Menno Houben

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2584883/publications.pdf

Version: 2024-02-01

10	136	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	118
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Systematic investigation of methods to suppress membrane plasticization during CO2 permeation at supercritical conditions. Journal of Membrane Science, 2022, 647, 120292.	8.2	12
2	Plasticization behavior of crown-ether containing polyimide membranes for the separation of CO2. Separation and Purification Technology, 2021, 255, 117307.	7.9	21
3	Supercritical CO2 permeation in glassy polyimide membranes. Journal of Membrane Science, 2021, 620, 118922.	8.2	16
4	The influence of pore aperture, volume and functionality of isoreticular gmelinite zeolitic imidazolate frameworks on the mixed gas CO2/N2 and CO2/CH4 separation performance in mixed matrix membranes. Separation and Purification Technology, 2021, 260, 118103.	7.9	14
5	Investigation of ZIFâ€78 Morphology and Feed Composition on the Mixed Gas CO₂/N₂ Separation Performance in Mixed Matrix Membranes. Advanced Materials Interfaces, 2021, 8, 2001478.	3.7	11
6	Time-dependent plasticization behavior of polyimide membranes at supercritical conditions. Journal of Membrane Science, 2021, 635, 119512.	8.2	5
7	Tortuous mixed matrix membranes: A subtle balance between microporosity and compatibility. Journal of Membrane Science, 2021, 635, 119517.	8.2	9
8	Tailoring the separation performance of ZIF-based mixed matrix membranes by MOF-matrix interfacial compatibilization. Journal of Membrane Science, 2021, 637, 119642.	8.2	23
9	On the Order and Orientation in Liquid Crystalline Polymer Membranes for Gas Separation. Chemistry of Materials, 2021, 33, 8323-8333.	6.7	12
10	Magnetically Aligned and Enriched Pathways of Zeolitic Imidazolate Framework 8 in Matrimid Mixed Matrix Membranes for Enhanced CO2 Permeability. Membranes, 2020, 10, 155.	3.0	13