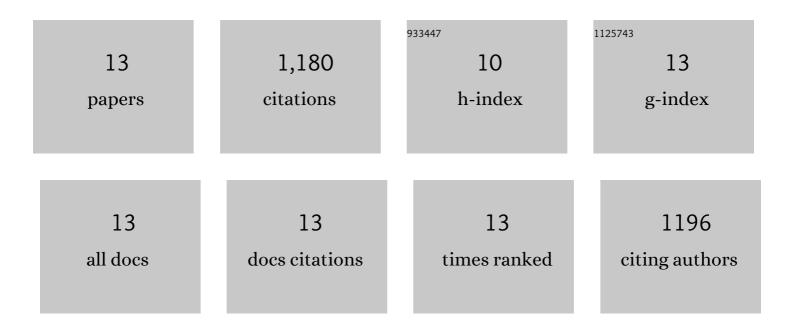
## Sharon Lin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1228717/publications.pdf Version: 2024-02-01



SHADON LIN

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