Liang Ni

List of Publications by Citations

139 papers	2,794 citations	32 h-index	41 g-index
140 ext. papers	3,331 ext. citations	5.2 avg, IF	5.37 L-index

#	Paper	IF	Citations
139	Construction 0D/2D heterojunction by highly dispersed Ni2P QDs loaded on the ultrathin g-C3N4 surface towards superhigh photocatalytic and photoelectric performance. *Applied Catalysis B: Environmental*, **2018**, 237, 919-926	21.8	78
138	Synthesis of hydrophilic surface ion-imprinted polymer based on graphene oxide for removal of strontium from aqueous solution. *Journal of Materials Chemistry A*, **2015**, 3, 1287-1297	13	77
137	Construction of stable Ta3N5/g-C3N4 metal/non-metal nitride hybrids with enhanced visible-light photocatalysis. *Applied Surface Science*, **2017**, 391, 392-403	6.7	58
136	Extraction and preliminary purification of anthocyanins from grape juice in aqueous two-phase system. *Separation and Purification Technology*, **2014**, 124, 170-178	8.3	58
135	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
134	Construction of TiO 2 hollow nanosphere/g-C 3 N 4 composites with superior visible-light photocatalytic activity and mechanism insight. *Journal of Industrial and Engineering Chemistry*, **2016**, 41, 130-140	6.3	55
133	Emerging applications of nanozymes in environmental analysis: Opportunities and trends. *TrAC - Trends in Analytical Chemistry*, **2019**, 120, 115653	14.6	52
132	Synthesis of hybrid hydrogel of poly(AM co DADMAC)/silica sol and removal of methyl orange from aqueous solutions. *Chemical Engineering Journal*, **2012**, 209, 194-200	14.7	51
131	Facile synthesis of novel photoresponsive mesoporous molecularly imprinted polymers for photo-regulated selective separation of bisphenol A. *Chemical Engineering Journal*, **2016**, 296, 437-446	14.7	51
130	Manipulation of charge transfer in vertically aligned epitaxial ferroelectric KNbO3 nanowire array photoelectrodes. *Nano Energy*, **2017**, 35, 92-100	17.1	49
129	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
128	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
127	Preparation high photocatalytic activity of CdS/halloysite nanotubes (HNTs) nanocomposites with hydrothermal method. *Applied Surface Science*, **2012**, 259, 698-704	6.7	49
126	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
125	A rapid-responsive fluorescent probe based on coumarin for selective sensing of sulfite in aqueous solution and its bioimaging by turn-on fluorescence signal. *Dyes and Pigments*, **2017**, 147, 357-363	4.6	41
124	Fabricating carbon quantum dots doped ZnIn 2 S 4 nanoflower composites with broad spectrum and enhanced photocatalytic Tetracycline hydrochloride degradation. *Materials Research Bulletin*, **2018**, 97, 158-168	5.1	40
123	TaN nanoparticles/TiO hollow sphere (0D/3D) heterojunction: facile synthesis and enhanced photocatalytic activities of levofloxacin degradation and H evolution. *Dalton Transactions*, **2018**, 47, 13113-13125	4.3	40

