

Bartosz Gil

List of Publications by Year in descending order

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15
papers

185
citations

1307366

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1125617

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15
docs citations

15
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative investigation of low-GWP binary and ternary blends as potential replacements of HFC refrigerants for air conditioning systems. Applied Thermal Engineering, 2022, 210, 118354.	3.0	8
2	New HFC/HFO Blends as Refrigerants for the Vapor-Compression Refrigeration System (VCRS). Energies, 2021, 14, 946.	1.6	8
3	Application of thermal storage in over-night refrigeration of an institutional building. Solar Energy, 2021, 220, 450-461.	2.9	6
4	Pool boiling heat transfer coefficient of dimethyl ether and its azeotropic ternary mixtures. International Journal of Heat and Mass Transfer, 2021, 171, 121063.	2.5	5
5	Influence of saturation temperature and heat flux on pool boiling of R245fa. Experimental Heat Transfer, 2020, , 1-18.	2.3	8
6	Development and Results from Application of PCM-Based Storage Tanks in a Solar Thermal Comfort System of an Institutional Building – A Case Study. Energies, 2020, 13, 3877.	1.6	3
7	Pool Boiling Heat Transfer Coefficient of Low-Pressure Glow Plasma Treated Water at Atmospheric and Reduced Pressure. Energies, 2020, 13, 69.	1.6	6
8	Experimental Study of Nucleate Boiling of Flammable, Environmentally Friendly Refrigerants. Energies, 2020, 13, 160.	1.6	8
9	Modeling of Discharging Process of Heat Storage Tank Filled with PCM, to Cover Heat Demand of the Building. , 2019, , .		1
10	Analysis of Heat Gain Decrease Achived by Ventilation Heat Recovery in Solar Cooling Building: Case Study. , 2019, , .		0
11	Performance estimation of ejector cycles using ethers and fluorinated ethers as refrigerants. Applied Thermal Engineering, 2018, 133, 269-275.	3.0	15
12	Efficiency Evaluation of the Ejector Cooling Cycle using a New Generation of HFO/HCFO Refrigerant as a R134a Replacement. Energies, 2018, 11, 2136.	1.6	26
13	Efficiency analysis of alternative refrigerants for ejector cooling cycles. Energy Conversion and Management, 2015, 94, 12-18.	4.4	41
14	Performance Analysis of a Solar-powered Ejector Air-conditioning Cycle with Heavier Hydrocarbons as Refrigerants. Energy Procedia, 2014, 57, 2619-2628.	1.8	9
15	Performance estimation of ejector cycles using heavier hydrocarbon refrigerants. Applied Thermal Engineering, 2014, 71, 197-203.	3.0	41