Jide Wang

List of Publications by Year
in descending order

157	3,296	147801	233421
papers	citations	31 h-index	45 g-index

158	158	158	4511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ironâ€Based Metalâ€“Organic Frameworks as Catalysts for Visible Lightâ€Driven Water Oxidation. Small, 2016, 12, 1351-1358.	10.0	136
2	Promotion effects of halloysite nanotubes on catalytic activity of Co3O4 nanoparticles toward reduction of 4-nitrophenol and organic dyes. Journal of Hazardous Materials, 2021, 403, 123870.	12.4	86
3	A general and efficient approach for tuning the crystal morphology of classical MOFs. Chemical Communications, 2018, 54, 252-255.	4.1	85
4	Synthesis and microwave modification of CuO nanoparticles: Crystallinity and morphological variations, catalysis, and gas sensing. Journal of Colloid and Interface Science, 2014, 435, 34-42.	9.4	72
5	Synthesis and characterization of a porous and hydrophobic cellulose-based composite for efficient and fast oilâ€water separation. Carbohydrate Polymers, 2016, 140, 188-194.	10.2	66
6	Progress in quantitative analysis of plant hormones. Science Bulletin, 2011, 56, 355-366.	1.7	65
7	Room temperature and aqueous synthesis of bimetallic ZIF derived CoNi layered double hydroxides and their applications in asymmetric supercapacitors. Journal of Colloid and Interface Science, 2020, 579, 195-204.	9.4	65
8	Hollow shell-in-shell Ni₃S₄@Co₉S₈ tubes derived from coreâ€“shell Ni-MOF-74@Co-MOF-74 as efficient faradaic electrodes. CrystEngComm, 2018, 20, 889-895.	2.6	61
9	Novel approach for synthesis of boehmite nanostructures and their conversion to aluminum oxide nanostructures for remove Congo red. Journal of Colloid and Interface Science, 2015, 452, 116-125.	9.4	60
10	Synthesis of coreâ€“shell ZIF-67@Co-MOF-74 catalyst with controllable shell thickness and enhanced photocatalytic activity for visible light-driven water oxidation. CrystEngComm, 2018, 20, 7659-7665.	2.6	59
11	Bamboo-like nitrogen-doped porous carbon nanofibers encapsulated nickelâ€“cobalt alloy nanoparticles composite material derived from the electrospun fiber of a bimetalâ€“organic framework as efficient bifunctional oxygen electrocatalysts. Nanoscale, 2020, 12, 5942-5952.	5.6	59
12	Reduced graphene oxide anchored with zinc oxide nanoparticles with enhanced photocatalytic activity and gas sensing properties. RSC Advances, 2014, 4, 60253-60259.	3.6	58
13	2-Methylimidazole as a nitrogen source assisted synthesis of a nano-rod-shaped Fe/FeN@N-C catalyst with plentiful FeN active sites and enhanced ORR activity. Applied Surface Science, 2020, 533, 147481.	6.1	54
14	Preparation of double-doped BaCeO₃and its application in the synthesis of ammonia at atmospheric pressure. Science and Technology of Advanced Materials, 2007, 8, 566-570.	6.1	50
15	MOFs derived carbon nanotubes coated CoNi alloy nanocomposites with N-doped rich-defect and abundant cavity structure as efficient trifunctional electrocatalyst. Applied Surface Science, 2021, 536, 147786.	6.1	50
16	Synthesis of nano-TiO₂-decorated MoS₂ nanosheets for lithium ion batteries. New Journal of Chemistry, 2015, 39, 683-688.	2.8	48
17	Porous nanotubes derived from a metal-organic framework as high-performance supercapacitor electrodes. Ceramics International, 2016, 42, 3121-3129.	4.8	47
18	2-Methylimidazole-assisted synthesis of a two-dimensional MOF-5 catalyst with enhanced catalytic activity for the Knoevenagel condensation reaction. CrystEngComm, 2018, 20, 5327-5331.	2.6	47