122	Synthesis of a novel ionic liquid modified copolymer hydrogel and its rapid removal of Cr (VI) from aqueous solution. *Journal of Colloid and Interface Science*, **2015**, 455, 125-33	9.3	37
121	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
120	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
119	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
118	Construction of amorphous Ta2O5/g-C3N4 nanosheet hybrids with superior visible-light photoactivities for organic dye degradation and mechanism insight. *Separation and Purification Technology*, **2016**, 170, 10-21	8.3	36
117	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
116	Fluorescent and colorimetric detection of Fe(III) and Cu(II) by a difunctional rhodamine-based probe. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 183, 291-297	4.4	35
115	Preparation of a Two-Dimensional Ion-Imprinted Polymer Based on a Graphene Oxide/SiO Composite for the Selective Adsorption of Nickel Ions. *Langmuir*, **2015**, 31, 8841-51	4	35
114	A smartphone-based colorimetric reader coupled with a remote server for rapid on-site catechols analysis. *Talanta*, **2016**, 160, 194-204	6.2	35
113	RAFT-mediated microemulsion polymerization to synthesize a novel high-performance graphene oxide-based cadmium imprinted polymer. *Chemical Engineering Journal*, **2016**, 302, 609-618	14.7	33
112	Liquid–liquid 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
111	Equilibrium and kinetic studies of C.I. Basic Blue 41 adsorption onto N, F-codoped flower-like TiO2 microspheres. *Applied Surface Science*, **2013**, 273, 448-456	6.7	33
110	Electrospun polyvinyl alcohol/chitosan composite nanofibers involving Au nanoparticles and their in vitro release properties. *Materials Science and Engineering C*, **2013**, 33, 461-5	8.3	33
109	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
108	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
107	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
106	A novel dual temperature responsive mesoporous imprinted polymer for Cd(II) adsorption and temperature switchable controlled separation and regeneration. *Chemical Engineering Journal*, **2017**, 328, 11-24	14.7	31
105	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

104	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
103	Recyclable non-ligand dual cloud point extraction method for determination of lead in food samples. *Food Chemistry*, **2016**, 190, 1130-1136	8.5	28
102	Highly sensitive and specific colorimetric detection of phosphate by using Zr(IV) to synergistically suppress the peroxidase-mimicking activity of hydrophilic Fe3O4 nanocubes. *Sensors and Actuators B: Chemical*, **2019**, 297, 126822	8.5	28
101	(Liquid+liquid) equilibria and extraction capacity of (imidazolium ionic liquids+potassium tartrate) aqueous two-phase systems. *Journal of Molecular Liquids*, **2014**, 193, 23-28	6	27
100	Synthesis of thermal-responsive photocatalysts by surface molecular imprinting for selective degradation of tetracycline. *RSC Advances*, **2013**, 3, 26334	3.7	27
99	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
98	Rapid detection of hypochlorite by a coumarin-based hydrazide in aqueous solution and its application in live-cell imaging. *Sensors and Actuators B: Chemical*, **2018**, 255, 1112-1118	8.5	25
97	Efficient static and dynamic removal of Sr(II) from aqueous solution using chitosan ion-imprinted polymer functionalized with dithiocarbamate. *Journal of Environmental Chemical Engineering*, **2015**, 3, 1061-1071	6.8	24
96	Selective Ce(III) ion-imprinted polymer grafted on Fe3O4 nanoparticles supported by SBA-15 mesopores microreactor via surface-initiated RAFT polymerization. *Microporous and Mesoporous Materials*, **2016**, 234, 176-185	5.3	24
95	A fluorescent chemosensor for Cu2+ ions and its application in cell imaging. *Tetrahedron*, **2017**, 73, 1367–1373	2.4	23
94	Sustainable visible-light-driven Z-scheme porous Zn3(VO4)2/g-C3N4 heterostructure toward highly photoredox pollutant and mechanism insight. *Journal of the Taiwan Institute of Chemical Engineers*, **2017**, 78, 517-529	5.3	23
93	Synthesis and application of 8-hydroxyquinoline modified magnetic mesoporous carbon for adsorption of multivariate metal ions from aqueous solutions. *Journal of Industrial and Engineering Chemistry*, **2015**, 21, 340-349	6.3	22
92	Immobilization of cellulase on thermo-sensitive magnetic microspheres: improved stability and reproducibility. *Bioprocess and Biosystems Engineering*, **2018**, 41, 1051-1060	3.7	22
91	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
90	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
89	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
88	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
87	Tri-functional Fe-Zr bi-metal-organic frameworks enable high-performance phosphate ion ratiometric fluorescent detection. *Nanoscale*, **2020**, 12, 19383-19389	7.7	21

