocatalytic H_2 production. Chemical Engineering Journal, 2020, 395, 125150.	6.6	139
6	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
7	Mesoporous ferriferrous oxide nanoreactors modified on graphitic carbon nitride towards improvement of physical, photoelectrochemical properties and photocatalytic performance. Journal of Colloid and Interface Science, 2018, 531, 331-342.	5.0	113
8	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
9	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
10	Insight into photocatalytic activity, universality and mechanism of copper/chlorine surface dual-doped graphitic carbon nitride for degrading various organic pollutants in water. Journal of Colloid and Interface Science, 2019, 538, 462-473.	5.0	80
11	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
12	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
13	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
14	Synergistic effect triggered by skeleton delocalization and edge induction of carbon nitride expedites photocatalytic hydrogen evolution. Chemical Engineering Journal, 2022, 442, 136190.	6.6	65
15	Photocatalyst/enzyme heterojunction fabricated for high-efficiency photoenzyme synergic catalytic degrading Bisphenol A in water. Chemical Engineering Journal, 2020, 385, 123764.	6.6	62
16	Construction of biocatalytic colloidosome using lipase-containing dendritic mesoporous silica nanospheres for enhanced enzyme catalysis. Chemical Engineering Journal, 2017, 317, 175-186.	6.6	60
17	Liquid-Liquid Equilibrium of Potassium Phosphate/Potassium Citrate/Sodium Citrate + Ethanol Aqueous Two-Phase Systems at (298.15 and 313.15) K and Correlation. Journal of Chemical & Engineering Data, 2010, 55, 5621-5626.	1.0	59
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. Journal of Hazardous Materials, 2014, 278, 134-143.	6.5	56

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19	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.	2.5	55
20	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.	4.0	54
21	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.	2.0	52
22	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
23	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
24	Novel Bi ₂ O ₃ /CO ₃ /polypyrrole/g-C ₃ N ₄ nanocomposites with efficient photocatalytic and nonlinear optical properties. <i>RSC Advances</i> , 2017, 7, 7658-7670.	1.7	47
25	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
26	Defective Anatase TiO ₂ Mesocrystal Growth In Situ on g-C ₃ N ₄ Nanosheets: Construction of 3D/2D Z-scheme Heterostructures for Highly Efficient Visible-Light Photocatalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 13311-13321.	1.7	46
27	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.	3.2	45
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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.	3.8	39
39	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 <i>T</i> = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4741-4745.	1.0	38
40	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
41	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.	1.0	37
42	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.	6.6	35
43	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
44	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
45	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.	2.7	34
46	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
47	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
48	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.	4.8	31
49	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
50	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
51	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
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	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

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55	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
56	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.	4.0	25
57	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
58	Liquid-liquid equilibria of hydrophilic alcohol+sodium hydroxide+water systems: Experimental and correlation. <i>Thermochimica Acta</i> , 2013, 566, 261-267.	1.2	24
59	A facile one-step strategy to construct OD/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.	3.8	24
60	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
61	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
62	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
63	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
64	The study of phase behavior of aqueous two-phase system containing [C 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.	1.4	20
65	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
66	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.	4.0	19
67	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
68	Bimetallic Manganese Cobalt Phosphide Nanodots-Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. <i>Energy Technology</i> , 2019, 7, 1800927.	1.8	18
69	Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite. <i>Food Technology and Biotechnology</i> , 2019, 57, 260-271.	0.9	18
70	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
71	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.	4.3	17
72	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

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73	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
74	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
75	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> , 2021, 9, 60-69.	3.0	15
76	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
77	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
78	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.	1.8	14
79	Cloudy behavior and equilibrium phase behavior of triblock copolymer L64+ NaCl +water two-phase systems. <i>Fluid Phase Equilibria</i> , 2016, 409, 439-446.	1.4	13
80	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.	3.9	13
81	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
82	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
83	Switch on/off of cellulase activity based on synergetic polymer pair system. <i>Biochemical Engineering Journal</i> , 2017, 126, 1-7.	1.8	12
84	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
85	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
86	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
87	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
88	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
89	Microchip-Grafted P(NIPAAm-co-VPBA) with Thermoresponsive Boronate Affinity for Capture-Release of cis-Diol Biomolecules. <i>Chromatographia</i> , 2015, 78, 157-162.	0.7	11
90	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

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91	An OFF-ON type fluorescent probe based on a naphthalene derivative for Al ³⁺ and Fe ³⁺ ions and its biological application. <i>Luminescence</i> , 2018, 33, 15-21.	1.5	10
92	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.	1.8	10
93	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
94	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
95	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
96	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
97	Morphology-dependent intelligent biocatalysts with automatic functionality regulation for activity enhancement and controllable recycling. <i>Chemical Engineering Journal</i> , 2021, 409, 127985.	6.6	9
98	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
99	Ultrathin Mesoporous Carbon Nitride Nanosheets Prepared Through a One-Pot Approach towards Enhanced Photocatalytic Activity. <i>Energy Technology</i> , 2020, 8, 2000719.	1.8	8
100	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.	1.5	8
101	Facile synthesis and photocatalytic activity of a novel titanium dioxide nanocomposite coupled with zinc porphyrin. <i>Nanomaterials and Nanotechnology</i> , 2016, 6, 184798041666948.	1.2	7
102	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
103	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
104	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
105	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
106	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
107	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
108	Preparation of composite-imprinted alumina membrane for effective separation of p-hydroxybenzoic acid from its isomer using Box-Behnken design-based statistical modeling. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	5

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109	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
110	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanolâ€“KOH aqueous two-phase system. <i>Separation Science and Technology</i> , 0, , 1-9.	1.3	5
111	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
112	Separation and purification of horseradish peroxidase from horseradish roots using a novel integrated method. <i>New Journal of Chemistry</i> , 2021, 45, 1959-1966.	1.4	5
113	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.	2.3	5
114	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
115	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
116	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
117	The Cloud Point Behavior and Liquidâ€“Liquid Equilibrium of Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (Glycyl) (K ₂ SO ₄ , K ₂ CO ₃ , KCl, KNO ₃ , KBr) at 283.15Â°K. <i>Journal of Solution Chemistry</i> , 2016, 45, 1811-1825.	0.6	3
118	Liquidâ€“Liquid Equilibrium of Imidazolium Ionic Liquidsâ€“Phosphateâ€“Water Aqueous Two-Phase Systems and Correlation. <i>Journal of Solution Chemistry</i> , 2019, 48, 1167-1187.	0.6	3
119	Preparation of dendritic polymerâ€“based magnetic carrier for application of bromelain separation and purification. <i>Journal of Food Biochemistry</i> , 2019, 43, e12976.	1.2	3
120	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.	2.5	3
121	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.	1.7	2
122	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.	1.3	2
123	The Cloud Point Behaviors and the Liquidâ€“Liquid Equilibrium of L31â€“Inorganic Sodium Salt Aqueous Two-Phase Systems. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 777-783.	1.3	1