

Shuhao Wang

List of Publications by Citations

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122
papers

2,749
citations

31
h-index

46
g-index

123
ext. papers

3,393
ext. citations

5.5
avg, IF

5.57
L-index

#	Paper	IF	Citations
122	Monodisperse core-shell magnetic organosilica nanoflowers with radial wrinkle for lipase immobilization. <i>Chemical Engineering Journal</i> , 2017 , 309, 70-79	14.7	114
121	Phase Diagrams of Ammonium Sulfate + Ethanol/1-Propanol/2-Propanol + Water Aqueous Two-Phase Systems at 298.15 K and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 876-881	2.8	113
120	Insight into the Activity and Stability of RhxP Nano-Species Supported on g-C3N4 for Photocatalytic H2 Production. <i>ACS Catalysis</i> , 2020 , 10, 458-462	13.1	113
119	Fabrication of Z-Scheme Heterojunction by Anchoring Mesoporous Fe2O3 Nanospheres on g-C3N4 for Degrading Tetracycline Hydrochloride in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16437-16447	8.3	105
118	Mesoporous ferriferrous oxide nanoreactors modified on graphitic carbon nitride towards improvement of physical, photoelectrochemical properties and photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 331-342	9.3	102
117	Metal-free Z-scheme 2D/2D VdW heterojunction for high-efficiency and durable photocatalytic H2 production. <i>Chemical Engineering Journal</i> , 2020 , 395, 125150	14.7	98
116	Measurement and Correlation of Phase Diagram Data for Several Hydrophilic Alcohol + Citrate Aqueous Two-Phase Systems at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4574-4579	2.8	65
115	Insight into photocatalytic activity, universality and mechanism of copper/chlorine surface dual-doped graphitic carbon nitride for degrading various organic pollutants in water. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 462-473	9.3	60
114	A new coumarin schiff based fluorescent-colorimetric chemosensor for dual monitoring of Zn ²⁺ and Fe ³⁺ in different solutions: An application to bio-imaging. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 243-254	8.5	57
113	Liquid-Liquid Equilibrium of Potassium Phosphate/Potassium Citrate/Sodium Citrate + Ethanol Aqueous Two-Phase Systems at (298.15 and 313.15) K and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5621-5626	2.8	54
112	A surface ion-imprinted mesoporous sorbent for separation and determination of Pb(II) ion by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2011 , 172, 309-317	5.8	53
111	An ion-imprinted functionalized SBA-15 adsorbent synthesized by surface imprinting technique via reversible addition-fragmentation chain transfer polymerization for selective removal of Ce(III) from aqueous solution. <i>Journal of Hazardous Materials</i> , 2014 , 278, 134-43	12.8	49
110	A multifunctional Schiff base as a fluorescence sensor for Fe and Zn ions, and a colorimetric sensor for Cu and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 721-726	4.4	49
109	Improving laccase activity and stability by HKUST-1 with cofactor via one-pot encapsulation and its application for degradation of bisphenol A. <i>Journal of Hazardous Materials</i> , 2020 , 383, 121130	12.8	46
108	Recyclable β -Glucosidase by One-Pot Encapsulation with Cu-MOFs for Enhanced Hydrolysis of Cellulose to Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3339-3348	8.3	45
107	Construction of biocatalytic colloidosome using lipase-containing dendritic mesoporous silica nanospheres for enhanced enzyme catalysis. <i>Chemical Engineering Journal</i> , 2017 , 317, 175-186	14.7	44
106	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	4.8	42

