

Ji Wang

List of Publications by Year in descending order

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Version: 2024-02-01

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