

# Zhen Liu

## List of Publications by Year in descending order

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12  
papers

410  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
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12  
docs citations

12  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of superhydrophobic micro/nano-structure surface on polypropylene hollow fiber membrane and its application in membrane distillation. <i>Journal of Materials Science</i> , 2022, 57, 5658-5678.	3.7	7
2	Fabrication of a novel one-step coating hyper-hydrophobic fluorine-free TiO <sub>2</sub> decorated hollow composite membrane for use in longer-term VMD with enhanced flux, rejection, anti-wetting and anti-fouling performances. <i>Nanoscale</i> , 2021, 13, 12342-12355.	5.6	6
3	Excellent performance of novel superhydrophobic composite hollow membrane in the vacuum membrane distillation. <i>Separation and Purification Technology</i> , 2021, 268, 118603.	7.9	14
4	Preparation and vacuum membrane distillation performance of a silane coupling agent-modified polypropylene hollow fiber membrane. <i>Desalination</i> , 2019, 468, 114060.	8.2	33
5	Effect of Mixed Solvents on the Structure of Polyvinylidene Fluoride Flat Membrane in Thermally Induced Phase Separation Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5994-5998.	0.9	6
6	Dual-Stimuli-Responsive Cross-Linked Graphene Oxide/Poly(vinyl alcohol) Membranes with Anisotropic Liquid Penetration Behaviors. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3413-3421.	4.4	8
7	Superlight Adsorbent Sponges Based on Graphene Oxide Cross-Linked with Poly(vinyl alcohol) for Continuous Flow Adsorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21672-21680.	8.0	34
8	Fabrication of super-hydrophobic polypropylene hollow fiber membrane and its application in membrane distillation. <i>Desalination</i> , 2017, 414, 10-17.	8.2	77
9	Study on vacuum membrane distillation (VMD) using FEP hollow fiber membrane. <i>Desalination</i> , 2015, 375, 24-32.	8.2	41
10	Preparation and performance of sulfonated polysulfone flat ultrafiltration membranes. <i>Polymer Engineering and Science</i> , 2015, 55, 1003-1011.	3.1	15
11	Study on vacuum membrane distillation of PP hollow fiber membranes used in concentrated seawater from low-pressure reverse osmosis. <i>Desalination and Water Treatment</i> , 2013, 51, 3925-3929.	1.0	9
12	Effect of micro-sized SiO <sub>2</sub> -particle on the performance of PVDF blend membranes via TIPS. <i>Journal of Membrane Science</i> , 2010, 360, 259-264.	8.2	160