105	A rapid-responsive fluorescent probe based on coumarin for selective sensing of sulfite in aqueous solution and its bioimaging by turn-on fluorescence signal. <i>Dyes and Pigments</i> , 2017 , 147, 357-363	4.6	41
104	Phase equilibrium and macrolide antibiotics partitioning in real water samples using a two-phase system composed of the ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and an aqueous solution of an inorganic salt. <i>Mikrochimica Acta</i> , 2010 , 169, 15-22	5.8	41
103	Simultaneous separation/enrichment and detection of trace ciprofloxacin and lomefloxacin in food samples using thermosensitive smart polymers aqueous two-phase flotation system combined with HPLC. <i>Food Chemistry</i> , 2016 , 210, 1-8	8.5	40
102	A quinoline-based fluorescence "on-off-on" probe for relay identification of Cu and Cd ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 205, 597-602	4.4	37
101	A fast-responsive fluorescent probe based on BODIPY dye for sensitive detection of hypochlorite and its application in real water samples. <i>Talanta</i> , 2016 , 161, 847-853	6.2	37
100	Photocatalyst/enzyme heterojunction fabricated for high-efficiency photoenzyme synergic catalytic degrading Bisphenol A in water. <i>Chemical Engineering Journal</i> , 2020 , 385, 123764	14.7	36
99	Integrated method of thermosensitive triblock copolymer-salt aqueous two phase extraction and dialysis membrane separation for purification of lycium barbarum polysaccharide. <i>Food Chemistry</i> , 2016 , 194, 257-64	8.5	35
98	Novel Bi ₂ O ₂ CO ₃ /polypyrrole/g-C ₃ N ₄ nanocomposites with efficient photocatalytic and nonlinear optical properties. <i>RSC Advances</i> , 2017 , 7, 7658-7670	3.7	35
97	A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. <i>Talanta</i> , 2016 , 160, 194-204	6.2	35
96	Liquid-Liquid Equilibrium of Aqueous Two-Phase Systems of PPG400 and Biodegradable Salts at Temperatures of (298.15, 308.15, and 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2857-2861	2.8	35
95	Construction of a Multienzymatic Cascade Reaction System of Coimmobilized Hybrid Nanoflowers for Efficient Conversion of Starch into Gluconic Acid. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15023-15033	9.5	34
94	Measurement and Correlation of the Phase Diagram Data for PPG400 + (K ₃ PO ₄ , K ₂ CO ₃ , and K ₂ HPO ₄) + H ₂ O Aqueous Two-Phase Systems at T = 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4741-4745	2.8	33
93	Preparation and characterization of Fe ₃ O ₄ -NH ₂ @4-arm-PEG-NH ₂ , a novel magnetic four-arm polymer-nanoparticle composite for cellulase immobilization. <i>Biochemical Engineering Journal</i> , 2018 , 130, 90-98	4.2	33
92	Synchronized purification and immobilization of his-tagged Eglucosidase via FeO/PMG core/shell magnetic nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 41741	4.9	31
91	A novel fluorescent probe based on biphenyl and rhodamine for multi-metal ion recognition and its application. <i>Dalton Transactions</i> , 2018 , 47, 3378-3387	4.3	31
90	Fabrication, physicochemical properties and photocatalytic activity of Ag _{0.68} V ₂ O ₅ hierarchical architecture assembled by ultrathin nanosheets. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018 , 87, 272-280	5.3	31
89	Construction of magnetic nanoflower biocatalytic system with enhanced enzymatic performance by biomineralization and its application for bisphenol A removal. <i>Journal of Hazardous Materials</i> , 2019 , 380, 120901	12.8	30
88	Green separation of bromelain in food sample with high retention of enzyme activity using recyclable aqueous two-phase system containing a new synthesized thermo-responsive copolymer and salt. <i>Food Chemistry</i> , 2019 , 282, 48-57	8.5	30

