

Andrea Gutierrez

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5417390/andrea-gutierrez-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

644
citations

10
h-index

14
g-index

14
ext. papers

748
ext. citations

9.7
avg, IF

4.16
L-index

#	Paper	IF	Citations
14	A review on encapsulation techniques for inorganic phase change materials and the influence on their thermophysical properties. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 73, 983-999	16.2	232
13	Advances in the valorization of waste and by-product materials as thermal energy storage (TES) materials. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 59, 763-783	16.2	83
12	Lithium in thermal energy storage: A state-of-the-art review. <i>Renewable and Sustainable Energy Reviews</i> , 2015 , 42, 1106-1112	16.2	77
11	Thermochemical energy storage with CaO/Ca(OH) ₂ [Experimental investigation of the thermal capability at low vapor pressures in a lab scale reactor. <i>Applied Energy</i> , 2017 , 188, 672-681	10.7	60
10	Thermophysical characterization of a by-product from the non-metallic industry as inorganic PCM. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 132, 385-391	6.4	46
9	Characterization of wastes based on inorganic double salt hydrates as potential thermal energy storage materials. <i>Solar Energy Materials and Solar Cells</i> , 2017 , 170, 149-159	6.4	39
8	Reduction of the subcooling of bischofite with the use of nucleating agents. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 157, 1011-1018	6.4	28
7	Use of polyethylene glycol for the improvement of the cycling stability of bischofite as thermal energy storage material. <i>Applied Energy</i> , 2015 , 154, 616-621	10.7	23
6	Enthalpy-temperature plots to compare calorimetric measurements of phase change materials at different sample scales. <i>Journal of Energy Storage</i> , 2018 , 15, 32-38	7.8	22
5	Thermal performance evaluation of bischofite at pilot plant scale. <i>Applied Energy</i> , 2015 , 155, 826-833	10.7	12
4	High Carnallite-Bearing Material for Thermochemical Energy Storage: Thermophysical Characterization. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6135-6145	8.3	9
3	Influence of alkaline chlorides on thermal energy storage properties of bischofite. <i>International Journal of Energy Research</i> , 2016 , 40, 1556-1563	4.5	7
2	Investigation of Ca ₁₂ Al ₁₄ O ₃₃ Mayenite for hydration/dehydration thermochemical energy storage. <i>Journal of Energy Storage</i> , 2020 , 31, 101647	7.8	3
1	Industrial waste materials and by-products as thermal energy storage (TES) materials: A review 2016 ,		3