#	Article	IF	Citations
19	From spindle-like Î²-FeOOH nanoparticles to Î±-Fe2O3 polyhedral crystals: shape evolution, growth mechanism and gas sensing property. CrystEngComm, 2013, 15, 7250.	2.6	46
20	Preparation of Concanavalin A-Chelating Magnetic Nanoparticles for Selective Enrichment of Glycoproteins. Analytical Chemistry, 2015, 87, 6849-6853.	6.5	43
21	Chlorine dioxide treatment decreases respiration and ethylene synthesis in freshâ€cut â€˜<scp>H</scp>amiâ€™ melon fruit. International Journal of Food Science and Technology, 2013, 48, 1775-1782.	2.7	38
22	Bimetallic Pd-K/Y-zeolite catalyst in acetylene hydrochlorination for PVC production. Reaction Kinetics, Mechanisms and Catalysis, 2015, 114, 725-734.	1.7	38
23	Nanoscale cobalt metalâ€“organic framework as a catalyst for visible light-driven and electrocatalytic water oxidation. New Journal of Chemistry, 2016, 40, 3032-3035.	2.8	38
24	Hydrochlorination of acetylene to vinyl chloride over Pd supported on zeolite Y. Reaction Kinetics, Mechanisms and Catalysis, 2013, 110, 187-194.	1.7	36
25	Catalytic properties of Pd/HY catalysts modified with NH4F for acetylene hydrochlorination. Catalysis Communications, 2015, 65, 41-45.	3.3	36
26	Synthesis of TiO2â€“WO3 nanocomposites as highly sensitive benzene sensors and high efficiency adsorbents. Journal of Materials Chemistry, 2012, 22, 13914.	6.7	35
27	An efficient approach for enhancing the catalytic activity of Ni-MOF-74 via a relay catalyst system for the selective oxidation of benzylic Câ€“H bonds under mild conditions. Chemical Communications, 2018, 54, 3701-3704.	4.1	35
28	The swelling behaviors and network parameters of cationic starchâ€gâ€acrylic acid/poly(dimethyldiallylammonium chloride) semiâ€interpenetrating polymer networks hydrogels. Journal of Applied Polymer Science, 2008, 110, 1828-1836.	2.6	34
29	pH/temperature double responsive behaviors and mechanical strength of laponite-crosslinked poly(DEA-co -DMAEMA) nanocomposite hydrogels. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 876-884.	2.1	34
30	A unique thermo-induced gel-to-gel transition in a pH-sensitive small-molecule hydrogel. Scientific Reports, 2017, 7, 8459.	3.3	34
31	Synergistic Catalysis of Co(OH)2/CuO for the Degradation of Organic Pollutant Under Visible Light Irradiation. Scientific Reports, 2020, 10, 1939.	3.3	34
32	Structural evolution of a metalâ€“organic framework and derived hybrids composed of metallic cobalt and copper encapsulated in nitrogen-doped porous carbon cubes with high catalytic performance. CrystEngComm, 2017, 19, 64-71.	2.6	33
33	Effect of the anionic-group/cationic-group ratio on the swelling behavior and controlled release of agrochemicals of the amphoteric, superabsorbent polymer poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 177 Td (acid-co	2.6	33
34	Magnetic Fe₃O₄-encapsulated VAN@MIL-101(Fe) with mixed-valence sites and mesoporous structures as efficient bifunctional water splitting photocatalysts. Nanoscale, 2020, 12, 12551-12560.	5.6	32
35	Zirconium(IV) functionalized magnetic nanocomposites for extraction of organophosphorus pesticides from environmental water samples. Journal of Chromatography A, 2016, 1456, 49-57.	3.7	31
36	Facile preparation of UiO-66 /PAM monoliths via CO₂-in-water HIPEs and their applications. RSC Advances, 2018, 8, 32358-32367.	3.6	31

#	Article	IF	Citations
37	Preparation and characteristic of electric stimuli responsive hydrogel composed of polyvinyl alcohol/poly (sodium maleateâ€coâ€sodium acrylate). Journal of Applied Polymer Science, 2008, 107, 391-395.	2.6	30
