

# Mariana Palumbo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6777419/publications.pdf>

Version: 2024-02-01

11  
papers

571  
citations

932766

10  
h-index

1281420

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-consumption possibilities by rooftop PV and building retrofit requirements for a regional building stock: The case of Catalonia. <i>Solar Energy</i> , 2022, 238, 150-161.	2.9	14
2	Systematic combination of insulation biomaterials to enhance energy and environmental efficiency in buildings. <i>Construction and Building Materials</i> , 2021, 267, 120973.	3.2	13
3	Why it's so hard? Exploring social barriers for the deployment of thermal energy storage in Spanish buildings. <i>Energy Research and Social Science</i> , 2021, 76, 102057.	3.0	5
4	Multi-objective optimisation of bio-based thermal insulation materials in building envelopes considering condensation risk. <i>Applied Energy</i> , 2018, 224, 602-614.	5.1	60
5	Bio-based insulation materials and their hygrothermal performance in a building envelope system (ETICS). <i>Energy and Buildings</i> , 2018, 174, 147-155.	3.1	40
6	Improvement of fire reaction and mould growth resistance of a new bio-based thermal insulation material. <i>Construction and Building Materials</i> , 2017, 139, 531-539.	3.2	41
7	Integration of BIM and LCA: Evaluating the environmental impacts of building materials at an early stage of designing a typical office building. <i>Journal of Building Engineering</i> , 2017, 14, 115-126.	1.6	177
8	Determination of hygrothermal parameters of experimental and commercial bio-based insulation materials. <i>Construction and Building Materials</i> , 2016, 124, 269-275.	3.2	86
9	The influence of two crop by-products on the hygrothermal properties of earth plasters. <i>Building and Environment</i> , 2016, 105, 245-252.	3.0	50
10	Thermal degradation and fire behaviour of thermal insulation materials based on food crop by-products. <i>Construction and Building Materials</i> , 2015, 79, 34-39.	3.2	48
11	Availability of crop by-products in Spain: New raw materials for natural thermal insulation. <i>Resources, Conservation and Recycling</i> , 2015, 99, 1-6.	5.3	37