

Jianfeng Yao

List of Publications by Year in descending order

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249
papers

14,168
citations

20817

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27406

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all docs

250
docs citations

250
times ranked

13985
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile preparation of porous hollow Co Mn ₃ O ₄ normal-inverse coexisting spinel for toluene oxidation. <i>Journal of Alloys and Compounds</i> , 2022, 892, 162185.	5.5	11
2	Structure reorganization of cellulose hydrogel by green solvent exchange for potential plastic replacement. <i>Carbohydrate Polymers</i> , 2022, 275, 118695.	10.2	34
3	Inlaying metal-organic framework derived pancake-like TiO ₂ into three-dimensional BiOI for visible-light-driven generation of vanillin from sodium lignosulfonate. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 648-656.	9.4	20
4	Amino-functionalized Ti-metal-organic framework decorated BiOI sphere for simultaneous elimination of Cr(VI) and tetracycline. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 933-941.	9.4	54
5	Bimetallic Ni-Co nanoparticles confined within nitrogen defective carbon nitride nanotubes for enhanced photocatalytic hydrogen production. <i>Environmental Research</i> , 2022, 203, 111844.	7.5	19
6	Metal organic framework enabled wood evaporator for solar-driven water purification. <i>Separation and Purification Technology</i> , 2022, 281, 119912.	7.9	48
7	Metal-organic framework promoting high-solids enzymatic hydrolysis of untreated corncob residues. <i>Bioresource Technology</i> , 2022, 344, 126163.	9.6	14
8	Cellulose tailored semiconductors for advanced photocatalysis. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111820.	16.4	37
9	Geometry-tunable sulfur-doped carbon nitride nanotubes with high crystallinity for visible light nitrogen fixation. <i>Chemical Engineering Journal</i> , 2022, 431, 133412.	12.7	28
10	Self-assembly of ZnIn ₂ S ₄ nanosheets on g-C ₃ N ₄ nanotubes for efficient photocatalytic reduction of Cr(VI). <i>Microporous and Mesoporous Materials</i> , 2022, 330, 111598.	4.4	15
11	Electric current-assisted synthesis of ZIF-8 with stoichiometric metal and ligand precursors for CO ₂ adsorption. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110485.	4.0	5
12	Integration of thermoresponsive MIL-121 into alginate beads for efficient heavy metal ion removal. <i>Journal of Cleaner Production</i> , 2022, 333, 130229.	9.3	34
13	Photocatalytic Oxidation of 5-Hydroxymethylfurfural Over Interfacial-Enhanced Ag/TiO ₂ Under Visible Light Irradiation. <i>ChemSusChem</i> , 2022, 15, e202102158.	6.8	16
14	Integration of natural clay into cellulose membrane for efficient CO ₂ /N ₂ separation. <i>Cellulose</i> , 2022, 29, 1873-1881.	4.9	6
15	ZIF-L-derived ZnO/N-doped carbon with multiple active sites for efficient catalytic CO ₂ cycloaddition. <i>Separation and Purification Technology</i> , 2022, 285, 120359.	7.9	23
16	Deep eutectic solvent with bifunctional Brønsted-Lewis acids for highly efficient lignocellulose fractionation. <i>Bioresource Technology</i> , 2022, 347, 126723.	9.6	42
17	Cr-metal-organic framework coordination with ZnIn ₂ S ₄ nanosheets for photocatalytic reduction of Cr(VI). <i>Journal of Cleaner Production</i> , 2022, 341, 130891.	9.3	37
18	Self-Induced Oxygen Vacancies on Carboxyl-Rich MIL-121 Enable Efficient Activation and Oxidation of Benzyl Alcohol under Visible Light. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11509-11516.	8.0	10

