

Hong Wu

List of Publications by Year in descending order

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260
papers

16,736
citations

10986

71
h-index

22166

113
g-index

264
all docs

264
docs citations

264
times ranked

10528
citing authors

#	ARTICLE	IF	CITATIONS
1	Vapor-liquid interfacial polymerization of covalent organic framework membranes for efficient alcohol dehydration. <i>Journal of Membrane Science</i> , 2022, 641, 119905.	8.2	18
2	Ultrathin nanofiltration membrane assembled by polyethyleneimine-grafted graphene quantum dots. <i>Journal of Membrane Science</i> , 2022, 642, 119944.	8.2	25
3	Sulfonated lignin intercalated graphene oxide membranes for efficient proton conduction. <i>Journal of Membrane Science</i> , 2022, 644, 120126.	8.2	17
4	Mix-charged polyamide membranes via molecular hybridization for selective ionic nanofiltration. <i>Journal of Membrane Science</i> , 2022, 644, 120051.	8.2	29
5	Charged nanochannels endow COF membrane with weakly concentration-dependent methanol permeability. <i>Journal of Membrane Science</i> , 2022, 645, 120186.	8.2	10
6	Efficient ethylene/ethane separation through ionic liquid-confined covalent organic framework membranes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5420-5429.	10.3	29
7	Synergism of orderly intrinsic and extrinsic proton-conducting sites in covalent organic framework membranes. <i>Chemical Engineering Research and Design</i> , 2022, 179, 484-492.	5.6	3
8	Use of cellular metabolomics and lipidomics to decipher the mechanism of Huachansu injection-based intervention against human hepatocellular carcinoma cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114654.	2.8	16
9	Assembling covalent organic framework membranes with superior ion exchange capacity. <i>Nature Communications</i> , 2022, 13, 1020.	12.8	79
10	Tröger's Base Polyimide Hybrid Membranes by Incorporating UiO-66-NH ₂ Nanoparticles for Gas Separation. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3418-3427.	3.7	10
11	Dietary Advanced Glycation End Products Affects the Progression of Early Diabetes by Intervening in Carbohydrate and Lipid Metabolism. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2200046.	3.3	6
12	The anti-angiogenesis mechanism of Geniposide on rheumatoid arthritis is related to the regulation of PTEN. <i>Inflammopharmacology</i> , 2022, 30, 1047-1062.	3.9	9
13	Weakly pressure-dependent molecular sieving of propylene/propane mixtures through mixed matrix membrane with ZIF-8 direct-through channels. <i>Journal of Membrane Science</i> , 2022, 648, 120366.	8.2	26
14	A facile metal ion pre-anchored strategy for fabrication of defect-free MOF membranes on polymeric substrates. <i>Journal of Membrane Science</i> , 2022, 650, 120419.	8.2	27
15	Incorporating amino acids functionalized graphene oxide nanosheets into Pebax membranes for CO ₂ separation. <i>Separation and Purification Technology</i> , 2022, 288, 120682.	7.9	23
16	Anionic covalent organic framework engineered high-performance polyamide membrane for divalent anions removal. <i>Journal of Membrane Science</i> , 2022, 650, 120451.	8.2	22
17	2D nanosheets seeding layer modulated covalent organic framework membranes for efficient desalination. <i>Desalination</i> , 2022, 532, 115753.	8.2	26
18	Geniposide alleviates VEGF-induced angiogenesis by inhibiting VEGFR2/PKC/ERK1/2-mediated SphK1 translocation. <i>Phytomedicine</i> , 2022, 100, 154068.	5.3	15