38	Non-mercury catalytic acetylene hydrochlorination over a NH₄Fâ€“urea-modified Pd/HY catalyst for vinyl chloride monomer production. New Journal of Chemistry, 2016, 40, 3019-3023.	2.8	30
39	Highâ€Performance Composite Monolith Synthesized via HKUSTâ€1 Stabilized HIPEs and Its Adsorptive Properties. Macromolecular Materials and Engineering, 2018, 303, 1800426.	3.6	30
40	Co@Co₃O₄ Prepared in Situ from Metallic Co as an Efficient Semiconductor Catalyst for Photocatalytic Water Oxidation. ACS Sustainable Chemistry and Engineering, 2018, 6, 8300-8307.	6.7	30
41	Enhanced stability of hydrochlorination of acetylene using polyaniline-modified Pd/HY catalysts. Catalysis Communications, 2016, 74, 55-59.	3.3	27
42	Efficient Co@CoO core-shell nanocrystals as catalysts for visible-light-driven water oxidation. Applied Catalysis B: Environmental, 2017, 210, 67-76.	20.2	27
43	2-Methylimidazole-Assisted Synthesis of Nanosized Cu₃(BTC)₂ for Controlling the Selectivity of the Catalytic Oxidation of Styrene. ACS Applied Nano Materials, 2018, 1, 5289-5296.	5.0	27
44	Determination of Nitrofuran Metabolites in Fish by Ultraperformance Liquid Chromatography-Photodiode Array Detection with Thermostatic Ultrasound-Assisted Derivatization. ACS Omega, 2020, 5, 18887-18893.	3.5	26
45	Controlled synthesis of CoO/C and Co/C nanocomposites via a molten salt method and their lithium-storage properties. New Journal of Chemistry, 2016, 40, 2722-2729.	2.8	25
46	Zinc cobalt bimetallic nanoparticles embedded in porous nitrogen-doped carbon frameworks for the reduction of nitro compounds. Journal of Materials Research, 2017, 32, 1777-1786.	2.6	25
47	One-pot preparation of ultrastrong double network hydrogels. Journal of Polymer Research, 2012, 19, 1.	2.4	24
48	Novel approach for the synthesis of Mg(OH)₂ nanosheets and lamellar MgO nanostructures and their ultra-high adsorption capacity for Congo red. Journal of Materials Research, 2015, 30, 1639-1647.	2.6	24
49	Self-Assembly of Channel Type Î²-CD Dimers Induced by Dodecane. Scientific Reports, 2015, 4, 7533.	3.3	24
50	Adenine-assisted synthesis of functionalized F-Mn-MOF-74 as an efficient catalyst with enhanced catalytic activity for the cycloaddition of carbon dioxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 597, 124781.	4.7	24
51	CdS(ZB)/CdS(WZ)/Ni-BTC photocatalytic selective oxidation of benzyl alcohol to benzaldehyde coupled with hydrogen evolution. Applied Surface Science, 2022, 571, 151284.	6.1	24
52	Preparation and swelling behavior of amphoteric superabsorbent composite with semi-IPN composed of poly(acrylic acid)/Ca-bentonite/poly(dimethyldiallylammonium chloride). Polymers for Advanced Technologies, 2007, 18, 194-199.	3.2	23
53	Synthesis and properties of a novel double network nanocomposite hydrogel. Polymers for Advanced Technologies, 2009, 20, 645-649.	3.2	23
54	MOF derived porous Co@C hexagonal-shaped prisms with high catalytic performance. Journal of Materials Research, 2016, 31, 3069-3077.	2.6	23

#	Article	IF	Citations
55	Ag2O/sodium alginate supramolecular hydrogel as a film photocatalyst for removal of organic dyes in wastewater. RSC Advances, 2017, 7, 15077-15083.	3.6	22
56	Efficient selective catalytic oxidation of benzylic C H bonds by ZIF-67 under eco-friendly conditions. Molecular Catalysis, 2017, 440, 168-174.	2.0	22
57	Salt and pH responsive property of a starch-based amphoteric superabsorbent hydrogel with quaternary ammonium and carboxyl groups (II). Journal of Applied Polymer Science, 2006, 101, 1995-1999.	2.6	21
58	Humate-assisted Synthesis of MoS2/C Nanocomposites via Co-Precipitation/Calcination Route for High Performance Lithium Ion Batteries. Nanoscale Research Letters, 2018, 13, 129.	5.7	21
