

Tao Luo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,126
citations

1039406

9
h-index

1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

1286
citing authors

#	ARTICLE	IF	CITATIONS
1	Selectivity of ion exchange membranes: A review. <i>Journal of Membrane Science</i> , 2018, 555, 429-454.	4.1	722
2	Porous poly(benzimidazole) membrane for all vanadium redox flow battery. <i>Journal of Power Sources</i> , 2016, 312, 45-54.	4.0	135
3	Ultra-High Proton/Vanadium Selectivity for Hydrophobic Polymer Membranes with Intrinsic Nanopores for Redox Flow Battery. <i>Advanced Energy Materials</i> , 2016, 6, 1600517.	10.2	123
4	Ion mobility and partition determine the counter-ion selectivity of ion exchange membranes. <i>Journal of Membrane Science</i> , 2020, 597, 117645.	4.1	49
5	Tuning the ion selectivity of porous poly(2,5-benzimidazole) membranes by phase separation for all vanadium redox flow batteries. <i>Journal of Membrane Science</i> , 2018, 556, 164-177.	4.1	34
6	On the permselectivity of di- and mono-valent cations: Influence of applied current density and ionic species concentration. <i>Desalination</i> , 2020, 488, 114521.	4.0	17
7	Combining Manning's theory and the ionic conductivity experimental approach to characterize selectivity of cation exchange membranes. <i>Journal of Membrane Science</i> , 2021, 629, 119263.	4.1	15
8	Online Optimization of Fluid Catalytic Cracking Process via a Hybrid Model Based on Simplified Structure-Oriented Lumping and Case-Based Reasoning. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 412-424.	1.8	15
9	Assessment of anion exchange membrane selectivity with ionic membrane conductivity, revised with Manning's theory or the Kohlrausch's law. <i>Journal of Membrane Science</i> , 2021, 635, 119496.	4.1	9
10	Purification of Wet-Process Phosphoric Acid via Donnan Dialysis with a Perfluorinated Sulfonic Acid Cation-Exchange Membrane. <i>Membranes</i> , 2021, 11, 298.	1.4	6
11	Determination and Correlation of the Ca ²⁺ and Mg ²⁺ Solubility in Ammonium Polyphosphate Solution from 278.2 to 323.2 K. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 276-285.	1.0	1