

Rui Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7466031/publications.pdf>

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