

Jianfeng Yao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

245
papers

9,593
citations

52
h-index

88
g-index

250
ext. papers

11,837
ext. citations

7.1
avg, IF

6.82
L-index

#	Paper	IF	Citations
245	Deep Eutectic Solvent with Bifunctional Brønsted-Lewis Acids for Highly Efficient Lignocellulose Fractionation.. <i>Bioresource Technology</i> , 2022 , 347, 126723	11	5
244	Cr-metal-organic framework coordination with ZnIn ₂ S ₄ nanosheets for photocatalytic reduction of Cr(VI). <i>Journal of Cleaner Production</i> , 2022 , 130891	10.3	1
243	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	5.3	1
242	Integration of thermoresponsive MIL-121 into alginate beads for efficient heavy metal ion removal. <i>Journal of Cleaner Production</i> , 2022 , 333, 130229	10.3	4
241	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	8.3	2
240	Metal organic framework enabled wood evaporator for solar-driven water purification. <i>Separation and Purification Technology</i> , 2022 , 281, 119912	8.3	7
239	Metal-organic framework promoting high-solids enzymatic hydrolysis of untreated corncob residues. <i>Bioresource Technology</i> , 2022 , 344, 126163	11	2
238	Cellulose tailored semiconductors for advanced photocatalysis. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 154, 111820	16.2	7
237	Structure reorganization of cellulose hydrogel by green solvent exchange for potential plastic replacement. <i>Carbohydrate Polymers</i> , 2022 , 275, 118695	10.3	3
236	Inlaying metal-organic framework derived pancake-like TiO 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	9.3	3
235	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	9.3	11
234	Bimetallic Ni-Co nanoparticles confined within nitrogen defective carbon nitride nanotubes for enhanced photocatalytic hydrogen production. <i>Environmental Research</i> , 2022 , 203, 111844	7.9	5
233	Cellulose-derived carbon dots guided growth of ZnIn ₂ S ₄ nanosheets for photocatalytic oxidation of 5-hydroxymethylfurfural into 2,5-diformylfuran.. <i>ChemSusChem</i> , 2022 ,	8.3	1
232	Towards high-performance supercapacitors with cellulose-based carbon for zinc-ion storage. <i>Journal of Energy Storage</i> , 2022 , 50, 104252	7.8	1
231	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	5.7	1
230	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	9.3	0
229	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	14.7	3

228	Delignified wood filter functionalized with metal-organic frameworks for high-efficiency air filtration. <i>Separation and Purification Technology</i> , 2022 , 293, 121095	8.3	0
227	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	0.8	
226	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	3.6	1
225	Geometry-tunable sulfur-doped carbon nitride nanotubes with high crystallinity for visible light nitrogen fixation. <i>Chemical Engineering Journal</i> , 2021 , 133412	14.7	4
224	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> , 2021 , 161, 110485	3.9	2
223	Photo-catalytic oxidation of 5-hydroxymethylfurfural over interfacial-enhanced Ag/TiO ₂ under visible light irradiation.. <i>ChemSusChem</i> , 2021 , e202102158	8.3	2
222	Self-chargeable zinc-ion hybrid supercapacitor driven by salt-concentrated cellulose hydrogel. <i>Cellulose</i> , 2021 , 28, 11483	5.5	1
221	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	5.1	8
220	Photocatalytic conversion of sodium lignosulfonate into vanillin using mesoporous TiO ₂ derived from MIL-125. <i>Microporous and Mesoporous Materials</i> , 2021 , 319, 111043	5.3	2
219	Photocatalytic depolymerization of organosolv lignin into valuable chemicals. <i>International Journal of Biological Macromolecules</i> , 2021 , 180, 403-410	7.9	6
218	Graphitic Carbon Nitride/Graphene Oxide Hybrid Membranes for Hydrogen Purification. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 9189-9195	3.9	4
217	Surfactant-promoted hydrolysis of lignocellulose for ethanol production. <i>Fuel Processing Technology</i> , 2021 , 213, 106660	7.2	10
216	Synthesis of 2D nanoporous zeolitic imidazolate framework nanosheets for diverse applications. <i>Coordination Chemistry Reviews</i> , 2021 , 431, 213677	23.2	13
215	Facile fabrication of flower-like MnO hollow microspheres as high-performance catalysts for toluene oxidation. <i>Journal of Hazardous Materials</i> , 2021 , 408, 124458	12.8	12
214	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	3.9	20
213	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	4.1	6
212	Writing ink-promoted synthesis of electrodes with high energy storage performance: A review. <i>Journal of Energy Chemistry</i> , 2021 , 53, 433-440	12	3
211	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	3.9	3

