

Haitao Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Three-Heat-Source Electro-Thermal Coupled Model for Fast Estimation of the Temperature Distribution of a Lithium-Ion Battery Cell. IEEE Transactions on Transportation Electrification, 2022, 8, 288-297.	7.8	13
2	A Lightweight Multichannel Direct Contact Liquid-Cooling System and Its Optimization for Lithium-Ion Batteries. IEEE Transactions on Transportation Electrification, 2022, 8, 2334-2345.	7.8	14
3	Thermal performance of a liquid-immersed battery thermal management system for lithium-ion pouch batteries. Journal of Energy Storage, 2022, 46, 103835.	8.1	52
4	A model based balancing system for battery energy storage systems. Journal of Energy Storage, 2022, 49, 104114.	8.1	4
5	Design and Optimization of a Novel Microchannel Battery Thermal Management System Based on Digital Twin. Energies, 2022, 15, 1421.	3.1	20
6	A Hybrid Self-Heating Method for Batteries Used at Low Temperature. IEEE Transactions on Industrial Informatics, 2021, 17, 4714-4723.	11.3	33
7	Experimental Study on Condensation Heat Transfer Characteristics inside an Inclined Wave-Finned Flat Tube of Direct Air-Cooling System. Journal of Thermal Science, 2021, 30, 432-440.	1.9	1
8	Cooling capacity of a novel modular liquid-cooled battery thermal management system for cylindrical lithium ion batteries. Applied Thermal Engineering, 2020, 178, 115591.	6.0	175
9	Design and performance analysis of human walking induced energy recovery system by means of hydraulic energy conversion and storage. Energy Conversion and Management, 2020, 217, 113008.	9.2	14
10	Multi-scale short circuit resistance estimation method for series connected battery strings. Energy, 2020, 202, 117647.	8.8	30
11	VACUUM CONDENSATION IN AN INCLINED FLAT TUBE: HEAT TRANSFER AND PRESSURE DROP. Heat Transfer Research, 2018, 49, 15-29.	1.6	0
12	Flow mixing and heat transfer in nuclear reactor vessel with direct vessel injection. Applied Thermal Engineering, 2017, 125, 617-632.	6.0	6