

# Lusi Zou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3688569/publications.pdf>

Version: 2024-02-01

11  
papers

153  
citations

1478505

6  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

180  
citing authors

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