

Can Zeng Liang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Tunable Supramolecular Cavities Molecularly Homogenized in Polymer Membranes for Ultraefficient Precombustion CO ₂ Capture. <i>Advanced Materials</i> , 2022, 34, e2105156.	21.0	22
2	Tunable Supramolecular Cavities Molecularly Homogenized in Polymer Membranes for Ultraefficient Precombustion CO ₂ Capture (Adv. Mater. 3/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	3
3	An Aromatic Fluoropolymer for Hydrogen Separation from Hydrocarbons. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100796.	3.9	6
4	Ultra-strong polymeric hollow fiber membranes for saline dewatering and desalination. <i>Nature Communications</i> , 2021, 12, 2338.	12.8	37
5	Optimization of TFC-PES hollow fiber membranes for reverse osmosis (RO) and osmotically assisted reverse osmosis (OARO) applications. <i>Journal of Membrane Science</i> , 2021, 625, 119156.	8.2	35
6	Novel Cellulose Triacetate (CTA)/Cellulose Diacetate (CDA) Blend Membranes Enhanced by Amine Functionalized ZIF-8 for CO ₂ Separation. <i>Polymers</i> , 2021, 13, 2946.	4.5	14
7	Robust thin film composite PDMS/PAN hollow fiber membranes for water vapor removal from humid air and gases. <i>Separation and Purification Technology</i> , 2018, 202, 345-356.	7.9	68
8	Ultrahigh Flux Composite Hollow Fiber Membrane via Highly Crosslinked PDMS for Recovery of Hydrocarbons: Propane and Propene. <i>Macromolecular Rapid Communications</i> , 2018, 39, 1700535.	3.9	28
9	High-performance composite hollow fiber membrane for flue gas and air separations. <i>Journal of Membrane Science</i> , 2017, 541, 367-377.	8.2	118
10	Hollow Fiber Membrane Dehumidification Device for Air Conditioning System. <i>Membranes</i> , 2015, 5, 722-738.	3.0	61