

Xiaoyao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5145754/publications.pdf>

Version: 2024-02-01

11
papers

457
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

243
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	Assembling covalent organic framework membranes with superior ion exchange capacity. <i>Nature Communications</i> , 2022, 13, 1020.	12.8	79
3	Assembling covalent organic framework membranes via phase switching for ultrafast molecular transport. <i>Nature Communications</i> , 2022, 13, .	12.8	42
4	Charged Nanochannels in Covalent Organic Framework Membranes Enabling Efficient Ion Exclusion. <i>ACS Nano</i> , 2022, 16, 11781-11791.	14.6	32
5	Exfoliation-free layered double hydroxides laminates intercalated with amino acids for enhanced CO ₂ separation of mixed matrix membrane. <i>Journal of Membrane Science</i> , 2021, 618, 118691.	8.2	38
6	Three-dimensional covalent organic framework membrane for efficient proton conduction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17720-17723.	10.3	32
7	Highly Proton Conductive Phosphoric Acid Porous Organic Polymers via Knitting Method. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 6337-6343.	3.7	10
8	Scalable Fabrication of Crystalline COF Membranes from Amorphous Polymeric Membranes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18051-18058.	13.8	81
9	Scalable Fabrication of Crystalline COF Membranes from Amorphous Polymeric Membranes. <i>Angewandte Chemie</i> , 2021, 133, 18199-18206.	2.0	7
10	Amino-functionalized ZIF-7 embedded polymers of intrinsic microporosity membrane with enhanced selectivity for biogas upgrading. <i>Journal of Membrane Science</i> , 2020, 602, 117970.	8.2	53
11	<i>110th Anniversary:</i> Mixed Matrix Membranes with Fillers of Intrinsic Nanopores for Gas Separation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7706-7724.	3.7	54