

Yong Wang

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254
papers

7,717
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50
h-index

72
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267
ext. papers

9,136
ext. citations

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6.64
L-index

#	Paper	IF	Citations
254	Adhesion and proliferation of OCT-1 osteoblast-like cells on micro- and nano-scale topography structured poly(L-lactide). <i>Biomaterials</i> , 2005 , 26, 4453-9	15.6	297
253	Aqueous/ionic liquid interfacial polymerization for preparing polyaniline nanoparticles. <i>Polymer</i> , 2004 , 45, 3017-3019	3.9	156
252	Interfacial polymerization of covalent organic frameworks (COFs) on polymeric substrates for molecular separations. <i>Journal of Membrane Science</i> , 2018 , 566, 197-204	9.6	145
251	Facile synthesis of polyaniline nanofibers using chloroaurate acid as the oxidant. <i>Langmuir</i> , 2005 , 21, 833-6	4	136
250	Progress and perspectives in PTFE membrane: Preparation, modification, and applications. <i>Journal of Membrane Science</i> , 2018 , 549, 332-349	9.6	135
249	An emerging pore-making strategy: confined swelling-induced pore generation in block copolymer materials. <i>Advanced Materials</i> , 2011 , 23, 2134-48	24	132
248	Fabrication of Ruthenium/Carbon Nanotube Nanocomposites in Supercritical Water. <i>Advanced Materials</i> , 2005 , 17, 928-932	24	126
247	Nanostructured gold films for SERS by block copolymer-templated galvanic displacement reactions. <i>Nano Letters</i> , 2009 , 9, 2384-9	11.5	125
246	Membranes with highly ordered straight nanopores by selective swelling of fast perpendicularly aligned block copolymers. <i>ACS Nano</i> , 2013 , 7, 9961-74	16.7	124
245	PVDF membranes with simultaneously enhanced permeability and selectivity by breaking the tradeoff effect via atomic layer deposition of TiO ₂ . <i>Journal of Membrane Science</i> , 2013 , 442, 57-64	9.6	109
244	Nanoporous metal membranes with bicontinuous morphology from recyclable block-copolymer templates. <i>Advanced Materials</i> , 2010 , 22, 2068-72	24	104
243	Two-Dimensional Covalent Triazine Framework Membrane for Helium Separation and Hydrogen Purification. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8694-701	9.5	96
242	Benzothiazole-based fluorescent sensor for hypochlorite detection and its application for biological imaging. <i>Sensors and Actuators B: Chemical</i> , 2017 , 243, 22-28	8.5	96
241	Plasma activation and atomic layer deposition of TiO ₂ on polypropylene membranes for improved performances of lithium-ion batteries. <i>Journal of Membrane Science</i> , 2014 , 458, 217-224	9.6	93
240	Unusual Air Filters with Ultrahigh Efficiency and Antibacterial Functionality Enabled by ZnO Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 21538-44	9.5	91
239	Electrospun nanofiber substrates that enhance polar solvent separation from organic compounds in thin-film composites. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15047-15056	13	90
238	Nanosopic Morphologies in Block Copolymer Nanorods as Templates for Atomic-Layer Deposition of Semiconductors. <i>Advanced Materials</i> , 2009 , 21, 2763-2766	24	87

237	Oleic acid as the capping agent in the synthesis of noble metal nanoparticles in imidazolium-based ionic liquids. <i>Chemical Communications</i> , 2006 , 2545-7	5.8	87
236	Chitosan-Cross-Linked Graphene Oxide/Carboxymethyl Cellulose Aerogel Globules with High Structure Stability in Liquid and Extremely High Adsorption Ability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 8775-8788	8.3	84
235	Facile Synthesis of Dual-Layer Organic Solvent Nanofiltration (OSN) Hollow Fiber Membranes. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3019-3023	8.3	82
234	Swelling-induced mesoporous block copolymer membranes with intrinsically active surfaces for size-selective separation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20542		82
233	A highly specific fluorescent probe for hypochlorite based on fluorescein derivative and its endogenous imaging in living cells. <i>Dyes and Pigments</i> , 2015 , 120, 22-29	4.6	79
232	Fabrication and characterization of magnetic carbon nanotube composites. <i>Journal of Materials Chemistry</i> , 2005 , 15, 4497		76
231	Nondestructive Creation of Ordered Nanopores by Selective Swelling of Block Copolymers: Toward Homoporous Membranes. <i>Accounts of Chemical Research</i> , 2016 , 49, 1401-8	24.3	74
230	Fast Desalination by Multilayered Covalent Organic Framework (COF) Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16847-16854	9.5	73
229	Highly porous metal oxide networks of interconnected nanotubes by atomic layer deposition. <i>Nano Letters</i> , 2012 , 12, 5033-8	11.5	73
228	Atomic layer deposition of alumina on porous polytetrafluoroethylene membranes for enhanced hydrophilicity and separation performances. <i>Journal of Membrane Science</i> , 2012 , 415-416, 435-443	9.6	73
227	Precise pore size tuning and surface modifications of polymeric membranes using the atomic layer deposition technique. <i>Journal of Membrane Science</i> , 2011 , 385-386, 1-9	9.6	72
226	Polypropylene/Silica Nanocomposites Prepared by in-Situ Sol-Gel Reaction with the Aid of CO ₂ . <i>Macromolecules</i> , 2005 , 38, 5617-5624	5.5	71
225	Highly permeable and antifouling reverse osmosis membranes with acidified graphitic carbon nitride nanosheets as nanofillers. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19875-19883	13	70
224	Influence of lipid composition on the phase transition temperature of liposomes composed of both DPPC and HSPC. <i>Drug Development and Industrial Pharmacy</i> , 2013 , 39, 197-204	3.6	70
223	Structure design and applications of dual-layer polymeric membranes. <i>Journal of Membrane Science</i> , 2018 , 562, 85-111	9.6	68
222	Unidirectional diffusion synthesis of covalent organic frameworks (COFs) on polymeric substrates for dye separation. <i>Journal of Membrane Science</i> , 2019 , 586, 274-280	9.6	66
221	Upgrading polysulfone ultrafiltration membranes by blending with amphiphilic block copolymers: Beyond surface segregation. <i>Journal of Membrane Science</i> , 2016 , 505, 53-60	9.6	66
220	Modification of ceramic membranes for pore structure tailoring: The atomic layer deposition route. <i>Journal of Membrane Science</i> , 2012 , 397-398, 17-23	9.6	65

