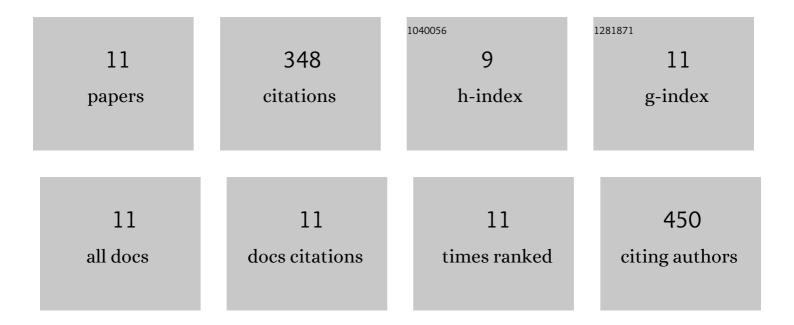
## Masoud Bozorg Bigdeli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7291778/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Making Photonic Crystals via Evaporation of Nanoparticle-Laden Droplets on Superhydrophobic Microstructures. Langmuir, 2020, 36, 4835-4841.	3.5	16
2	Heat Transfer at the Interface of Graphene Nanoribbons with Different Relative Orientations and Gaps. Energies, 2019, 12, 796.	3.1	10
3	How Surfactants Affect Droplet Wetting on Hydrophobic Microstructures. Journal of Physical Chemistry Letters, 2019, 10, 7510-7515.	4.6	17
4	Bottom up Approach Toward Prediction of Effective Thermophysical Properties of Carbon-Based Nanofluids. Heat Transfer Engineering, 2018, 39, 1686-1697.	1.9	9
5	Effect of interfacial thermal resistance and nanolayer on estimates of effective thermal conductivity of nanofluids. Case Studies in Thermal Engineering, 2018, 12, 454-461.	5.7	25
6	Thermal transmittance in graphene based networks for polymer matrix composites. International Journal of Thermal Sciences, 2017, 117, 98-105.	4.9	26
7	Universal wetting transition of an evaporating water droplet on hydrophobic micro- and nano-structures. Soft Matter, 2017, 13, 978-984.	2.7	47
8	Thermal transport phenomena in nanoparticle suspensions. Journal of Physics Condensed Matter, 2016, 28, 483003.	1.8	55
9	A review on the heat and mass transfer phenomena in nanofluid coolants with special focus on automotive applications. Renewable and Sustainable Energy Reviews, 2016, 60, 1615-1633.	16.4	104
10	Spaceship Earth. Space-driven technologies and systems for sustainability on ground. Acta Astronautica, 2015, 115, 195-205.	3.2	4
11	Thermal transmittance of carbon nanotube networks: Guidelines for novel thermal storage systems and polymeric material of thermal interest. Renewable and Sustainable Energy Reviews, 2015, 41, 1028-1036.	16.4	35