

Sharon Lin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,180
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	MOF-Based Membranes for Gas Separations. <i>Chemical Reviews</i> , 2020, 120, 8161-8266.	47.7	755
2	Mixed-Matrix Membranes Formed from Imide-Functionalized UiO-66-NH ₂ for Improved Interfacial Compatibility. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31257-31269.	8.0	108
3	Polymers with Side Chain Porosity for Ultraporous and Plasticization Resistant Materials for Gas Separations. <i>Advanced Materials</i> , 2019, 31, e1807871.	21.0	64
4	Gold Nanoantenna-Mediated Photothermal Drug Delivery from Thermosensitive Liposomes in Breast Cancer. <i>ACS Omega</i> , 2016, 1, 234-243.	3.5	62
5	Facile and Time-Efficient Carboxylic Acid Functionalization of PIM-1: Effect on Molecular Packing and Gas Separation Performance. <i>Macromolecules</i> , 2020, 53, 6220-6234.	4.8	44
6	Leveraging Free Volume Manipulation to Improve the Membrane Separation Performance of Amine-Functionalized PIM-1. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6593-6599.	13.8	30
7	Influence of Aliphatic and Aromatic Fluorine Groups on Gas Permeability and Morphology of Fluorinated Polyimide Films. <i>Macromolecules</i> , 2020, 53, 5085-5095.	4.8	28
8	Revisiting group contribution theory for estimating fractional free volume of microporous polymer membranes. <i>Journal of Membrane Science</i> , 2021, 636, 119526.	8.2	26
9	Structure-Function Assessment of Mannosylated Poly(β -amino esters) upon Targeted Antigen Presenting Cell Gene Delivery. <i>Biomacromolecules</i> , 2015, 16, 1534-1541.	5.4	24
10	Elucidating the Role of Fluorine Content on Gas Sorption Properties of Fluorinated Polyimides. <i>Macromolecules</i> , 2021, 54, 22-34.	4.8	13
11	Free volume manipulation of a 6FDA-HAB polyimide using a solid-state protection/deprotection strategy. <i>Polymer</i> , 2021, 212, 123121.	3.8	11
12	Side-Chain Length and Dispersity in ROMP Polymers with Pore-Generating Side Chains for Gas Separations. <i>Jacs Au</i> , 2022, 2, 1610-1615.	7.9	9
13	Leveraging Free Volume Manipulation to Improve the Membrane Separation Performance of Amine-Functionalized PIM-1. <i>Angewandte Chemie</i> , 2021, 133, 6667-6673.	2.0	6