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19	Confined facilitated transport within covalent organic frameworks for propylene/propane membrane separation. <i>Chemical Engineering Journal</i> , 2022, 439, 135657.	12.7	20
20	Synthesis of Proton Conductive Copolymers of Inorganic Polyacid Cluster Polyelectrolytes and PEO Bottlebrush Polymers. <i>Macromolecules</i> , 2022, 55, 3301-3310.	4.8	6
21	MOF@COF Alloy Membranes for Efficient Propylene/Propane Separation. <i>Advanced Materials</i> , 2022, 34, e2201423.	21.0	39
22	Enhanced Electro-Fenton Degradation of Ciprofloxacin by Membrane Aeration. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 8141-8148.	3.7	8
23	Modulating interfacial polymerization with phytate as aqueous-phase additive for highly-permselective nanofiltration membranes. <i>Journal of Membrane Science</i> , 2022, 657, 120673.	8.2	47
24	Assembling covalent organic framework membranes via phase switching for ultrafast molecular transport. <i>Nature Communications</i> , 2022, 13, .	12.8	42
25	Vermiculite membranes intercalated with amino acids for efficient biogas upgrading. <i>Separation and Purification Technology</i> , 2022, 297, 121465.	7.9	9
26	Charged Nanochannels in Covalent Organic Framework Membranes Enabling Efficient Ion Exclusion. <i>ACS Nano</i> , 2022, 16, 11781-11791.	14.6	32
27	Photo-tailored heterocrystalline covalent organic framework membranes for organics separation. <i>Nature Communications</i> , 2022, 13, .	12.8	35
28	Defective Layered Double Hydroxide Nanosheet Boosts Electrocatalytic Hydrodechlorination Reaction on Supported Palladium Nanoparticles. <i>ACS ES&T Water</i> , 2022, 2, 1451-1460.	4.6	17
29	Cucurbit[n]uril-rotaxanes functionalized membranes with heterogeneous channel and regenerable surface for efficient and sustainable nanofiltration. <i>Journal of Membrane Science</i> , 2022, 659, 120765.	8.2	4
30	Anti-biofouling nanofiltration membrane constructed by in-situ photo-grafting bactericidal and hydrophilic polymers. <i>Journal of Membrane Science</i> , 2021, 617, 118658.	8.2	39
31	Multifunctional covalent organic framework (COF)-Based mixed matrix membranes for enhanced CO ₂ separation. <i>Journal of Membrane Science</i> , 2021, 618, 118693.	8.2	88
32	Exfoliation-free layered double hydroxides laminates intercalated with amino acids for enhanced CO ₂ separation of mixed matrix membrane. <i>Journal of Membrane Science</i> , 2021, 618, 118691.	8.2	38
33	<i>In situ</i> knitted microporous polymer membranes for efficient CO ₂ capture. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2126-2134.	10.3	4
34	Lamellar porous vermiculite membranes for boosting nanofluidic osmotic energy conversion. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14576-14581.	10.3	56
35	Three-dimensional covalent organic framework membrane for efficient proton conduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17720-17723.	10.3	32
36	Organic molecular sieve membranes for chemical separations. <i>Chemical Society Reviews</i> , 2021, 50, 5468-5516.	38.1	170

