

Monica MartÃ- nez LÃ³pez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3069333/publications.pdf>

Version: 2024-02-01

24
papers

1,609
citations

516215

16
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

2005
citing authors

#	ARTICLE	IF	CITATIONS
1	Types, methods, techniques, and applications for microencapsulated phase change materials (MPCM): A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 53, 1059-1075.	8.2	411
2	Selection of materials with potential in sensible thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 1723-1729.	3.0	264
3	Adsorption of perfluoroalkyl substances on microplastics under environmental conditions. <i>Environmental Pollution</i> , 2018, 235, 680-691.	3.7	220
4	Selection and characterization of recycled materials for sensible thermal energy storage. <i>Solar Energy Materials and Solar Cells</i> , 2012, 107, 131-135.	3.0	114
5	Aggregate material formulated with MSWI bottom ash and APC fly ash for use as secondary building material. <i>Waste Management</i> , 2013, 33, 621-627.	3.7	113
6	Physico-chemical and mechanical properties of microencapsulated phase change material. <i>Applied Energy</i> , 2013, 109, 441-448.	5.1	71
7	CO ₂ mitigation accounting for Thermal Energy Storage (TES) case studies. <i>Applied Energy</i> , 2015, 155, 365-377.	5.1	58
8	Nanohardness and Young's modulus of YBCO samples textured by the Bridgman technique. <i>Nanotechnology</i> , 2007, 18, 385701.	1.3	47
9	Affordable construction towards sustainable buildings: review on embodied energy in building materials. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 229-236.	3.1	47
10	Improving anaerobic digestion of pig manure by adding in the same reactor a stabilizing agent formulated with low-grade magnesium oxide. <i>Biomass and Bioenergy</i> , 2014, 67, 243-251.	2.9	41
11	Unconventional experimental technologies used for phase change materials (PCM) characterization: part 2 – morphological and structural characterization, physico-chemical stability and mechanical properties. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1415-1426.	8.2	33
12	Depth-sensing indentation applied to polymers: A comparison between standard methods of analysis in relation to the nature of the materials. <i>European Polymer Journal</i> , 2013, 49, 4047-4053.	2.6	32
13	Study of corrosion by Dynamic Gravimetric Analysis (DGA) methodology. Influence of chloride content in solar salt. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 526-532.	3.0	31
14	Comparison of phase change slurries: Physicochemical and thermal properties. <i>Energy</i> , 2015, 87, 223-227.	4.5	28
15	Physicochemical and Thermal Study of a MPCM of PMMA Shell and Paraffin Wax as a Core. <i>Energy Procedia</i> , 2014, 48, 347-354.	1.8	20
16	Effect of the impurity magnesium nitrate in the thermal decomposition of the solar salt. <i>Solar Energy</i> , 2019, 192, 186-192.	2.9	18
17	Corrosion of AISI316 as containment material for latent heat thermal energy storage systems based on carbonates. <i>Solar Energy Materials and Solar Cells</i> , 2018, 186, 1-8.	3.0	17
18	Mechanical response evaluation of microcapsules from different slurries. <i>Renewable Energy</i> , 2016, 85, 732-739.	4.3	16

#	ARTICLE	IF	CITATIONS
19	Thermomechanical testing under operating conditions of A516Gr70 used for CSP storage tanks. Solar Energy Materials and Solar Cells, 2018, 174, 509-514.	3.0	7
20	Oxygenation kinetics of YBCO-TSMG samples using the nanoindentation technique. Journal of the European Ceramic Society, 2012, 32, 425-431.	2.8	6
21	Kinetic equation describing the annealing process of copper. Journal of Materials Science, 2005, 40, 4483-4487.	1.7	4
22	Yield strength, shear stress and toughness of YBCO samples textured by Bridgman technique. Journal of Physics: Conference Series, 2008, 97, 012116.	0.3	4
23	Hardness of FRHC-Cu Determined by Statistical Analysis. Journal of Materials Engineering and Performance, 2014, 23, 637-642.	1.2	4
24	Comparative study of electrical and mechanical properties of fire-refined and electrolytically refined cold-drawn copper wires. Journal of Materials Science, 2007, 42, 7745-7749.	1.7	3