

Zhiming Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

386
citations

1162367

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1281420

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times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Vapor-liquid interfacial polymerization of covalent organic framework membranes for efficient alcohol dehydration. <i>Journal of Membrane Science</i> , 2022, 641, 119905.	4.1	18
2	Highly permeable and antioxidative graphene oxide membranes for concentration of hydrogen peroxide aqueous solution. <i>Journal of Membrane Science</i> , 2022, 643, 120036.	4.1	8
3	Hybrid membranes with 2D vertical continuous channels from layered double hydroxides array for high-efficiency ethanol dehydration. <i>Journal of Membrane Science</i> , 2022, 643, 120040.	4.1	9
4	Ultrafast seawater desalination with covalent organic framework membranes. <i>Nature Sustainability</i> , 2022, 5, 518-526.	11.5	126
5	Vertically oriented Fe ₃ O ₄ nanoflakes within hybrid membranes for efficient water/ethanol separation. <i>Journal of Membrane Science</i> , 2021, 620, 118916.	4.1	8
6	Construction of graphene oxide membrane through non-covalent cross-linking by sulfonated cyclodextrin for ultra-permeable butanol dehydration. <i>Journal of Membrane Science</i> , 2021, 621, 118938.	4.1	30
7	Lamellar porous vermiculite membranes for boosting nanofluidic osmotic energy conversion. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14576-14581.	5.2	56
8	Heterostructured graphene oxide membranes with tunable water-capture coatings for highly selective water permeation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 7903-7912.	5.2	18
9	Electrostatic-modulated interfacial polymerization toward ultra-permeable nanofiltration membranes. <i>IScience</i> , 2021, 24, 102369.	1.9	67
10	Conferring efficient alcohol dehydration to covalent organic framework membranes via post-synthetic linker exchange. <i>Journal of Membrane Science</i> , 2021, 630, 119319.	4.1	30
11	Graphene oxide membranes tuned by metal-phytic acid coordination complex for butanol dehydration. <i>Journal of Membrane Science</i> , 2021, 638, 119736.	4.1	16