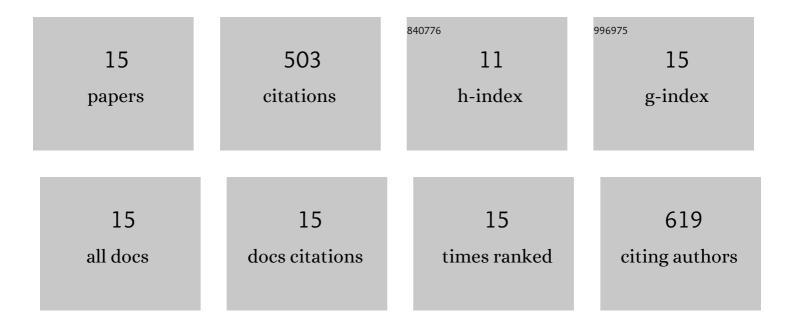
## Haoli Zhou

List of Publications by Year in descending order

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Ηλου Ζμου

#	Article	IF	CITATIONS
1	Highâ€Efficiency Waterâ€Transport Channels using the Synergistic Effect of a Hydrophilic Polymer and Graphene Oxide Laminates. Advanced Functional Materials, 2015, 25, 5809-5815.	14.9	177
2	Fabrication of high silicalite-1 content filled PDMS thin composite pervaporation membrane for the separation of ethanol from aqueous solutions. Journal of Membrane Science, 2017, 524, 1-11.	8.2	64
3	PDMS/PVDF composite pervaporation membrane for the separation of dimethyl carbonate from a methanol solution. Journal of Membrane Science, 2014, 471, 47-55.	8.2	56
4	Microporous Polyamide Membranes for Molecular Sieving of Nitrogen from Volatile Organic Compounds. Angewandte Chemie - International Edition, 2017, 56, 5755-5759.	13.8	40
5	Microporous polyimide VOC-rejective membrane for the separation of nitrogen/VOC mixture. Journal of Hazardous Materials, 2021, 402, 123817.	12.4	30
6	Membranes with Intrinsic Micro-Porosity: Structure, Solubility, and Applications. Membranes, 2019, 9, 3.	3.0	26
7	Adjustable Functionalization of Hyper-Cross-Linked Polymers of Intrinsic Microporosity for Enhanced CO <sub>2</sub> Adsorption and Selectivity over N <sub>2</sub> and CH <sub>4</sub> . ACS Applied Materials & amp; Interfaces, 2022, 14, 20997-21006.	8.0	24
8	Heat-Integrated Pervaporation–Distillation Hybrid System for the Separation of Methyl Acetate–Methanol Azeotropes. Industrial & Engineering Chemistry Research, 2021, 60, 10327-10337.	3.7	17
9	Relation between permeate pressure and operational parameters in VOC/nitrogen separation by a PDMS composite membrane. Separation and Purification Technology, 2022, 280, 119974.	7.9	17
10	Rational tuning of the viscosity of membrane solution for the preparation of sub-micron thick PDMS composite membrane for pervaporation of ethanol-water solution. Separation and Purification Technology, 2021, 255, 117729.	7.9	13
11	Tuning of solvent evaporation to prepare PEBA membrane with high separation performance for the pervaporation of phenol aqueous solution. Journal of Membrane Science, 2022, 656, 120638.	8.2	12
12	Study on the effect of crosslinking temperature on microporous polyamide membrane structure and its nitrogen/cyclohexane separation performance. Separation and Purification Technology, 2020, 252, 117401.	7.9	8
13	Triptycene and triphenylbenzene-based polymers of intrinsic microporosity (PIMs) for the removal of pharmaceutical residues from wastewater. Microporous and Mesoporous Materials, 2022, 330, 111602.	4.4	8
14	Polyamide@GO microporous membrane with enhanced permeability for the molecular sieving of nitrogen over VOC. Journal of Membrane Science, 2022, 652, 120443.	8.2	6
15	Pervaporative separation of methyl acetate–methanol azeotropic mixture using highâ€performance polydimethylsiloxane/ceramic composite membrane. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2343.	1.5	5