Lusi Zou

List of Publications by Year
in descending order

11	153	1478505 6	1281871 11
papers	citations	h-index	g-index

11	11	11	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel Janus composite hollow fiber membrane-based direct contact membrane distillation (DCMD) process for produced water desalination. Journal of Membrane Science, 2020, 597, 117756.	8.2	43
2	Crosslinked PVDF based hydrophilic-hydrophobic dual-layer hollow fiber membranes for direct contact membrane distillation desalination: from the seawater to oilfield produced water. Journal of Membrane Science, 2021, 619, 118802.	8.2	33
3	Soybean and moringa based green biosolvents for low-concentration CO2 capture via a hollow fiber membrane contactor. Chemical Engineering Journal, 2018, 335, 631-637.	12.7	25
4	Macrovoid-Inhibited PVDF Hollow Fiber Membranes via Spinning Process Delay for Direct Contact Membrane Distillation. ACS Applied Materials & Interfaces, 2020, 12, 28655-28668.	8.0	15
5	Study of the effective thickness of the water-intrudable hydrophilic layer in dual-layer hydrophilic-hydrophobic hollow fiber membranes for direct contact membrane distillation. Journal of Membrane Science, 2020, 615, 118552.	8.2	11
6	Performance and stability of a bio-inspired soybean-based solvent for CO2 capture from flue gas. Chemical Engineering Journal, 2020, 385, 123908.	12.7	6
7	Regeneration Behavior of a Sustainable Bioinspired Soybean-Based Solvent for CO2 Capture. ACS Sustainable Chemistry and Engineering, 2020, 8, 3929-3937.	6.7	6
8	Compatibility and thermal decomposition behavior of acrylic block copolymer modified epoxy resin. Journal of Polymer Research, 2020, 27, 1.	2.4	6
9	Desirable PVDF hollow fiber membrane engineered with synergism between small molecular weight additives for DCMD treating of a hypersaline brine. Journal of Water Process Engineering, 2022, 45, 102528.	5.6	5
10	Nano-cavitation structure toughness mechanism and optical properties of amphiphilic acrylate block copolymer modified epoxy system. Journal of Polymer Research, 2021, 28, 1.	2.4	2
11	Study of a poly(vinylidene fluoride)/hydrophobic silica sol hybrid hollow fiber membrane for treatment of produced water via direct contact membrane distillation. Journal of Water Process Engineering, 2021, 44, 102345.	5.6	1