

Haoli Zhou

List of Publications by Year in descending order

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15
papers

503
citations

840776

11
h-index

996975

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all docs

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docs citations

15
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	High Efficiency Water Transport Channels using the Synergistic Effect of a Hydrophilic Polymer and Graphene Oxide Laminates. <i>Advanced Functional Materials</i> , 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. <i>Journal of Membrane Science</i> , 2017, 524, 1-11.	8.2	64
3	PDMS/PVDF composite pervaporation membrane for the separation of dimethyl carbonate from a methanol solution. <i>Journal of Membrane Science</i> , 2014, 471, 47-55.	8.2	56
4	Microporous Polyamide Membranes for Molecular Sieving of Nitrogen from Volatile Organic Compounds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5755-5759.	13.8	40
5	Microporous polyimide VOC-rejective membrane for the separation of nitrogen/VOC mixture. <i>Journal of Hazardous Materials</i> , 2021, 402, 123817.	12.4	30
6	Membranes with Intrinsic Micro-Porosity: Structure, Solubility, and Applications. <i>Membranes</i> , 2019, 9, 3.	3.0	26
7	Adjustable Functionalization of Hyper-Cross-Linked Polymers of Intrinsic Microporosity for Enhanced CO ₂ Adsorption and Selectivity over N ₂ and CH ₄ . <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 20997-21006.	8.0	24
8	Heat-Integrated Pervaporation Distillation Hybrid System for the Separation of Methyl Acetate Methanol Azeotropes. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 10327-10337.	3.7	17
9	Relation between permeate pressure and operational parameters in VOC/nitrogen separation by a PDMS composite membrane. <i>Separation and Purification Technology</i> , 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. <i>Separation and Purification Technology</i> , 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. <i>Journal of Membrane Science</i> , 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. <i>Separation and Purification Technology</i> , 2020, 252, 117401.	7.9	8
13	Triptycene and triphenylbenzene-based polymers of intrinsic microporosity (PIMs) for the removal of pharmaceutical residues from wastewater. <i>Microporous and Mesoporous Materials</i> , 2022, 330, 111602.	4.4	8
14	Polyamide@GO microporous membrane with enhanced permeability for the molecular sieving of nitrogen over VOC. <i>Journal of Membrane Science</i> , 2022, 652, 120443.	8.2	6
15	Pervaporative separation of methyl acetate methanol azeotropic mixture using high performance polydimethylsiloxane/ceramic composite membrane. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2019, 14, e2343.	1.5	5