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19	Aminosilane-modified wood sponge for efficient CO ₂ capture. <i>Wood Science and Technology</i> , 2022, 56, 691-702.	3.2	4
20	Cellulose-Derived Carbon Dot-Guided Growth of ZnIn ₂ S ₄ Nanosheets for Photocatalytic Oxidation of 5-Hydroxymethylfurfural into 2,5-Diformylfuran. <i>ChemSusChem</i> , 2022, 15, .	6.8	23
21	Towards high-performance supercapacitors with cellulose-based carbon for zinc-ion storage. <i>Journal of Energy Storage</i> , 2022, 50, 104252.	8.1	8
22	Synthesis of MoS ₂ nanotube using a sacrificial template method as advanced anode material for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 907, 164499.	5.5	11
23	Metal ion-assisted conversion of Co-ZIF-L to CoNi-layered double hydroxides with high electrochemical properties for supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 383-390.	9.4	10
24	Tunable Z-scheme and Type II heterojunction of Cu _x O nanoparticles on carbon nitride nanotubes for enhanced visible-light ammonia synthesis. <i>Chemical Engineering Journal</i> , 2022, 442, 136156.	12.7	29
25	Delignified wood filter functionalized with metal-organic frameworks for high-efficiency air filtration. <i>Separation and Purification Technology</i> , 2022, 293, 121095.	7.9	15
26	Using deep eutectic solvent pretreatment for enhanced enzymatic saccharification and lignin utilization of masson pine. <i>Renewable Energy</i> , 2022, 195, 681-687.	8.9	18
27	Lignocellulose hydrogels fabricated from corncob residues through a green solvent system. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 428-434.	7.5	4
28	Tailoring the structure and function of metal organic framework by chemical etching for diverse applications. <i>Coordination Chemistry Reviews</i> , 2022, 470, 214699.	18.8	31
29	Surfactant-promoted hydrolysis of lignocellulose for ethanol production. <i>Fuel Processing Technology</i> , 2021, 213, 106660.	7.2	42
30	Synthesis of 2D nanoporous zeolitic imidazolate framework nanosheets for diverse applications. <i>Coordination Chemistry Reviews</i> , 2021, 431, 213677.	18.8	41
31	Facile fabrication of flower-like MnO ₂ hollow microspheres as high-performance catalysts for toluene oxidation. <i>Journal of Hazardous Materials</i> , 2021, 408, 124458.	12.4	50
32	Construction of a hybrid graphene oxide/nanofibrillated cellulose aerogel used for the efficient removal of methylene blue and tetracycline. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 150, 109839.	4.0	60
33	Molten salt synthesis of capacitive porous carbon from <i>Allium cepa</i> (onion) for supercapacitor application. <i>Journal of Electroanalytical Chemistry</i> , 2021, 881, 114972.	3.8	16
34	Advances in cellulose-metal organic framework composites: preparation and applications. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23353-23363.	10.3	49
35	Writing ink-promoted synthesis of electrodes with high energy storage performance: A review. <i>Journal of Energy Chemistry</i> , 2021, 53, 433-440.	12.9	11
36	Direct Coating Pen Ink Carbon on a Carbonized Melamine Sponge as a Flexible Free-Standing Electrode. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3597-3604.	3.7	10

