

An Li

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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.

133
papers

4,577
citations

37
h-index

64
g-index

142
ext. papers

5,771
ext. citations

6.7
avg, IF

6.02
L-index

#	Paper	IF	Citations
133	Superhydrophobic conjugated microporous polymers for separation and adsorption. <i>Energy and Environmental Science</i> , 2011 , 4, 2062	35.4	502
132	Superwetting Monolithic Hollow-Carbon-Nanotubes Aerogels with Hierarchically Nanoporous Structure for Efficient Solar Steam Generation. <i>Advanced Energy Materials</i> , 2019 , 9, 1802158	21.8	231
131	Studies on poly(acrylic acid)/attapulgit superabsorbent composite. I. Synthesis and characterization. <i>Journal of Applied Polymer Science</i> , 2004 , 92, 1596-1603	2.9	224
130	Superhydrophobic activated carbon-coated sponges for separation and absorption. <i>ChemSusChem</i> , 2013 , 6, 1057-62	8.3	172
129	Synthesis of conjugated microporous polymer nanotubes with large surface areas as absorbents for iodine and CO ₂ uptake. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 87-91	13	165
128	Capture and Reversible Storage of Volatile Iodine by Novel Conjugated Microporous Polymers Containing Thiophene Units. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21063-9	9.5	154
127	Utilization of starch and clay for the preparation of superabsorbent composite. <i>Bioresource Technology</i> , 2007 , 98, 327-32	11	153
126	Novel thiophene-bearing conjugated microporous polymer honeycomb-like porous spheres with ultrahigh iodine uptake. <i>Chemical Communications</i> , 2016 , 52, 9797-800	5.8	119
125	Conductive hollow kapok fiber-PPy monolithic aerogels with excellent mechanical robustness for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9673-9679	13	99
124	Robust aerogels based on conjugated microporous polymer nanotubes with exceptional mechanical strength for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18183-18190	13	18190
123	Chitosan/reduced graphene oxide-modified spacer fabric as a salt-resistant solar absorber for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18311-18317	13	85
122	High-Performance Salt-Rejecting and Cost-Effective Superhydrophilic Porous Monolithic Polymer Foam for Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16308-16318	9.5	82
121	Innovative nanoporous carbons with ultrahigh uptakes for capture and reversible storage of CO and volatile iodine. <i>Journal of Hazardous Materials</i> , 2017 , 321, 210-217	12.8	82
120	Facile and Scalable Fabrication of Surface-Modified Sponge for Efficient Solar Steam Generation. <i>ChemSusChem</i> , 2019 , 12, 426-433	8.3	82
119	Studies on poly(acrylic acid)/attapulgit superabsorbent composites. II. Swelling behaviors of superabsorbent composites in saline solutions and hydrophilic solvent/water mixtures. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 1869-1876	2.9	80
118	Novel N-rich porous organic polymers with extremely high uptake for capture and reversible storage of volatile iodine. <i>Journal of Hazardous Materials</i> , 2017 , 338, 224-232	12.8	77
117	Ultralight Biomass Porous Foam with Aligned Hierarchical Channels as Salt-Resistant Solar Steam Generators. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 798-806	9.5	68