87	Recyclable Soluble/Insoluble Upper Critical Solution Temperature-type Poly(methacrylamide-co-acrylic acid)/Cellulase Biocatalyst for Hydrolysis of Cellulose into Glucose. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 7779-7788	8.3	29
86	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. <i>Food Chemistry</i> , 2016 , 190, 1130-1136	8.5	28
85	Thermal-responsive ion-imprinted polymer based on magnetic mesoporous silica SBA-15 for selective removal of Sr(II) from aqueous solution. <i>Colloid and Polymer Science</i> , 2015 , 293, 109-123	2.4	25
84	0D/2D heterojunction constructed by high-dispersity Mo-doped Ni ₂ P nanodots supported on g-C ₃ N ₄ nanosheets towards enhanced photocatalytic H ₂ evolution activity. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 22556-22566	6.7	23
83	Fabrication of a core-shell-shell magnetic polymeric microsphere with excellent performance for separation and purification of bromelain. <i>Food Chemistry</i> , 2019 , 283, 1-10	8.5	22
82	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. <i>Bioprocess and Biosystems Engineering</i> , 2018 , 41, 1051-1060	3.7	22
81	Application of Water-Miscible Alcohol-Based Aqueous Two-Phase Systems for Extraction of Dyes. <i>Separation Science and Technology</i> , 2011 , 46, 1283-1288	2.5	22
80	Mesoporous 3D/2D NiCoP/g-C ₃ N ₄ Heterostructure with Dual Co ^{II} and Ni ^{II} Bonding States for Boosting Photocatalytic H ₂ Production Activity and Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 12934-12943	8.3	22
79	A relay identification fluorescence probe for Fe and phosphate anion and its applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 172-179	4.4	21
78	The development of nanobiocatalysis via the immobilization of cellulase on composite magnetic nanomaterial for enhanced loading capacity and catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 692-700	7.9	21
77	HRP@ZIF-8/DNA Hybrids: Functionality Integration of ZIF-8 via Biomineralization and Surface Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14611-14620	8.3	21
76	Selective extraction and preconcentration of trace lead(II) in medicinal plant-based ionic liquid hollow fiber liquid phase microextraction system using dicyclohexyl-18-crown-6 as membrane carrier. <i>Analytical Methods</i> , 2015 , 7, 2339-2346	3.2	21
75	Horseradish peroxidase immobilized on the magnetic composite microspheres for high catalytic ability and operational stability. <i>Enzyme and Microbial Technology</i> , 2019 , 122, 26-35	3.8	21
74	Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. <i>Mikrochimica Acta</i> , 2014 , 181, 1455-1461	5.8	20
73	Fabrication of HRP/Bi ₂ WO ₆ photoenzyme-coupled artificial catalytic system for efficiently degrading bisphenol A. <i>Chinese Chemical Letters</i> , 2021 , 32, 2047-2051	8.1	20
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> , 2018 , 5, 1801297	4.6	20
71	Recyclable DNA-Derived Polymeric Sensor: Ultrasensitive Detection of Hg(II) Ions Modulated by Morphological Changes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40575-40584	9.5	19
70	The study of phase behavior of aqueous two-phase system containing [C _n mim]BF ₄ (n = 2,3,4) + (NH ₄) ₂ SO ₄ + H ₂ O at different temperatures. <i>Fluid Phase Equilibria</i> , 2014 , 383, 100-107	2.5	19

