

Zhanying Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

150
citations

1307594

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1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on independent and integrated/coupled two-phase loop thermosyphons. <i>Applied Energy</i> , 2020, 280, 115885.	10.1	46
2	Flow and Particle Modelling of Dry Powder Inhalers: Methodologies, Recent Development and Emerging Applications. <i>Pharmaceutics</i> , 2021, 13, 189.	4.5	19
3	Parallel and in-series arrangements of zeotropic dual-pressure Organic Rankine Cycle (ORC) for low-grade waste heat recovery. <i>Energy Reports</i> , 2022, 8, 2630-2645.	5.1	18
4	Performance investigation and enhancement of membrane-contactor microchannel absorber towards compact absorption cooling. <i>International Journal of Heat and Mass Transfer</i> , 2021, 169, 120978.	4.8	15
5	Performance characteristics of variable conductance loop thermosyphon for energy-efficient building thermal control. <i>Applied Energy</i> , 2020, 275, 115337.	10.1	13
6	Cascade heat utilisation via integrated organic Rankine cycle and compressor-assisted absorption heat pump system. <i>Energy Conversion and Management</i> , 2021, 249, 114850.	9.2	10
7	Preparation of Drug-Loaded Liposomes with Multi-Inlet Vortex Mixers. <i>Pharmaceutics</i> , 2022, 14, 1223.	4.5	10
8	Thermodynamic and feasibility analysis of air conditioning waste heat recovery via power generation cycles. <i>Energy Reports</i> , 2020, 6, 3472-3490.	5.1	9
9	Topology of flow and heat transfer from prisms in square array. <i>International Journal of Mechanical Sciences</i> , 2022, 220, 107163.	6.7	7
10	Exploring low-grade heat in exhaust gases with moisture via power generation cycles. <i>Journal of Cleaner Production</i> , 2022, 357, 131892.	9.3	2
11	Chillers of air-conditioning systems: An overview. <i>HKIE Transactions</i> , 2020, 27, 113-127.	0.1	1