219	Hydrophilization of porous polypropylene membranes by atomic layer deposition of TiO ₂ for simultaneously improved permeability and selectivity. <i>Journal of Membrane Science</i> , 2013 , 448, 215-222	9.6	65
218	Mesoporous block copolymer nanorods by swelling-induced morphology reconstruction. <i>Nano Letters</i> , 2008 , 8, 3548-53	11.5	65
217	Structure and conformation properties of 1-alkyl-3-methylimidazolium halide ionic liquids: a density-functional theory study. <i>Journal of Chemical Physics</i> , 2005 , 123, 174501	3.9	64
216	Ammonium-bearing dinuclear copper(II) complex: a highly selective and sensitive colorimetric probe for pyrophosphate. <i>Organic Letters</i> , 2014 , 16, 2220-3	6.2	62
215	A highly sensitive and selective ratiometric fluorescent sensor for Zn ²⁺ ion based on ICT and FRET. <i>Dyes and Pigments</i> , 2014 , 102, 301-307	4.6	61
214	Enhanced response speed and selectivity of fluorescein-based HS probe via the cleavage of nitrobenzene sulfonyl ester assisted by ortho aldehyde groups. <i>Biosensors and Bioelectronics</i> , 2017 , 87, 96-100	11.8	58
213	A mitochondria-targeting supramolecular photosensitizer based on pillar[5]arene for photodynamic therapy. <i>Chemical Communications</i> , 2017 , 53, 3126-3129	5.8	57
212	Atomic-layer-deposition-enabled nonwoven membranes with hierarchical ZnO nanostructures for switchable water/oil separations. <i>Journal of Membrane Science</i> , 2015 , 493, 478-485	9.6	57
211	Polydiacetylene-based sensor for highly sensitive and selective Pb ²⁺ detection. <i>Dyes and Pigments</i> , 2015 , 120, 307-313	4.6	56
210	pH Sensitive polypropylene porous membrane prepared by grafting acrylic acid in supercritical carbon dioxide. <i>Polymer</i> , 2004 , 45, 855-860	3.9	55
209	Preparation of Hyflon AD60/PVDF composite hollow fiber membranes for vacuum membrane distillation. <i>Separation and Purification Technology</i> , 2016 , 157, 1-8	8.3	54
208	Ultra-permeable polyamide membranes harvested by covalent organic framework nanofiber scaffolds: a two-in-one strategy. <i>Chemical Science</i> , 2019 , 10, 9077-9083	9.4	53
207	A fluorescent probe with high selectivity to glutathione over cysteine and homocysteine based on positive effect of carboxyl on nucleophilic substitution in CTAB. <i>Sensors and Actuators B: Chemical</i> , 2014 , 192, 708-713	8.5	52
206	Growing covalent organic frameworks on porous substrates for molecule-sieving membranes with pores tunable from ultra- to nanofiltration. <i>Journal of Membrane Science</i> , 2019 , 576, 116-122	9.6	51
205	Enhancing the hydrophilicity and water permeability of polypropylene membranes by nitric acid activation and metal oxide deposition. <i>Journal of Membrane Science</i> , 2015 , 487, 109-116	9.6	50
204	Swelling-induced morphology reconstruction in block copolymer nanorods: kinetics and impact of surface tension during solvent evaporation. <i>ACS Nano</i> , 2011 , 5, 1928-38	16.7	48
203	Nanopatterned carbon films with engineered morphology by direct carbonization of UV-stabilized block copolymer films. <i>Nano Letters</i> , 2008 , 8, 3993-7	11.5	48
202	Solvothermal synthesis of mesoporous Eu ₂ O ₃ /TiO ₂ composites. <i>Microporous and Mesoporous Materials</i> , 2005 , 81, 169-174	5.3	47