116	Capture and reversible storage of volatile iodine by porous carbon with high capacity. <i>Journal of Materials Science</i> , 2015 , 50, 7326-7332	4.3	67
115	Conductively monolithic polypyrrole 3-D porous architecture with micron-sized channels as superior salt-resistant solar steam generators. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 206, 110347	6.4	63
114	Biomass derived porous carbon for efficient capture of carbon dioxide, organic contaminants and volatile iodine with exceptionally high uptake. <i>Chemical Engineering Journal</i> , 2019 , 372, 65-73	14.7	62
113	Preparation of poly(acrylic acid)/graphite oxide superabsorbent nanocomposites. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4811		54
112	Three-dimensional superwetting mesh film based on graphene assembly for liquid transportation and selective absorption. <i>ChemSusChem</i> , 2013 , 6, 2377-81	8.3	53
111	Study on the Morphologies of Covalent Organic Microporous Polymers: the Role of Reaction Solvents. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 1435-1440	2.6	51
110	Superhydrophobic fluorine-rich conjugated microporous polymers monolithic nanofoam with excellent heat insulation property. <i>Chemical Engineering Journal</i> , 2018 , 351, 856-866	14.7	49
109	Electrically Conductive Carbon Aerogels with High Salt-Resistance for Efficient Solar-Driven Interfacial Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 32143-32153	9.5	45
108	Self-floating nanostructured Ni/NiOx/Ni foam for solar thermal water evaporation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8485-8490	13	44
107	Enhanced solar steam generation of hydrogel composite with aligned channel and shape memory behavior. <i>Composites Science and Technology</i> , 2021 , 204, 108633	8.6	44
106	Enhanced thermal conductivity of phase change material nanocomposites based on MnO ₂ nanowires and nanotubes for energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2018 , 180, 158-167	6.4	43
105	Preparation and slow-release property of a poly(acrylic acid)/attapulgitite/sodium humate superabsorbent composite. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 37-45	2.9	43
104	Incorporation of MnO nanoparticles inside porous carbon nanotubes originated from conjugated microporous polymers for lithium storage. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 19132-19139	13	42
103	Facile preparation of superhydrophobic surfaces based on metal oxide nanoparticles. <i>Applied Surface Science</i> , 2014 , 303, 473-480	6.7	42
102	Study on adsorption performance of conjugated microporous polymers for hydrogen and organic solvents: The role of pore volume. <i>European Polymer Journal</i> , 2012 , 48, 705-711	5.2	41
101	Conjugated microporous polymer with film and nanotube-like morphologies. <i>Microporous and Mesoporous Materials</i> , 2013 , 176, 25-30	5.3	39
100	Innovative spongy attapulgitite loaded with n-carboxylic acids as composite phase change materials for thermal energy storage. <i>RSC Advances</i> , 2014 , 4, 38535	3.7	38
99	Potentially scalable fabrication of salt-rejection evaporator based on electrogenerated polypyrrole-coated nickel foam for efficient solar steam generation. <i>Desalination</i> , 2021 , 505, 114982	10.3	38

98	Migration Crystallization Device Based on Biomass Photothermal Materials for Efficient Salt-Rejection Solar Steam Generation. <i>ACS Applied Energy Materials</i> , 2020 , 3, 3024-3032	6.1	37
97	Biomass carbon aerogels based shape-stable phase change composites with high light-to-thermal efficiency for energy storage. <i>Renewable Energy</i> , 2020 , 153, 182-192	8.1	37
96	Superhydrophilic and Oleophobic Porous Architectures Based on Basalt Fibers as Oil-Repellent Photothermal Materials for Solar Steam Generation. <i>ChemSusChem</i> , 2020 , 13, 493-500	8.3	37
95	Superwetting and mechanically robust MnO ₂ nanowire-reduced graphene oxide monolithic aerogels for efficient solar vapor generation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 18092-18099	13	36
94	Hydrophobic carbon nanotubes for removal of oils and organics from water. <i>Journal of Materials Science</i> , 2014 , 49, 6855-6861	4.3	36
93	Hierarchical porous spherical-shaped conjugated microporous polymers for the efficient removal of antibiotics from water. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 11348-11356	13	35
92	Superhydrophobic Mesoporous Graphene for Separation and Absorption. <i>ChemPlusChem</i> , 2013 , 78, 1282-1287	35	
91	Photothermal Conversion Material Derived from Used Cigarette Filters for Solar Steam Generation. <i>ChemSusChem</i> , 2019 , 12, 4257-4264	8.3	33
90	Robust and all-inorganic absorbent based on natural clay nanocrystals with tunable surface wettability for separation and selective absorption. <i>RSC Advances</i> , 2014 , 4, 12590	3.7	33
89	Janus Poly(ionic liquid) Monolithic Photothermal Materials with Superior Salt-Rejection for Efficient Solar Steam Generation. <i>ACS Applied Energy Materials</i> , 2019 , 2, 8862-8870	6.1	33
88	Monolithic nanofoam based on conjugated microporous polymer nanotubes with ultrahigh mechanical strength and flexibility for energy storage. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11676-11681	13	33
87	Benzotriazole-based conjugated microporous polymers as efficient flame retardants with better thermal insulation properties. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8633-8642	13	28
86	Conjugated microporous polymers/n-carboxylic acids composites as form-stable phase change materials for thermal energy storage. <i>RSC Advances</i> , 2013 , 3, 18022	3.7	28
85	Highly efficient solar steam generation of bilayered ultralight aerogels based on N-rich conjugated microporous polymers nanotubes. <i>European Polymer Journal</i> , 2020 , 126, 109560	5.2	26
84	Reduced graphene oxide-coated cottons for selective absorption of organic solvents and oils from water. <i>RSC Advances</i> , 2014 , 4, 30587	3.7	26
83	Ag/polypyrrole co-modified poly(ionic liquid)s hydrogels as efficient solar generators for desalination. <i>Materials Today Energy</i> , 2020 , 16, 100417	7	25
82	Porous carbon framework derived from N-rich hypercrosslinked polymer as the efficient metal-free electrocatalyst for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2019 , 557, 664-672	3	24
81	Fabrication of a Fayalite@C nanocomposite with superior lithium storage for lithium ion battery anodes. <i>RSC Advances</i> , 2014 , 4, 58260-58264	3.7	24

