

Ji Wang

List of Publications by Year in descending order

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8
papers

79
citations

1684188
5
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

28
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of analytical studies of melting rate enhancement with fin and/or foam inserts. Applied Thermal Engineering, 2022, 207, 118154.	6.0	26
2	A comprehensive study on a novel transcritical CO2 heat pump for simultaneous space heating and cooling “ Concepts and initial performance. Energy Conversion and Management, 2021, 243, 114397.	9.2	18
3	Simulation of accumulated performance of a solar thermal powered adsorption refrigeration system with daily climate conditions. Energy, 2018, 165, 487-498.	8.8	10
4	An optimisation study on a real-world transcritical CO2 heat pump system with a flash gas bypass. Energy Conversion and Management, 2022, 251, 114995.	9.2	9
5	Investigation on the long-term performance of solar thermal powered adsorption refrigeration system based on hourly accumulated daily cycles. Heat and Mass Transfer, 2021, 57, 361-375.	2.1	6
6	The applicability of volume-averaging method to simulate melting in a multi-scaled periodic structure. Energy, 2022, 248, 123636.	8.8	5
7	Periodic structures for melting enhancement: observation of critical cell size and localized melting. International Journal of Heat and Mass Transfer, 2022, 195, 123107.	4.8	4
8	Investigating the effect of interstage pressure on cooling performance of a real-world CO2 heat pump system. IOP Conference Series: Earth and Environmental Science, 2022, 983, 012077.	0.3	1