Yuping Gao

List of Publications by Year
in descending order

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17	215	1163117 8	996975 15
papers	citations	h-index	g-index

17	17	17	171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental investigation on two-phase flow pattern of ammonia inside 4 mm and 8 mm horizontal smooth tubes. International Journal of Refrigeration, 2021, 130, 253-260.	3.4	2
2	Effect of miscible oil on flow boiling heat transfer characteristic of ammonia in a 4â€¯mm small tube. International Journal of Heat and Mass Transfer, 2020, 147, 118978.	4.8	1
3	Comparison of flow boiling pressure drop and heat transfer of R134a with low GWP alternative R1234ze(E) in a dimpled flat duct. International Journal of Refrigeration, 2020, 119, 165-174.	3.4	4
4	Pressure drop and heat transfer of flow boiling R134a in a dimpled flat duct. International Journal of Heat and Mass Transfer, 2020, 151, 119398.	4.8	3
5	Heat transfer and pressure drop characteristics of ammonia/miscible oil mixture during flow boiling in an 8â€¯mm horizontal smooth tube. International Journal of Thermal Sciences, 2019, 138, 341-350.	4.9	14
6	Two-phase pressure drop of ammonia in horizontal small diameter tubes: Experiments and correlation. International Journal of Refrigeration, 2019, 98, 283-293.	3.4	4
7	The effect of heating power distribution on the startup time and overshoot of a loop thermosyphon with dual evaporators. Applied Thermal Engineering, 2018, 132, 554-559.	6.0	21
8	The transient response, oscillation and internal flow of a loop thermosyphon with dual evaporators. International Journal of Refrigeration, 2018, 88, 451-457.	3.4	21
9	Development of an unsteady analytical model for predicting infiltration flow rate through the doorway of refrigerated rooms. Applied Thermal Engineering, 2018, 129, 179-186.	6.0	11
10	Measuring the transient airflow rates of the infiltration through the doorway of the cold store by using a local air velocity linear fitting method. Applied Energy, 2018, 227, 480-487.	10.1	11
11	Heat transfer and pressure drop characteristics of ammonia during flow boiling inside a horizontal small diameter tube. International Journal of Heat and Mass Transfer, 2018, 127, 981-996.	4.8	21
12	Numerical investigation on the buoyancy-driven infiltration airflow through the opening of the cold store. Applied Thermal Engineering, 2017, 121, 701-711.	6.0	7
13	A Local Air Velocity Measurement Method for Estimating Infiltration Heat Load through Doorway of the Cold Store. Energy Procedia, 2017, 105, 3275-3281.	1.8	4
14	An experimental investigation of the single-sided infiltration through doorways of the cold store. International Journal of Refrigeration, 2017, 73, 175-182.	3.4	8
15	Energy consumption analysis of the forced-air cooling process with alternating ventilation mode for fresh horticultural produce. Energy Procedia, 2017, 142, 2642-2647.	1.8	7
16	Numerical investigation on onset of significant void during water subcooled flow boiling. Applied Thermal Engineering, 2016, 105, 8-17.	6.0	23
17	A fully floating system for a wave energy converter with direct-driven linear generator. Energy, 2016, 95, 99-109.	8.8	53