

Jeongmin Lee

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

125
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and computational investigation on two-phase flow and heat transfer of highly subcooled flow boiling in vertical upflow. <i>International Journal of Heat and Mass Transfer</i> , 2019, 136, 1199-1216.	4.8	50
2	3-D computational investigation and experimental validation of effect of shear-lift on two-phase flow and heat transfer characteristics of highly subcooled flow boiling in vertical upflow. <i>International Journal of Heat and Mass Transfer</i> , 2020, 150, 119291.	4.8	28
3	Experimental and computational investigation of flow boiling in microgravity. <i>International Journal of Heat and Mass Transfer</i> , 2022, 183, 122237.	4.8	17
4	Computational prediction of key heat transfer mechanisms and hydrodynamic characteristics of critical heat flux (CHF) in subcooled vertical upflow boiling. <i>International Journal of Heat and Mass Transfer</i> , 2020, 161, 120262.	4.8	11
5	Three-dimensional turbulent flow and heat transfer characteristics of longitudinal vortices embedded in turbulent boundary layer in bent channels. <i>International Journal of Heat and Mass Transfer</i> , 2018, 117, 958-965.	4.8	9
6	Characteristics of heat transfer and chemical reaction of methane-steam reforming in a porous catalytic medium. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 473-481.	1.5	8
7	Effect of spanwise pressure gradient on flow and heat transfer characteristics of longitudinal vortices embedded in a turbulent boundary layer. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 867-875.	1.5	2
8	Numerical Study on Effective Thermal Conductivity of Radial Nanowire Heterostructures with MWCNT Core. <i>Materials Transactions</i> , 2014, 55, 1770-1776.	1.2	0