59	Photocatalytic activity and adsorption performance of p-CuBi2O4/n-TiO2 pâ€“n heterojunction composites prepared by in situ solâ€“gel coating method. Journal of Sol-Gel Science and Technology, 2014, 71, 38-42.	2.4	20
60	Tuning morphology and mechanical property of polyacrylamide/Laponite/titania dual nanocomposite hydrogels by titania. Polymer Composites, 2019, 40, E466.	4.6	20
61	Construction of planar-type defect-engineered metalâ€“organic frameworks with both mixed-valence sites and copper-ion vacancies for photocatalysis. Journal of Materials Chemistry A, 2020, 8, 24477-24485.	10.3	20
62	Effects of different defective linkers on the photocatalytic properties of Cu-BTC for overall water decomposition. Applied Catalysis B: Environmental, 2022, 303, 120888.	20.2	20
63	Photocatalytic performance and mechanism of hydrogen evolution from water over ZnCdS/Co@CoO in sacrificial agent-free system. International Journal of Hydrogen Energy, 2022, 47, 25289-25299.	7.1	20
64	A facile approach to prepare strong poly(acrylic acid)/LAPONITEÂ® ionic nanocomposite hydrogels at high clay concentrations. RSC Advances, 2015, 5, 60152-60160.	3.6	19
65	Identification of homogeneous [Co4(H2O)4(HPMIDA)2(PMIDA)2]6â^' as an effective molecular-light-driven water oxidation catalyst. Applied Catalysis B: Environmental, 2017, 202, 397-403.	20.2	19
66	MOF-driven ultra-small hollow Co₉S₈ nanoparticles embedded in porous carbon for lithium-ion batteries. Journal of Materials Research, 2018, 33, 1496-1505.	2.6	19
67	Friedelâ€Crafts Alkylation of Indoles with Nitroalkenes Catalyzed by Zn(II)â€Thiourea Complex. Chinese Journal of Chemistry, 2012, 30, 311-315.	4.9	18
68	Dualâ€template magnetic molecularly imprinted particles with multiâ€hollow structure for the detection of dicofol and chlorpyrifosâ€methyl. Journal of Separation Science, 2016, 39, 2388-2395.	2.5	18
69	Affinityâ€tuned peroxidaseâ€like activity of hydrogelâ€supported <scp>Fe₃O₄</scp> nanozyme through alteration of crosslinking concentration. Journal of Applied Polymer Science, 2016, 133, .	2.6	18
70	Direct determination of creatinine based on poly(ethyleneimine)/phosphotungstic acid multilayer modified electrode. Talanta, 2016, 151, 114-118.	5.5	18
71	Bi/AC modified with phosphoric acid as catalyst in the hydrochlorination of acetylene. RSC Advances, 2017, 7, 7567-7575.	3.6	18
72	Space-confined growth of layered basic zinc acetate nanosheets and their orderly fragmented ZnO nanoparticles on clay platelets. Journal of Hazardous Materials, 2019, 371, 213-223.	12.4	18

#	Article	IF	Citations
73	Controlled loading and release of methylene blue from LbL polyurethane/poly(acrylic acid) film. Polymers for Advanced Technologies, 2012, 23, 1283-1286.	3.2	17
74	Synthesis of amphoteric nanocomposite hydrogels with ultrahigh tensibility. Polymer Composites, 2015, 36, 538-544.	4.6	17
75	Palladium-halloysite nanocomposites as an efficient heterogeneous catalyst for acetylene hydrochlorination. Journal of Materials Research and Technology, 2021, 13, 2055-2065.	5.8	17
76	Preparation and mechanical properties of a transparent ionic nanocomposite hydrogel. Journal of Polymer Research, 2014, 21, 1.	2.4	16
77	Components, Antioxidant and Antibacterial Activity of Tomato Seed Oil. Food Science and Technology Research, 2014, 20, 1-6.	0.6	16
78	Magnetic porous carbon derived from Zn/Co metalâ€“organic framework as an adsorbent for extraction and determination of carbamates. Mikrochimica Acta, 2020, 187, 507.	5.0	16
