

Seongchul Jun

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

567
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of surface roughness on pool boiling heat transfer at a heated surface having moderate wettability. International Journal of Heat and Mass Transfer, 2016, 101, 992-1002.	4.8	175
2	Effect of surface roughness on pool boiling heat transfer of water on hydrophobic surfaces. International Journal of Heat and Mass Transfer, 2018, 118, 802-811.	4.8	94
3	Enhancement of Pool Boiling Heat Transfer in Water Using Sintered Copper Microporous Coatings. Nuclear Engineering and Technology, 2016, 48, 932-940.	2.3	93
4	Effect of Surface Roughness on Pool Boiling Heat Transfer of Water on a Superhydrophilic Aluminum Surface. Journal of Heat Transfer, 2017, 139, .	2.1	72
5	Effect of heater orientation on pool boiling heat transfer from sintered copper microporous coating in saturated water. International Journal of Heat and Mass Transfer, 2016, 103, 277-284.	4.8	62
6	Pool Boiling Heat Transfer Enhancement of Water Using Brazed Copper Microporous Coatings. Journal of Heat Transfer, 2016, 138, .	2.1	32
7	Effect of Subcooling on Pool Boiling of Water from Sintered Copper Microporous Coating at Different Orientations. Science and Technology of Nuclear Installations, 2018, 2018, 1-9.	0.8	11
8	Pool boiling heat transfer of a copper microporous coating in borated water. Nuclear Engineering and Technology, 2020, 52, 1939-1944.	2.3	8
9	Evaporative Cooling Heat Transfer of Water From Hierarchically Porous Aluminum Coating. Heat Transfer Engineering, 2018, 39, 410-421.	1.9	7
10	Flow boiling heat transfer from downward-facing thick heater block in an inclined channel with plain and microporous coated surfaces. International Journal of Heat and Mass Transfer, 2019, 129, 1010-1022.	4.8	7
11	Effect of Surface Roughness on Pool Boiling Heat Transfer of Water on a Superhydrophilic Aluminum Surface. , 2016, , .		4
12	Effect of Wettability on Pool Boiling Incipience in Saturated Water. Journal of Heat Transfer, 2016, 138, .	2.1	2
13	Nucleate Boiling Comparison between Teflon-Coated Plain Copper and Cu-HTCMC in Water. Journal of Heat Transfer, 2018, 140, .	2.1	0