69	Liquid-Liquid Equilibria of Polyvinylpyrrolidone + Several Ammonium Salts + Water Aqueous Two-Phase Systems: Experimental and Correlation. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 3128-3135	2.8	19
68	A novel OFF-ON-OFF fluorescence probe based on coumarin for Al and F detection and bioimaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 211, 299-305	4.4	19
67	Liquid-Liquid equilibria of hydrophilic alcohol + sodium hydroxide + water systems: Experimental and correlation. <i>Thermochimica Acta</i> , 2013 , 566, 261-267	2.9	18
66	A coumarin based fluorescent probe for rapidly distinguishing of hypochlorite and copper (II) ion in organisms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 299-308	4.4	18
65	Process Integration of Production, Purification, and Immobilization of α -Glucosidase by Constructing Glu-linker-ELP-GB System. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 15620-15631	3.9	18
64	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	2.1	17
63	Extraction of trace acetylspiramycin in real aqueous environments using aqueous two-phase system of ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate and phosphate. <i>Open Chemistry</i> , 2010 , 8, 1185-1191	1.6	17
62	Novel Synthesis Strategy for Biocatalyst: Fast Purification and Immobilization of His- and ELP-Tagged Enzyme from Fermentation Broth. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 31878-31888	9.5	16
61	Bimetallic Manganese Cobalt Phosphide Nanodots-Modified Graphitic Carbon Nitride for High-Performance Hydrogen Production. <i>Energy Technology</i> , 2019 , 7, 1800927	3.5	16
60	A novel type of responsive double hydrophilic block copolymer-based multifunctional fluorescence chemosensor and its application in biological samples. <i>Sensors and Actuators B: Chemical</i> , 2017 , 250, 436-445	8.5	15
59	Recent research progress of bimetallic phosphides-based nanomaterials as cocatalyst for photocatalytic hydrogen evolution. <i>Chinese Chemical Letters</i> , 2021 ,	8.1	15
58	Cloud Point and Liquid-Liquid Equilibrium Behavior of Thermosensitive Polymer L61 and Salt Aqueous Two-Phase System. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8201-8	3.4	14
57	A facile one-step strategy to construct 0D/2D SnO ₂ /g-C ₃ N ₄ heterojunction photocatalyst for high-efficiency hydrogen production performance from water splitting. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 30142-30152	6.7	14
56	Optimization of partitioning process parameters of chloramphenicol in ionic liquid aqueous two-phase flotation using response surface methodology. <i>Journal of the Iranian Chemical Society</i> , 2013 , 10, 505-512	2	13
55	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 184, 177-183	4.4	13
54	Synthesis, characterization, and adsorption properties of a Ce(III)-imprinted polymer supported by mesoporous SBA-15 matrix by a surface molecular imprinting technique. <i>Canadian Journal of Chemistry</i> , 2014 , 92, 257-266	0.9	12
53	Immobilization of Horseradish Peroxidase on Multi-Armed Magnetic Graphene Oxide Composite: Improvement of Loading Amount and Catalytic Activity. <i>Food Technology and Biotechnology</i> , 2019 , 57, 260-271	2.1	12
52	A high efficiency method combining metal chelate ionic liquid-based aqueous two-phase flotation with two-step precipitation process for bromelain purification. <i>Food Chemistry</i> , 2020 , 309, 125749	8.5	12

51	Cloudy behavior and equilibrium phase behavior of triblock copolymer L64 + salt + water two-phase systems. <i>Fluid Phase Equilibria</i> , 2016 , 409, 439-446	2.5	11
50	Switch on/off of cellulase activity based on synergetic polymer pair system. <i>Biochemical Engineering Journal</i> , 2017 , 126, 1-7	4.2	11
49	Measurement and Correlation of Phase Equilibria in Aqueous Two-Phase Systems Containing Polyoxyethylene Cetyl Ether and Potassium Salt at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1193-1201	2.8	11
48	Microchip-Grafted P(NIPAAm-co-VPBA) with Thermoresponsive Boronate Affinity for Capture/Release of cis-Diol Biomolecules. <i>Chromatographia</i> , 2015 , 78, 157-162	2.1	10
47	Fabrication of 2D/0D Heterojunction Based on the Dual Controls of Micro/Nano-Morphology and Structure Towards High-Efficiency Photocatalytic H ₂ Production. <i>ChemCatChem</i> , 2019 , 11, 6263-6269	5.2	10
46	Liquid-liquid equilibrium of novel aqueous two-phase systems and evaluation of salting-out abilities of salts. <i>Open Chemistry</i> , 2010 , 8, 886-891	1.6	10
45	Synergetic effect of Ni and 5-acrylamidobenzoboroxole functional groups anchoring on magnetic nanoparticles for enhanced immobilization of horseradish peroxidase. <i>Enzyme and Microbial Technology</i> , 2019 , 120, 136-143	3.8	9
44	Optimization of separation and determination of chloramphenicol in food using aqueous two-phase flotation coupled with HPLC. <i>Journal of the Iranian Chemical Society</i> , 2014 , 11, 1775-1782	2	9
43	Construction of Nonmetallic p-n Heterojunction With Face-to-Face Structure for Drastically Enhanced Photocatalytic Performance. <i>ChemNanoMat</i> , 2019 , 5, 456-461	3.5	7
42	A new colorimetric and ratiometric probe for highly selective recognition and bioimaging of ClO ₂ and Al. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 232, 118154	4.4	7
41	Selective transport of cadmium(II) through hollow fiber-supported liquid membrane microextraction using diaza-18-crown-6 in ionic liquids as carrier. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 403-410	2	7
40	Mixed polymeric micelles as a multifunctional visual thermosensor for the rapid analysis of mixed metal ions with Al ³⁺ and Fe ³⁺ . <i>New Journal of Chemistry</i> , 2018 , 42, 12853-12864	3.6	7
39	Ionic liquid-based hollow fiber liquid-phase microextraction for the determination of trace lead (II) in environmental water and tea drinks samples by graphite furnace atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 371-377	2	7
38	Dual-frequency ultrasound-assisted alcohol/salt aqueous two-phase extraction and purification of Astragalus polysaccharides. <i>Journal of Food Process Engineering</i> , 2020 , 43, e13366	2.4	7
37	Recyclable aptamer-derived aqueous two-phase flotation for high-efficiency separation of mercury(II) ions modulated by aggregation states. <i>Separation and Purification Technology</i> , 2021 , 274, 118917	8.3	7
36	Cloud point behavior of thermosensitive triblock copolymer L61 in the presence of electrolytes. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 494-497	1.5	6
35	Phenylboronic acid-functionalized core-shell magnetic composite nanoparticles as a novel protocol for selective enrichment of fructose from a fructose-glucose aqueous solution. <i>New Journal of Chemistry</i> , 2017 , 41, 13399-13407	3.6	6
34	The fabrication of dendrimeric phenylboronic acid-functionalized magnetic graphene oxide nanoparticles with excellent adsorption performance for the separation and purification of horseradish peroxidase. <i>New Journal of Chemistry</i> , 2020 , 44, 5254-5264	3.6	6

