# Meidi Wang

List of Publications by Year
in descending order



| 12 | 635 | 840776 11 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 471 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Organic molecular sieve membranes for chemical separations. Chemical Society Reviews, 2021, 50, 5468-5516. | 38.1 | 170 |
| 2 | Ultrafast seawater desalination with covalent organic framework membranes. Nature Sustainability, 2022, 5, 518-526. | 23.7 | 126 |
| 3 | Embedding Ag + @COFs within Pebax membrane to confer mass transport channels and facilitated transport sites for elevated desulfurization performance. Journal of Membrane Science, 2018, 552, 1-12. | 8.2 | 61 |
| 4 | BrÃ¸nsted acid mediated covalent organic framework membranes for efficient molecular separation. Journal of Materials Chemistry A, 2019, 7, 20317-20324. | 10.3 | 58 |
| 5 | Ultrapermeable graphene oxide membranes with tunable interlayer distancesviavein-like supramolecular dendrimers. Journal of Materials Chemistry A, 2019, 7, 18642-18652. | 10.3 | 48 |
| 6 | Ultrathin heterostructured covalent organic framework membranes with interfacial molecular sieving capacity for fast water-selective permeation. Journal of Materials Chemistry A, 2020, 8, 19328-19336. | 10.3 | 43 |
| 7 | Embedding hydrophobic MoS 2 nanosheets within hydrophilic sodium alginate membrane for enhanced ethanol dehydration. Chemical Engineering Science, 2018, 185, 231-242. | 3.8 | 35 |
| 8 | Efficient ethylene/ethane separation through ionic liquid-confined covalent organic framework membranes. Journal of Materials Chemistry A, 2022, 10, 5420-5429. | 10.3 | 29 |
| 9 | Constructing channel-mediated facilitated transport membranes by incorporating covalent organic framework nanosheets with tunable microenvironments. Journal of Materials Chemistry A, 2019, 7, 9912-9923. | 10.3 | 25 |
| 10 | Heterostructured graphene oxide membranes with tunable water-capture coatings for highly selective water permeation. Journal of Materials Chemistry A, 2021, 9, 7903-7912. | 10.3 | 18 |
| 11 | Hollow monocrystalline silicaliteâ€1 hybrid membranes for efficient pervaporative desulfurization. AICHE Journal, 2019, 65, 196-206. | 3.6 | 12 |
| 12 | Enhanced desulfurization performance of hybrid membranes using embedded hierarchical porous SBA-15. Frontiers of Chemical Science and Engineering, 2020, 14, 661-672. | 4.4 | 7 |