80	Superhydrophilic and mechanically robust phenolic resin as double layered photothermal materials for efficient solar steam generation. <i>Materials Today Energy</i> , 2020 , 16, 100375	7	23
79	Superhydrophobic attapulgite-based films for the selective separation of oils and organic solvents from water. <i>RSC Advances</i> , 2015 , 5, 105319-105323	3.7	21
78	Conjugated Microporous Polymer-Derived Porous Hard Carbon as High-Rate Long-Life Anode Materials for Lithium Ion Batteries. <i>Energy Technology</i> , 2013 , 1, 721-725	3.5	20
77	Particle and nanofiber shaped conjugated microporous polymers bearing hydantoin-substitution with high antibacterial activity for water cleanness. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 266-274	13	20
76	Synthesis of conjugated microporous polymers for gas storage and selective adsorption. <i>Journal of Materials Science</i> , 2015 , 50, 6388-6394	4.3	19
75	Superwetting monolithic hypercrosslinked polymers nanotubes with high salt-resistance for efficient solar steam generation. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 221, 110913	6.4	19
74	Reduced Graphene Oxide Coated Hollow Polyester Fibers for Efficient Solar Steam Generation. <i>Energy Technology</i> , 2019 , 7, 1900265	3.5	18
73	Salt-Rejection Solar Absorbers Based on Porous Ionic Polymers Nanowires for Desalination. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000536	4.8	18
72	Novel Sugar Alcohol/Carbonized Kapok Fiber Composites as Form-Stable Phase-Change Materials with Exceptionally High Latent Heat for Thermal Energy Storage. <i>ACS Omega</i> , 2019 , 4, 4848-4855	3.9	17
71	Sugarcane-Based Photothermal Materials for Efficient Solar Steam Generation. <i>ChemistrySelect</i> , 2019 , 4, 7891-7895	1.8	17
70	Fabrication of palygorskite coated membrane for multifunctional oil-in-water emulsions separation. <i>Applied Clay Science</i> , 2019 , 182, 105295	5.2	17
69	Surface modification of polypyrrole-coated foam for the capture of organic solvents and oils. <i>Journal of Materials Science</i> , 2014 , 49, 4576-4582	4.3	17
68	Functional oil-repellent photothermal materials based on nickel foam for efficient solar steam generation. <i>Solar Energy Materials and Solar Cells</i> , 2020 , 214, 110574	6.4	16
67	Calcination of Porphyrin-Based Conjugated Microporous Polymers Nanotubes As Nanoporous N-Rich Metal-Free Electrocatalysts for Efficient Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2020 , 3, 5260-5268	6.1	16
66	Ionic Liquid-Assisted Alignment of Corn Straw Microcrystalline Cellulose Aerogels with Low Tortuosity Channels for Salt-Assistance Solar Steam Evaporators. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 12181-12190	9.5	16
65	N- and S-doped nanoporous carbon framework derived from conjugated microporous polymers incorporation with ionic liquids for efficient oxygen reduction reaction. <i>Materials Today Energy</i> , 2020 , 16, 100382	7	15
64	Facile preparation of attapulgite-based aerogels with excellent flame retardancy and better thermal insulation properties. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47849	2.9	14
63	The assembly of a polymer and metal nanoparticle coated glass capillary array for efficient solar desalination. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25904-25912	13	14