201	Advanced ultrafiltration membranes by leveraging microphase separation in macrophase separation of amphiphilic polysulfone block copolymers. <i>Journal of Membrane Science</i> , 2017 , 525, 342-348	8.6	45
200	Plasma activation of porous polytetrafluoroethylene membranes for superior hydrophilicity and separation performances via atomic layer deposition of TiO ₂ . <i>Journal of Membrane Science</i> , 2013 , 443, 62-68	9.6	44
199	Recent advances in organic/inorganic well-defined hybrid polymers using controlled living radical polymerization techniques. <i>Polymer Chemistry</i> , 2016 , 7, 3950-3976	4.9	44
198	Micropatterned polymer surfaces induced by nonsolvent. <i>Langmuir</i> , 2006 , 22, 1928-31	4	43
197	Surface-active isoporous membranes nondestructively derived from perpendicularly aligned block copolymers for size-selective separation. <i>Journal of Membrane Science</i> , 2014 , 466, 229-237	9.6	42
196	Atomic layer deposition of TiO ₂ on carbon-nanotube membranes for enhanced capacitive deionization. <i>Separation and Purification Technology</i> , 2019 , 213, 70-77	8.3	42
195	A PEGylated colorimetric and turn-on fluorescent sensor based on BODIPY for Hg(II) detection in water. <i>Polymer Chemistry</i> , 2015 , 6, 4279-4289	4.9	41
194	Carbon microspheres with supported silver nanoparticles prepared from pollen grains. <i>Langmuir</i> , 2005 , 21, 10846-9	4	41
193	Encapsulation of polystyrene within carbon nanotubes with the aid of supercritical CO ₂ . <i>Carbon</i> , 2004 , 42, 458-460	10.4	41
192	How Pore Hydrophilicity Influences Water Permeability?. <i>Research</i> , 2019 , 2019, 2581241	7.8	41
191	Enhanced antifouling and antimicrobial thin film nanocomposite membranes with incorporation of Palygorskite/titanium dioxide hybrid material. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, 1-10	9.3	40
190	ALD-seeded hydrothermally-grown Ag/ZnO nanorod PTFE membrane as efficient indoor air filter. <i>Journal of Membrane Science</i> , 2017 , 531, 86-93	9.6	39
189	An ESIPT-based fluorescent probe for highly selective detection of glutathione in aqueous solution and living cells. <i>Dyes and Pigments</i> , 2016 , 129, 156-162	4.6	39
188	A highly sensitive and selective fluorescein-based fluorescence probe for Au ³⁺ and its application in living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2015 , 209, 1005-1010	8.5	39
187	Mesoporous Polymer Nanofibers by Infiltration of Block Copolymers with Sacrificial Domains into Porous Alumina. <i>Chemistry of Materials</i> , 2008 , 20, 379-381	9.6	39
186	High damping property of microcellular polymer prepared by friendly environmental approach. <i>Journal of Supercritical Fluids</i> , 2005 , 33, 259-267	4.2	37
185	Layer-by-Layer Synthesis of Covalent Organic Frameworks on Porous Substrates for Fast Molecular Separations. <i>ACS Applied Nano Materials</i> , 2018 , 1, 6320-6326	5.6	37
184	Ceramic tubular nanofiltration membranes with tunable performances by atomic layer deposition and calcination. <i>Journal of Membrane Science</i> , 2017 , 528, 95-102	9.6	35

183	Secondary growth of covalent organic frameworks (COFs) on porous substrates for fast desalination. <i>Journal of Membrane Science</i> , 2020 , 604, 118090	9.6	35
182	Selective Hydrogenation of Nitroarenes and Olefins over Rhodium Nanoparticles on Hydroxyapatite. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2689-2694	5.6	34
181	Responsive micellar films of amphiphilic block copolymer micelles: control on micelle opening and closing. <i>Langmuir</i> , 2010 , 26, 8869-74	4	34
180	Replication of biological organizations through a supercritical fluid route. <i>Chemical Communications</i> , 2005 , 2948-50	5.8	33
179	Dye adsorption on zinc oxide nanoparticulates atomic-layer-deposited on polytetrafluoroethylene membranes. <i>AIChE Journal</i> , 2016 , 62, 3982-3991	3.6	33
178	Photocontrollable release and enhancement of photodynamic therapy based on host-guest supramolecular amphiphiles. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7417-7426	7.3	32
177	Extremely efficient and recyclable absorbents for oily pollutants enabled by ultrathin-layered functionalization. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18816-23	9.5	32
176	Nanoslitting of phase-separated block copolymers by solvent swelling for membranes with ultrahigh flux and sharp selectivity. <i>Chemical Communications</i> , 2014 , 50, 12022-5	5.8	32
175	New surface cross-linking method to fabricate positively charged nanofiltration membranes for dye removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2281-2291	3.5	31
174	Phase-Separation-Induced Micropatterned Polymer Surfaces and Their Applications. <i>Advanced Functional Materials</i> , 2005 , 15, 655-663	15.6	31
173	Amphiphobic Polytetrafluoroethylene Membranes for Efficient Organic Aerosol Removal. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8773-81	9.5	31
172	Highly ordered TiO ₂ nanostructures by sequential vapour infiltration of block copolymer micellar films in an atomic layer deposition reactor. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1029-1036	7.1	30
171	Table-salt enabled interface-confined synthesis of covalent organic framework (COF) nanosheets. <i>Chemical Science</i> , 2019 , 11, 989-996	9.4	30
170	Atomic-layer-deposition-enabled thin-film composite membranes of polyimide supported on nanoporous anodized alumina. <i>Journal of Membrane Science</i> , 2017 , 535, 56-62	9.6	29
169	Single-Layered Nanosheets of Covalent Triazine Frameworks (CTFs) by Mild Oxidation for Molecular-Sieving Membranes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 18944-18951	9.5	29
168	Selective Swelling of Electrospun Block Copolymers: From Perforated Nanofibers to High Flux and Responsive Ultrafiltration Membranes. <i>Macromolecules</i> , 2018 , 51, 2283-2292	5.5	29
167	Antifouling ultrafiltration membranes by selective swelling of polystyrene/poly(ethylene oxide) block copolymers. <i>Journal of Membrane Science</i> , 2017 , 542, 226-232	9.6	29
166	Substrate matters: The influences of substrate layers on the performances of thin-film composite reverse osmosis membranes. <i>Chinese Journal of Chemical Engineering</i> , 2017 , 25, 1676-1684	3.2	29

