

Zhiguo Tang

List of Publications by Year in descending order

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11
papers

135
citations

1937685
4
h-index

1281871
11
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11
all docs

11
docs citations

11
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the Thermal Management Performance of a Parallel Liquid Cooling Structure for Prismatic Batteries. <i>Journal of Electrochemical Energy Conversion and Storage</i> , 2022, 19, .	2.1	2
2	Numerical Analysis of Heat-Pipe-Based Battery Thermal Management System for Prismatic Lithium-Ion Batteries. <i>Journal of Thermal Science and Engineering Applications</i> , 2022, 14, .	1.5	5
3	Effect of Nitrate Concentration on the Coupling Process of Electricity Generation and Nitrate Removal in Biocathode Microbial Fuel Cells. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	1.4	2
4	Orthogonal Optimization of a Liquid Cooling Structure with Straight Microtubes and Variable Heat Conduction Blocks for Battery Module. <i>Journal of Energy Engineering - ASCE</i> , 2022, 148, .	1.9	4
5	A novel sulfur-driven autotrophic denitrification coupled with bio-cathode system for bioelectricity generation and groundwater remediation. <i>Water Science and Technology</i> , 2022, 86, 979-991.	2.5	2
6	Thermal performance of a thermal management system with a thin plate and a slender tube for prismatic batteries. <i>International Journal of Energy Research</i> , 2021, 45, 5347-5358.	4.5	12
7	Numerical analysis of temperature uniformity of a liquid cooling battery module composed of heat-conducting blocks with gradient contact surface angles. <i>Applied Thermal Engineering</i> , 2020, 178, 115509.	6.0	57
8	Numerical Analysis of Heat Transfer Mechanism of Thermal Runaway Propagation for Cylindrical Lithium-ion Cells in Battery Module. <i>Energies</i> , 2020, 13, 1010.	3.1	15
9	Numerical Analysis of Temperature Uniformity of Liquid Cooling Based Battery Module With Incremental Heat Transfer Area. <i>Journal of Thermal Science and Engineering Applications</i> , 2020, 12, .	1.5	5
10	Liquid Impingement Flow and Heat Transfer of a Cone Heat Sink With Filet Profiles. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2020, 142, .	1.5	1
11	Thermal Management of a Cylindrical Lithium-Ion Battery Module Using a Multichannel Wavy Tube. <i>Journal of Energy Engineering - ASCE</i> , 2019, 145, .	1.9	30