33	Ultrathin Mesoporous Carbon Nitride Nanosheets Prepared Through a One-Pot Approach towards Enhanced Photocatalytic Activity. <i>Energy Technology</i> , 2020 , 8, 2000719	3.5	6
32	Doping effect of metalloids in graphitic carbon nitride molecular structure for significantly improved photocatalytic hydrogen production and photoelectric performance. <i>Renewable Energy</i> , 2020 , 157, 660-669	8.1	6
31	Facile synthesis and photocatalytic activity of a novel titanium dioxide nanocomposite coupled with zinc porphyrin. <i>Nanomaterials and Nanotechnology</i> , 2016 , 6, 184798041666948	2.9	6
30	A novel photon-enzyme cascade catalysis system based on hybrid HRP-CN/Cu ₃ (PO ₄) ₂ nanoflowers for degradation of BPA in water. <i>Chemical Engineering Journal</i> , 2022 , 427, 131808	14.7	6
29	An OFF-ON-OFF type fluorescent probe based on a naphthalene derivative for Al and F ions and its biological application. <i>Luminescence</i> , 2018 , 33, 15-21	2.5	5
28	Synthesis of a phenylboronic acid-functionalized thermosensitive block copolymer and its application in separation and purification of vicinal-diol-containing compounds. <i>RSC Advances</i> , 2016 , 6, 82309-82320	3.7	5
27	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, n/a-n/a	2.9	5
26	One-step separation and immobilization of his-tagged enzyme directly from cell lysis solution by biomimetic mineralization approach. <i>Biochemical Engineering Journal</i> , 2021 , 167, 107893	4.2	5
25	A novel cyclic non-ligand dual-cloud point extraction for the preconcentration of cadmium(II) through pH regulation in food and environmental matrices. <i>New Journal of Chemistry</i> , 2015 , 39, 9116-9123	3.6	4
24	Separation, purification of anthocyanin and vitis linn polysaccharide from grape juice by the two-step extraction and dialysis. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13344	2.1	4
23	Novel Fractional Purification Approach of Crude Polysaccharides via Boronic Acid-Tagged Thermoresponsive Triblock Copolymers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 17789-17798	8.3	4
22	Partitioning of Cephalexin in Ionic Liquid Aqueous Two-Phase System Composed of 1-Butyl-3-Methylimidazolium Tetrafluoroborate and ZnSO ₄ . <i>Journal of Chemistry</i> , 2013 , 2013, 1-5	2.3	4
21	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanol/H ₂ O aqueous two-phase system. <i>Separation Science and Technology</i> , 2016 , 1-9	2.5	4
20	Morphology-dependent intelligent biocatalysts with automatic functionality regulation for activity enhancement and controllable recycling. <i>Chemical Engineering Journal</i> , 2021 , 409, 127985	14.7	4
19	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	2	3
18	Intramolecular conjugated channel expansion achieved by doping cross-linked dopants into carbon nitride frameworks for propelling photocatalytic hydrogen evolution and mechanism insight. <i>Inorganic Chemistry Frontiers</i> ,	6.8	3
17	Dual-regulation effects of intramolecular doping and surface modification on carbon nitride towards efficient degradation of bisphenol A. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 623, 126724	5.1	3
16	A novel enhanced enrichment glucose oxidase@ZIF-8 biomimetic strategy with 3-mercaptophenylboronic acid for highly efficient catalysis of glucose. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112034	6	3