165	Isoporous membranes with gradient porosity by selective swelling of UV-crosslinked block copolymers. <i>Journal of Membrane Science</i> , 2015 , 476, 449-456	9.6	29
164	Fabrication of supported mesoporous TiO ₂ membranes: matching the assembled and interparticle pores for an improved ultrafiltration performance. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 1607-1612	9.5	29
163	The establishment of high-performance anti-fouling nanofiltration membranes via cooperation of annular supramolecular Cucurbit[6]uril and dendritic polyamidoamine. <i>Journal of Membrane Science</i> , 2020 , 600, 117863	9.6	28
162	Turning Low-Cost Filter Papers to Highly Efficient Membranes for Oil/Water Separation by Atomic-Layer-Deposition-Enabled Hydrophobization. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 16516-16522	3.9	28
161	Atomic layer deposition of metal oxides on carbon nanotube fabrics for robust, hydrophilic ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2018 , 550, 246-253	9.6	27
160	Water Flow inside Polyamide Reverse Osmosis Membranes: A Non-Equilibrium Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 1715-1722	3.4	26
159	Multifunctional hybrid porous filters with hierarchical structures for simultaneous removal of indoor VOCs, dusts and microorganisms. <i>Nanoscale</i> , 2017 , 9, 5433-5444	7.7	26
158	Fabrication of ceramic membrane supported palladium catalyst and its catalytic performance in liquid-phase hydrogenation reaction. <i>Chemical Engineering Journal</i> , 2017 , 313, 1556-1566	14.7	26
157	Carbon nanotube/poly(2,4-hexadiyne-1,6-diol) nanocomposites prepared with the aid of supercritical CO ₂ . <i>Chemical Communications</i> , 2004 , 2190-1	5.8	26
156	Advanced SERS Sensor Based on Capillarity-Assisted Preconcentration through Gold Nanoparticle-Decorated Porous Nanorods. <i>Small</i> , 2017 , 13, 1603947	11	25
155	Filtration-based synthesis of micelle-derived composite membranes for high-flux ultrafiltration. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6974-81	9.5	25
154	Resistance of water transport in carbon nanotube membranes. <i>Nanoscale</i> , 2018 , 10, 13242-13249	7.7	25
153	Efficient perovskite solar cells based on novel three-dimensional TiO ₂ network architectures. <i>Science Bulletin</i> , 2016 , 61, 778-786	10.6	25
152	A promising carbon fiber-based photocatalyst with hierarchical structure for dye degradation. <i>RSC Advances</i> , 2017 , 7, 22234-22242	3.7	23
151	Chemoselective Transfer Hydrogenation of Aldehydes and Ketones with a Heterogeneous Iridium Catalyst in Water. <i>Catalysis Letters</i> , 2015 , 145, 1008-1013	2.8	22
150	Atomic layer deposition fabricating of ceramic nanofiltration membranes for efficient separation of dyes from water. <i>AIChE Journal</i> , 2018 , 64, 2670-2678	3.6	22
149	Orthogonal Approach to Construct Cell-Like Vesicles via Pillar[5]arene-Based Amphiphilic Supramolecular Polymers. <i>ACS Macro Letters</i> , 2016 , 5, 112-117	6.6	22
148	Atomic layer deposition of polyimide on microporous polyethersulfone membranes for enhanced and tunable performances. <i>AIChE Journal</i> , 2014 , 60, 3614-3622	3.6	22

147	Calibration of optically trapped nanotools. <i>Nanotechnology</i> , 2010 , 21, 175501	3.4	22
146	A dinuclear-copper(II) complex-based sensor for pyrophosphate and its applications to detecting pyrophosphatase activity and monitoring polymerase chain reaction. <i>Sensors and Actuators B: Chemical</i> , 2016 , 233, 591-598	8.5	22
145	Nanoporous block copolymer membranes immobilized with gold nanoparticles for continuous flow catalysis. <i>Polymer Chemistry</i> , 2019 , 10, 1642-1649	4.9	21
144	Influence of membrane hydrophilicity on water permeability: An experimental study bridging simulations. <i>Journal of Membrane Science</i> , 2020 , 604, 118087	9.6	21
143	Homoporous Membranes with Tailored Pores by Soaking Block Copolymer/Homopolymer Blends in Selective Solvents: Dissolution versus Swelling. <i>Macromolecules</i> , 2016 , 49, 215-223	5.5	21
142	Nanoporous polysulfones with in situ PEGylated surfaces by a simple swelling strategy using paired solvents. <i>Chemical Communications</i> , 2017 , 53, 9105-9108	5.8	21
141	Selective Swelling of Block Copolymers: An Upscalable Greener Process to Ultrafiltration Membranes?. <i>Macromolecules</i> , 2020 , 53, 5-17	5.5	21
140	Highly efficient palladium catalysts supported on nitrogen contained polymers for Suzuki-Miyaura reaction. <i>Catalysis Communications</i> , 2016 , 82, 24-28	3.2	21
139	Selective and recyclable rhodium nanocatalysts for the reductive N-alkylation of nitrobenzenes and amines with aldehydes. <i>RSC Advances</i> , 2015 , 5, 56936-56941	3.7	20
138	Enhanced Catalytic Properties of Palladium Nanoparticles Deposited on a Silanized Ceramic Membrane Support with a Flow-Through Method. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 14099-14106	3.9	20
137	Uniform and Conformal Carbon Nanofilms Produced Based on Molecular Layer Deposition. <i>Materials</i> , 2013 , 6, 5602-5612	3.5	20
136	Compressed-CO ₂ -assisted patterning of polymers. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 12376-9	3.4	20
135	Stitching nanosheets of covalent organic frameworks to build aligned nanopores in nanofiltration membranes for precise ion separations. <i>Journal of Membrane Science</i> , 2021 , 618, 118754	9.6	20
134	Selective swelling of block copolymer ultrafiltration membranes for enhanced water permeability and fouling resistance. <i>Journal of Membrane Science</i> , 2018 , 558, 106-112	9.6	19
133	Water Flow through Interlayer Channels of Two-Dimensional Materials with Various Hydrophilicities. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 15772-15779	3.8	19
132	Enabling Covalent Organic Framework Nanofilms for Molecular Separation: Perforated Polymer-Assisted Transfer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 44783-44791	9.5	19
131	Direct silanization of polyurethane foams for efficient selective absorption of oil from water. <i>AICHE Journal</i> , 2017 , 63, 2232-2240	3.6	18
130	The hydroxylation of benzene to phenol over heteropolyacid encapsulated in silica. <i>Catalysis Communications</i> , 2014 , 55, 34-37	3.2	18

