

# Abdul Najim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7189547/publications.pdf>

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 review of advances in freeze desalination and future prospects. Npj Clean Water, 2022, 5, .	8.0	25
2	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
3	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
4	A similarity solution for heat transfer analysis during progressive freeze-concentration based desalination. International Journal of Thermal Sciences, 2022, 172, 107328.	4.9	11
5	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
6	Experimental study of bubble dynamics in pool boiling heat transfer using saturated water and surfactant solution. , 2014, , .		5
7	Pool Boiling Heat Transfer Augmentation in a Novel Aqueous Binary Mixture of Surfactants. Journal of Heat Transfer, 2021, 143, .	2.1	5
8	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
9	Effect of Uniformly and Nonuniformly Coated Al <sub>2</sub> O <sub>3</sub> Nanoparticles over Glass Tube Heater on Pool Boiling. Journal of Nanoparticles, 2016, 2016, 1-6.	1.4	2
10	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. Hannani, Numerical investigation and optimization of indirect freeze desalination, Desalination, 481(2020), 114378-114378. Desalination, 2021, 504, 114958.	8.2	2
11	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