79	Mechanically strengthened double network composite hydrogels with high water content: a preliminary study. Journal of Polymer Research, 2011, 18, 1131-1136.	2.4	15
80	Layerâ€byâ€layer assembly of poly(allylamine hydrochloride)/polyurethane and its loading and release behavior for methylene orange. Journal of Applied Polymer Science, 2013, 129, 2070-2075.	2.6	15
81	Zn 1,3,5-benzenetricarboxylate as an efficient catalyst for the synthesis of cyclic carbonates fromÂCO₂. RSC Advances, 2018, 8, 9192-9201.	3.6	15
82	Magnetic mesoporous material derived from MIL-88B modified by l-alanine as modified QuEChERS adsorbent for the determination of 6 pesticide residues in 4 vegetables by UPLC-MS/MS. Food Chemistry, 2022, 384, 132325.	8.2	15
83	Sandwich-like Polypyrrole/Reduced Graphene Oxide Nanosheets Integrated Gelatin Hydrogel as Mechanically and Thermally Sensitive Skinlike Bioelectronics. ACS Sustainable Chemistry and Engineering, 0, , .	6.7	14
84	Dimethylimidazole and dicyandiamide assisted synthesized rich-defect and highly dispersed CuCo-Nx anchored hollow graphite carbon nanocages as efficient trifunctional electrocatalyst in the same electrolyte. Journal of Power Sources, 2022, 517, 230721.	7.8	14
85	Adsorption Behavior of Acid Yellow G by Highly-Crosslinked Amphoteric Starch. Journal of Polymer Research, 2006, 13, 91-95.	2.4	13
86	A pH-sensitive porous chitosan membrane prepared via surface grafting copolymerization in supercritical carbon dioxide. Polymer International, 2015, 64, 383-388.	3.1	13
87	Cation Tuning toward the Inference of the Gelation Behavior of Supramolecular Gels. Scientific Reports, 2016, 6, 25390.	3.3	13
88	Au nanoparticle-doped Co₃O₄â€“CoFe₂O₄@SiO₂ as a catalyst for visible-light-driven water oxidation. New Journal of Chemistry, 2018, 42, 14757-14765.	2.8	13
89	High-Efficiency Bimetallic Catalyst Prepared in Situ from Prussian Blue Analogues for Catalytic Water Oxidation. Industrial & Engineering Chemistry Research, 2019, 58, 2835-2845.	3.7	13
90	Non-mercury catalytic acetylene hydrochlorination over Bi/CNTs catalysts for vinyl chloride monomer production. Journal of Materials Research and Technology, 2020, 9, 14961-14968.	5.8	13

#	Article	IF	Citations
91	DMAEMA-grafted cellulose as an imprinted adsorbent for the selective adsorption of 4-nitrophenol. Cellulose, 2021, 28, 6481.	4.9	13
92	pH responsive vesicles with tunable size formed by single-tailed surfactants with a dendritic headgroup. RSC Advances, 2017, 7, 22079-22085.	3.6	12
93	Acetylene hydrochlorination over boron-doped Pd/HY zeolite catalysts. RSC Advances, 2019, 9, 30335-30339.	3.6	12
94	<scp>MOF</scp>â€derived nickelâ"cobalt bimetal oxide nanostructures as a cooperative catalyst for the reduction of 4â€nitrophenol. Journal of Chemical Technology and Biotechnology, 2021, 96, 697-703.	3.2	12
95	In situ construction of sulfated TiO2 nanoparticles with TiOSO4 for enhanced photocatalytic hydrogen production. Nanoscale, 2021, 13, 901-911.	5.6	12
96	Threeâ€component Synthesis of Homoallylic Amines Catalyzed by Phosphomolybdic Acid in Water. Chinese Journal of Chemistry, 2009, 27, 925-929.	4.9	11
97	Determination of Free and Total Sulfite in Red Globe Grape by Ion Chromatography. Food Science and Technology Research, 2014, 20, 1079-1085.	0.6	11
98	Preparation and characterization of covalently bonded <scp>PVA</scp>/Laponite/<scp>HAPI</scp> nanocomposite multilayer freestanding films by layerâ€byâ€layer assembly. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 545-551.	2.1	11