210	Metal Organic Framework-Based CoNi Composites on Carbonized Wood as Advanced Freestanding Electrodes for Supercapacitors. <i>Energy & Fuels</i> , 2021 , 35, 4604-4608	4.1	3
209	Melamine vapor-derived synthesis of UiO-66@ultrathin carbon nitride layer as high-performance photocatalysts. <i>Materials Letters</i> , 2021 , 286, 129260	3.3	2
208	Fe ₃ O ₄ /polyvinyl alcohol decorated delignified wood evaporator for continuous solar steam generation. <i>Desalination</i> , 2021 , 507, 115024	10.3	27
207	In situ growth of ZIF-8 within wood channels for water pollutants removal. <i>Separation and Purification Technology</i> , 2021 , 266, 118527	8.3	17
206	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	5.7	19
205	Fine tuning of CdZnS for photo-depolymerization of alkaline lignin into vanillin. <i>International Journal of Biological Macromolecules</i> , 2021 , 185, 297-305	7.9	2
204	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	5.7	6
203	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	10.4	8
202	Facile preparation of porous hollow Co Mn ₃ -O ₄ normal-reverse coexisted spinel for toluene oxidation. <i>Journal of Alloys and Compounds</i> , 2021 , 162185	5.7	2
201	In situ growth of amino-functionalized ZIF-8 on bacterial cellulose foams for enhanced CO adsorption. <i>Carbohydrate Polymers</i> , 2021 , 270, 118376	10.3	10
200	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	3.6	2
199	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	13	37
198	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	4.1	10
197	Cellulose Hydrogels by Reversible Ion-Exchange as Flexible Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020 , 5, 2000358	6.8	10
196	Efficient conversion of methane into power via microchanneled solid oxide fuel cells. <i>Journal of Power Sources</i> , 2020 , 453, 227848	8.9	6
195	One-pot fabrication of CdxZn1-xS/ZnO nanohybrid using mixed sulfur sources for photocatalysis. <i>Materials Research Bulletin</i> , 2020 , 125, 110776	5.1	12
194	Free-standing porous carbon foam as the ultralight and flexible supercapacitor electrode. <i>Carbon</i> , 2020 , 161, 224-230	10.4	30
193	Zirconium ion modified melamine sponge for oil and organic solvent cleanup. <i>Journal of Colloid and Interface Science</i> , 2020 , 566, 242-247	9.3	21

