

# Masoud Bozorg Bigdeli

List of Publications by Year  
in descending order

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11  
papers

348  
citations

1040056

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1281871

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all docs

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docs citations

11  
times ranked

450  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Thermal transport phenomena in nanoparticle suspensions. Journal of Physics Condensed Matter, 2016, 28, 483003.	1.8	55
3	Universal wetting transition of an evaporating water droplet on hydrophobic micro- and nano-structures. Soft Matter, 2017, 13, 978-984.	2.7	47
4	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
5	Thermal transmittance in graphene based networks for polymer matrix composites. International Journal of Thermal Sciences, 2017, 117, 98-105.	4.9	26
6	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
7	How Surfactants Affect Droplet Wetting on Hydrophobic Microstructures. Journal of Physical Chemistry Letters, 2019, 10, 7510-7515.	4.6	17
8	Making Photonic Crystals via Evaporation of Nanoparticle-Laden Droplets on Superhydrophobic Microstructures. Langmuir, 2020, 36, 4835-4841.	3.5	16
9	Heat Transfer at the Interface of Graphene Nanoribbons with Different Relative Orientations and Gaps. Energies, 2019, 12, 796.	3.1	10
10	Bottom up Approach Toward Prediction of Effective Thermophysical Properties of Carbon-Based Nanofluids. Heat Transfer Engineering, 2018, 39, 1686-1697.	1.9	9
11	Spaceship Earth. Space-driven technologies and systems for sustainability on ground. Acta Astronautica, 2015, 115, 195-205.	3.2	4