

# Hailiang Liu

## List of Publications by Year in descending order

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26  
papers

649  
citations

567281

15  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Fabrication and properties of PVDF and PVDF/CHFP microfiltration membranes. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46711.	2.6	56
4	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
5	Three-dimensional structure design of tubular polyvinyl chloride hybrid nanofiber membranes for water-in-oil emulsion separation. <i>Journal of Membrane Science</i> , 2021, 620, 118905.	8.2	46
6	Design of a novel interfacial enhanced GO-PA/APVC nanofiltration membrane with stripe-like structure. <i>Journal of Membrane Science</i> , 2020, 604, 118064.	8.2	40
7	Preparation and performance of homogeneous braid reinforced cellulose acetate hollow fiber membranes. <i>Cellulose</i> , 2015, 22, 695-707.	4.9	34
8	Study on the structural design and performance of novel braid-reinforced and thermostable poly(m-phenylene isophthalamide) hollow fiber membranes. <i>RSC Advances</i> , 2017, 7, 20327-20335.	3.6	31
9	Post-treatment effect on morphology and performance of polyurethane-based hollow fiber membranes through melt-spinning method. <i>Journal of Membrane Science</i> , 2013, 427, 326-335.	8.2	27
10	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
11	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
12	A study on fabrication of PVDF-HFP/PTFE blend membranes with controllable and bicontinuous structure for highly effective water-in-oil emulsion separation. <i>RSC Advances</i> , 2018, 8, 27754-27762.	3.6	25
13	Preparation and characterization of braided tube reinforced polyacrylonitrile hollow fiber membranes. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	24
14	Structure design and performance study on homogeneous-reinforced polyvinyl chloride hollow fiber membranes. <i>Desalination</i> , 2013, 331, 35-45.	8.2	23
15	Amphiphilic surface construction and properties of PVC-g-PPEGMA/PTFEMA graft copolymer membrane. <i>Applied Surface Science</i> , 2021, 545, 148985.	6.1	19
16	Oriented structure design and evaluation of Fe <sub>3</sub> O <sub>4</sub> /o-MWCNTs/PVC composite membrane assisted by magnetic field. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2021, 120, 278-290.	5.3	16
17	Effect of on-line stretching treatment on the structure and performance of polyvinyl chloride hollow fiber membranes. <i>RSC Advances</i> , 2019, 9, 6699-6707.	3.6	14
18	Preparation and performance of braid-reinforced poly(vinyl chloride) hollow fiber membranes. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45068.	2.6	12

#	ARTICLE	IF	CITATIONS
19	Unique performance of poly(p-phenylene terephthamide) hollow fiber membranes. Journal of Materials Science, 2016, 51, 1522-1531.	3.7	11
20	Preparation of the interfacial enhanced PA/APVC nanofiltration membrane based on the in-situ amination of substrate membrane. Separation and Purification Technology, 2022, 280, 119964.	7.9	9
21	Study on interface structure and performance of homogeneous-reinforced polyvinyl chloride hollow fiber membranes. Iranian Polymer Journal (English Edition), 2015, 24, 491-503.	2.4	8
22	Design of a novel PVDF-HFP/GE tubular nanofiber membranes for ultrafast and continuous oil/water separation. Journal of Materials Science, 2019, 54, 13810-13820.	3.7	8
23	Engineering of macroscale graphene oxide quantum dots skeleton membrane via electrostatic spraying method. Journal of Membrane Science, 2022, 650, 120428.	8.2	8
24	Fabrication and properties of polyvinyl chloride hollow fiber membranes plastified by dioctyl phthalate. Desalination and Water Treatment, 2013, 51, 3786-3793.	1.0	6
25	Structure and Performance of Poly(vinylidene chloride-co-vinyl chloride) Porous Membranes with Different Additives. Chemical Engineering and Technology, 2019, 42, 215-224.	1.5	5
26	Study on the fabrication and properties of FEP/SiO <sub>2</sub> hybrid flat-sheet membrane and its application in VMD. Desalination and Water Treatment, 2016, 57, 14908-14918.	1.0	3