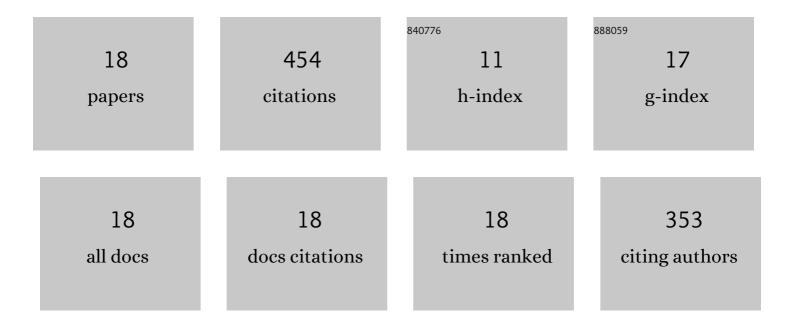
Jesús Cerezo RomÃ;n

List of Publications by Year in descending order

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| # | 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 ammonia–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 NH3–H2O, NH3–LiNO3 and NH3–NaSCN. Applied Thermal Engineering, 2011, 31, 1869-1876. | 6.0 | 34 |
| 7 | Comparison of numerical and experimental performance criteria of an ammonia–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 |