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37	Metal Organic Framework-Based CoNi Composites on Carbonized Wood as Advanced Freestanding Electrodes for Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 4604-4608.	5.1	14
38	Melamine vapor-derived synthesis of UiO-66@ultrathin carbon nitride layer as high-performance photocatalysts. <i>Materials Letters</i> , 2021, 286, 129260.	2.6	2
39	Flexible cellulose foams with a high loading of attapulgite nanorods for Cu ²⁺ ions removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 126038.	4.7	13
40	Photocatalytic conversion of sodium lignosulfonate into vanillin using mesoporous TiO ₂ derived from MIL-125. <i>Microporous and Mesoporous Materials</i> , 2021, 319, 111043.	4.4	18
41	Photocatalytic depolymerization of organosolv lignin into valuable chemicals. <i>International Journal of Biological Macromolecules</i> , 2021, 180, 403-410.	7.5	33
42	Graphitic Carbon Nitride@Graphene Oxide Hybrid Membranes for Hydrogen Purification. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 9189-9195.	3.7	11
43	Fe ₃ O ₄ /polyvinyl alcohol decorated delignified wood evaporator for continuous solar steam generation. <i>Desalination</i> , 2021, 507, 115024.	8.2	97
44	In situ growth of ZIF-8 within wood channels for water pollutants removal. <i>Separation and Purification Technology</i> , 2021, 266, 118527.	7.9	51
45	Construction of two-dimensional BiOI on carboxyl-rich MIL-121 for visible-light photocatalytic degradation of tetracycline. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159711.	5.5	34
46	Fine tuning of Cd _x Zn _{1-x} S for photo-depolymerization of alkaline lignin into vanillin. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 297-305.	7.5	29
47	Constructing MoO ₃ @MoO ₂ heterojunction on g-C ₃ N ₄ nanosheets with advanced Li-ion storage ability. <i>Journal of Alloys and Compounds</i> , 2021, 875, 160077.	5.5	21
48	Uniformly growing Co ₉ S ₈ nanoparticles on flexible carbon foam as a free-standing anode for lithium-ion storage devices. <i>Carbon</i> , 2021, 182, 404-412.	10.3	29
49	In situ growth of amino-functionalized ZIF-8 on bacterial cellulose foams for enhanced CO ₂ adsorption. <i>Carbohydrate Polymers</i> , 2021, 270, 118376.	10.2	58
50	Zinc oxide rod/peanut shell-derived porous carbon composites for cooperative CO ₂ chemical fixation. <i>New Journal of Chemistry</i> , 2021, 45, 4147-4151.	2.8	3
51	Self-chargeable zinc-ion hybrid supercapacitor driven by salt-concentrated cellulose hydrogel. <i>Cellulose</i> , 2021, 28, 11483-11492.	4.9	9
52	Study on Optimal Conditions of Oxidative Desulfurization over Hierarchical CoAPO-5 Catalysts Using Response Surface Method. <i>Russian Journal of Applied Chemistry</i> , 2021, 94, 1313-1323.	0.5	0
53	Optimizing the mobility of active species in ionic liquid/MIL-101 composites for boosting carbon dioxide conversion. <i>New Journal of Chemistry</i> , 2021, 46, 44-48.	2.8	5
54	N-Doped Porous Carbon Supported Au Nanoparticles for Benzyl Alcohol Oxidation. <i>Catalysis Letters</i> , 2020, 150, 74-81.	2.6	11