62	Preparation of polyacrylamide/graphite oxide superabsorbent nanocomposites with salt tolerance and slow release properties. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 2328-2334	2.9	14
61	Graphene and poly(ionic liquid) modified polyurethane sponges with enhanced flame-retardant properties. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45477	2.9	14
60	Evaporation efficiency monitoring device based on biomass photothermal material for salt-resistant solar-driven interfacial evaporation. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 222, 110941	6.4	14
59	Low-Resistance Thiophene-Based Conjugated Microporous Polymer Nanotube Filters for Efficient Particulate Matter Capture and Oil/Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 5823-5833	9.5	14
58	Evaluation of Iron-Containing Aluminophosphate Molecular Sieve Catalysts Prepared by Different Methods for Phenol Hydroxylation. <i>Catalysis Letters</i> , 2013 , 143, 657-665	2.8	13
57	Conductive polymer-coated mesh films with tunable surface wettability for separation of oils and organics from water. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	12
56	Salt-Resistant Photothermal Materials Based on Monolithic Porous Ionic Polymers for Efficient Solar Steam Generation. <i>ACS Applied Energy Materials</i> , 2020 , 3, 8746-8754	6.1	12
55	Mechanically Robust and Flame-Retardant Silicon Aerogel Elastomers for Thermal Insulation and Efficient Solar Steam Generation. <i>ACS Omega</i> , 2020 , 5, 8638-8646	3.9	11
54	Facile Preparation of a Carbon-Based Hybrid Film for Efficient Solar-Driven Interfacial Water Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 33427-33436	9.5	11
53	Self-cleaning and flexible filters based on aminopyridine conjugated microporous polymers nanotubes for bacteria sterilization and efficient PM capture. <i>Science of the Total Environment</i> , 2021 , 766, 142594	10.2	11
52	Porous Carbon Nanofoam Derived From Pitch as Solar Receiver for Efficient Solar Steam Generation. <i>Global Challenges</i> , 2020 , 4, 1900098	4.3	10
51	Synthesis of aminopyridine-containing conjugated microporous polymers with excellent superhydrophobicity for oil/water separation. <i>New Journal of Chemistry</i> , 2018 , 42, 14863-14869	3.6	10
50	Enhanced Solar-to-Heat Efficiency of Photothermal Materials Containing an Additional Light-Reflection Layer for Solar-Driven Interfacial Water Evaporation. <i>ACS Applied Energy Materials</i> , 2021 , 4, 2932-2943	6.1	10
49	Synthesis and Properties of Conjugated Microporous Polymers Bearing Pyrazine Moieties with Macroscopically Porous 3D Networks Structures. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1104-1110	3.9	10
48	Facile tuning the morphology and porosity of a superwetting conjugated microporous polymers. <i>Reactive and Functional Polymers</i> , 2016 , 106, 105-111	4.6	10
47	Modified Hollow Glass Microspheres/Reduced Graphene Oxide Composite Aerogels with Low Thermal Conductivity for Highly Efficient Solar Steam Generation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 42803-42812	9.5	10
46	Dodecylamine/Ti3C2-pectin form-stable phase change composites with enhanced light-to-thermal conversion and mechanical properties. <i>Renewable Energy</i> , 2021 , 176, 663-674	8.1	10
45	A Sponge-Like 3D-PPy Monolithic Material for Reversible Adsorption of Radioactive Iodine. <i>Macromolecular Materials and Engineering</i> , 2017 , 302, 1700156	3.9	9