192	Cellulose membranes with polyethylenimine-modified graphene oxide and zinc ions for promoted gas separation. <i>Cellulose</i> , 2020 , 27, 3277-3286	5.5	6
191	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	4.8	9
190	Synergy of Ni dopant and oxygen vacancies in ZnO for efficient photocatalytic depolymerization of sodium lignosulfonate. <i>Chemical Engineering Journal</i> , 2020 , 394, 125050	14.7	24
189	Integration of plasmonic effect into MIL-125-NH: An ultra-efficient photocatalyst for simultaneous removal of ternary system pollutants. <i>Chemosphere</i> , 2020 , 242, 125197	8.4	14
188	Flexible Co-ZIF-L@melamine sponge with underwater superoleophobicity for water/oil separation. <i>Materials Chemistry and Physics</i> , 2020 , 241, 122385	4.4	17
187	Fabrication of TiO ₂ embedded ZnIn ₂ S ₄ nanosheets for efficient Cr(VI) reduction. <i>Materials Research Bulletin</i> , 2020 , 122, 110671	5.1	27
186	Highly transparent graphene oxide/cellulose composite film bearing ultraviolet shielding property. <i>International Journal of Biological Macromolecules</i> , 2020 , 145, 663-667	7.9	36
185	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	5.7	18
184	Metal nanoparticle-embedded bacterial cellulose aerogels via swelling-induced adsorption for nitrophenol reduction. <i>International Journal of Biological Macromolecules</i> , 2020 , 143, 922-927	7.9	13
183	Bismuth sulfide bridged hierarchical BiS/BiOCl@ZnInS for efficient photocatalytic Cr(VI) reduction. <i>Journal of Hazardous Materials</i> , 2020 , 389, 121858	12.8	47
182	Molten salt synthesis of hierarchical porous carbon from wood sawdust for supercapacitors. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 856, 113673	4.1	13
181	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	6.7	5
180	Chinese ink enabled wood evaporator for continuous water desalination. <i>Desalination</i> , 2020 , 496, 114727	10.3	25
179	Metal-Ion Induced Surface Modification for Durable Hydrophobic Wood. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2001166	4.6	7
178	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	3.9	12
177	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	13	33
176	N-Doped Porous Carbon Supported Au Nanoparticles for Benzyl Alcohol Oxidation. <i>Catalysis Letters</i> , 2020 , 150, 74-81	2.8	4
175	Zeolitic-imidazolate-framework filled hierarchical porous nanofiber membrane for air cleaning. <i>Journal of Membrane Science</i> , 2020 , 594, 117467	9.6	39

174	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	9.6	35
173	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	14.7	22
172	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	3.9	9
171	Tailoring the Properties of UiO-66 through Defect Engineering: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 17646-17659	3.9	64
170	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	14.7	64
169	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	7.9	22
168	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	7.6	7
167	Glutaraldehyde and polyvinyl alcohol crosslinked cellulose membranes for efficient methyl orange and Congo red removal. <i>Cellulose</i> , 2019 , 26, 5065-5074	5.5	24
166	Sustainable and scalable in-situ synthesis of hydrochar-wrapped TiAlC-derived nanofibers as adsorbents to remove heavy metals. <i>Bioresource Technology</i> , 2019 , 282, 222-227	11	19
165	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	9.6	57
164	Inorganic Salts Induce Thermally Reversible and Anti-Freezing Cellulose Hydrogels. <i>Angewandte Chemie</i> , 2019 , 131, 7444-7448	3.6	8
163	Inorganic Salts Induce Thermally Reversible and Anti-Freezing Cellulose Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7366-7370	16.4	161
162	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	5.7	12
161	Lightweight UiO-66/cellulose aerogels constructed through self-crosslinking strategy for adsorption applications. <i>Chemical Engineering Journal</i> , 2019 , 371, 138-144	14.7	76
160	Comparison of fibrous catalysts and monolithic catalysts for catalytic methane partial oxidation. <i>Renewable Energy</i> , 2019 , 138, 1010-1017	8.1	22
159	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	9.3	32
158	Glucose-derived solid acids and their stability enhancement for upgrading biodiesel via esterification. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1067-1072	3.2	6
157	Two-step preparation of hierarchical porous carbon from KOH-activated wood sawdust for supercapacitor. <i>Materials Chemistry and Physics</i> , 2019 , 238, 121956	4.4	32

