

# Claudia Amaral

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4434929/publications.pdf>

Version: 2024-02-01

8  
papers

389  
citations

1306789

7  
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1588620

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g-index

8  
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8  
docs citations

8  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase change materials and carbon nanostructures for thermal energy storage: A literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1212-1228.	8.2	161
2	Thermal performance of a window shutter containing PCM: Numerical validation and experimental analysis. <i>Applied Energy</i> , 2016, 179, 64-84.	5.1	89
3	Polyurethane foams with microencapsulated phase change material: Comparative analysis of thermal conductivity characterization approaches. <i>Energy and Buildings</i> , 2017, 153, 392-402.	3.1	44
4	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
5	Development of polyurethane foam incorporating phase change material for thermal energy storage. <i>Journal of Energy Storage</i> , 2020, 28, 101177.	3.9	23
6	Experimental and numerical analysis of the thermal performance of polyurethane foams panels incorporating phase change material. <i>Energy</i> , 2021, 216, 119213.	4.5	22
7	Development of structural layers PVC incorporating phase change materials for thermal energy storage. <i>Applied Thermal Engineering</i> , 2020, 179, 115707.	3.0	11
8	Thermal characterization of polyurethane foams with phase change material. <i>Ciência &amp; Tecnologia Dos Materiais</i> , 2017, 29, 1-7.	0.5	7