86	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
85	Hollow fiber liquid-phase microextraction of cadmium(II) using an ionic liquid as the extractant. *Mikrochimica Acta*, **2014**, 181, 1455-1461	5.8	20
84	Preparation and characterization of ternary magnetic g-C 3 N 4 composite photocatalysts for removal of tetracycline under visible light. *Chinese Journal of Catalysis*, **2017**, 38, 447-457	11.3	19
83	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
82	Synergistically enhanced peroxidase-like activity of Pd nanoparticles dispersed on CeO2 nanotubes and their application in colorimetric sensing of sulfhydryl compounds. *Journal of Materials Science*, **2018**, 53, 13912-13923	4.3	19
81	Recyclable DNA-Derived Polymeric Sensor: Ultrasensitive Detection of Hg(II) Ions Modulated by Morphological Changes. *ACS Applied Materials & Interfaces*, **2019**, 11, 40575-40584	9.5	19
80	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. *Fluid Phase Equilibria*, **2014**, 383, 100-107	2.5	19
79	Synthesis, structures and fluorescent properties of two novel lanthanide [Ln□□Ce(III), Pr(III)] coordination polymers based on 1,3-benzenedicarboxylate and 2-(4-methoxyphenyl)-1H-imidazo[4,5-f][1,10]phenanthroline ligands. *Solid State Sciences*, **2012**, 14, 1361-1366	3.4	19
78	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
77	Composition and Free Radical Scavenging Activity of Kernel Oil from Torreya grandis, Carya Cathayensis, and Myrica R ubra. *Iranian Journal of Pharmaceutical Research*, **2014**, 13, 221-6	1.1	19
76	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
75	Preparation of core□shell ion imprinted nanoparticles via photoinitiated polymerization at ambient temperature for dynamic removal of cobalt in aqueous solution. *RSC Advances*, **2015**, 5, 85691-85704	3.7	18
74	Synthesis of Novel High Flux Thin-Film Nanocomposite Nanofiltration Membranes Containing GO□SiO2 via Interfacial Polymerization. *Industrial & Engineering Chemistry Research*, **2019**, 58, 22324-22333	3.9	18
73	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
72	Plasmon enhanced upconverting core@triple-shell nanoparticles as recyclable panchromatic initiators (blue to infrared) for radical polymerization. *Nanoscale Horizons*, **2019**, 4, 907-917	10.8	17
71	Effect of metal ion (Zn2+, Bi3+, Cr3+, and Ni2+)-doped CdS/halloysite nanotubes (HNTs) photocatalyst for the degradation of tetracycline under visible light. *Desalination and Water Treatment*, **2015**, 53, 794-805		17
70	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
69	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

