

Jes s Cerezo Rom n

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

454
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Analysis of a Latent Heat Storage Using Plate Heat Exchanger for Absorption System Conditions. <i>Processes</i> , 2022, 10, 815.	2.8	2
2	Analysis and Simulation of an Absorption Cooling System Using a Latent Heat Storage Tank and a Tempering Valve. <i>Energies</i> , 2021, 14, 1376.	3.1	5
3	Energy Model for Long-Term Scenarios in Power Sector under Energy Transition Laws. <i>Processes</i> , 2019, 7, 674.	2.8	2
4	Experimental Study of a Bubble Mode Absorption with an Inner Vapor Distributor in a Plate Heat Exchanger-Type Absorber with NH ₃ -LiNO ₃ . <i>Energies</i> , 2018, 11, 2137.	3.1	11
5	A Theoretical-Experimental Comparison of an Improved Ammonia-Water Bubble Absorber by Means of a Helical Static Mixer. <i>Energies</i> , 2018, 11, 56.	3.1	5
6	Dynamic Simulation of an Absorption Cooling System with Different Working Mixtures. <i>Energies</i> , 2018, 11, 259.	3.1	19
7	Experimental assessment of an absorption heat transformer prototype at different temperature levels into generator and into evaporator operating with water/Carrol mixture. <i>Experimental Thermal and Fluid Science</i> , 2015, 60, 275-283.	2.7	12
8	Optimum generator temperature to couple different diffusion absorption solar cooling systems. <i>International Journal of Refrigeration</i> , 2014, 45, 128-135.	3.4	7
9	Energy analysis of a diffusion absorption cooling system using lithium nitrate, sodium thiocyanate and water as absorbent substances and ammonia as the refrigerant. <i>Applied Thermal Engineering</i> , 2013, 51, 1273-1281.	6.0	49
10	A mathematical model to develop a Scheffler-type solar concentrator coupled with a Stirling engine. <i>Applied Energy</i> , 2013, 101, 253-260.	10.1	65
11	Exergy analysis of an experimental single-stage heat transformer operating with single water/lithium bromide and using additives (1-octanol and 2-ethyl-1-hexanol). <i>Applied Thermal Engineering</i> , 2011, 31, 3526-3532.	6.0	40
12	A study of a bubble absorber using a plate heat exchanger with NH ₃ -H ₂ O, NH ₃ -LiNO ₃ and NH ₃ -NaSCN. <i>Applied Thermal Engineering</i> , 2011, 31, 1869-1876.	6.0	34
13	Comparison of numerical and experimental performance criteria of an ammonia-water bubble absorber using plate heat exchangers. <i>International Journal of Heat and Mass Transfer</i> , 2010, 53, 3379-3386.	4.8	30
14	Energy and exergy analysis of an experimental single-stage heat transformer operating with the water/lithium bromide mixture. <i>International Journal of Energy Research</i> , 2010, 34, 1121-1131.	4.5	24
15	Experimental study of an ammonia-water bubble absorber using a plate heat exchanger for absorption refrigeration machines. <i>Applied Thermal Engineering</i> , 2009, 29, 1005-1011.	6.0	61
16	Experimental study of the use of additives in the performance of a single-stage heat transformer operating with water-lithium bromide. <i>International Journal of Energy Research</i> , 2005, 29, 121-130.	4.5	29
17	Single stage and double absorption heat transformers used to recover energy in a distillation column of butane and pentane. <i>International Journal of Energy Research</i> , 2003, 27, 1279-1292.	4.5	57
18	Thermal Analysis of an Absorption and Adsorption Cooling Chillers Using a Modulating Tempering Valve. , 0, , .		2