JesÃºs Cerezo RomÃ¡n

List of Publications by Year
in descending order

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18	454	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	353
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A mathematical model to develop a Scheffler-type solar concentrator coupled with a Stirling engine. Applied Energy, 2013, 101, 253-260.	10.1	65
2	Experimental study of an ammoniaâ€“water bubble absorber using a plate heat exchanger for absorption refrigeration machines. Applied Thermal Engineering, 2009, 29, 1005-1011.	6.0	61
3	Single stage and double absorption heat transformers used to recover energy in a distillation column of butane and pentane. International Journal of Energy Research, 2003, 27, 1279-1292.	4.5	57
4	Energy analysis of a diffusion absorption cooling system using lithium nitrate, sodium thiocyanate and water as absorbent substances and ammonia as the refrigerant. Applied Thermal Engineering, 2013, 51, 1273-1281.	6.0	49
5	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). Applied Thermal Engineering, 2011, 31, 3526-3532.	6.0	40
6	A study of a bubble absorber using a plate heat exchanger with NH3â€“H2O, NH3â€“LiNO3 and NH3â€“NaSCN. Applied Thermal Engineering, 2011, 31, 1869-1876.	6.0	34
7	Comparison of numerical and experimental performance criteria of an ammoniaâ€“water bubble absorber using plate heat exchangers. International Journal of Heat and Mass Transfer, 2010, 53, 3379-3386.	4.8	30
8	Experimental study of the use of additives in the performance of a single-stage heat transformer operating with water-lithium bromide. International Journal of Energy Research, 2005, 29, 121-130.	4.5	29
9	Energy and exergy analysis of an experimental single-stage heat transformer operating with the water/lithium bromide mixture. International Journal of Energy Research, 2010, 34, 1121-1131.	4.5	24
10	Dynamic Simulation of an Absorption Cooling System with Different Working Mixtures. Energies, 2018, 11, 259.	3.1	19
11	Experimental assessment of an absorption heat transformer prototype at different temperature levels into generator and into evaporator operating with water/Carrol mixture. Experimental Thermal and Fluid Science, 2015, 60, 275-283.	2.7	12
12	Experimental Study of a Bubble Mode Absorption with an Inner Vapor Distributor in a Plate Heat Exchanger-Type Absorber with NH3-LiNO3. Energies, 2018, 11, 2137.	3.1	11
13	Optimum generator temperature to couple different diffusion absorption solar cooling systems. International Journal of Refrigeration, 2014, 45, 128-135.	3.4	7
14	A Theoretical-Experimental Comparison of an Improved Ammonia-Water Bubble Absorber by Means of a Helical Static Mixer. Energies, 2018, 11, 56.	3.1	5
15	Analysis and Simulation of an Absorption Cooling System Using a Latent Heat Storage Tank and a Tempering Valve. Energies, 2021, 14, 1376.	3.1	5
16	Energy Model for Long-Term Scenarios in Power Sector under Energy Transition Laws. Processes, 2019, 7, 674.	2.8	2
17	Thermal Analysis of an Absorption and Adsorption Cooling Chillers Using a Modulating Tempering Valve. , 0, , .		2
18	Numerical Analysis of a Latent Heat Storage Using Plate Heat Exchanger for Absorption System Conditions. Processes, 2022, 10, 815.	2.8	2