

Yuping Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5709695/publications.pdf>

Version: 2024-02-01

17
papers

215
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

171
citing authors

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