

# Qinglin Huang

## List of Publications by Year in descending order

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38  
papers

993  
citations

361413

20  
h-index

434195

31  
g-index

38  
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38  
docs citations

38  
times ranked

858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress on polymeric hollow fiber membrane preparation technique from the perspective of green and sustainable development. <i>Chemical Engineering Journal</i> , 2021, 403, 126295.	12.7	108
2	Robust preparation of tubular PTFE/FEP ultrafine fibers-covered porous membrane by electrospinning for continuous highly effective oil/water separation. <i>Journal of Membrane Science</i> , 2018, 568, 87-96.	8.2	67
3	ECTFE hybrid porous membrane with hierarchical micro/nano-structural surface for efficient oil/water separation. <i>Journal of Membrane Science</i> , 2017, 524, 623-630.	8.2	57
4	Fabrication and properties of PVDF and PVDF/HFP microfiltration membranes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46711.	2.6	56
5	Study on photothermal PVDF/ATO nanofiber membrane and its membrane distillation performance. <i>Journal of Membrane Science</i> , 2019, 582, 203-210.	8.2	53
6	Structure design and performance study on braid-reinforced cellulose acetate hollow fiber membranes. <i>Journal of Membrane Science</i> , 2015, 486, 248-256.	8.2	49
7	Study on vacuum membrane distillation (VMD) using FEP hollow fiber membrane. <i>Desalination</i> , 2015, 375, 24-32.	8.2	41
8	ECTFE porous membranes with conveniently controlled microstructures for vacuum membrane distillation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23549-23559.	10.3	40
9	An electro-thermal braid-reinforced PVDF hollow fiber membrane for vacuum membrane distillation. <i>Journal of Membrane Science</i> , 2019, 591, 117359.	8.2	39
10	Fabrication and properties of poly(tetrafluoroethylene-co-hexafluoropropylene) hollow fiber membranes. <i>Journal of Materials Chemistry</i> , 2011, 21, 16510.	6.7	32
11	Study on a novel PTFE membrane with regular geometric pore structures fabricated by near-field electrospinning, and its applications. <i>Journal of Membrane Science</i> , 2020, 603, 118014.	8.2	32
12	PVDF fiber membrane with ordered porous structure via 3D printing near field electrospinning. <i>Journal of Membrane Science</i> , 2021, 618, 118709.	8.2	31
13	Pore structure design of NFES PTFE membrane for membrane emulsification. <i>Journal of Membrane Science</i> , 2020, 611, 118365.	8.2	28
14	Amphiphobic electrospun PTFE nanofibrous membranes for robust membrane distillation process. <i>Journal of Membrane Science</i> , 2022, 641, 119876.	8.2	28
15	A facile and environmental-friendly strategy for preparation of poly (tetrafluoroethylene-co-hexafluoropropylene) hollow fiber membrane and its membrane emulsification performance. <i>Chemical Engineering Journal</i> , 2020, 384, 123345.	12.7	27
16	Poly(vinylidene Fluoride-Hexafluoropropylene) Porous Membrane with Controllable Structure and Applications in Efficient Oil/Water Separation. <i>Materials</i> , 2018, 11, 443.	2.9	26
17	Pore structure optimization of electrospun PTFE nanofiber membrane and its application in membrane emulsification. <i>Separation and Purification Technology</i> , 2020, 251, 117297.	7.9	26
18	Preparation and interface structure study on dual-layer polyvinyl chloride matrix reinforced hollow fiber membranes. <i>Journal of Membrane Science</i> , 2014, 472, 210-221.	8.2	25

