

Zbigniew Rogala

List of Publications by Year in descending order

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18
papers

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1307594

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docs citations

18
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption chiller using flat-tube adsorbers – Performance assessment and optimization. Applied Thermal Engineering, 2017, 121, 431-442.	6.0	42
2	Modelling and experimental analyzes on air-fluidised silica gel-water adsorption and desorption. Applied Thermal Engineering, 2017, 127, 950-962.	6.0	23
3	Liquefied Natural Gas in Mobile Applications – Opportunities and Challenges. Energies, 2020, 13, 5673.	3.1	17
4	Theoretical and Numerical Analysis of Freezing Risk During LNG Evaporation Process. Energies, 2019, 12, 1426.	3.1	12
5	Experimental Study of Performance Improvement of 3-Bed and 2-Evaporator Adsorption Chiller by Control Optimization. Energies, 2019, 12, 3943.	3.1	10
6	The effect of geometrical modifications to a shell and tube heat exchanger on performance and freezing risk during LNG regasification. International Journal of Heat and Mass Transfer, 2020, 161, 120247.	4.8	10
7	System options for cooling of buildings making use of district heating heat. International Journal of Refrigeration, 2016, 70, 183-195.	3.4	9
8	Composition optimization method for mixed refrigerant MR JT cryocooler. Cryogenics, 2021, 113, 103223.	1.7	8
9	The Influence of Operating Parameters on Adsorption/Desorption Characteristics and Performance of the Fluidised Desiccant Cooler. Energies, 2018, 11, 1597.	3.1	7
10	Pool Boiling Heat Transfer Coefficient of Low-Pressure Glow Plasma Treated Water at Atmospheric and Reduced Pressure. Energies, 2020, 13, 69.	3.1	6
11	Exergy Analysis of Fluidized Desiccant Cooling System. Entropy, 2019, 21, 757.	2.2	5
12	Modeling of a Three-Stage Cascaded Refrigeration System Based on Standard Refrigeration Compressors in Cryogenic Applications above 110 K. Modelling, 2022, 3, 255-271.	1.4	4
13	Performance evaluation for a low temperature heat powered for 3-beds with dual evaporators silica gel water adsorption chillers. , 2017, , .		3
14	Application of precooling stage in MR JT cryocoolers. Cryogenics, 2022, 121, 103395.	1.7	3
15	Effect of operating conditions on performance of silica gel-water air-fluidised desiccant cooler. E3S Web of Conferences, 2017, 22, 00146.	0.5	2
16	Theoretical analysis of liquefied natural gas cold energy recovery using thermoelectric generators. Applied Thermal Engineering, 2022, 213, 118608.	6.0	2
17	Analysis of freezing risk during LNG evaporation process. IOP Conference Series: Materials Science and Engineering, 2020, 755, 012114.	0.6	0
18	Design and experimental study on precooled MR JT cryocooler for LNG recondensation purposes. Applied Thermal Engineering, 2022, 215, 118939.	6.0	0