Fangzhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1127501/publications.pdf

Version: 2024-02-01

14	283	933447 10	1058476 14
papers	citations	h-index	g-index

14	14	14	312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pore-Scale Prediction of the oxygen effective diffusivity in porous battery electrodes using the random walk theory. International Journal of Heat and Mass Transfer, 2022, 183, 122085.	4.8	8
2	Effects of Porous Structure on Oxygen Mass Transfer in Air Cathodes of Nonaqueous Metalâ€“Air Batteries: A Mini-review. ACS Applied Energy Materials, 2022, 5, 5473-5483.	5.1	10
3	Predicting thermal and mechanical performance of stochastic and architected foams. International Journal of Heat and Mass Transfer, 2021, 171, 121139.	4.8	18
4	A Modeling Study of Discharging Li-O2 Batteries With Various Electrolyte Concentrations. Journal of Electrochemical Energy Conversion and Storage, 2021, 18, .	2.1	3
5	Review and Recent Advances in Mass Transfer in Positive Electrodes of Aprotic Liâ€“O₂ Batteries. ACS Applied Energy Materials, 2020, 3, 2258-2270.	5.1	26
6	Key factors in the volatile organic compounds treatment by regenerative thermal oxidizer. Journal of the Air and Waste Management Association, 2020, 70, 557-567.	1.9	10
7	Experimental Studies of Carbon Electrodes With Various Surface Area for Liâ€“O2 Batteries. Journal of Electrochemical Energy Conversion and Storage, 2019, 16, .	2.1	7
8	Nanosheets of CuCo2O4 As a High-Performance Electrocatalyst in Urea Oxidation. Applied Sciences (Switzerland), 2019, 9, 793.	2.5	27
9	Effect of solvent for tailoring the nanomorphology of multinary CuCo2S4 for overall water splitting and energy storage. Journal of Alloys and Compounds, 2019, 784, 1-7.	5.5	62
10	Discharge Li-O2 batteries with intermittent current. Journal of Power Sources, 2018, 394, 50-56.	7.8	13
11	Pore-Scale Simulations of Porous Electrodes of Liâ€“O₂ Batteries at Different Saturation Levels. ACS Applied Materials & Interfaces, 2018, 10, 26222-26232.	8.0	30
12	Effects of the Electrode Wettability on the Deep Discharge Capacity of Liâ€“O₂ Batteries. ACS Omega, 2018, 3, 6006-6012.	3.5	27
13	Influence of the Oxygen Electrode Open Ratio and Electrolyte Evaporation on the Performance of Liâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2017, 9, 15459-15469.	8.0	29
14	Experimental Studies of Salt Concentration in Electrolyte on the Performance of Li-O₂Batteries at Various Current Densities. Journal of the Electrochemical Society, 2016, 163, A2623-A2627.	2.9	13