68	CdIn2S4 surface-decorated Ta3N5 core-shell heterostructure for improved spatial charge transfer: In-situ growth, synergistic effect and efficient dual-functional photocatalytic performance. *Applied Surface Science*, **2019**, 487, 1084-1095	6.7	16
67	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
66	A modeling study by response surface methodology (RSM) on Sr(II) ion dynamic adsorption optimization using a novel magnetic ion imprinted polymer. *RSC Advances*, **2016**, 6, 54679-54692	3.7	16
65	Simultaneous aqueous two-phase extraction and saponification reaction of chlorophyll from silkworm excrement. *Separation and Purification Technology*, **2013**, 115, 51-56	8.3	16
64	Hydrothermal Syntheses and Crystal Structures of Two Coordination Polymers with Terephthalic Acid and N-Donor Ligand: 2-Methyldipyrido[3,2-f:2?,3?-h]quinoxaline. *Journal of Inorganic and Organometallic Polymers and Materials*, **2011**, 21, 97-102	3.2	16
63	A novel type of responsive double hydrophilic block copolymer-based multifunctional fluorescence chemosensor and its application in biological samples. *Sensors and Actuators B: Chemical*, **2017**, 250, 436-445	8.5	15
62	Z-scheme CdIn2S4/BiOCl nanosheet face-to-face heterostructure: in-situ synthesis and enhanced interfacial charge transfer for high-efficient photocatalytic performance. *Journal of Materials Science*, **2019**, 54, 9573-9590	4.3	15
61	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
60	Synthesis of novel ion-imprinted polymers by two different RAFT polymerization strategies for the removal of Cs(I) from aqueous solutions. *RSC Advances*, **2015**, 5, 12517-12529	3.7	14
59	Synthesis of cauliflower-like ZnO□TiO2 composite porous film and photoelectrical properties. *Applied Surface Science*, **2011**, 257, 6583-6589	6.7	14
58	A molecularly imprinted polymer placed on the surface of graphene oxide and doped with Mn(II)-doped ZnS quantum dots for selective fluorometric determination of acrylamide. *Mikrochimica Acta*, **2017**, 185, 48	5.8	14
57	Syntheses, structures, fluorescent properties and natural bond orbital analyses of metal□organic complexes based on 5,6-substituted 1,10-phenanthroline derivatives. *Polyhedron*, **2013**, 59, 115-123	2.7	13
56	Synthesis of Flower-like Zinc Oxalate Microspheres in Ether-water Bilayer Refluxing Systems and Their Conversion to Zinc Oxide Microspheres. *Journal of Materials Science and Technology*, **2011**, 27, 563-569	9.1	13
55	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
54	Monodisperse magnetic ion imprinted polymeric microparticles prepared by RAFT polymerization based on □Fe2O3@meso-SiO2 nanospheres for selective solid-phase extraction of Cu(II) in water samples. *RSC Advances*, **2015**, 5, 52369-52381	3.7	12
53	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
52	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
51	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

50	Preparation of High Surface Area Oxidized Activated Carbon from Peanut Shell and Application for the Removal of Organic Pollutants and Heavy Metal Ions. *Water, Air, and Soil Pollution*, **2018**, 229, 1	2.6	12
49	Eco-friendly synthesis of core/shell ZnIn2S4/Ta3N5 heterojunction for strengthened dual-functional photocatalytic performance. *International Journal of Hydrogen Energy*, **2020**, 45, 30341-30356	6.7	11
48	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
47	Switch on/off of cellulase activity based on synergetic polymer pair system. *Biochemical Engineering Journal*, **2017**, 126, 1-7	4.2	11
46	Tailor-made ion-imprinted polymer based on functionalized graphene oxide for the preconcentration and determination of trace copper in food samples. *Journal of Separation Science*, **2016**, 39, 1371-8	3.4	11
45	Synthesis of a Ni(II) ion imprinted polymer based on macroporous–mesoporous silica with enhanced dynamic adsorption capacity: optimization by response surface methodology. *New Journal of Chemistry*, **2016**, 40, 3821-3832	3.6	10
44	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
43	Synthesis, structures, and fluorescence properties of two lanthanide [Ln = Sm(III), Nd(III)] coordination polymers. *Journal of Coordination Chemistry*, **2012**, 65, 1475-1483	1.6	10
42	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
41	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
40	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
39	Superior Adsorption Performance of Mesoporous Carbon Nitride for Methylene Blue and the Effect of Investigation of Different Modifications on Adsorption Capacity. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	7
38	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
37	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
36	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
35	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
34	Synthesis, Structures, Fluorescence Properties, and Natural Bond Orbital (NBO) Analysis of Two Metal [EuIII, CoII] Coordination Polymers Containing 1, 3-Benzenedicarboxylate and 2-(4-methoxyphenyl)-1H-imidazo[4, 5-f][1, 10]phenanthroline Ligands. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 224-230	1.3	7
33	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