99	Constructing Porous Carbon Nanomaterials using Redox-Induced Low Molecular Weight Hydrogels and their Application as Supercapacitors. ChemistrySelect, 2017, 2, 9330-9335.	1.5	11
100	Preparation of macroporous hybrid monoliths via ironâ€based <scp>MOFsâ€stabilized CO₂</scp>â€inâ€water <scp>HIPEs</scp> and use for Î²â€amylase immobilization. Polymers for Advanced Technologies, 2020, 31, 2967-2979.	3.2	11
101	Synthesis and mechanical strength of a novel double network nanocomposite hydrogel with coreâ€shell structure. Polymers for Advanced Technologies, 2012, 23, 736-741.	3.2	10
102	Controlled loading and release of methylene blue for hydrogen-bonded LbL poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (pyr	2.4	10
103	Preparation of a multiâ€hollow magnetic molecularly imprinted polymer for the selective enrichment of indolebutyric acid. Journal of Separation Science, 2015, 38, 2573-2579.	2.5	10
104	Porous MoWN/MoWC@N C Nano-octahedrons synthesized via confined carburization and vapor deposition in MOFs as efficient trifunctional electrocatalysts for oxygen reversible catalysis and hydrogen production in the same electrolyte. Journal of Colloid and Interface Science, 2021, 601, 626-639.	9.4	10
105	Catalytic performance of Co 1,3,5-benzenetricarboxylate in the conversion of CO2 to cyclic carbonates. Reaction Kinetics, Mechanisms and Catalysis, 2018, 125, 633-645.	1.7	9
106	TiO2/P(AM-co-AMPS) monolith prepared by CO2-in-water HIPEs and its potential application in wastewater treatment. Reactive and Functional Polymers, 2020, 152, 104604.	4.1	9
107	A robust and coarse surface mesh modified by interpenetrating polymer network hydrogel for oilâ€water separation. Journal of Applied Polymer Science, 2015, 132, .	2.6	8
108	Determination of Eight Benzoylurea Insecticides in High-Fat Foodstuff Samples by Gel Permeation Chromatography Followed by High-Performance Liquid Chromatography-Tandem Mass Spectrometry. Food Analytical Methods, 2017, 10, 3098-3105.	2.6	8

#	Article	IF	Citations
109	Coordinating Self-Assembly of Copper Perylenetetracarboxylate Nanorods: Selectively Lighting up Normal Cells around Cancerous Ones for Better Cancer Diagnosis. ACS Applied Materials & Interfaces, 2018, 10, 17630-17638.	8.0	8
110	Effects of reaction parameters on the preparation of P4VP/SiO₂ composite aerogel via supercritical CO₂ drying. Polymer Composites, 2019, 40, 4205-4214.	4.6	8
111	Synthesis of thermoâ€responsive microgels in supercritical carbon dioxide using ethylene glycol dimethacrylate as a crossâ€linker. Polymers for Advanced Technologies, 2010, 21, 386-391.	3.2	7
112	Reversible oxygenation of bis[Î²-(2-pyridyl)-Î±-alaninato]Co(II) complex in aqueous solution at room temperature. Inorganica Chimica Acta, 2013, 398, 141-146.	2.4	7
113	Grafting of hydroxymethylacrylamide and acrylic acid copolymer onto polyvinylidene fluoride membrane by supercritical carbon dioxide and its application in dye separation. Polymers for Advanced Technologies, 2014, 25, 693-700.	3.2	7
114	Suppressing singlet oxygen formation from 5,10,15,20-tetrakis(4-sulfonatophenyl)porphyrin using polyion complex micelles. RSC Advances, 2015, 5, 17253-17256.	3.6	7
115	Characterization and adsorptive properties of cross-linked poly (1-vinylimidazole)-iron (III) complex synthesized in supercritical carbon dioxide. E-Polymers, 2016, 16, 403-410.	3.0	7
116	Electrospinning of magnetic cellulose trisâ€(4â€methylbenzoate) microparticles for enantioselective adsorption of racemic drug. Electrophoresis, 2016, 37, 2050-2053.	2.4	7
117	Preparation of PHEMA/nHAP nanocomposites via in situ polymerization in supercritical carbon dioxide for biomedical applications. Fibers and Polymers, 2017, 18, 868-874.	2.1	7
