

Yanqi Zhao

List of Publications by Year in descending order

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13
papers

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citations

933447

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docs citations

13
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryogenic thermoelectric generation using cold energy from a decoupled liquid air energy storage system for decentralised energy networks. <i>Applied Energy</i> , 2022, 305, 117749.	10.1	17
2	Cooling technologies for data centres and telecommunication base stations – A comprehensive review. <i>Journal of Cleaner Production</i> , 2022, 334, 130280.	9.3	34
3	A review on the fabrication methods for structurally stabilised composite phase change materials and their impacts on the properties of materials. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 159, 112134.	16.4	36
4	A comprehensive review of composite phase change material based thermal management system for lithium-ion batteries. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 167, 112667.	16.4	55
5	Performance of a liquid cooling-based battery thermal management system with a composite phase change material. <i>International Journal of Energy Research</i> , 2020, 44, 4727-4742.	4.5	62
6	Expanded graphite – Paraffin composite phase change materials: Effect of particle size on the composite structure and properties. <i>Applied Thermal Engineering</i> , 2020, 171, 115015.	6.0	93
7	Hierarchical macro-nanoporous metals for leakage-free high-thermal conductivity shape-stabilized phase change materials. <i>Applied Energy</i> , 2020, 269, 115088.	10.1	52
8	A novel high temperature electrical storage heater using an inorganic salt based composite phase change material. <i>Energy Storage</i> , 2019, 1, e88.	4.3	7
9	Composite phase change materials for thermal energy storage: From molecular modelling based formulation to innovative manufacture. <i>Energy Procedia</i> , 2019, 158, 4510-4516.	1.8	3
10	Active cooling based battery thermal management using composite phase change materials. <i>Energy Procedia</i> , 2019, 158, 4933-4940.	1.8	66
11	Effects of MgO particle size and density on microstructure development of MgO based composite phase change materials. <i>Energy Procedia</i> , 2019, 158, 4517-4522.	1.8	5
12	Experimental study of charging a compact PCM energy storage device for transport application with dynamic exergy analysis. <i>Energy Conversion and Management</i> , 2019, 196, 536-544.	9.2	22
13	MgO based composite phase change materials for thermal energy storage: The effects of MgO particle density and size on microstructural characteristics as well as thermophysical and mechanical properties. <i>Applied Energy</i> , 2019, 250, 81-91.	10.1	51