Haoli Zhou

List of Publications by Year
in descending order

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15	503	840776 11	996975 15
papers	citations	h-index	g-index

15	15	15	619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	Adjustable Functionalization of Hyper-Cross-Linked Polymers of Intrinsic Microporosity for Enhanced CO₂ Adsorption and Selectivity over N₂ and CH₄. ACS Applied Materials & Interfaces, 2022, 14, 20997-21006.	8.0	24
5	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
6	Microporous polyimide VOC-rejective membrane for the separation of nitrogen/VOC mixture. Journal of Hazardous Materials, 2021, 402, 123817.	12.4	30
7	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
8	Heat-Integrated Pervaporationâ€“Distillation Hybrid System for the Separation of Methyl Acetateâ€“Methanol Azeotropes. Industrial & Engineering Chemistry Research, 2021, 60, 10327-10337.	3.7	17
9	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
10	Pervaporative separation of methyl acetateâ€“methanol azeotropic mixture using highâ€performance polydimethylsiloxane/ceramic composite membrane. Asia-Pacific Journal of Chemical Engineering, 2019, 14, e2343.	1.5	5
11	Membranes with Intrinsic Micro-Porosity: Structure, Solubility, and Applications. Membranes, 2019, 9, 3.	3.0	26
12	Microporous Polyamide Membranes for Molecular Sieving of Nitrogen from Volatile Organic Compounds. Angewandte Chemie - International Edition, 2017, 56, 5755-5759.	13.8	40
13	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
14	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
15	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