156	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	5.6	21
155	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	3.9	4
154	Designing of Recyclable Attapulgite for Wastewater Treatments: A Review. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 1855-1869	8.3	45
153	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	8.3	38
152	Metal nanoparticles decorated MIL-125-NH ₂ and MIL-125 for efficient photocatalysis. <i>Materials Research Bulletin</i> , 2019 , 112, 297-306	5.1	51
151	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	3.9	24
150	Noble metal nanoparticle-functionalized Zr-metal organic frameworks with excellent photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 569-577	9.3	28
149	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	8.9	7
148	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	3.9	39
147	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	6.7	38
146	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	2.6	15
145	Tuning Catalytic Selectivity in Cascade Reactions by Light Irradiation. <i>Catalysis Letters</i> , 2018 , 148, 1124-1139	2	2
144	Novel N-doped ZrO with enhanced visible-light photocatalytic activity for hydrogen production and degradation of organic dyes.. <i>RSC Advances</i> , 2018 , 8, 6752-6758	3.7	18
143	Constructing CdZnS@ZIF-8 nanocomposites through self-assembly strategy to enhance Cr(VI) photocatalytic reduction. <i>Journal of Hazardous Materials</i> , 2018 , 349, 234-241	12.8	123
142	Recent development of plasmon-mediated photocatalysts and their potential in selectivity regulation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1941-1966	13	44
141	Modified metal-organic frameworks as photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2018 , 231, 317-342	21.8	243
140	Facile fabrication of ZIF-8 embedded millimeter-sized porous polyethersulfone beads for selective dye removal. <i>Polymer Composites</i> , 2018 , 39, 3896-3902	3	5
139	Electrospun soy-protein-based nanofibrous membranes for effective antimicrobial air filtration. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 45766	2.9	39

138	In-situ gelation of sodium alginate supported on melamine sponge for efficient removal of copper ions. <i>Journal of Colloid and Interface Science</i> , 2018 , 512, 7-13	9.3	61
137	Bilayer N-doped carbon derived from furfuryl alcohol-wrapped melamine sponge as high-performance supercapacitor. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 823, 633-637	4.1	13
136	Adsorptive desulfurization from the model fuels by functionalized UiO-66(Zr). <i>Fuel</i> , 2018 , 234, 256-262	7.1	60
135	Alginate-based attapulgite foams as efficient and recyclable adsorbents for the removal of heavy metals. <i>Journal of Colloid and Interface Science</i> , 2018 , 514, 190-198	9.3	95
134	Low-Temperature Transformation of C/SiO ₂ Nanocomposites to β -SiC with High Surface Area. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 1068-1073	8.3	20
133	Fabrication of cellulose nanofibrils/UiO-66-NH ₂ composite membrane for CO ₂ /N ₂ separation. <i>Journal of Membrane Science</i> , 2018 , 568, 10-16	9.6	63
132	Bromomethylated poly(phenylene oxide) (BPPO)-assisted fabrication of UiO-66-NH ₂ /BPPO/polyethersulfone mixed matrix membrane for enhanced gas separation. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46759	2.9	14
131	Design of Melamine Sponge-Based Three-Dimensional Porous Materials toward Applications. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 7322-7330	3.9	82
130	Controlled synthesis of hierarchical beta zeolite through design template to enhance gas-phase beckmann rearrangement performance. <i>Microporous and Mesoporous Materials</i> , 2018 , 272, 202-208	5.3	8
129	Facilitated Transport of CO Through the Transparent and Flexible Cellulose Membrane Promoted by Fixed-Site Carrier. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24930-24936	9.5	39
128	Facile preparation of Zn _{0.5} Cd _{0.5} S@RGO nanocomposites as efficient visible light driven photocatalysts. <i>Journal of Alloys and Compounds</i> , 2017 , 705, 392-398	5.7	15
127	A hierarchically structured PtCo nanoflakes@nanotube as an electrocatalyst for methanol oxidation. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 845-849	6.8	5
126	Nanocellulose-assisted low-temperature synthesis and supercapacitor performance of reduced graphene oxide aerogels. <i>Journal of Power Sources</i> , 2017 , 347, 259-269	8.9	45
125	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	3.7	42
124	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	9.3	37
123	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	3.9	58
122	Isomerization of Styrene Oxide to Phenyl Acetaldehyde over Different Modified Beta Zeolites. <i>Catalysis Letters</i> , 2017 , 147, 1523-1532	2.8	4
121	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	9.6	72