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19	Novel Ultrafine Fibrous Poly(tetrafluoroethylene) Hollow Fiber Membrane Fabricated by Electrospinning. <i>Polymers</i> , 2018, 10, 464.	4.5	25
20	PTFE conductive membrane for EVMD process and the application of electro-catalysis. <i>Separation and Purification Technology</i> , 2017, 187, 327-333.	7.9	21
21	In situ photo-thermal conversion nanofiber membrane consisting of hydrophilic PAN layer and hydrophobic PVDF-ATO layer for improving solar-thermal membrane distillation. <i>Journal of Membrane Science</i> , 2021, 635, 119500.	8.2	21
22	Dual effect of polypyrrole doping on cadmium sulfide for enhanced photocatalytic activity and robust photostability. <i>Journal of Materials Science</i> , 2018, 53, 2065-2076.	3.7	19
23	Fabrication and characterization of ECTFE hollow fiber membranes via low-temperature thermally induced phase separation (L-TIPS). <i>Journal of Membrane Science</i> , 2021, 634, 119429.	8.2	19
24	Ultra-highly photocatalytic removal of pollutants by polypyrrole/cadmium sulfide/polyether sulfone hybrid porous membrane in single-pass mode. <i>Chemical Engineering Journal</i> , 2022, 432, 134300.	12.7	19
25	Preparation and properties of polytetrafluoroethylene/CaCO <sub>3</sub> hybrid hollow fiber membranes. <i>Journal of Applied Polymer Science</i> , 2012, 123, 324-330.	2.6	15
26	A hybrid electric field assisted vacuum membrane distillation method to mitigate membrane fouling. <i>RSC Advances</i> , 2018, 8, 18084-18092.	3.6	14
27	Facile fabrication of PVDF-CTFE microporous membranes with optimized surface and sublayer structure via non-solvent induced phase separation. <i>Journal of Water Process Engineering</i> , 2022, 45, 102504.	5.6	14
28	Preparation and performance of braided reinforced poly(vinyl chloride) hollow fiber membranes. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45068.	2.6	12
29	Unique performance of poly(p-phenylene terephthamide) hollow fiber membranes. <i>Journal of Materials Science</i> , 2016, 51, 1522-1531.	3.7	11
30	Study on interface structure and performance of homogeneous-reinforced polyvinyl chloride hollow fiber membranes. <i>Iranian Polymer Journal (English Edition)</i> , 2015, 24, 491-503.	2.4	8
31	Supported Electrospun Ultrafine Fibrous Poly(tetrafluoroethylene)/ZnO Porous Membranes and their Photocatalytic Applications. <i>Chemical Engineering and Technology</i> , 2018, 41, 656-662.	1.5	8
32	Facile preparation of PMMA@PLA core-shell microspheres by PTFE membrane emulsification. <i>Journal of Membrane Science</i> , 2022, 644, 120178.	8.2	7
33	Preparation and properties of poly(tetrafluoroethylene)/calcium carbonate hybrid porous membranes. <i>Journal of Applied Polymer Science</i> , 2012, 124, E116-E122.	2.6	4
34	Electrospinning organic solvent resistant preoxidized poly(acrylonitrile) nanofiber membrane and its properties. <i>Chinese Journal of Chemical Engineering</i> , 2023, 53, 289-299.	3.5	4
35	Study on the fabrication and properties of FEP/SiO <sub>2</sub> hybrid flat-sheet membrane and its application in VMD. <i>Desalination and Water Treatment</i> , 2016, 57, 14908-14918.	1.0	3
36	Poly(tetrafluoroethylene-co-hexafluoropropylene)/Ferric Oxide Hybrid Membranes for High Concentration of Dye Wastewater Treatment by Heterogeneous Fenton-Like Catalysis. <i>Catalysis Letters</i> , 2021, 151, 3020-3029.	2.6	2

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37	Effect of parameters on ME process by near-field electrospun PTFE membrane. Journal of the Taiwan Institute of Chemical Engineers, 2022, 131, 104181.	5.3	2
38	Necklace-like hybrid nanofiber as an enhanced and recyclable intrinsic photocatalyst for tetracycline removal and hydrogen evolution. Materials Today Communications, 2021, 29, 102761.	1.9	0