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37	Optimizing the sulfonic groups of a polymer to coat the zinc anode for dendrite suppression. <i>Chemical Communications</i> , 2021, 57, 5326-5329.	4.1	30
38	Heterostructured graphene oxide membranes with tunable water-capture coatings for highly selective water permeation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7903-7912.	10.3	18
39	Homointerface covalent organic framework membranes for efficient desalination. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23178-23187.	10.3	48
40	COF membranes with uniform and exchangeable facilitated transport carriers for efficient carbon capture. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12636-12643.	10.3	55
41	Enhancing Proton Conductivity of Sulfonated Poly(ether ether ketone)-Based Membranes by Incorporating Phosphotungstic-Acid-Coupled Graphene Oxide. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 4460-4470.	3.7	22
42	Ion Selective Covalent Organic Framework Enabling Enhanced Electrochemical Performance of Lithium-Sulfur Batteries. <i>Nano Letters</i> , 2021, 21, 2997-3006.	9.1	102
43	Surface functionalization of Polymers of Intrinsic Microporosity (PIMs) membrane by polyphenol for efficient CO ₂ separation. <i>Green Chemical Engineering</i> , 2021, 2, 70-76.	6.3	13
44	Electrostatic-modulated interfacial polymerization toward ultra-permselective nanofiltration membranes. <i>iScience</i> , 2021, 24, 102369.	4.1	67
45	Highly Proton Conductive Phosphoric Acid Porous Organic Polymers via Knitting Method. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 6337-6343.	3.7	10
46	Deciphering the metabolic profile and pharmacological mechanisms of <i>Achyranthes bidentata</i> blume saponins using ultra-performance liquid chromatography quadrupole time-of-flight mass spectrometry coupled with network pharmacology-based investigation. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114067.	4.1	19
47	The interplay between fibroblast-like synovial and vascular endothelial cells leads to angiogenesis via the sphingosine-1-phosphate-induced ρ -Actin and Ras/Erk1/2 pathways and the intervention of geniposide. <i>Phytotherapy Research</i> , 2021, 35, 5305-5317.		13
48	Tight Covalent Organic Framework Membranes for Efficient Anion Transport via Molecular Precursor Engineering. <i>Angewandte Chemie</i> , 2021, 133, 17779-17787.	2.0	15
49	Fouling-resistant robust membranes via electrostatic complexation for water purification. <i>Chemical Engineering Journal</i> , 2021, 416, 129139.	12.7	11
50	Scalable Fabrication of Crystalline COF Membranes from Amorphous Polymeric Membranes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18051-18058.	13.8	81
51	Improved proton conduction of sulfonated poly(ether ether ketone) membrane by sulfonated covalent organic framework nanosheets. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 26550-26559.	7.1	23
52	Scalable Fabrication of Crystalline COF Membranes from Amorphous Polymeric Membranes. <i>Angewandte Chemie</i> , 2021, 133, 18199-18206.	2.0	7
53	Tight Covalent Organic Framework Membranes for Efficient Anion Transport via Molecular Precursor Engineering. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17638-17646.	13.8	63
54	Incorporating covalent organic framework nanosheets into polyamide membranes for efficient desalination. <i>Separation and Purification Technology</i> , 2021, 274, 119046.	7.9	31

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55	Engineering multi-pathway graphene oxide membranes toward ultrafast water purification. <i>Journal of Membrane Science</i> , 2021, 638, 119706.	8.2	24
56	Angiogenesis as a potential treatment strategy for rheumatoid arthritis. <i>European Journal of Pharmacology</i> , 2021, 910, 174500.	3.5	43
57	Solvent-processable OD covalent organic framework quantum dot engineered composite membranes for biogas upgrading. <i>Journal of Membrane Science</i> , 2021, 640, 119803.	8.2	17
58	Inhibition of sphingosine 1-phosphate (S1P) receptor 1/2/3 ameliorates biological dysfunction in rheumatoid arthritis fibroblast-like synoviocyte MH7A cells through G β i/G β s rebalancing. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 1080-1089.	1.9	5
59	Therapeutic Potential of SphK1 Inhibitors Based on Abnormal Expression of SphK1 in Inflammatory Immune Related-Diseases. <i>Frontiers in Pharmacology</i> , 2021, 12, 733387.	3.5	24
60	Oil-Water-Oil Triphase Synthesis of Ionic Covalent Organic Framework Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27078-27085.	13.8	51
61	Oil-Water-Oil Triphase Synthesis of Ionic Covalent Organic Framework Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 27284-27291.	2.0	7
62	Water-selective hybrid membranes with improved interfacial compatibility from mussel-inspired dopamine-modified alginate and covalent organic frameworks. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 90-97.	3.5	10
63	Effect of organic grafting expandable graphite on combustion behaviors and thermal stability of low-density polyethylene composites. <i>Polymer Composites</i> , 2020, 41, 719-728.	4.6	10
64	Metabolites from <i>Bufo gargarizans</i> (Cantor, 1842): A review of traditional uses, pharmacological activity, toxicity and quality control. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112178.	4.1	62
65	2D layered double hydroxide membranes with intrinsic breathing effect toward CO ₂ for efficient carbon capture. <i>Journal of Membrane Science</i> , 2020, 598, 117663.	8.2	41
66	Construction of high selectivity and antifouling nanofiltration membrane via incorporating macrocyclic molecules into active layer. <i>Journal of Membrane Science</i> , 2020, 597, 117641.	8.2	45
67	Accelerating CO ₂ capture of highly permeable polymer through incorporating highly selective hollow zeolite imidazolate framework. <i>AIChE Journal</i> , 2020, 66, e16800.	3.6	21
68	Amino-functionalized POSS nanocage intercalated graphene oxide membranes for efficient biogas upgrading. <i>Journal of Membrane Science</i> , 2020, 596, 117733.	8.2	43
69	Polyelectrolyte membranes with tunable hollow CO ₂ -philic clusters via sacrificial template for biogas upgrading. <i>Journal of Membrane Science</i> , 2020, 612, 118445.	8.2	6
70	Weakly Humidity-Dependent Proton-Conducting COF Membranes. <i>Advanced Materials</i> , 2020, 32, e2005565.	21.0	201
71	Antifouling Nanofiltration Membrane Fabrication via Surface Assembling Light-Responsive and Regenerable Functional Layer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52050-52058.	8.0	31
72	Membrane-Based Olefin/Paraffin Separations. <i>Advanced Science</i> , 2020, 7, 2001398.	11.2	105

