

# Haitao Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5005379/publications.pdf>

Version: 2024-02-01

12  
papers

362  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

200  
citing authors

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