

Hao Wang

List of Publications by Year in descending order

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9
papers

126
citations

1684188
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1872680
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9
all docs

9
docs citations

9
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryogenic spray quenching of simulated propellant tank wall using coating and flow pulsing in microgravity. Npj Microgravity, 2022, 8, 7.	3.7	2
2	An Experimental Study on Cryogenic Spray Quenching of a Circular Metal Disk II—Chilldown Efficiency and Effects of Coating and Flow Pulsing. Journal of Heat Transfer, 2022, 144, .	2.1	0
3	An advance in transfer line chilldown heat transfer of cryogenic propellants in microgravity using microfilm coating for enabling deep space exploration. Npj Microgravity, 2021, 7, 21.	3.7	13
4	An Experimental Study On Cryogenic Spray Quenching of a Circular Metal Disk I. Effects of Mass Flux, Spray Fluid Inlet Subcooling, and Gravity. Journal of Heat Transfer, 2021, , .	2.1	0
5	Heat transfer enhancement in cryogenic quenching process. International Journal of Thermal Sciences, 2020, 147, 106117.	4.9	33
6	Enhancement of convective quenching heat transfer by coated tubes and intermittent cryogenic pulse flows. International Journal of Heat and Mass Transfer, 2019, 141, 256-264.	4.8	23
7	Evaluation Analysis of Correlations of Flow Boiling Heat Transfer Coefficients Applied to Ammonia. Heat Transfer Engineering, 2016, 37, 32-44.	1.9	13
8	Heat transfer correlation for saturated flow boiling of water. Applied Thermal Engineering, 2015, 76, 147-156.	6.0	39
9	Review of Correlations of Flow Boiling Heat Transfer Coefficients for Nitrogen. , 2014, , .		3