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55	Zeolitic-imidazolate-framework filled hierarchical porous nanofiber membrane for air cleaning. <i>Journal of Membrane Science</i> , 2020, 594, 117467.	8.2	61
56	In-situ growing ZIF-8 on cellulose nanofibers to form gas separation membrane for CO ₂ separation. <i>Journal of Membrane Science</i> , 2020, 595, 117579.	8.2	87
57	PEGylated deep eutectic solvent-assisted synthesis of CdS@CeO ₂ composites with enhanced visible light photocatalytic ability. <i>Chemical Engineering Journal</i> , 2020, 383, 123135.	12.7	47
58	Integration of plasmonic effect into MIL-125-NH ₂ : An ultra-efficient photocatalyst for simultaneous removal of ternary system pollutants. <i>Chemosphere</i> , 2020, 242, 125197.	8.2	22
59	Flexible Co-ZIF-L@melamine sponge with underwater superoleophobicity for water/oil separation. <i>Materials Chemistry and Physics</i> , 2020, 241, 122385.	4.0	30
60	Fabrication of TiO ₂ embedded ZnIn ₂ S ₄ nanosheets for efficient Cr(VI) reduction. <i>Materials Research Bulletin</i> , 2020, 122, 110671.	5.2	41
61	Highly transparent graphene oxide/cellulose composite film bearing ultraviolet shielding property. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 663-667.	7.5	60
62	Rational design of interlaced Co ₉ S ₈ /carbon composites from ZIF-67/cellulose nanofibers for enhanced lithium storage. <i>Journal of Alloys and Compounds</i> , 2020, 818, 152911.	5.5	33
63	Metal nanoparticle-embedded bacterial cellulose aerogels via swelling-induced adsorption for nitrophenol reduction. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 922-927.	7.5	26
64	Bismuth sulfide bridged hierarchical Bi ₂ S ₃ /BiOCl@ZnIn ₂ S ₄ for efficient photocatalytic Cr(VI) reduction. <i>Journal of Hazardous Materials</i> , 2020, 389, 121858.	12.4	107
65	Molten salt synthesis of hierarchical porous carbon from wood sawdust for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2020, 856, 113673.	3.8	32
66	Construction of sandwich-type Co ₉ S ₈ -C anchored on carbonized melamine foam toward lithium-ion battery. <i>Electrochimica Acta</i> , 2020, 363, 137220.	5.2	15
67	Chinese ink enabled wood evaporator for continuous water desalination. <i>Desalination</i> , 2020, 496, 114727.	8.2	62
68	Metal Ion Induced Surface Modification for Durable Hydrophobic Wood. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001166.	3.7	16
69	Cellulose/TiO ₂ -Based Carbonaceous Composite Film and Aerogel for Highly Efficient Photocatalysis under Visible Light. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13997-14003.	3.7	28
70	Carbon nitride nanotube-based materials for energy and environmental applications: a review of recent progresses. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25626-25648.	10.3	66
71	Zinc ion trapping in a cellulose hydrogel as a solid electrolyte for a safe and flexible supercapacitor. <i>Journal of Materials Chemistry A</i> , 2020, 8, 12314-12318.	10.3	87
72	Embedding Co ₉ S ₈ nanoparticles into porous carbon foam with high flexibility and enhanced lithium ion storage. <i>Journal of Electroanalytical Chemistry</i> , 2020, 863, 114062.	3.8	21

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73	Cellulose Hydrogels by Reversible Ion-Exchange as Flexible Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020, 5, 2000358.	5.8	25
74	Efficient conversion of methane into power via microchanneled solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020, 453, 227848.	7.8	11
75	One-pot fabrication of Cd _x Zn _{1-x} S/ZnO nanohybrid using mixed sulfur sources for photocatalysis. <i>Materials Research Bulletin</i> , 2020, 125, 110776.	5.2	18
76	Free-standing porous carbon foam as the ultralight and flexible supercapacitor electrode. <i>Carbon</i> , 2020, 161, 224-230.	10.3	57
77	Zirconium ion modified melamine sponge for oil and organic solvent cleanup. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 242-247.	9.4	42
78	Cellulose membranes with polyethylenimine-modified graphene oxide and zinc ions for promoted gas separation. <i>Cellulose</i> , 2020, 27, 3277-3286.	4.9	19
79	Etched ZIF-8 as a Filler in Mixed-Matrix Membranes for Enhanced CO ₂ /N ₂ Separation. <i>Chemistry - A European Journal</i> , 2020, 26, 7918-7922.	3.3	22
80	Synergy of Ni dopant and oxygen vacancies in ZnO for efficient photocatalytic depolymerization of sodium lignosulfonate. <i>Chemical Engineering Journal</i> , 2020, 394, 125050.	12.7	55
81	Construction of hydrophobic alginate-based foams induced by zirconium ions for oil and organic solvent cleanup. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 182-189.	9.4	51
82	Glucose-derived solid acids and their stability enhancement for upgrading biodiesel via esterification. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1067-1072.	3.5	7
83	Two-step preparation of hierarchical porous carbon from KOH-activated wood sawdust for supercapacitor. <i>Materials Chemistry and Physics</i> , 2019, 238, 121956.	4.0	65
84	Defect-Tailoring and Titanium Substitution in Metal-Organic Framework UiO-66-NH ₂ for the Photocatalytic Degradation of Cr(VI) to Cr(III). <i>ACS Applied Nano Materials</i> , 2019, 2, 5973-5980.	5.0	59
85	Platinum supported cellulose-based carbon with oxygen-containing functional groups for benzyl alcohol oxidation. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 135, 109095.	4.0	8
86	Defect Rich UiO-66 with Enhanced Adsorption and Photosensitized Reduction of Cr(VI) under Visible Light. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 21562-21568.	3.7	16
87	Tailoring the Properties of UiO-66 through Defect Engineering: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 17646-17659.	3.7	152
88	Facile construction of three-dimensional netted ZnIn ₂ S ₄ by cellulose nanofibrils for efficiently photocatalytic reduction of Cr(VI). <i>Chemical Engineering Journal</i> , 2019, 375, 121990.	12.7	109
89	A green strategy for preparing durable underwater superoleophobic calcium alginate hydrogel coated-meshes for oil/water separation. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 13-19.	7.5	36
90	Essential microstructure of cathode functional layers of solid oxide electrolysis cells for CO ₂ electrolysis. <i>Journal of CO₂ Utilization</i> , 2019, 32, 214-218.	6.8	19