44	Synthesis and Properties of Nitrogen-Containing Conjugated Microporous Polymers. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 451-456	3.9	9
43	In Situ Preparation of Polyethylene Glycol/ Silver Nanoparticles Composite Phase Change Materials with Enhanced Thermal Conductivity. <i>ChemistrySelect</i> , 2017 , 2, 3428-3436	1.8	8
42	The Friction and Wear Properties of Metal-Doped DLC Films under Current-Carrying Condition. <i>Tribology Transactions</i> , 2019 , 62, 1119-1128	1.8	8
41	Monolithic nanoporous polymers bearing POSS moiety as efficient flame retardant and thermal insulation materials. <i>Reactive and Functional Polymers</i> , 2019 , 143, 104345	4.6	8
40	KOH Activated Nitrogen Doped Hard Carbon Nanotubes as High Performance Anode for Lithium Ion Batteries. <i>Electronic Materials Letters</i> , 2018 , 14, 755-765	2.9	8
39	Synthesis and Properties of GO-Doped Porous Hydrogel Nanocomposites with Semi-Interpenetrating Network Structure. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 1345-1351	3.9	8
38	Biological Degradation and Transformation Characteristics of Total Petroleum Hydrocarbons by Oil Degradation Bacteria Adsorbed on Modified Straw. <i>ACS Omega</i> , 2019 , 4, 10921-10928	3.9	7
37	Novel composite phase change materials based on hollow carbon nanospheres supporting fatty amines with high light-to-thermal transition efficiency. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 225, 111035	6.4	7
36	Ionic liquid and magnesium hydrate incorporated conjugated microporous polymers nanotubes with superior flame retardancy and thermal insulation. <i>Polymer</i> , 2020 , 194, 122387	3.9	6
35	Synthesis of novel porous graphene nanocomposite and its use as electrode and absorbent. <i>RSC Advances</i> , 2014 , 4, 14042	3.7	6
34	Facile preparation of composite flame retardant based on conjugated microporous polymer hollow spheres. <i>Journal of Colloid and Interface Science</i> , 2021 , 586, 152-162	9.3	6
33	Facile synthesis of porous organic polymers (POPs) membrane via click chemistry for efficient PM2.5 capture. <i>Separation and Purification Technology</i> , 2021 , 258, 118049	8.3	6
32	Efficient Capture and Reversible Storage of Radioactive Iodine by Porous Graphene with High Uptake. <i>ChemistrySelect</i> , 2018 , 3, 10147-10152	1.8	6
31	Flexible and UV Resistant Films Based on Thiophene-Substituted Conjugated Microporous Polymers Bearing Alkyl Chains: Tuning of Rigidity into Soft. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700619	3.9	5
30	Preparation of superhydrophobic surfaces by cauliflower-like polyaniline. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	5
29	Recent Progress on the Solar-Driven Interfacial Evaporation Based on Natural Products and Synthetic Polymers. <i>Solar Rrl</i> , 2100475	7.1	5
28	Hierarchically structured SAPO-5 molecular sieve catalysts with tailored mesoporosity for alkylation reaction. <i>Journal of Porous Materials</i> , 2015 , 22, 577-584	2.4	4
27	Magnesium hydroxide coated hollow glass microspheres/chitosan composite aerogels with excellent thermal insulation and flame retardancy.. <i>Journal of Colloid and Interface Science</i> , 2021 , 612, 35-42	9.3	4