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73	De Novo Design of Covalent Organic Framework Membranes toward Ultrafast Anion Transport. <i>Advanced Materials</i> , 2020, 32, e2001284.	21.0	130
74	Ultrathin heterostructured covalent organic framework membranes with interfacial molecular sieving capacity for fast water-selective permeation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 19328-19336.	10.3	43
75	Anti-Inflammatory Effect of Geniposide on Regulating the Functions of Rheumatoid Arthritis Synovial Fibroblasts via Inhibiting Sphingosine-1-Phosphate Receptors1/3 Coupling $GI\pm i/GI\pm s$ Conversion. <i>Frontiers in Pharmacology</i> , 2020, 11, 584176.	3.5	13
76	Graphene quantum dot engineered ultrathin loose polyamide nanofilms for high-performance nanofiltration. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23930-23938.	10.3	95
77	Covalent Organic Framework Nanosheets as Reactive Fillers To Fabricate Free-Standing Polyamide Membranes for Efficient Desalination. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27777-27785.	8.0	62
78	Sphingosine kinase 1/sphingosine 1-phosphate/sphingosine 1-phosphate receptor 1 pathway: A novel target of geniposide to inhibit angiogenesis. <i>Life Sciences</i> , 2020, 256, 117988.	4.3	25
79	An Interfaceâ€Bridged Organicâ€Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultraâ€Longâ€Life Aqueous Zinc Metal Anodes. <i>Angewandte Chemie</i> , 2020, 132, 16737-16744.	2.0	52
80	Surface Modification of TFC-PA RO Membrane by Grafting Hydrophilic pH Switchable Poly(Acrylic Acid) Brushes. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-12.	1.7	17
81	An Interfaceâ€Bridged Organicâ€Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultraâ€Longâ€Life Aqueous Zinc Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16594-16601.	13.8	270
82	Solidâ€Vapor Interface Engineered Covalent Organic Framework Membranes for Molecular Separation. <i>Journal of the American Chemical Society</i> , 2020, 142, 13450-13458.	13.7	161
83	Ultrathin fluorinated self-cleaning membranes <i>via</i> coordination-driven metal-bridging assembly for water purification. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4505-4514.	10.3	31
84	Amino-functionalized ZIF-7 embedded polymers of intrinsic microporosity membrane with enhanced selectivity for biogas upgrading. <i>Journal of Membrane Science</i> , 2020, 602, 117970.	8.2	53
85	Two-dimensional nanochannel membranes for molecular and ionic separations. <i>Chemical Society Reviews</i> , 2020, 49, 1071-1089.	38.1	242
86	Modification of covalent organic frameworks with dual functions ionic liquids for membrane-based biogas upgrading. <i>Journal of Membrane Science</i> , 2020, 600, 117841.	8.2	53
87	Incorporating nano-sized ZIF-67 to enhance selectivity of polymers of intrinsic microporosity membranes for biogas upgrading. <i>Chemical Engineering Science</i> , 2020, 216, 115497.	3.8	23
88	Intrinsic proton conductive deoxyribonucleic acid (DNA) intercalated graphene oxide membrane for high-efficiency proton conduction. <i>Journal of Membrane Science</i> , 2020, 606, 118136.	8.2	9
89	Metalâ€Organic Nanogel with Sulfonated Three-Dimensional Continuous Channels as a Proton Conductor. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19788-19796.	8.0	24
90	Preparing proton exchange membranes via incorporating silica-based nanoscale ionic materials for the enhanced proton conductivity. <i>Solid State Ionics</i> , 2020, 349, 115294.	2.7	17

