

# Tiago Silva

## List of Publications by Year in descending order

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

Version: 2024-02-01

10  
papers

842  
citations

932766

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1372195

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10  
all docs

10  
docs citations

10  
times ranked

862  
citing authors

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