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91	Glutaraldehyde and polyvinyl alcohol crosslinked cellulose membranes for efficient methyl orange and Congo red removal. <i>Cellulose</i> , 2019, 26, 5065-5074.	4.9	42
92	Sustainable and scalable in-situ synthesis of hydrochar-wrapped Ti ₃ AlC ₂ -derived nanofibers as adsorbents to remove heavy metals. <i>Bioresource Technology</i> , 2019, 282, 222-227.	9.6	35
93	ZIF-8@SiO ₂ composite nanofiber membrane with bioinspired spider web-like structure for efficient air pollution control. <i>Journal of Membrane Science</i> , 2019, 581, 252-261.	8.2	96
94	Inorganic Salts Induce Thermally Reversible and Anti-freezing Cellulose Hydrogels. <i>Angewandte Chemie</i> , 2019, 131, 7444-7448.	2.0	12
95	Inorganic Salts Induce Thermally Reversible and Anti-freezing Cellulose Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7366-7370.	13.8	322
96	Leaf-shaped bimetallic sulfides@N-doped porous carbon as advanced lithium-ion battery anode. <i>Journal of Alloys and Compounds</i> , 2019, 792, 8-15.	5.5	15
97	Lightweight UiO-66/cellulose aerogels constructed through self-crosslinking strategy for adsorption applications. <i>Chemical Engineering Journal</i> , 2019, 371, 138-144.	12.7	143
98	Comparison of fibrous catalysts and monolithic catalysts for catalytic methane partial oxidation. <i>Renewable Energy</i> , 2019, 138, 1010-1017.	8.9	35
99	Designing of Recyclable Attapulgite for Wastewater Treatments: A Review. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1855-1869.	6.7	81
100	Amine-functionalized MOFs@GO as filler in mixed matrix membrane for selective CO ₂ separation. <i>Separation and Purification Technology</i> , 2019, 213, 63-69.	7.9	57
101	Metal nanoparticles decorated MIL-125-NH ₂ and MIL-125 for efficient photocatalysis. <i>Materials Research Bulletin</i> , 2019, 112, 297-306.	5.2	72
102	TiO ₂ nanorods loaded with Au Pt alloy nanoparticles for the photocatalytic oxidation of benzyl alcohol. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 126, 27-32.	4.0	34
103	Noble metal nanoparticle-functionalized Zr-metal organic frameworks with excellent photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 569-577.	9.4	51
104	Catalytic CeO ₂ washcoat over microchanneled supporting cathodes of solid oxide electrolysis cells for efficient and stable CO ₂ reduction. <i>Journal of Power Sources</i> , 2019, 412, 344-349.	7.8	13
105	Design of ZIF-based CNTs wrapped porous carbon with hierarchical pores as electrode materials for supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 125, 57-63.	4.0	56
106	Ultrafine CoSe nano-crystallites confined in leaf-like N-doped carbon for long-cyclic and fast sodium ion storage. <i>Electrochimica Acta</i> , 2019, 294, 173-182.	5.2	63
107	Design of porous Co ₃ O ₄ nanosheets via one-step synthesis as high-performance anode materials for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1-7.	2.5	16
108	Tuning Catalytic Selectivity in Cascade Reactions by Light Irradiation. <i>Catalysis Letters</i> , 2018, 148, 1124-1129.	2.6	3

