Zhen Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9235526/publications.pdf

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12	410	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	542
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of micro-sized SiO2-particle on the performance of PVDF blend membranes via TIPS. Journal of Membrane Science, 2010, 360, 259-264.	8.2	160
2	Fabrication of super-hydrophobic polypropylene hollow fiber membrane and its application in membrane distillation. Desalination, 2017, 414, 10-17.	8.2	77
3	Study on vacuum membrane distillation (VMD) using FEP hollow fiber membrane. Desalination, 2015, 375, 24-32.	8.2	41
4	Superlight Adsorbent Sponges Based on Graphene Oxide Cross-Linked with Poly(vinyl alcohol) for Continuous Flow Adsorption. ACS Applied Materials & Interfaces, 2018, 10, 21672-21680.	8.0	34
5	Preparation and vacuum membrane distillation performance of a silane coupling agent-modified polypropylene hollow fiber membrane. Desalination, 2019, 468, 114060.	8.2	33
6	Preparation and performance of sulfonated polysulfone flat ultrafiltration membranes. Polymer Engineering and Science, 2015, 55, 1003-1011.	3.1	15
7	Excellent performance of novel superhydrophobic composite hollow membrane in the vacuum membrane distillation. Separation and Purification Technology, 2021, 268, 118603.	7.9	14
8	Study on vacuum membrane distillation of PP hollow fiber membranes used in concentrated seawater from low-pressure reverse osmosis. Desalination and Water Treatment, 2013, 51, 3925-3929.	1.0	9
9	Dual-Stimuli-Responsive Cross-Linked Graphene Oxide/Poly(vinyl alcohol) Membranes with Anisotropic Liquid Penetration Behaviors. ACS Applied Polymer Materials, 2019, 1, 3413-3421.	4.4	8
10	Construction of superhydrophobic micro/nano-structure surface on polypropylene hollow fiber membrane and its application in membrane distillation. Journal of Materials Science, 2022, 57, 5658-5678.	3.7	7
11	Effect of Mixed Solvents on the Structure of Polyvinylidene Fluoride Flat Membrane in Thermally Induced Phase Separation Method. Journal of Nanoscience and Nanotechnology, 2019, 19, 5994-5998.	0.9	6
12	Fabrication of a novel one-step coating hyper-hydrophobic fluorine-free TiO2 decorated hollow composite membrane for use in longer-term VMD with enhanced flux, rejection, anti-wetting and anti-fouling performances. Nanoscale, 2021, 13, 12342-12355.	5.6	6