129	Fabrication of interconnected mesoporous carbon sheets for use in high-performance supercapacitors. <i>New Carbon Materials</i> , 2017 , 32, 213-220	4.4	18
128	Colorimetric and fluorometric assays for acetylcholinesterase and its inhibitors screening based on a fluorescein derivate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 552-5	2.9	18
127	Metal ions filtering mesoporous membranes with polystyrene-block-poly (acrylic acid) block copolymer. <i>Journal of Membrane Science</i> , 2019 , 587, 117086	9.6	17
126	Interconnected mesoporous carbon sheet for supercapacitors from low-cost resources. <i>Materials Letters</i> , 2015 , 158, 237-240	3.3	17
125	Highly Permeable and Robust Responsive Nanoporous Membranes by Selective Swelling of Triblock Terpolymers with a Rubbery Block. <i>Macromolecules</i> , 2016 , 49, 182-191	5.5	17
124	Ion Rejection in Covalent Organic Frameworks: Revealing the Overlooked Effect of In-Pore Transport. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45246-45255	9.5	17
123	Selective-swelling-induced porous block copolymers and their robust TiO ₂ replicas via atomic layer deposition for antireflective applications. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5133	7.1	17
122	Insights into membrane fouling of a side-stream ceramic membrane reactor for phenol hydroxylation over ultrafine TS-1. <i>Chemical Engineering Journal</i> , 2014 , 239, 373-380	14.7	17
121	Synthesis and characterization of polyether structure carbon nitride. <i>Journal of Materials Research</i> , 2004 , 19, 1736-1741	2.5	17
120	A simple route to micropatterned polymer surfaces. <i>Chemical Communications</i> , 2004 , 800-1	5.8	17
119	Atomic layer deposition of hybrid metal oxides on carbon nanotube membranes for photodegradation of dyes. <i>Composites Communications</i> , 2019 , 12, 39-46	6.7	17
118	Pressure-modulated synthesis of self-repairing covalent organic frameworks (COFs) for high-flux nanofiltration. <i>Journal of Membrane Science</i> , 2021 , 618, 118727	9.6	17
117	Reduced air sensitivity and improved electrochemical stability of P2Na ₂ /3Mn ₁ /2Fe ₁ /4Co ₁ /4O ₂ through atomic layer deposition-assisted Al ₂ O ₃ coating. <i>Composites Part B: Engineering</i> , 2019 , 173, 106913	10	16
116	Tailoring TiO ₂ membranes for nanofiltration and tight ultrafiltration by leveraging molecular layer deposition and crystallization. <i>Journal of Membrane Science</i> , 2019 , 578, 149-155	9.6	16
115	Synthesis of montmorillonite/polystyrene nanocomposites in supercritical carbon dioxide. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 1194-1197	2.9	16
114	Highly permeable nanoporous block copolymer membranes by machine-casting on nonwoven supports: An upscalable route. <i>Journal of Membrane Science</i> , 2017 , 533, 201-209	9.6	15
113	CO ₂ -responsive graphene oxide nanofiltration membranes for switchable rejection to cations and anions. <i>Journal of Membrane Science</i> , 2019 , 592, 117374	9.6	15
112	Water-dispersible, uniform nanospheres by heating-enabled micellization of amphiphilic block copolymers in polar solvents. <i>Langmuir</i> , 2012 , 28, 3011-7	4	15

111	Fabrication of flowerlike polymer superstructures using polymer/zeolite composites prepared with supercritical CO ₂ . <i>Journal of Physical Chemistry B</i> , 2005 , 109, 2605-9	3.4	15
110	How Pore Hydrophilicity Influences Water Permeability?. <i>Research</i> , 2019 , 2019, 1-10	7.8	15
109	Design of Block-Copolymer Nanoporous Membranes for Robust and Safer Lithium-Ion Battery Separators. <i>Advanced Science</i> , 2021 , 8, 2003096	13.6	15
108	Stretching induces pore formation in the Eucleated polypropylene/graphene oxide composite. <i>Composites Science and Technology</i> , 2014 , 99, 59-66	8.6	14
107	In Situ Trapped and Immobilized Palladium Nanoparticles as Active and Clean Catalysts for SuzukiMiyaura Reaction. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 2827-2832	5.6	14
106	Monolithic Membranes with Designable Pore Geometries and Sizes via Retarded Evaporation of Block Copolymer Supramolecules. <i>Macromolecules</i> , 2015 , 48, 8471-8479	5.5	14
105	Compressed CO ₂ -enhanced solubilization of 1-butyl-3-methylimidazolium tetrafluoroborate in reverse micelles of Triton X-100. <i>Journal of Chemical Physics</i> , 2004 , 121, 7408-12	3.9	14
104	Nanofluidic Behaviors of Water and Ions in Covalent Triazine Framework (CTF) Multilayers. <i>Small</i> , 2020 , 16, e1903879	11	14
103	Tight ultrafiltration membranes of mesoporous phenolic resin filled in macroporous substrates. <i>Journal of Membrane Science</i> , 2017 , 533, 96-102	9.6	13
102	Depositing lignin on membrane surfaces for simultaneously upgraded reverse osmosis performances: An upscalable route. <i>AIChE Journal</i> , 2017 , 63, 2221-2231	3.6	13
101	Design of gradient nanopores in phenolics for ultrafast water permeation. <i>Chemical Science</i> , 2019 , 10, 2093-2100	9.4	13
100	The Hydroxylation of Aromatics with Oxygen by Vanadium Catalysts Supported on N-doped Carbon Materials. <i>Catalysis Letters</i> , 2015 , 145, 1014-1021	2.8	13
99	Reversible switch between the nanoporous and the nonporous state of amphiphilic block copolymer films regulated by selective swelling. <i>Soft Matter</i> , 2015 , 11, 6927-37	3.6	13
98	One-Step Synthesis of Carbon-Hybridized ZnO on Polymeric Foams by Atomic Layer Deposition for Efficient Absorption of Oils from Water. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 12693-1276	3.9	13
97	In Situ Cavitation of Phenolic Supramolecules with PEOBPOBEO Block Copolymers by FriedelCrafts Alkylation toward Ordered Nanoporous Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 6398-6404	3.9	13
96	Facile synthesis of bimodal nanoporous carbons by templating selective Swelling-induced mesoporous block copolymers. <i>Chemical Engineering Journal</i> , 2017 , 313, 1295-1301	14.7	13
95	Fabrication, structural characterization and sensing properties of polydiacetylene nanofibers templated from anodized aluminum oxide. <i>Sensors and Actuators B: Chemical</i> , 2011 , 155, 584-591	8.5	13
94	Simultaneous zwitterionization and selective swelling-induced pore generation of block copolymers for antifouling ultrafiltration membranes. <i>Journal of Membrane Science</i> , 2020 , 599, 117833	9.6	13