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109	Novel N-doped ZrO ₂ with enhanced visible-light photocatalytic activity for hydrogen production and degradation of organic dyes. RSC Advances, 2018, 8, 6752-6758.	3.6	48
110	Constructing Cd _{0.5} Zn _{0.5} @ZIF-8 nanocomposites through self-assembly strategy to enhance Cr(VI) photocatalytic reduction. Journal of Hazardous Materials, 2018, 349, 234-241.	12.4	206
111	Recent development of plasmon-mediated photocatalysts and their potential in selectivity regulation. Journal of Materials Chemistry A, 2018, 6, 1941-1966.	10.3	56
112	Modified metal-organic frameworks as photocatalysts. Applied Catalysis B: Environmental, 2018, 231, 317-342.	20.2	376
113	Facile fabrication of ZIF-8 embedded millimeter-sized porous polyethersulfone beads for selective dye removal. Polymer Composites, 2018, 39, 3896-3902.	4.6	7
114	Electrospun soy protein-based nanofibrous membranes for effective antimicrobial air filtration. Journal of Applied Polymer Science, 2018, 135, 45766.	2.6	60
115	In-situ gelation of sodium alginate supported on melamine sponge for efficient removal of copper ions. Journal of Colloid and Interface Science, 2018, 512, 7-13.	9.4	102
116	Alginate-based attapulgite foams as efficient and recyclable adsorbents for the removal of heavy metals. Journal of Colloid and Interface Science, 2018, 514, 190-198.	9.4	126
117	Low-Temperature Transformation of C/SiO ₂ Nanocomposites to β -SiC with High Surface Area. ACS Sustainable Chemistry and Engineering, 2018, 6, 1068-1073.	6.7	29
118	Fabrication of cellulose nanofibrils/Uio-66-NH ₂ composite membrane for CO ₂ /N ₂ separation. Journal of Membrane Science, 2018, 568, 10-16.	8.2	106
119	Bromomethylated poly(phenylene oxide) (BPPO)-assisted fabrication of Uio-66-NH ₂ /BPPO/polyethersulfone mixed matrix membrane for enhanced gas separation. Journal of Applied Polymer Science, 2018, 135, 46759.	2.6	19
120	Design of Melamine Sponge-Based Three-Dimensional Porous Materials toward Applications. Industrial & Engineering Chemistry Research, 2018, 57, 7322-7330.	3.7	129
121	Controlled synthesis of hierarchical beta zeolite through design template to enhance gas-phase beckmann rearrangement performance. Microporous and Mesoporous Materials, 2018, 272, 202-208.	4.4	9
122	Facilitated Transport of CO ₂ Through the Transparent and Flexible Cellulose Membrane Promoted by Fixed-Site Carrier. ACS Applied Materials & Interfaces, 2018, 10, 24930-24936.	8.0	53
123	Bilayer N-doped carbon derived from furfuryl alcohol-wrapped melamine sponge as high-performance supercapacitor. Journal of Electroanalytical Chemistry, 2018, 823, 633-637.	3.8	18
124	Adsorptive desulfurization from the model fuels by functionalized Uio-66(Zr). Fuel, 2018, 234, 256-262.	6.4	98
125	Facile preparation of Zn _{0.5} Cd _{0.5} @RGO nanocomposites as efficient visible light driven photocatalysts. Journal of Alloys and Compounds, 2017, 705, 392-398.	5.5	16
126	A hierarchically structured PtCo nanoflakes@nanotube as an electrocatalyst for methanol oxidation. Inorganic Chemistry Frontiers, 2017, 4, 845-849.	6.0	6

