Rui Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

9 papers	393 citations	1307594 7 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	265 citing authors

#	Article	IF	Citations
1	Alkali-Tuning Hemin-Derived Pore-Rich Feâ€"Nâ€"C: A Remarkable and Durable Electrocatalyst Toward Oxygen Reduction in Alkaline and Acid Condition. Journal of Electrochemical Energy Conversion and Storage, 2022, 19, .	2.1	0
2	Atomically dispersed transition metal-N4 doped graphene as a Li O nucleation site in nonaqueous lithium-oxygen batteries. Electrochimica Acta, 2022, 422, 140554.	5.2	5
3	Sandwich-like multi-scale hierarchical porous carbon with a highly hydroxylated surface for flow batteries. Journal of Materials Chemistry A, 2021, 9, 2345-2356.	10.3	25
4	Phosphorus-doped graphite felt allowing stabilized electrochemical interface and hierarchical pore structure for redox flow battery. Applied Energy, 2020, 261, 114369.	10.1	69
5	Cross-dimensional model of the oxygen transport behavior in low-Pt proton exchange membrane fuel cells. Chemical Engineering Journal, 2020, 400, 125796.	12.7	53
6	Carbon electrodes improving electrochemical activity and enhancing mass and charge transports in aqueous flow battery: Status and perspective. Energy Storage Materials, 2020, 31, 230-251.	18.0	58
7	Pore-rich iron-nitrogen-doped carbon nanofoam as an efficient catalyst towards the oxygen reduction reaction. International Journal of Hydrogen Energy, 2019, 44, 26285-26295.	7.1	11
8	Twin-cocoon-derived self-standing nitrogen-oxygen-rich monolithic carbon material as the cost-effective electrode for redox flow batteries. Journal of Power Sources, 2019, 421, 139-146.	7.8	70
9	Achieving gradient-pore-oriented graphite felt for vanadium redox flow batteries: meeting improved electrochemical activity and enhanced mass transport from nano- to micro-scale. Journal of Materials Chemistry A, 2019, 7, 10962-10970.	10.3	102