

Bartosz Zajackowski

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

311
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing performance of a three-bed adsorption chiller using new cycle time allocation and mass recovery. <i>Applied Thermal Engineering</i> , 2016, 100, 744-752.	6.0	34
2	Influence of graphene oxide nanofluids and surfactant on thermal behaviour of the thermosyphon. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 843-855.	3.6	30
3	Evaluation of the impact of the thermal shunt effect on the U-pipe ground borehole heat exchanger performance. <i>Geothermics</i> , 2017, 65, 244-254.	3.4	28
4	Experimental verification of heat transfer coefficient for nucleate boiling at sub-atmospheric pressure and small heat fluxes. <i>Heat and Mass Transfer</i> , 2016, 52, 205-215.	2.1	25
5	Review on flow boiling of refrigerants R236fa and R245fa in mini and micro channels. <i>International Journal of Heat and Mass Transfer</i> , 2018, 126, 591-617.	4.8	23
6	The effect of boiling in a thermosyphon on surface tension and contact angle of silica and graphene oxide nanofluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127082.	4.7	19
7	Feasibility of inline cooling in long distance HTS power line. <i>Cryogenics</i> , 2011, 51, 180-186.	1.7	17
8	New type of sorption composite for chemical heat pump and refrigeration systems. <i>Applied Thermal Engineering</i> , 2010, 30, 1455-1460.	6.0	16
9	Experimental study of low pressure pool boiling of water from narrow tunnel surfaces. <i>International Journal of Thermal Sciences</i> , 2017, 121, 348-357.	4.9	16
10	Enhanced tunneled surfaces for water pool boiling heat transfer under low pressure. <i>International Journal of Heat and Mass Transfer</i> , 2018, 116, 93-103.	4.8	16
11	The experimental investigation of mPCM slurries density at phase change temperature. <i>International Journal of Heat and Mass Transfer</i> , 2020, 159, 120083.	4.8	16
12	Determining the Heat of Fusion and Specific Heat of Microencapsulated Phase Change Material Slurry by Thermal Delay Method. <i>Energies</i> , 2021, 14, 179.	3.1	13
13	Heat transfer characteristics of flow boiling in a micro channel array with various inlet geometries. <i>International Journal of Heat and Mass Transfer</i> , 2022, 187, 122549.	4.8	12
14	Predicting Performance of a District Heat Powered Adsorption Chiller by Means of an Artificial Neural Network. <i>Energies</i> , 2019, 12, 3328.	3.1	9
15	Drying silica-nanofluid droplets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126730.	4.7	9
16	Influence of saturation temperature and heat flux on pool boiling of R245fa. <i>Experimental Heat Transfer</i> , 2020, , 1-18.	3.2	8
17	Subcooled boiling regime map for water at low saturation temperature and subatmospheric pressure. <i>Experimental Thermal and Fluid Science</i> , 2020, 118, 110150.	2.7	7
18	Impact of Silica Nanofluid Deposition on Thermosyphon Performance. <i>Heat Transfer Engineering</i> , 2021, 42, 1702-1719.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Pool boiling heat transfer coefficient of dimethyl ether and its azeotropic ternary mixtures. International Journal of Heat and Mass Transfer, 2021, 171, 121063.	4.8	5
20	Novel sensor for local analysis of bubble dynamics at low pressure. Experimental Thermal and Fluid Science, 2019, 104, 175-185.	2.7	3
21	On the Double Peak Structure of Thermosyphon Geysering. , 0, , .		0