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127	Nanocellulose-assisted low-temperature synthesis and supercapacitor performance of reduced graphene oxide aerogels. <i>Journal of Power Sources</i> , 2017, 347, 259-269.	7.8	63
128	Facile stir-dried preparation of g-C ₃ N ₄ /TiO ₂ homogeneous composites with enhanced photocatalytic activity. <i>RSC Advances</i> , 2017, 7, 10668-10674.	3.6	47
129	Simple fabrication of easy handling millimeter-sized porous attapulgite/polymer beads for heavy metal removal. <i>Journal of Colloid and Interface Science</i> , 2017, 502, 52-58.	9.4	50
130	ZIF-8 derived porous N-doped ZnO with enhanced visible light-driven photocatalytic activity. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 102, 110-114.	4.0	72
131	Isomerization of Styrene Oxide to Phenyl Acetaldehyde over Different Modified Beta Zeolites. <i>Catalysis Letters</i> , 2017, 147, 1523-1532.	2.6	6
132	Graphene oxide gas separation membranes intercalated by UiO-66-NH ₂ with enhanced hydrogen separation performance. <i>Journal of Membrane Science</i> , 2017, 539, 172-177.	8.2	91
133	Effects of crystal size and pore structure on catalytic performance of TS-1 in the isomerization of styrene oxide to phenyl acetaldehyde. <i>Microporous and Mesoporous Materials</i> , 2017, 247, 16-22.	4.4	23
134	Acid-promoted synthesis of UiO-66 for highly selective adsorption of anionic dyes: Adsorption performance and mechanisms. <i>Journal of Colloid and Interface Science</i> , 2017, 499, 151-158.	9.4	364
135	Highly dispersed Ag/TiO ₂ via adsorptive self-assembly for bactericidal application. <i>RSC Advances</i> , 2017, 7, 13347-13352.	3.6	14
136	Polyimide/cellulose acetate core/shell electrospun fibrous membranes for oil-water separation. <i>Separation and Purification Technology</i> , 2017, 177, 71-85.	7.9	147
137	Facile and fast removal of oil through porous carbon spheres derived from the fruit of <i>Liquidambar formosana</i> . <i>Chemosphere</i> , 2017, 170, 68-74.	8.2	27
138	Furfuryl alcohol modified melamine sponge for highly efficient oil spill clean-up and recovery. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21893-21897.	10.3	75
139	Temperature-induced formation of cellulose nanofiber film with remarkably high gas separation performance. <i>Cellulose</i> , 2017, 24, 5649-5656.	4.9	35
140	Effect of stable antimicrobial nano-silver packaging on inhibiting mildew and in storage of rice. <i>Food Chemistry</i> , 2017, 215, 477-482.	8.2	89
141	Cellulose acetate ultrafiltration membranes reinforced by cellulose nanocrystals: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	33
142	Core-shell structured electrospun nanofibrous membranes for oil-water separation. <i>RSC Advances</i> , 2016, 6, 41861-41870.	3.6	62
143	Millimeter-sized carbon/TiO ₂ beads fabricated by phase inversion method for oil and dye adsorption. <i>RSC Advances</i> , 2016, 6, 16314-16318.	3.6	12
144	Synthesis of ZIF-8 and ZIF-67 using mixed-base and their dye adsorption. <i>Microporous and Mesoporous Materials</i> , 2016, 234, 287-292.	4.4	177

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145	Epoxidised soybean oil polymer composites reinforced with modified microcrystalline cellulose. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 1213-1226.	2.4	8
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148	Rapid Construction of ZnO@ZIF-8 Heterostructures with Size-Selective Photocatalysis Properties. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9080-9087.	8.0	310
149	Facile synthesis of TaO _x N _y photocatalysts with enhanced visible photocatalytic activity. <i>RSC Advances</i> , 2016, 6, 1860-1864.	3.6	19
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151	Microcrystalline cellulose as reactive reinforcing fillers for epoxidized soybean oil polymer composites. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	23
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