

# Hardik Kothadia

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

239  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local heat transfer coefficient in helical coils with single phase flow. International Journal of Heat and Mass Transfer, 2015, 89, 522-538.	4.8	109
2	Heat transfer distribution in helical coil flow boiling system. International Journal of Heat and Mass Transfer, 2018, 117, 710-728.	4.8	31
3	Experimental and numerical studies of choked flow through adiabatic and diabatic capillary tubes. Applied Thermal Engineering, 2015, 90, 879-894.	6.0	29
4	Critical heat flux in helical coils at low pressure. Applied Thermal Engineering, 2017, 112, 1223-1239.	6.0	22
5	Boiling pressure drop, local heat transfer distribution and critical heat flux in horizontal straight tubes. International Journal of Heat and Mass Transfer, 2017, 113, 466-481.	4.8	18
6	Experimental correlation for critical heat flux in helical coils. Nuclear Engineering and Design, 2020, 368, 110759.	1.7	14
7	Bubble behaviour and Critical heat flux on circular tubes during pool boiling process. Nuclear Engineering and Design, 2022, 391, 111741.	1.7	6
8	Performance analysis of melting phenomena in an ice-freezing type direct-contact heat exchanger. Journal of Energy Storage, 2022, 50, 104575.	8.1	5
9	Effect of Strip Orientations and Geometry on the Critical Heat Flux in Pool Boiling. Lecture Notes in Mechanical Engineering, 2021, , 293-303.	0.4	3
10	Experimental study on effect of system pressure on two-phase flow pressure drop at sub-atmospheric conditions. Materials Today: Proceedings, 2020, 28, 2268-2274.	1.8	2