93	Secondary growth of bi-layered covalent organic framework nanofilms with offset channels for desalination. <i>Journal of Membrane Science</i> , 2021 , 624, 119122	9.6	13
92	Selective swelling induced pore generation of amphiphilic block copolymers: The role of swelling agents. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016 , 54, 926-933	2.6	13
91	Atomic Layer Deposition on Block Copolymer Membranes with Gyroidal Nanopores Toward Periodically Nanostructured Vapor Sensors: Nanotubes versus Nanorods. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600017	4.6	13
90	Additive-free preparation of hemodialysis membranes from block copolymers of polysulfone and polyethylene glycol. <i>Journal of Membrane Science</i> , 2021 , 618, 118690	9.6	13
89	Thickness-dependent ion rejection in nanopores. <i>Journal of Membrane Science</i> , 2020 , 601, 117899	9.6	12
88	Selective Reduction of Nitroarenes with Molybdenum Disulfide. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 987-991	4.9	12
87	Block copolymer ultrafiltration membranes by spray coating coupled with selective swelling. <i>Journal of Membrane Science</i> , 2020 , 598, 117656	9.6	12
86	Stretched homoporous composite membranes with elliptic nanopores for external-energy-free ultrafiltration. <i>Chemical Communications</i> , 2016 , 52, 6899-902	5.8	12
85	Fluorescent probe encapsulated hydrogel microsphere for selective and reversible detection of Hg ²⁺ . <i>Journal of Luminescence</i> , 2017 , 183, 212-216	3.8	11
84	Crosslinking of polyimide atomic-layer-deposited on polyethersulfone membranes for synergistically enhanced performances. <i>Journal of Membrane Science</i> , 2015 , 486, 161-168	9.6	11
83	Effect of hydrophilicity on water transport through sub-nanometer pores. <i>Journal of Membrane Science</i> , 2020 , 611, 118297	9.6	11
82	Nanoporous Films with Superior Resistance to Protein Adsorption by Selective Swelling of Polystyrene-block-poly(ethylene oxide). <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 8133-8140	3.9	11
81	Hydrophilic ePTFE Membranes with Highly Enhanced Water Permeability and Improved Efficiency for Multipollutant Control. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 2806-2812	3.9	11
80	Insoluble Wilkinson Catalyst RhCl(TPPTS) ₃ Supported on SBA-15 for Heterogeneous Hydrogenation with and Without Supercritical CO ₂ . <i>Catalysis Letters</i> , 2004 , 98, 225-228	2.8	11
79	Mesoporous phenolics filled in macroporous membranes for tunable tight-ultrafiltration. <i>Chemical Engineering Science</i> , 2018 , 187, 98-106	4.4	10
78	Immobilized palladium nanoparticles within polymers as active catalysts for Suzuki-Miyaura reaction. <i>RSC Advances</i> , 2016 , 6, 16899-16903	3.7	10
77	Energy-saving, responsive membranes with sharp selectivity assembled from micellar nanofibers of amphiphilic block copolymers. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7100	13	10
76	A simple and inexpensive route to synthesize porous silica microflowers by supercritical CO ₂ . <i>Microporous and Mesoporous Materials</i> , 2005 , 87, 10-14	5.3	10

75	Ultrathin nanoporous membrane fabrication based on block copolymer micelles. <i>Journal of Membrane Science</i> , 2019 , 570-571, 427-435	9.6	10
74	Atomic layer deposition of Al ₂ O ₃ on porous polypropylene hollow fibers for enhanced membrane performances. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 695-700	3.2	10
73	Highly permeable membranes enabled by film formation of block copolymers on water surface. <i>Journal of Membrane Science</i> , 2018 , 568, 40-46	9.6	10
72	Two-dimensional superstructures filled into polysulfone membranes for highly improved ultrafiltration: The case of cuprous iodide nanosheets. <i>Journal of Membrane Science</i> , 2019 , 576, 142-149	9.6	9
71	Highly permeable and robust membranes assembled from block-copolymer-functionalized carbon nanotubes. <i>Journal of Membrane Science</i> , 2015 , 493, 224-231	9.6	9
70	The Influence of Surface Topography and Surface Chemistry on the Anti-Adhesive Performance of Nanoporous Monoliths. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 22593-604	9.5	9
69	Producing Nanoporosities in Block Copolymers within 30 s by Microwave-Boosted Selective Swelling. <i>Macromolecules</i> , 2020 , 53, 3619-3626	5.5	9
68	Flexible and Robust Three-Dimensional Covalent Organic Framework Membranes for Precise Separations under Extreme Conditions. <i>Nano Letters</i> , 2021 , 21, 8355-8362	11.5	9
67	Single-step coating of polyethylenimine on gradient nanoporous phenolics for tight membranes with ultrahigh permeance. <i>Journal of Membrane Science</i> , 2019 , 587, 117172	9.6	8
66	Gradient nanoporous phenolics filled in macroporous substrates for highly permeable ultrafiltration. <i>Journal of Membrane Science</i> , 2019 , 576, 123-130	9.6	8
65	Perpendicular Alignment and Selective Swelling-Induced Generation of Homopores of Polystyrene-b-poly(2-vinylpyridine)-b-poly(ethylene oxide) Triblock Terpolymer. <i>Macromolecules</i> , 2018 , 51, 6248-6256	5.5	8
64	Synthesis of TiO ₂ nanotube networks from the mineralization of swim bladder membrane in supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2007 , 42, 310-315	4.2	8
63	In situ Eu ₂ O ₃ coating on the walls of mesoporous silica SBA-15 in supercritical ethane + ethanol mixture. <i>Microporous and Mesoporous Materials</i> , 2004 , 75, 101-105	5.3	8
62	N-Doping Carbon-Nanotube Membrane Electrodes Derived from Covalent Organic Frameworks for Efficient Capacitive Deionization. <i>Langmuir</i> , 2020 , 36, 12030-12037	4	8
61	Selective swelling of polysulfone/poly(ethylene glycol) block copolymer towards fouling-resistant ultrafiltration membranes. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 98-103	3.2	8
60	Effect of hydrophilicity on ion rejection of sub-nanometer pores. <i>Separation and Purification Technology</i> , 2021 , 257, 117937	8.3	8
59	A Mini Review on Antiwetting Studies in Membrane Distillation for Textile Wastewater Treatment. <i>Processes</i> , 2021 , 9, 243	2.9	8
58	Porous block copolymer separation membranes for 21st century sanitation and hygiene. <i>Chemical Society Reviews</i> , 2021 , 50, 6333-6348	58.5	8

