Zhanying Zheng

List of Publications by Year
in descending order

11 papers	150 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	84 citing authors

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