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91	Polymer Electrolyte Membranes with Hybrid Cluster Network for Efficient CO ₂ /CH ₄ Separation. ACS Sustainable Chemistry and Engineering, 2020, 8, 6815-6825.	6.7	15
92	Incorporating self-anchored phosphotungstic acid@triazole-functionalized covalent organic framework into sulfonated poly(ether ether ketone) for enhanced proton conductivity. Solid State Ionics, 2020, 349, 115316.	2.7	23
93	Enhancement in proton conductivity by blending poly(polyoxometalate)-b-poly(hexanoic acid) block copolymers with sulfonated polysulfone. International Journal of Hydrogen Energy, 2020, 45, 15495-15506.	7.1	6
94	Enhanced Proton Conductivity of Sulfonated Polysulfone Membranes under Low Humidity via the Incorporation of Multifunctional Graphene Oxide. ACS Applied Nano Materials, 2019, 2, 4734-4743.	5.0	46
95	Mixed Nanosheet Membranes Assembled from Chemically Grafted Graphene Oxide and Covalent Organic Frameworks for Ultra-high Water Flux. ACS Applied Materials & Interfaces, 2019, 11, 28978-28986.	8.0	72
96	A MOF membrane with ultrathin ZIF-8 layer bonded on ZIF-8 in-situ embedded PSf substrate. Journal of the Taiwan Institute of Chemical Engineers, 2019, 104, 273-283.	5.3	29
97	Supramolecular Calix[n]arenes-Intercalated Graphene Oxide Membranes for Efficient Proton Conduction. ACS Applied Materials & Interfaces, 2019, 11, 42250-42260.	8.0	15
98	Control of Edge/in-Plane Interactions toward Robust, Highly Proton Conductive Graphene Oxide Membranes. ACS Nano, 2019, 13, 10366-10375.	14.6	50
99	Metal-coordinated sub-10 nm membranes for water purification. Nature Communications, 2019, 10, 4160.	12.8	104
100	Ultrathin nanofiltration membrane with polydopamine-covalent organic framework interlayer for enhanced permeability and structural stability. Journal of Membrane Science, 2019, 576, 131-141.	8.2	238
101	Constructing interconnected ionic cluster network in polyelectrolyte membranes for enhanced CO ₂ permeation. Chemical Engineering Science, 2019, 199, 275-284.	3.8	24
102	Nanoporous Phyllosilicate Assemblies for Enzyme Immobilization. ACS Applied Bio Materials, 2019, 2, 777-786.	4.6	16
103	Imidazolium-functionalized carbon nanotubes crosslinked with imidazole poly(ether ether ketone) for fabricating anion exchange membranes with high hydroxide conductivity and dimension stability. Electrochimica Acta, 2019, 318, 572-580.	5.2	18
104	Covalent organic framework membranes through a mixed-dimensional assembly for molecular separations. Nature Communications, 2019, 10, 2101.	12.8	271
105	Mixed matrix membrane contactor containing core-shell hierarchical Cu@4A filler for efficient SO ₂ capture. Journal of Hazardous Materials, 2019, 376, 160-169.	12.4	16
106	110th Anniversary: Mixed Matrix Membranes with Fillers of Intrinsic Nanopores for Gas Separation. Industrial & Engineering Chemistry Research, 2019, 58, 7706-7724.	3.7	54
107	Constructing channel-mediated facilitated transport membranes by incorporating covalent organic framework nanosheets with tunable microenvironments. Journal of Materials Chemistry A, 2019, 7, 9912-9923.	10.3	25
108	Chemical and metabolic analysis of Achyranthes bidentate saponins with intestinal microflora-mediated biotransformation by ultra-performance liquid chromatography-quadrupole time-of-flight mass spectrometry coupled with metabolism platform. Journal of Pharmaceutical and Biomedical Analysis, 2019, 170, 305-320.	2.8	32