26	FeO/PPy-Coated Superhydrophilic Polymer Porous Foam: A Double Layered Photothermal Material with a Synergistic Light-to-Thermal Conversion Effect toward Desalination. <i>Langmuir</i> , 2021 , 37, 12397-12408	4	4
25	Superwetting Electrospun PDMS/PMMA Membrane for PM Capture and Microdroplet Transfer. <i>Langmuir</i> , 2021 , 37, 12972-12980	4	4
24	Efficient Solar Steam Generation of Carbon Black Incorporated Hyper-Cross-Linked Polymer Composites. <i>ACS Applied Energy Materials</i> , 2020 , 3, 11350-11358	6.1	4
23	Enhanced light-to-thermal conversion performance of all-carbon aerogels based form-stable phase change material composites. <i>Journal of Colloid and Interface Science</i> , 2022 , 605, 60-70	9.3	4
22	Efficient capture of PM2.5 by intertwined tubular conjugated microporous polymer-based filters with high stability in a humid environment. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 7703-7711	13	4
21	An environmentally friendly clay-based polymer composite paper. <i>Journal of Applied Polymer Science</i> , 2017 , 134, 45128	2.9	3
20	Synthesis and electrocatalytic properties of M (Fe, Co),N co-doped porous carbon frameworks for efficient oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2022 , 47, 9504-9516	6.7	3
19	Hollow SiO ₂ microspheres in-situ doped poly(ionic liquid)s gels as efficient solar steam generators for desalination.. <i>Journal of Colloid and Interface Science</i> , 2022 , 613, 661-670	9.3	3
18	Effect of the Variation of Film Thickness on the Properties of Multilayered Si-Doped Diamond-Like Carbon Films Deposited on SUS 304, Al and Cu Substrates. <i>Journal of Materials Engineering and Performance</i> , 2020 , 29, 8473-8483	1.6	3
17	Hollow porous organic polymers spheres decorated with silver nanoparticles for sterilization and oil/water separation. <i>Microporous and Mesoporous Materials</i> , 2021 , 324, 111307	5.3	3
16	Robustly Inorganic Solar Steam Generator Derived from Hollow Glass Microspheres Based Composites for Desalination. <i>Solar Rrl</i> , 2100771	7.1	2
15	N-rich mesoporous carbon supported Co ₂ N ₂ C and Fe ₂ N ₂ C catalysts derived from o-phenylenediamine for oxygen reduction reaction. <i>International Journal of Energy Research</i> , 2021 , 45, 13531-13544	4.5	2
14	Nanostructured tubular carbon materials doped with cobalt as electrocatalyst for efficient oxygen reduction reaction. <i>Journal of Materials Science</i> , 2021 , 56, 8143-8158	4.3	2
13	Polymeric-hydrogel-coated iron oxide magnetic particles for efficient solvent dehydration. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46869	2.9	2
12	Carbon Soot/nCarboxylic Acids Composites As Form-stable Phase Change Materials For Thermal Energy Storage. <i>ChemistrySelect</i> , 2019 , 4, 7108-7115	1.8	1
11	Selective Adsorption and Efficient Degradation of Petroleum Hydrocarbons by a Hydrophobic/Lipophilic Biomass Porous Foam Loaded with Microbials. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 53586-53598	9.5	1
10	Porous organic polymers (POPs) membrane via thiol-yne click chemistry for efficient particulate matter capture and microplastics separation. <i>Microporous and Mesoporous Materials</i> , 2022 , 329, 111509	5.3	1
9	Fabrication of Ag nanoparticles doped hypercrosslinked polymers monoliths for solar desalination. <i>Polymer</i> , 2021 , 231, 124115	3.9	1

8	Efficient capture of airborne PM by nanotubular conjugated microporous polymers based filters under harsh conditions. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127047	12.8	1
7	Nitrogen-doping hollow carbon nanospheres derived from conjugated microporous polymers toward oxygen reduction reaction.. <i>Journal of Colloid and Interface Science</i> , 2022 , 617, 11-19	9.3	1
6	Facile Preparation of Porous Graphene Oxide-Based Nanocomposite Xerogel for Selective Absorption. <i>ChemistrySelect</i> , 2017 , 2, 8493-8499	1.8	0
5	Fatty Amines Embedded Carbon Membranes with Aligned Nanochannels Network: A Device with Extremely High Photothermal Conversion Efficiency toward Solar Energy Harvesting and Storage. <i>Solar Rrl</i> ,2100924	7.1	0
4	Conjugated microporous polymer foams with excellent thermal insulation performance in a humid environment.. <i>RSC Advances</i> , 2021 , 11, 13957-13963	3.7	0
3	Flexible and double-layered photothermal material based on resorcinol-formaldehyde foam for solar assisted water desalination. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 232, 111350	6.4	0
2	Palladium-ytterbium bimetallic electrocatalysts supported on carbon black, titanium suboxide, or poly(diallyldimethylammonium chloride)-functionalized titanium suboxide towards methanol oxidation in alkaline media. <i>Ionics</i> , 2018 , 24, 3085-3094	2.7	
1	Novel Porphyrin-Based Hypercrosslinked Polymers as Highly Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>Energy Technology</i> ,2101097	3.5	