118	Grafting of thermo- and pH-responsive polymer inside mesoporous silica foam in supercritical carbon dioxide for controlled release of 5-fluorouracil. Fibers and Polymers, 2017, 18, 2476-2480.	2.1	7
119	Influence of laponite on the drug loading and release performance of LbL polyurethane/poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	7
120	Photocatalytic oxidation of p-xylene coupled with hydrogen evolution over MOFs-based bifunctional catalyst. Journal of Environmental Chemical Engineering, 2022, 10, 108079.	6.7	7
121	Synthesis of some novel 3â€alkyl/arylâ€6â€((1Hâ€benzo[d][1,2,3]triazolâ€1â€yl)methyl)â€[1,2,4]triazolo[3,4â€b][1,3,4]thiadiazoles. Journal of Heterocyclic Chemistry, 2010, 47, 1225-1229.	2.4	6
122	Reversible Oxygenation ofÎ±-Amino Acidâ€“Cobalt(II) Complexes. Bioinorganic Chemistry and Applications, 2016, 2016, 1-10.	4.1	6
123	Construction of defective Zeolitic Imidazolate Frameworks with improved photocatalytic performance via Vanillin as modulator. Chemical Engineering Journal, 2021, 421, 127839.	12.7	6
124	Cellulose-g-tetraethylenepentamine dual-function imprinted polymers selectively and effectively adsorb and remove 4-nitrophenol and Cr(VI). Cellulose, 2022, 29, 3389-3406.	4.9	6
125	CrCl₃Â·6H₂O/Hydrogenated Bisâ€Schiff Base as a New Efficient Catalyst System for Synthesis of Bis(indoly) Methane. Chinese Journal of Chemistry, 2011, 29, 2091-2096.	4.9	5
126	Layerâ€byâ€layer assembled hydrogel nanocomposite film with a high loading capacity. Journal of Applied Polymer Science, 2014, 131, .	2.6	5

#	Article	IF	Citations
127	Saline-enabled self-healing of polyelectrolyte multilayer films. RSC Advances, 2015, 5, 8877-8881.	3.6	5
128	Characterization and adsorptive properties of poly(1-vinylimidazole)/silica nanocomposites synthesized in supercritical carbon dioxide. E-Polymers, 2015, 15, 245-254.	3.0	5
129	Determination of 21 plant growth regulators in tomatoes using an improved ultrasound-assisted QuEChERS technique combined with a liquid chromatography tandem mass spectrometry method. Analytical Methods, 2016, 8, 4808-4815.	2.7	5
130	Synthesis of cross-linked copolymers of the (3-(2-pyridyl) acrylic acid)â€“copper(<scp>ii</scp>) complex in supercritical carbon dioxide for the catalytic oxidation of benzyl alcohol. RSC Advances, 2016, 6, 4434-4441.	3.6	5
131	Discovering significantly different metabolites between Han and Uygur two racial groups using urinary metabolomics in Xinjiang, China. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 481-488.	2.8	5
132	C/W emulsionâ€templated macroporous anionic monolith: Application for dye removal. Journal of Applied Polymer Science, 2020, 137, 49200.	2.6	5
133	Design of choline chloride modified USY zeolites for palladium-catalyzed acetylene hydrochlorination. RSC Advances, 2022, 12, 9923-9932.	3.6	5
134	Moderate the adsorption of cationic surfactant on gold surface by mixing with sparingly soluble anionic surfactant. Journal of Colloid and Interface Science, 2015, 440, 16-22.	9.4	4
135	Elegant cooperativity of noncovalent interactions in effective removal of Cuâ€“EDTA from water via stepwise addition of polymer and surfactant. RSC Advances, 2016, 6, 101725-101730.	3.6	4
136	Lamellar supramolecular materials based on a chelated metal complex for organic dye adsorption. RSC Advances, 2016, 6, 33295-33301.	3.6	4
137	Electrochemical Sensor based on Indium Tin Oxide Glass Modified with Poly(Ethyleneimine)/Phosphomolybdic Acid Composite Multilayers. Electroanalysis, 2017, 29, 1188-1196.	2.9	4
