

Yanqi Zhao

List of Publications by Year in descending order

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13
papers

503
citations

933447

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docs citations

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302
citing authors

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