

# Arnab Dasgupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10605582/publications.pdf>

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8  
papers

84  
citations

1684188

5  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD model development for two-phase flows. , 2019, , 239-335.		0
2	Exploring the Use of Alumina Nanofluid as Emergency Coolant for Nuclear Fuel Bundle. Journal of Thermal Science and Engineering Applications, 2019, 11, .	1.5	9
3	Demonstration of adequacy of passive in-bundle ECC injection of AHWR. Annals of Nuclear Energy, 2017, 102, 11-22.	1.8	7
4	Experimental investigation on dominant waves in upward air-water two-phase flow in churn and annular regime. Experimental Thermal and Fluid Science, 2017, 81, 147-163.	2.7	48
5	Quenching of a Heated Rod: Physical Phenomena, Heat Transfer, and Effect of Nanofluids. Journal of Heat Transfer, 2016, 138, .	2.1	6
6	Prediction of Vapor Film Thickness Below a Leidenfrost Drop. Journal of Heat Transfer, 2015, 137, .	2.1	5
7	SCADOP: Phenomenological modeling of dryout in nuclear fuel rod bundles. Nuclear Engineering and Design, 2015, 293, 127-137.	1.7	8
8	Experimental investigation of dryout phenomena under oscillatory flow conditions. Heat Transfer, 0, , .	3.0	1