

# Masoud Bozorg Bigdeli

## List of Publications by Year in descending order

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11  
papers

348  
citations

1039406

9  
h-index

1281420

11  
g-index

11  
all docs

11  
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. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 60, 1615-1633.	8.2	104
2	Thermal transport phenomena in nanoparticle suspensions. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 483003.	0.7	55
3	Universal wetting transition of an evaporating water droplet on hydrophobic micro- and nano-structures. <i>Soft Matter</i> , 2017, 13, 978-984.	1.2	47
4	Thermal transmittance of carbon nanotube networks: Guidelines for novel thermal storage systems and polymeric material of thermal interest. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 41, 1028-1036.	8.2	35
5	Thermal transmittance in graphene based networks for polymer matrix composites. <i>International Journal of Thermal Sciences</i> , 2017, 117, 98-105.	2.6	26
6	Effect of interfacial thermal resistance and nanolayer on estimates of effective thermal conductivity of nanofluids. <i>Case Studies in Thermal Engineering</i> , 2018, 12, 454-461.	2.8	25
7	How Surfactants Affect Droplet Wetting on Hydrophobic Microstructures. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7510-7515.	2.1	17
8	Making Photonic Crystals via Evaporation of Nanoparticle-Laden Droplets on Superhydrophobic Microstructures. <i>Langmuir</i> , 2020, 36, 4835-4841.	1.6	16
9	Heat Transfer at the Interface of Graphene Nanoribbons with Different Relative Orientations and Gaps. <i>Energies</i> , 2019, 12, 796.	1.6	10
10	Bottom up Approach Toward Prediction of Effective Thermophysical Properties of Carbon-Based Nanofluids. <i>Heat Transfer Engineering</i> , 2018, 39, 1686-1697.	1.2	9
11	Spaceship Earth. Space-driven technologies and systems for sustainability on ground. <i>Acta Astronautica</i> , 2015, 115, 195-205.	1.7	4