

Amir Mirza Gheitaghy

List of Publications by Year in descending order

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papers

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1163117

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13
docs citations

13
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459
citing authors

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