

Tiago Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7278039/publications.pdf>

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10
papers

842
citations

932766

10
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental testing and numerical modelling of masonry wall solution with PCM incorporation: A passive construction solution. <i>Energy and Buildings</i> , 2012, 49, 235-245.	3.1	167
2	Brick masonry walls with PCM macrocapsules: An experimental approach. <i>Applied Thermal Engineering</i> , 2014, 67, 24-34.	3.0	163
3	Literature review on the use of phase change materials in glazing and shading solutions. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 53, 515-535.	8.2	128
4	Thermal performance of a window shutter containing PCM: Numerical validation and experimental analysis. <i>Applied Energy</i> , 2016, 179, 64-84.	5.1	89
5	Development of a window shutter with phase change materials: Full scale outdoor experimental approach. <i>Energy and Buildings</i> , 2015, 88, 110-121.	3.1	76
6	Performance of a window shutter with phase change material under summer Mediterranean climate conditions. <i>Applied Thermal Engineering</i> , 2015, 84, 246-256.	3.0	73
7	Bottom ash from biomass combustion in BFB and its use in adhesive-mortars. <i>Fuel Processing Technology</i> , 2015, 129, 192-202.	3.7	53
8	Comparison between monitored and simulated data using evolutionary algorithms: Reducing the performance gap in dynamic building simulation. <i>Journal of Building Engineering</i> , 2018, 17, 96-106.	1.6	38
9	Thermal Energy Storage and Mechanical Performance of Crude Glycerol Polyurethane Composite Foams Containing Phase Change Materials and Expandable Graphite. <i>Materials</i> , 2018, 11, 1896.	1.3	32
10	Development of polyurethane foam incorporating phase change material for thermal energy storage. <i>Journal of Energy Storage</i> , 2020, 28, 101177.	3.9	23