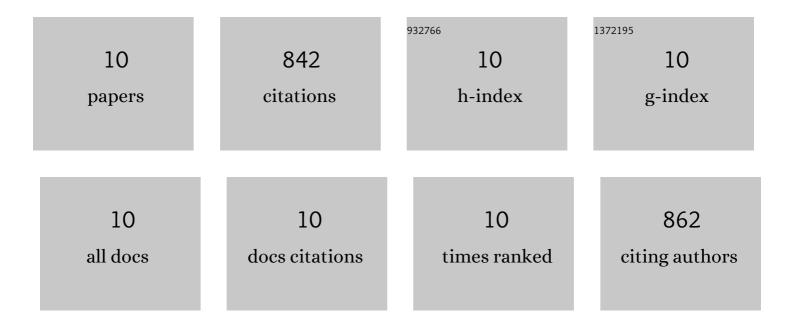
## Tiago Silva

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7278039/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Brick masonry walls with PCM macrocapsules: An experimental approach. Applied Thermal Engineering, 2014, 67, 24-34.	3.0	163
3	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
4	Thermal performance of a window shutter containing PCM: Numerical validation and experimental analysis. Applied Energy, 2016, 179, 64-84.	5.1	89
5	Development of a window shutter with phase change materials: Full scale outdoor experimental approach. Energy and Buildings, 2015, 88, 110-121.	3.1	76
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	Bottom ash from biomass combustion in BFB and its use in adhesive-mortars. Fuel Processing Technology, 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. Journal of Building Engineering, 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. Materials, 2018, 11, 1896.	1.3	32
10	Development of polyurethane foam incorporating phase change material for thermal energy storage. Journal of Energy Storage, 2020, 28, 101177.	3.9	23