

Meidi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

635
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

471
citing authors

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