

Abdul Najim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

97
citations

1684188
5
h-index

1588992
8
g-index

11
all docs

11
docs citations

11
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	A similarity solution for heat transfer analysis during progressive freeze-concentration based desalination. <i>International Journal of Thermal Sciences</i> , 2022, 172, 107328.	4.9	11
2	Experimental and theoretical investigation of a novel system for progressive freeze-concentration based desalination process. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 173, 108821.	3.6	10
3	A review of advances in freeze desalination and future prospects. <i>Npj Clean Water</i> , 2022, 5, .	8.0	25
4	Pool Boiling Heat Transfer Augmentation in a Novel Aqueous Binary Mixture of Surfactants. <i>Journal of Heat Transfer</i> , 2021, 143, .	2.1	5
5	Discussion on B. Kalista, H. Shin, J. Cho, A. Jang, Current development and future prospect review of freeze desalination, <i>Desalination</i> , 447(2018), 167-181 and A. Eghtesad, M. Salakhi, H. Afshin, S. Hannani, Numerical investigation and optimization of indirect freeze desalination, <i>Desalination</i> , 481(2020), 114378-114958, <i>Desalination</i> , 2021, 504, 114958.	8.2	2
6	Heat transfer during diffusion-controlled unidirectional solidification of binary mixtures: effect of material advection. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.	1.3	0
7	Enhancement of pool boiling heat transfer using innovative non-ionic surfactant on a wire heater. <i>Experimental Thermal and Fluid Science</i> , 2017, 82, 375-380.	2.7	21
8	Effect of Uniformly and Nonuniformly Coated Al ₂ O ₃ Nanoparticles over Glass Tube Heater on Pool Boiling. <i>Journal of Nanoparticles</i> , 2016, 2016, 1-6.	1.4	2
9	Boiling heat transfer enhancement with surfactant on the tip of a submerged hypodermic needle as nucleation site. <i>Applied Thermal Engineering</i> , 2016, 103, 989-995.	6.0	13
10	Experimental study of bubble dynamics in pool boiling heat transfer using saturated water and surfactant solution. , 2014, , .		5
11	Experimental Study of Effect of Nucleation Site Size on Bubble Dynamics during Nucleate Pool Boiling Heat Transfer. <i>Applied Mechanics and Materials</i> , 0, 592-594, 1596-1600.	0.2	3