

Ingrid Martorell

List of Publications by Year in descending order

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15
papers

2,558
citations

933264

10
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	State of the art on high temperature thermal energy storage for power generation. Part 1â€”Concepts, materials and modellization. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 31-55.	8.2	1,379
2	State of the art on high-temperature thermal energy storage for power generation. Part 2â€”Case studies. <i>Renewable and Sustainable Energy Reviews</i> , 2010, 14, 56-72.	8.2	553
3	Review of the T-history method to determine thermophysical properties of phase change materials (PCM). <i>Renewable and Sustainable Energy Reviews</i> , 2013, 26, 425-436.	8.2	155
4	Study on differential scanning calorimetry analysis with two operation modes and organic and inorganic phase change material (PCM). <i>Thermochimica Acta</i> , 2013, 553, 23-26.	1.2	121
5	Corrosion of metal containers for use in PCM energy storage. <i>Renewable Energy</i> , 2015, 76, 465-469.	4.3	105
6	Unconventional experimental technologies available for phase change materials (PCM) characterization. Part 1. Thermophysical properties. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1399-1414.	8.2	85
7	Natural convection from narrow horizontal plates at moderate Rayleigh numbers. <i>International Journal of Heat and Mass Transfer</i> , 2003, 46, 2389-2402.	2.5	42
8	Improving thermal comfort of earthen dwellings in sub-Saharan Africa with passive design. <i>Journal of Building Engineering</i> , 2019, 24, 100732.	1.6	38
9	Assessing the Effect of Web-Based Learning Tools on Student Understanding of Stoichiometry Using Knowledge Space Theory. <i>Journal of Chemical Education</i> , 2005, 82, 1251.	1.1	31
10	New methodology developed for the differential scanning calorimetry analysis of polymeric matrixes incorporating phase change materials. <i>Measurement Science and Technology</i> , 2012, 23, 085606.	1.4	21
11	Introduction to thermal energy storage systems. , 2021, , 1-33.		8
12	Analysis of the Thermal Behavior of an Earthbag Building in Mediterranean Continental Climate: Monitoring and Simulation. <i>Energies</i> , 2020, 13, 162.	1.6	6
13	Thermal Monitoring and Simulation of Earthen Buildings. A Review. <i>Energies</i> , 2021, 14, 2080.	1.6	6
14	Inquiry-Based Learning for Older People at a University in Spain. <i>Educational Gerontology</i> , 2009, 35, 712-731.	0.7	4
15	Integrating symmetry in stereochemical analysis in introductory organic chemistry. <i>Chemistry Education Research and Practice</i> , 2011, 12, 322-330.	1.4	4