

Lingnan Lin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

468
citations

759055

12
h-index

940416

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17
all docs

17
docs citations

17
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	A general model for flow boiling heat transfer in microfin tubes based on a new neural network architecture. <i>Energy and AI</i> , 2022, 8, 100151.	5.8	9
2	Density and viscosity of a polyol ester lubricant: Measurement and molecular dynamics simulation. <i>International Journal of Refrigeration</i> , 2020, 118, 188-201.	1.8	38
3	Oral pH sensitive GNS@ab nanoprobe for targeted therapy of <i>Helicobacter pylori</i> without disturbance gut microbiome. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 20, 102019.	1.7	36
4	Resuspension of deposited nanoparticles during pool boiling. <i>International Journal of Heat and Mass Transfer</i> , 2019, 130, 230-239.	2.5	19
5	Review of low-GWP refrigerant pool boiling heat transfer on enhanced surfaces. <i>International Journal of Heat and Mass Transfer</i> , 2019, 131, 1279-1303.	2.5	42
6	Model for predicting particle size evolution during nanoparticle aggregation in refrigerant-oil mixture. <i>International Journal of Heat and Mass Transfer</i> , 2018, 119, 91-104.	2.5	10
7	Specific heat of aluminum-oxide nanolubricants. <i>International Journal of Heat and Mass Transfer</i> , 2018, 126, 1168-1176.	2.5	16
8	Experimental research on degradation of nanolubricant-refrigerant mixture during continuous alternation processes of condensation and evaporation. <i>International Journal of Refrigeration</i> , 2017, 76, 97-108.	1.8	22
9	Influence of fluorinated self-assembled monolayer on wetting dynamics during evaporation of refrigerant-oil mixture on metal surface. <i>International Journal of Refrigeration</i> , 2017, 79, 76-88.	1.8	4
10	Experimental investigation on TiO ₂ nanoparticle migration from refrigerant-oil mixture to lubricating oil during refrigerant dryout. <i>International Journal of Refrigeration</i> , 2017, 77, 75-86.	1.8	15
11	Tumor-triggered drug release from calcium carbonate-encapsulated gold nanostars for near-infrared photodynamic/photothermal combination antitumor therapy. <i>Theranostics</i> , 2017, 7, 1650-1662.	4.6	96
12	Experimental research on wetting behavior of refrigerant-oil mixture on micro/nanostructured surface. <i>International Journal of Refrigeration</i> , 2016, 62, 207-221.	1.8	6
13	Experimental research on particle aggregation behavior in nanorefrigerant-oil mixture. <i>Applied Thermal Engineering</i> , 2016, 98, 944-953.	3.0	27
14	Influence of oil concentration on wetting behavior during evaporation of refrigerant-oil mixture on copper surface. <i>International Journal of Refrigeration</i> , 2016, 61, 23-36.	1.8	18
15	Influences of primary particle parameters and surfactant on aggregation behavior of nanoparticles in nanorefrigerant. <i>Energy</i> , 2015, 89, 410-420.	4.5	43
16	Dispersion stability of multi-walled carbon nanotubes in refrigerant with addition of surfactant. <i>Applied Thermal Engineering</i> , 2015, 91, 163-171.	3.0	67