120	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	5.3	13
119	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	9.3	241
118	Highly dispersed Ag/TiO ₂ via adsorptive self-assembly for bactericidal application. <i>RSC Advances</i> , 2017 , 7, 13347-13352	3.7	11
117	Polyimide/cellulose acetate core/shell electrospun fibrous membranes for oil-water separation. <i>Separation and Purification Technology</i> , 2017 , 177, 71-85	8.3	110
116	Facile and fast removal of oil through porous carbon spheres derived from the fruit of Liquidambar formosana. <i>Chemosphere</i> , 2017 , 170, 68-74	8.4	26
115	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	13	52
114	Temperature-induced formation of cellulose nanofiber film with remarkably high gas separation performance. <i>Cellulose</i> , 2017 , 24, 5649-5656	5.5	28
113	Effect of stable antimicrobial nano-silver packaging on inhibiting mildew and in storage of rice. <i>Food Chemistry</i> , 2017 , 215, 477-82	8.5	62
112	Recent advances in the direct fabrication of millimeter-sized hierarchical porous materials. <i>RSC Advances</i> , 2016 , 6, 80840-80846	3.7	19
111	Fast adsorption of methyl blue on zeolitic imidazolate framework-8 and its adsorption mechanism. <i>RSC Advances</i> , 2016 , 6, 109608-109612	3.7	57
110	Rapid Construction of ZnO@ZIF-8 Heterostructures with Size-Selective Photocatalysis Properties. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9080-7	9.5	217
109	Facile synthesis of TaOxNy photocatalysts with enhanced visible photocatalytic activity. <i>RSC Advances</i> , 2016 , 6, 1860-1864	3.7	11
108	Cellulose acetate ultrafiltration membranes reinforced by cellulose nanocrystals: Preparation and characterization. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	22
107	Core-shell structured electrospun nanofibrous membranes for oil-water separation. <i>RSC Advances</i> , 2016 , 6, 41861-41870	3.7	53
106	Millimeter-sized carbon/TiO ₂ beads fabricated by phase inversion method for oil and dye adsorption. <i>RSC Advances</i> , 2016 , 6, 16314-16318	3.7	11
105	Synthesis of ZIF-8 and ZIF-67 using mixed-base and their dye adsorption. <i>Microporous and Mesoporous Materials</i> , 2016 , 234, 287-292	5.3	121
104	Epoxidised soybean oil polymer composites reinforced with modified microcrystalline cellulose. <i>Journal of Experimental Nanoscience</i> , 2016 , 11, 1213-1226	1.9	5
103	Highly efficient removal of arsenic(III) from aqueous solution by zeolitic imidazolate frameworks with different morphology. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 481, 358-366	5.1	88

102	Oriented two-dimensional zeolitic imidazolate framework-L membranes and their gas permeation properties. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 15715-15722	13	118
101	A systematic study on visible-light N-doped TiO ₂ photocatalyst obtained from ethylenediamine by sol-gel method. <i>Applied Surface Science</i> , 2015 , 344, 112-118	6.7	97
100	One-pot hydrothermal synthesis of zeolite/sodium tantalate composite and its photodegradation of methyl orange. <i>Materials Research Bulletin</i> , 2015 , 68, 185-188	5.1	3
99	Strategies for controlling crystal structure and reducing usage of organic ligand and solvents in the synthesis of zeolitic imidazolate frameworks. <i>CrystEngComm</i> , 2015 , 17, 4970-4976	3.3	55
98	Review of the applications of microreactors. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 47, 519-536	16.2	181
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