32	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
31	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
30	Assembly and photocatalysis of three novel metal–organic frameworks tuned by metal polymeric motifs. *Journal of Coordination Chemistry*, **2015**, 68, 2014-2028	1.6	6
29	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
28	Structure Variation from One-Dimensional Chain to Three-Dimensional Architecture: Effect of Ligand on Construction of Lanthanide Coordination Polymers. *Journal of Chemical Sciences*, **2017**, 129, 271-280	1.8	5
27	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
26	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
25	Separation and determination of tetracycline hydrochloride in real water samples using binary small molecule alcohol-salt aqueous two-phase system coupled with high-performance liquid chromatography. *Chirality*, **2019**, 31, 658-668	2.1	5
24	Synthesis of AMIMCl/AM Copolymer Hydrogel and its Adsorption Effect on Permanganate Anion. *Separation Science and Technology*, **2014**, 49, 915-923	2.5	5
23	Separation/Extraction/Detection of Chloramphenicol Using Binary Small Molecule Alcohol-Salt Aqueous Two-phase System Coupled with High-performance Liquid Chromatography. *Chemical Research in Chinese Universities*, **2019**, 35, 209-215	2.2	4
22	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
21	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
20	Construction of the rapid spatial charge migration core/shell heterostructure by ZnIn2S4 nanosheet-surface-loaded Bi2O3 for improved photooxidative performance. *Journal of Materials Science*, **2020**, 55, 14211-14228	4.3	4
19	Combined process of reaction, extraction, and purification of lutein in marigold flower by isopropanol–KOH 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	Construction and comparison of BSA-stabilized functionalized GQD composite fluorescent probes for selective trypsin detection. *New Journal of Chemistry*, **2018**, 42, 17718-17724	3.6	4
16	Heat-induced coacervation for purification of Lycium barbarum polysaccharide based on amphiphilic polymer–protein complex formation. *Canadian Journal of Chemistry*, **2017**, 95, 837-844	0.9	3
15	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

14	The cloud point and the liquid-liquid equilibrium behaviors of L31 L61-K2CO3 C4H4O6K2 aqueous two-phase systems at different temperatures. *Fluid Phase Equilibria*, **2016**, 425, 57-64	2.5	3
13	Gross NO Production Process, Not Consumption, Determines the Temperature Sensitivity of Net NO Emission in Arable Soil Subject to Different Long-Term Fertilization Practices. *Frontiers in Microbiology*, **2020**, 11, 745	5.7	2
12	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
11	Preparation of dendritic polymer-based magnetic carrier for application of bromelain separation and purification. *Journal of Food Biochemistry*, **2019**, 43, e12976	3.3	2
10	Evolution of ZnO architecture on a nanoporous TiO2film by a hydrothermal method and the photoelectrochemical performance. *Journal of Semiconductors*, **2011**, 32, 033005	2.3	2
9	Phase Behavior of Aqueous Two-Phase Systems Composed by 1-Allyl-3-methylimidazolium Chloride and Aqueous Potassium Salts at Various Temperatures. *Journal of Chemical & Engineering Data* , **2016**, 61, 3698-3703	2.8	2
8	Adsorption for perfluorooctanoic acid with graphitic-phase carbon nitride and its HPLC fluorescence determination. *Canadian Journal of Chemical Engineering*, **2020**, 98, 394-403	2.3	2
7	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
6	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
5	Syntheses, Structures and Fluorescent Properties of Lead(II) Complexes Based on 5,6-Substituted 1,10-Phenanthroline Derivatives and Benzene Dicarboxylic Acids. *Journal of Inorganic and Organometallic Polymers and Materials*, **2014**, 24, 954-962	3.2	1
4	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
3	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
2	Syntheses, Crystal Structures, and Fluorescence Properties of Two Transition Metal-Organic Coordination Polymers Based on 4,4?-Dimethyl-2,2?-bipyridine. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 2301-2306	1.3	
1	A magic eggshell: Cu2+ reacts with S2– to produce metal Cu, rather than CuS. *Science Bulletin*, **2010**, 55, 1851-1853		