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109	Flexible, transparent ion-conducting membranes from two-dimensional nanoclays of intrinsic conductivity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25657-25664.	10.3	14
110	Covalent organic framework-modulated interfacial polymerization for ultrathin desalination membranes. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25641-25649.	10.3	173
111	Hollow monocrystalline silicalite-1 hybrid membranes for efficient pervaporative desulfurization. <i>AIChE Journal</i> , 2019, 65, 196-206.	3.6	12
112	Porous organosilicon nanotubes in Pebax-based mixed-matrix membranes for biogas purification. <i>Journal of Membrane Science</i> , 2019, 573, 301-308.	8.2	41
113	Enhanced carbon dioxide flux by catechol-Zn ²⁺ synergistic manipulation of graphene oxide membranes. <i>Chemical Engineering Science</i> , 2019, 195, 230-238.	3.8	26
114	Preparation of anion exchange membrane with enhanced conductivity and alkaline stability by incorporating ionic liquid modified carbon nanotubes. <i>Journal of Membrane Science</i> , 2019, 573, 1-10.	8.2	58
115	High-efficiency water-selective membranes from the solution-diffusion synergy of calcium alginate layer and covalent organic framework (COF) layer. <i>Journal of Membrane Science</i> , 2019, 572, 557-566.	8.2	48
116	Essential Oil Extracted from <i>Cymbopogon citroneola</i> Leaves by Supercritical Carbon Dioxide: Antioxidant and Antimicrobial Activities. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-10.	1.6	22
117	Incorporating phosphoric acid-functionalized polydopamine into Nafion polymer by in situ sol-gel method for enhanced proton conductivity. <i>Journal of Membrane Science</i> , 2019, 570-571, 236-244.	8.2	19
118	Layer-by-layer self-assembled nanocomposite membranes via bio-inspired mineralization for pervaporation dehydration. <i>Journal of Membrane Science</i> , 2019, 570-571, 44-52.	8.2	22
119	Influence of blending zwitterionic functionalized titanium nanotubes on flux and anti-fouling performance of polyamide nanofiltration membranes. <i>Journal of Materials Science</i> , 2018, 53, 10499-10512.	3.7	19
120	Phosphorylated graphene monoliths with high mixed proton/electron conductivity. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8499-8506.	10.3	12
121	Embedding Ag + @COFs within Pebax membrane to confer mass transport channels and facilitated transport sites for elevated desulfurization performance. <i>Journal of Membrane Science</i> , 2018, 552, 1-12.	8.2	61
122	One-pot fabrication of chitin-shellac composite microspheres for efficient enzyme immobilization. <i>Journal of Biotechnology</i> , 2018, 266, 1-8.	3.8	28
123	Manipulation of interactions at membrane interfaces for energy and environmental applications. <i>Progress in Polymer Science</i> , 2018, 80, 125-152.	24.7	56
124	Water-selective permeation in hybrid membrane incorporating multi-functional hollow ZIF-8 nanospheres. <i>Journal of Membrane Science</i> , 2018, 555, 146-156.	8.2	57
125	Constructing facilitated transport pathway in hybrid membranes by incorporating MoS ₂ nanosheets. <i>Journal of Membrane Science</i> , 2018, 545, 29-37.	8.2	42
126	Bimetallic metal-organic frameworks nanocages as multi-functional fillers for water-selective membranes. <i>Journal of Membrane Science</i> , 2018, 545, 19-28.	8.2	44

