

Mei-ling Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

513
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step enhancement of solvent transport, stability and photocatalytic properties of graphene oxide/polyimide membranes with multifunctional cross-linkers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3170-3178.	10.3	102
2	Structure design and applications of dual-layer polymeric membranes. <i>Journal of Membrane Science</i> , 2018, 562, 85-111.	8.2	94
3	Precisely Patterned Nanostrand Surface of Cucurbituril[<i>n</i>]-Based Nanofiltration Membranes for Effective Alcohol-Water Condensation. <i>Nano Letters</i> , 2020, 20, 2717-2723.	9.1	66
4	The encouraging improvement of polyamide nanofiltration membrane by cucurbituril-based host-guest chemistry. <i>AIChE Journal</i> , 2020, 66, e16879.	3.6	64
5	Scalable conductive polymer membranes for ultrafast organic pollutants removal. <i>Journal of Membrane Science</i> , 2021, 617, 118644.	8.2	52
6	High-permeability and anti-fouling nanofiltration membranes decorated by asymmetric organic phosphate. <i>Journal of Membrane Science</i> , 2021, 617, 118667.	8.2	43
7	Graphene oxide/cross-linked polyimide (GO/CLPI) composite membranes for organic solvent nanofiltration. <i>Chemical Engineering Research and Design</i> , 2019, 146, 182-189.	5.6	27
8	Multi-component separation of small molecular/ionic pollutants with smart pH-gating membranes. <i>Chemical Engineering Science</i> , 2021, 245, 116854.	3.8	24
9	Solvation-amination-synergy that neutralizes interfacially polymerized membranes for ultrahigh selective nanofiltration. <i>AIChE Journal</i> , 2022, 68, .	3.6	23
10	Dual-layer membrane with hierarchical hydrophobicity and transport channels for nonpolar organic solvent nanofiltration. <i>AIChE Journal</i> , 2021, 67, e17138.	3.6	17
11	Hollow fiber spinning of dual-layer membranes. , 2021, , 253-274.		1