

Yantong Li

List of Publications by Year in descending order

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14
papers

525
citations

758635

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14
all docs

14
docs citations

14
times ranked

417
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of thermal management system for Li-ion batteries using phase change material. Applied Thermal Engineering, 2018, 131, 766-778.	3.0	94
2	Optimal design of PCM thermal storage tank and its application for winter available open-air swimming pool. Applied Energy, 2018, 209, 224-235.	5.1	60
3	Building heating applications with phase change material: A comprehensive review. Journal of Energy Storage, 2020, 31, 101634.	3.9	60
4	A multi-stage optimization of pedestrian level wind environment and thermal comfort with lift-up design in ideal urban canyons. Sustainable Cities and Society, 2019, 46, 101424.	5.1	57
5	Investigation on the energy performance of using air-source heat pump to charge PCM storage tank. Journal of Energy Storage, 2020, 28, 101270.	3.9	45
6	Techno-economic optimization of open-air swimming pool heating system with PCM storage tank for winter applications. Renewable Energy, 2020, 150, 878-890.	4.3	36
7	Application of a multi-variable optimization method to determine lift-up design for optimum wind comfort. Building and Environment, 2018, 131, 242-254.	3.0	35
8	Feasibility study of a PCM storage tank integrated heating system for outdoor swimming pools during the winter season. Applied Thermal Engineering, 2018, 134, 490-500.	3.0	33
9	Dynamic simulation and parametric study of solar water heating system with phase change materials in different climate zones. Solar Energy, 2020, 205, 399-408.	2.9	33
10	An ANN-based optimization approach of building energy systems: Case study of swimming pool. Journal of Cleaner Production, 2020, 277, 124029.	4.6	24
11	A multi-objective optimal design method for thermal energy storage systems with PCM: A case study for outdoor swimming pool heating application. Journal of Energy Storage, 2020, 29, 101371.	3.9	20
12	A study on the integration of air-source heat pumps, solar collectors, and PCM tanks for outdoor swimming pools for winter application in subtropical climates. Journal of Building Performance Simulation, 2020, 13, 662-683.	1.0	15
13	Swimming pool heating technology: A state-of-the-art review. Building Simulation, 2021, 14, 421-440.	3.0	13
14	Study of a water-source CO2 heat pump for residential use: experimental discharge pressure control and performance analysis. E3S Web of Conferences, 2021, 246, 06010.	0.2	0