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127	Nanoporous ZIF-67 embedded polymers of intrinsic microporosity membranes with enhanced gas separation performance. <i>Journal of Membrane Science</i> , 2018, 548, 309-318.	8.2	130
128	Functionally graded membranes from nanoporous covalent organic frameworks for highly selective water permeation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 583-591.	10.3	103
129	Significantly enhanced CO ₂ capture properties by synergy of zinc ion and sulfonate in Pebax-pitch hybrid membranes. <i>Journal of Membrane Science</i> , 2018, 549, 670-679.	8.2	41
130	Zwitterionic functionalized "cage-like" porous organic frameworks for nanofiltration membrane with high efficiency water transport channels and anti-fouling property. <i>Journal of Membrane Science</i> , 2018, 548, 194-202.	8.2	51
131	Heterobimetallic metal-organic framework nanocages as highly efficient catalysts for CO ₂ conversion under mild conditions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2964-2973.	10.3	73
132	Fuel Cells: Graphene Oxide-Based Solid Electrolytes with 3D Prepercolating Pathways for Efficient Proton Transport (<i>Adv. Funct. Mater.</i> 50/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870358.	14.9	2
133	Fabrication of Nafion/zwitterion-functionalized covalent organic framework composite membranes with improved proton conductivity. <i>Journal of Membrane Science</i> , 2018, 568, 1-9.	8.2	70
134	Graphene Oxide-Based Solid Electrolytes with 3D Prepercolating Pathways for Efficient Proton Transport. <i>Advanced Functional Materials</i> , 2018, 28, 1804944.	14.9	48
135	Novel anti-inflammatory target of geniposide: Inhibiting Itg α 1/Ras-Erk1/2 signal pathway via the miRNA-124a in rheumatoid arthritis synovial fibroblasts. <i>International Immunopharmacology</i> , 2018, 65, 284-294.	3.8	42
136	Heterostructured filler in mixed matrix membranes to coordinate physical and chemical selectivities for enhanced CO ₂ separation. <i>Journal of Membrane Science</i> , 2018, 567, 272-280.	8.2	60
137	A highly conductive and robust anion conductor obtained via synergistic manipulation in intra- and inter-laminate of layered double hydroxide nanosheets. <i>Journal of Materials Chemistry A</i> , 2018, 6, 10277-10285.	10.3	38
138	Hierarchical pore architectures from 2D covalent organic nanosheets for efficient water/alcohol separation. <i>Journal of Membrane Science</i> , 2018, 561, 79-88.	8.2	33
139	Graphene oxide quantum dots incorporated nanocomposite membranes with high water flux for pervaporative dehydration. <i>Journal of Membrane Science</i> , 2018, 563, 903-913.	8.2	55
140	Anti-inflammatory Mechanism of Geniposide: Inhibiting the Hyperpermeability of Fibroblast-Like Synoviocytes via the RhoA/p38MAPK/NF- κ B/F-Actin Signal Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 105.	3.5	45
141	Highly water-selective membranes based on hollow covalent organic frameworks with fast transport pathways. <i>Journal of Membrane Science</i> , 2018, 565, 331-341.	8.2	73
142	Incorporating imidazolium-functionalized graphene oxide into imidazolium-functionalized poly(ether) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	8.2	22
143	Precise nanopore tuning for a high-throughput desalination membrane via co-deposition of dopamine and multifunctional POSS. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13191-13202.	10.3	73
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146	Enhanced desulfurization performance and stability of Pebax membrane by incorporating Cu ⁺ and Fe ²⁺ ions co-impregnated carbon nitride. <i>Journal of Membrane Science</i> , 2017, 526, 94-105.	8.2	38
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155	Channel-facilitated molecule and ion transport across polymer composite membranes. <i>Chemical Society Reviews</i> , 2017, 46, 6725-6745.	38.1	90
156	Enhanced CO ₂ selectivities by incorporating CO ₂ -philic PEG-POSS into polymers of intrinsic microporosity membrane. <i>Journal of Membrane Science</i> , 2017, 543, 69-78.	8.2	60
157	Fabrication of composite nanofiltration membrane by incorporating attapulgite nanorods during interfacial polymerization for high water flux and antifouling property. <i>Journal of Membrane Science</i> , 2017, 544, 79-87.	8.2	121
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