

Yongjie Liu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

589
citations

1162889
8
h-index

1588896
8
g-index

8
all docs

8
docs citations

8
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	Slippery for scaling resistance in membrane distillation: A novel porous micropillared superhydrophobic surface. <i>Water Research</i> , 2019, 155, 152-161.	5.3	183
2	Scaling mitigation in membrane distillation: From superhydrophobic to slippery. <i>Desalination</i> , 2019, 466, 36-43.	4.0	117
3	Understanding the fouling/scaling resistance of superhydrophobic/omniphobic membranes in membrane distillation. <i>Desalination</i> , 2021, 499, 114864.	4.0	86
4	Unprecedented scaling/fouling resistance of omniphobic polyvinylidene fluoride membrane with silica nanoparticle coated micropillars in direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2020, 599, 117819.	4.1	81
5	Laminated PTFE membranes to enhance the performance in direct contact membrane distillation for high salinity solution. <i>Desalination</i> , 2017, 424, 140-148.	4.0	35
6	Synergy of slippery surface and pulse flow: An anti-scaling solution for direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2020, 603, 118035.	4.1	35
7	Anisotropic performance of a superhydrophobic polyvinyl difluoride membrane with corrugated pattern in direct contact membrane distillation. <i>Desalination</i> , 2020, 481, 114363.	4.0	26
8	Negative Pressure Membrane Distillation for Excellent Gypsum Scaling Resistance and Flux Enhancement. <i>Environmental Science & Technology</i> , 2022, 56, 1405-1412.	4.6	26