15	A mobile laboratory for rapid on-site analysis of catechols from water samples with real-time results production. <i>RSC Advances</i> , 2016 , 6, 80885-80895	3.7	2
14	Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12976	3.3	2
13	Construction of Multienzyme Co-immobilized Hybrid Nanoflowers for an Efficient Conversion of Cellulose into Glucose in a Cascade Reaction. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 7910-7921	5.7	2
12	Separation and purification of horseradish peroxidase from horseradish roots using a novel integrated method. <i>New Journal of Chemistry</i> , 2021 , 45, 1959-1966	3.6	2
11	Equilibrium phase behavior of aqueous two-phase systems containing 17R4/L64 and citrates. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 1388-1395	1.5	1
10	Liquid-Liquid Equilibrium of Imidazolium Ionic Liquids + Phosphate + Water Aqueous Two-Phase Systems and Correlation. <i>Journal of Solution Chemistry</i> , 2019 , 48, 1167-1187	1.8	1
9	Natural deep eutectic solvents as green and biocompatible reaction medium for carbonic anhydrase catalysis. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 206-213	7.9	1
8	Modulating the biofunctionality of enzyme-MOF nanobiocatalyst through structure-switching aptamer for continuous degradation of BPA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112099	6	1
7	A two-step method for the synthesis of magnetic immobilized cellulase with outstanding thermal stability and reusability. <i>New Journal of Chemistry</i> , 2021 , 45, 6144-6150	3.6	1
6	The Cloud Point Behaviors and the Liquid-Liquid Equilibrium of L31Inorganic Sodium Salt Aqueous Two-Phase Systems. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 777-783	1.5	0
5	The Cloud Point Behavior and Liquid-Liquid Equilibrium of Poly(Ethylene Glycol)Block-Poly(Propylene Glycol)Block-Poly(Ethylene Glycol) with Five Salting-Out Salts (K ₂ SO ₄ , K ₂ CO ₃ , KCl, KNO ₃ , KBr) at 283.15 K. <i>Journal of Solution Chemistry</i> , 2016 , 45, 1811-1825	1.8	0
4	Combination of aqueous two-phase flotation and inverse transition cycling: Strategies for separation and purification of recombinant β -glucosidase from cell lysis solution. <i>Food Chemistry</i> , 2021 , 131543	8.5	0
3	Fabrication of immobilized bromelain using cobalt phosphate material prepared in deep eutectic solvent as carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112251	6	0
2	Synergistic effect triggered by skeleton delocalization and edge induction of carbon nitride expedites photocatalytic hydrogen evolution. <i>Chemical Engineering Journal</i> , 2022 , 442, 136190	14.7	0
1	Rational design of hydrogen bonds for driving thermo-responsive phase transition and assembly behavior of block copolymer in water. <i>Polymer Chemistry</i> , 2022 , 13, 2674-2684	4.9	0