57	Semicrystalline Block Copolymers in Rigid Confining Nanopores. <i>Macromolecules</i> , 2017 , 50, 8637-8646	5.5	7
56	Surface functionalization of carbon nanotubes by direct encapsulation with varying dosages of amphiphilic block copolymers. <i>Nanotechnology</i> , 2015 , 26, 325601	3.4	7
55	Molecular Simulations of Water Transport Resistance in Polyamide RO Membranes: Interfacial and Interior Contributions. <i>Engineering</i> , 2020 , 6, 577-584	9.7	7
54	Enhanced performances of polypropylene membranes by molecular layer deposition of polyimide. <i>Chinese Journal of Chemical Engineering</i> , 2016 , 24, 843-849	3.2	7
53	Templated self-assembly of block copolymers toward the rational design of plasmonic nanorods. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 2470-2475	1.3	7
52	Recent advances of loose nanofiltration membranes for dye/salt separation. <i>Separation and Purification Technology</i> , 2021 , 285, 120228	8.3	7
51	Growth of Cationic Covalent Organic Frameworks (COFs) for Mixed Matrix Membranes with Enhanced Performances. <i>Langmuir</i> , 2020 , 36, 10970-10978	4	7
50	Turn on fluorescent detection for Cd based on surfactant controlled squaraine aggregation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 208, 236-242	4.4	7
49	Spray coating of polysulfone/poly(ethylene glycol) block polymer on macroporous substrates followed by selective swelling for composite ultrafiltration membranes. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 29, 85-91	3.2	7
48	Hollow-fiber membranes of block copolymers by melt spinning and selective swelling. <i>Journal of Membrane Science</i> , 2021 , 632, 119374	9.6	7
47	High hydrophilicity and excellent adsorption ability of a stretched polypropylene/graphene oxide composite membrane achieved by plasma assisted surface modification. <i>RSC Advances</i> , 2015 , 5, 71240-71252	7.5	6
46	The synthesis of UDP-selective fluorescent probe and its imaging application in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 262-5	2.9	6
45	Nanofriction of Graphene/Ionic Liquid-Infused Block Copolymer Homoporous Membranes. <i>Langmuir</i> , 2017 , 33, 11590-11602	4	6
44	Selective swelling blends of block copolymers for nanoporous membranes with enhanced permeability and robustness. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 1617-1625	2.6	6
43	Zwitterionization of Tertiary Amines in Nanoporous Block Copolymers: toward Fouling-Resistant Ultrafiltration Membranes. <i>Macromolecules</i> , 2021 , 54, 4236-4245	5.5	6
42	Endowing piezoelectric and anti-fouling properties by directly poling β phase PVDF membranes with green diluents. <i>AIP Advances</i> , 2019 , 9, 115219	1.5	6
41	Carbonization of gradient phenolics filled in macroporous substrates for high-flux tight membranes: Toward ultrafiltration of polypeptides. <i>Journal of Membrane Science</i> , 2019 , 590, 117309	9.6	5
40	Synthesis of polypropylene/ZnS composite using the template prepared by supercritical CO ₂ . <i>Chemical Physics Letters</i> , 2003 , 381, 271-277	2.5	5

