

Amir Mirza Gheitaghy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Recent Advances in the Critical Heat Flux Amelioration of Pool Boiling Surfaces Using Metal Oxide Nanoparticle Deposition. <i>Energies</i> , 2020, 13, 4026.	3.1	21
2	Investigation of Forced Convection Enhancement and Entropy Generation of Nanofluid Flow through a Corrugated Minichannel Filled with a Porous Media. <i>Entropy</i> , 2020, 22, 1008.	2.2	14
3	Infrared absorbance of vertically-aligned multi-walled CNT forest as a function of synthesis temperature and time. <i>Materials Research Bulletin</i> , 2020, 126, 110821.	5.2	11
4	Vertically-Aligned Multi-Walled Carbon Nano Tube Pillars with Various Diameters under Compression: Pristine and NbTiN Coated. <i>Nanomaterials</i> , 2020, 10, 1189.	4.1	4
5	Effect of Nanostructured Microporous Surfaces on Pool Boiling Augmentation. <i>Heat Transfer Engineering</i> , 2019, 40, 762-771.	1.9	28
6	Thermal Management on IGBT Power Electronic Devices and Modules. <i>IEEE Access</i> , 2018, 6, 12868-12884.	4.2	181
7	Modeling of two-dimensional hyperbolic heat conduction in silicon-on-insulator transistor by equivalent RLC network. , 2018, , .		0
8	PREDICTION OF NUCLEATE POOL BOILING ON HYDROPHILIC SURFACES BY CONSIDERING THE DYNAMIC CONTACT ANGLE EFFECT ON ISOLATED BUBBLE. <i>Heat Transfer Research</i> , 2018, 49, 423-435.	1.6	2
9	Effect of silver nanoparticle deposition in re-entrant inclined minichannel on bubble dynamics for pool boiling enhancement. <i>Experimental Thermal and Fluid Science</i> , 2017, 82, 390-401.	2.7	34
10	Surface structuring with inclined minichannels for pool boiling improvement. <i>Applied Thermal Engineering</i> , 2017, 126, 892-902.	6.0	69
11	Investigation pool boiling heat transfer in U-shaped mesochannel with electrodeposited porous coating. <i>Experimental Thermal and Fluid Science</i> , 2016, 76, 87-97.	2.7	56
12	Thermally induced oxidative growth of copper oxide nanowire on dendritic micropowder and reductive conversion to copper nanowire. <i>Micro and Nano Letters</i> , 2016, 11, 412-415.	1.3	0
13	Hybrid Water-Based Suspension of Al ₂ O ₃ and Cu Nanoparticles on Laminar Convection Effectiveness. <i>Journal of Thermophysics and Heat Transfer</i> , 2016, 30, 523-532.	1.6	62