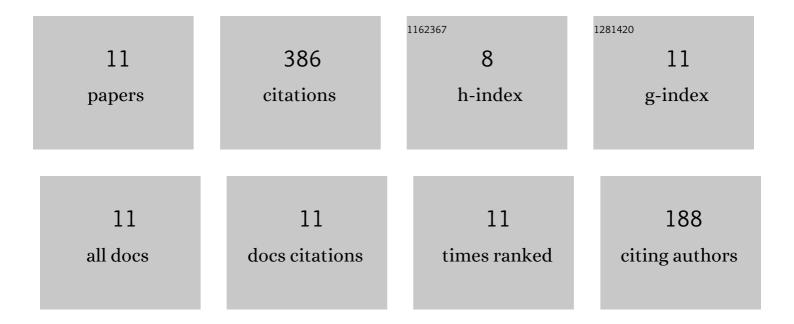
Zhiming Zhang

List of Publications by Year in descending order

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ZHIMING ZHANG

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Vapor-liquid interfacial polymerization of covalent organic framework membranes for efficient alcohol dehydration. Journal of Membrane Science, 2022, 641, 119905. | 4.1 | 18 |
| 2 | Highly permeable and antioxidative graphene oxide membranes for concentration of hydrogen peroxide aqueous solution. Journal of Membrane Science, 2022, 643, 120036. | 4.1 | 8 |
| 3 | Hybrid membranes with 2D vertical continuous channels from layered double hydroxides array for high-efficiency ethanol dehydration. Journal of Membrane Science, 2022, 643, 120040. | 4.1 | 9 |
| 4 | Ultrafast seawater desalination with covalent organic framework membranes. Nature Sustainability, 2022, 5, 518-526. | 11.5 | 126 |
| 5 | Vertically oriented Fe3O4 nanoflakes within hybrid membranes for efficient water/ethanol separation. Journal of Membrane Science, 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. Journal of Membrane Science, 2021, 621, 118938. | 4.1 | 30 |
| 7 | Lamellar porous vermiculite membranes for boosting nanofluidic osmotic energy conversion. Journal of Materials Chemistry A, 2021, 9, 14576-14581. | 5.2 | 56 |
| 8 | Heterostructured graphene oxide membranes with tunable water-capture coatings for highly selective water permeation. Journal of Materials Chemistry A, 2021, 9, 7903-7912. | 5.2 | 18 |
| 9 | Electrostatic-modulated interfacial polymerization toward ultra-permselective nanofiltration membranes. IScience, 2021, 24, 102369. | 1.9 | 67 |
| 10 | Conferring efficient alcohol dehydration to covalent organic framework membranes via post-synthetic linker exchange. Journal of Membrane Science, 2021, 630, 119319. | 4.1 | 30 |
| 11 | Graphene oxide membranes tuned by metal-phytic acid coordination complex for butanol dehydration. Journal of Membrane Science, 2021, 638, 119736. | 4.1 | 16 |