39	Covalent Organic Framework-Mediated Thin-Film Composite Polyamide Membranes toward Precise Ion Sieving.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	5
38	Pressure-Dependent Ion Rejection in Nanopores. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 20498-20505.8		5
37	A facile process to prepare fouling-resistant ultrafiltration membranes: Spray coating of water-containing block copolymer solutions on macroporous substrates. <i>Separation and Purification Technology</i> , 2021 , 259, 118100	8.3	5
36	Transport mechanism of water molecules passing through polyamide/COF mixed matrix membranes. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 26591-26597	3.6	5
35	Synthesis of poly(2-dimethylaminoethyl methacrylate)-block- poly(styrene-alt-N-phenylmaleimide) and its thermo-tolerant nanoporous films prepared by selective swelling. <i>Polymer</i> , 2019 , 164, 126-133	3.9	5
34	Gradient nanoporous phenolics as substrates for high-flux nanofiltration membranes by layer-by-layer assembly of polyelectrolytes. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 114-121	3.2	5
33	Chemically Laminating Graphene Oxide Nanosheets with Phenolic Nanomeshes for Robust Membranes with Fast Desalination. <i>Nano Letters</i> , 2021 , 21, 8236-8243	11.5	5
32	Block copolymer coated carbon nanotube membrane anodes for enhanced and multipurpose hybrid capacitive deionization. <i>Desalination</i> , 2021 , 520, 115368	10.3	5
31	Room-temperature swelling of block copolymers for nanoporous membranes with well-defined porosities. <i>Journal of Membrane Science</i> , 2020 , 608, 118186	9.6	4
30	Heat transfer of nanofluidics in hydrophilic pores: Insights from molecular dynamics simulations. <i>Chinese Journal of Chemical Engineering</i> , 2016 , 24, 1117-1121	3.2	4
29	Nanomeshes with Sub-10 nm Pores by Glycerol-Triggered 2D Assembly in Liquid Phases for Fast and Selective Membranes. <i>Nano Letters</i> , 2021 , 21, 3302-3309	11.5	4
28	Retarded evaporation-induced synthesis of lamellar block copolymer supramolecules for solvatochromic sensing. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 172-178	8.5	4
27	Large-pore covalent organic frameworks for ultra-fast tight ultrafiltration (TUF). <i>Journal of Membrane Science</i> , 2021 , 637, 119635	9.6	4
26	Polymeric nanospheres with tunable sizes, water dispersibility, and thermostability from heating-enabled micellization of polysulfone-block-polyethylene glycol. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018 , 56, 769-777	2.6	3
25	Responsive, fluorescent micellar nanospheres of amphiphilic block copolymers for the characterization of membrane pores. <i>Journal of Membrane Science</i> , 2013 , 441, 9-17	9.6	3
24	Colorimetric Anion Sensing and Color Imaging Based on Catalyzed Deprotection in a New Azonaphthol Chromophore. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3551-3554	1.3	3
23	Novel, positively charged membrane from a blending, crosslinking, and coagulation procedure. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 1847-1854	2.9	3
22	Boron removal by water molecules inside covalent organic framework (COF) multilayers. <i>Desalination</i> , 2022 , 526, 115548	10.3	3

21	Visible-light degradation of azo dyes by imine-linked covalent organic frameworks. <i>Green Energy and Environment</i> , 2021 ,	5.7	3
20	Coupling Covalent Organic Frameworks and Carbon Nanotube Membranes to Design Easily Reusable Photocatalysts for Dye Degradation. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 8687-8695	3.9	3
19	CO ₂ -responsive membranes prepared by selective swelling of block copolymers and their behaviors in protein ultrafiltration. <i>Journal of Membrane Science</i> , 2021 , 641, 119928	9.6	3
18	Surface Attachment of Gold Nanoparticles Guided by Block Copolymer Micellar Films and Its Application in Silicon Etching. <i>Materials</i> , 2015 , 8, 3793-3805	3.5	2
17	Synthesis of Two-Dimensional Carbon and CarbonMetal Nanocomposites Using a Natural Cellular Material as the Carbon Precursor. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4367-4373	2.3	2
16	Synthesis of Tubular Graphite Cones through a Catalytically Thermal Reduction Route. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 9811-9814	3.4	2
15	Nanocomposite block copolymer membranes with enhanced permeance and robustness by carbon nanotube doping. <i>Composites Communications</i> , 2022 , 29, 101025	6.7	2
14	Upgrading polytetrafluoroethylene hollow-fiber membranes by CFD-optimized atomic layer deposition. <i>Journal of Membrane Science</i> , 2021 , 617, 118610	9.6	2
13	Phenolic membranes with tunable sub-10-nm pores for nanofiltration and tight-ultrafiltration. <i>Journal of Membrane Science</i> , 2021 , 640, 119858	9.6	2
12	Selective Swelling of Block Copolymers for Porous Nanostructures. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019 , 45-117	0.1	1
11	Masking Covalent Organic Frameworks (COFs) with Loose Polyamide Networks for Precise Nanofiltration. <i>Separation and Purification Technology</i> , 2021 , 120233	8.3	1
10	Absolute and Fast Removal of Viruses and Bacteria from Water by Spraying-Assembled Carbon-Nanotube Membranes. <i>Environmental Science & Technology</i> , 2021 , 55, 15206-15214	10.3	1
9	Preparation of polysulfone-based block copolymer ultrafiltration membranes by selective swelling and sacrificing nanofillers. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	1
8	Atomic layer deposition of TiO ₂ on carbon-nanotubes membrane for capacitive deionization removal of chromium from water. <i>Chinese Journal of Chemical Engineering</i> , 2021 ,	3.2	1
7	Fast Evaporation Enabled Ultrathin Polymer Coatings on Nanoporous Substrates for Highly Permeable Membranes. <i>Innovation(China)</i> , 2021 , 2, 100088	17.8	1
6	Mechanism of permeance enhancement in mixed-matrix reverse osmosis membranes incorporated with graphene and its oxides. <i>Separation and Purification Technology</i> , 2021 , 270, 118818	8.3	1
5	Electrosynthesis of Ionic Covalent Organic Frameworks for Charge-Selective Separation of Molecules.. <i>Small</i> , 2022 , e2107108	11	1
4	Designing sub-nanometer pores for efficient boron removal. <i>Desalination</i> , 2022 , 533, 115755	10.3	1

- 3 Morphology Engineering for Covalent Organic Frameworks (COFs) by Surfactant Mediation and Acid Adjustment. *Chinese Journal of Polymer Science (English Edition)*, **2022**, 40, 338 3.5 ○
- 2 Solvent-Free Process to High-Flux Ultrafiltration Membranes: Spray Coating of Water-Dispersed Carbon Nanotubes. *ACS ES&T Water*, **2022**, 2, 895-903 ○
- 1 Structure and dynamics of water in TiO₂ nano slits: The influence of interfacial interactions and pore sizes. *Chinese Journal of Chemical Engineering*, **2021**, 31, 67-74 3.2