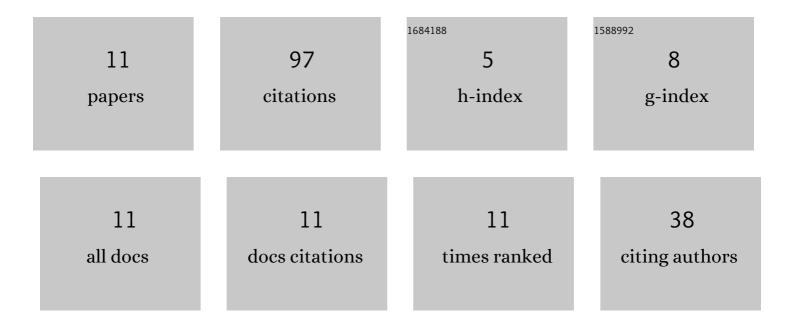
## Abdul Najim

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7189547/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A similarity solution for heat transfer analysis during progressive freeze-concentration based desalination. International Journal of Thermal Sciences, 2022, 172, 107328.	4.9	11
2	Experimental and theoretical investigation of a novel system for progressive freeze-concentration based desalination process. Chemical Engineering and Processing: Process Intensification, 2022, 173, 108821.	3.6	10
3	A review of advances in freeze desalination and future prospects. Npj Clean Water, 2022, 5, .	8.0	25
4	Pool Boiling Heat Transfer Augmentation in a Novel Aqueous Binary Mixture of Surfactants. Journal of Heat Transfer, 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, Desalination, 447(2018), 167–181―and "A. Eghtesad, M. Salakhi, H. Afshin, S. Hannan Numerical investigation and optimization of indirect freeze desalination, Desalination, 481(2020), 114378― Desalination. 2021. 504. 114958.	<sup>i</sup> ,8.2	2
6	Heat transfer during diffusion-controlled unidirectional solidification of binary mixtures: effect of material advection. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	1.3	0
7	Enhancement of pool boiling heat transfer using innovative non-ionic surfactant on a wire heater. Experimental Thermal and Fluid Science, 2017, 82, 375-380.	2.7	21
8	Effect of Uniformly and Nonuniformly Coated Al2O3 Nanoparticles over Glass Tube Heater on Pool Boiling. Journal of Nanoparticles, 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. Applied Thermal Engineering, 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. Applied Mechanics and Materials, 0, 592-594, 1596-1600.	0.2	3