

Abu Zafar Al Munsur

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

395
citations

759233

12
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrophobic-hydrophilic comb-type quaternary ammonium-functionalized SEBS copolymers for high performance anion exchange membranes. <i>Journal of Membrane Science</i> , 2020, 599, 117829.	8.2	63
2	Poly(2,6-dimethyl-1,4-phenylene oxide)s with Various Head Groups: Effect of Head Groups on the Properties of Anion Exchange Membranes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41279-41292.	8.0	59
3	Nafion-Based Proton-Exchange Membranes Built on Cross-Linked Semi-Interpenetrating Polymer Networks between Poly(acrylic acid) and Poly(vinyl alcohol). <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28188-28200.	8.0	50
4	Bisimidazolium PEG-mediated crosslinked 6FDA-durene polyimide membranes for CO ₂ separation. <i>Separation and Purification Technology</i> , 2019, 224, 180-188.	7.9	41
5	Quaternary ammonium-functionalized hexyl bis(quaternary ammonium)-mediated partially crosslinked SEBSs as highly conductive and stable anion exchange membranes. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 15658-15671.	7.1	36
6	PEG/PPG- ϵ -PDMS-Based Cross-Linked Copolymer Membranes Prepared by ROMP and In Situ Membrane Casting for CO ₂ Separation: An Approach to Endow Rubbery Materials with Properties of Rigid Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27286-27299.	8.0	34
7	Hexyl quaternary ammonium- and fluorobenzoyl-grafted SEBS as hydrophilic- ϵ -hydrophobic comb-type anion exchange membranes. <i>Journal of Membrane Science</i> , 2022, 643, 120029.	8.2	30
8	A Facile Synthesis of (PIM-Polyimide)-(6FDA-Durene-Polyimide) Copolymer as Novel Polymer Membranes for CO ₂ Separation. <i>Membranes</i> , 2019, 9, 113.	3.0	22
9	Sulfonated Poly(ether sulfone)-Coated and -Blended Nafion Membranes with Enhanced Conductivity and Reduced Hydrogen Permeability. <i>ACS Applied Energy Materials</i> , 2020, 3, 11418-11433.	5.1	19
10	Efficient and convenient synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives mediated by L-proline. <i>Synthetic Communications</i> , 2016, 46, 1370-1376.	2.1	15
11	Highly efficient and metal-free synthesis of tri- and tetrasubstituted imidazole catalyzed by 3-picolinic acid. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8807-8814.	4.9	14
12	Polyamide-coated Nafion composite membranes with reduced hydrogen crossover produced via interfacial polymerization. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 1202-1216.	7.1	12
13	A Molecular Approach to Control the Morphology and Properties for the Development of Highly Conductive and Stable Anion Exchange Membranes. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3853-3853.	0.0	0