138	Encapsulation of nanocrystals with responsive gels for spatial optical identification. Supramolecular Chemistry, 2017, 29, 627-632.	1.2	4
139	Efficient difunctional photocatalyst prepared in situ from Prussian blue analogues for catalytic water oxidation and visible-light absorption. Catalysis Science and Technology, 2018, 8, 6375-6383.	4.1	4
140	Efficient Co@Co3O4 core-shell catalysts for photocatalytic water oxidation and its behaviors in two different photocatalytic systems. Journal of Energy Chemistry, 2021, 57, 83-91.	12.9	4
141	Zinc Metalâ€“Organic Framework Growing on the Surface of Fruit Peels and Its Photocatalytic Activity. ACS Omega, 2021, 6, 10187-10195.	3.5	4
142	Selective photocatalytic oxidation of cyclohexene coupled with hydrogen evolution from water splitting over Ni/NiO/CdS and mechanism insight. Catalysis Science and Technology, 2022, 12, 4535-4543.	4.1	4
143	Efficient Allylation of Active Ketones Promoted by pâ€Nitrobenzoic Acid. Chinese Journal of Chemistry, 2010, 28, 1212-1216.	4.9	3
144	High-salt-tolerance anticorrosion coating with salt-enabled self-healing ability from branched polyethyleneimine and poly(acrylic acid). Journal of Coatings Technology Research, 2019, 16, 827-834.	2.5	3

#	Article	IF	Citations
145	Establishment of Integrated Analysis Method for Probing and Reconstructing Hydrogenation Mechanism of a Model Reaction. Catalysts, 2022, 12, 499.	3.5	3
146	Synthesis of crossâ€linked homopolymers and copolymers of 1â€vinylimidazole in supercritical carbon dioxide for removal of Cr(VI) from aqueous solution. Polymers for Advanced Technologies, 2013, 24, 764-771.	3.2	2
147	Fabrication of polyelectrolyte/amine-modified silica composite thin film by coupling of layer-by-layer assembly and solâ€"gel techniques. Journal of Polymer Research, 2014, 21, 1.	2.4	2
148	Preparation of porous monoliths via CO₂â€inâ€water HIPEs template and the in situ growth of metal organic frameworks on it for multiple applications. Polymers for Advanced Technologies, 2020, 31, 1591-1601.	3.2	2
149	Poly(butyl acrylate) gel prepared in supercritical CO2: an efficient recyclable oil-absorbent. International Journal of Industrial Chemistry, 2020, 11, 91-99.	3.1	2
150	Effect of nitric oxide fumigation on microorganisms and quality of dried apricots during storage. Journal of Food Processing and Preservation, 2021, 45, e15725.	2.0	2
151	Preparation and swelling behavior of pH-sensitive and saltresistant amphoteric semi-IPNs hydrogels based on starch phosphate and poly[2-[(methacryloyloxy) ethyl] trimethylammonium] chloride. E-Polymers, 2010, 10, .	3.0	1
152	Enhanced Salt Tolerance of Polyurethane Based Multilayer Films. Chinese Journal of Chemistry, 2014, 32, 914-920.	4.9	1
153	Reversible Oxygenation of 2,4-Diaminobutanoic Acid-Co(II) Complexes. Bioinorganic Chemistry and Applications, 2016, 2016, 1-8.	4.1	1
154	Preparation of mesoporous SBAâ€15/polymerâ€copper(II) composites in supercritical CO 2 and their multiple applications. Polymer Composites, 2019, 40, 823-831.	4.6	1
155	Studies on solid state synthesis and the oxygenation property of cobalt (II) Schiff base (vanilline) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Universities, 2007, 2, 169-173.	0.4	0
156	Co-hydrogelation of Dendritic Surfactant and Amino Acids in Their Common Naturally-occurring Forms: A Study of Morphology and Mechanisms. Colloid Journal, 2019, 81, 253-260.	1.3	0
157	Carbon nanotubes supported N-promoted Pd-based catalysts for acetylene hydrochlorination. E3S Web of Conferences, 2020, 213, 01004.	0.5	0