

# Lorenzo Olivieri

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5751533/publications.pdf>

Version: 2024-02-01

15  
papers

580  
citations

687220

13  
h-index

1058333

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

722  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental measurements and numerical model for the summer performance assessment of extensive green roofs in a Mediterranean coastal climate. <i>Energy and Buildings</i> , 2013, 63, 1-14.	3.1	91
2	Energy saving potential of semi-transparent photovoltaic elements for building integration. <i>Energy</i> , 2014, 76, 572-583.	4.5	84
3	Integral energy performance characterization of semi-transparent photovoltaic elements for building integration under real operation conditions. <i>Energy and Buildings</i> , 2014, 68, 280-291.	3.1	72
4	Behaviour of a concrete wall containing micro-encapsulated PCM after a decade of its construction. <i>Solar Energy</i> , 2020, 200, 108-113.	2.9	57
5	Experimental study of the thermal-energy performance of an insulated vegetal façade under summer conditions in a continental mediterranean climate. <i>Building and Environment</i> , 2014, 77, 61-76.	3.0	52
6	Benchmarking of useful phase change materials for a building application. <i>Energy and Buildings</i> , 2019, 182, 45-50.	3.1	51
7	Assessing the potential of PV hybrid systems to cover HVAC loads in a grid-connected residential building through intelligent control. <i>Applied Energy</i> , 2017, 206, 249-266.	5.1	40
8	Developing a PCM-enhanced mortar for thermally active precast walls. <i>Construction and Building Materials</i> , 2018, 181, 638-649.	3.2	37
9	Contribution of photovoltaic distributed generation to the transition towards an emission-free supply to university campus: technical, economic feasibility and carbon emission reduction at the Universidad Politécnica de Madrid. <i>Renewable Energy</i> , 2020, 162, 1703-1714.	4.3	20
10	Experimental characterization and implementation of an integrated autoregressive model to predict the thermal performance of vegetal façades. <i>Energy and Buildings</i> , 2014, 72, 309-321.	3.1	19
11	Luminous and solar characterization of PV modules for building integration. <i>Energy and Buildings</i> , 2015, 103, 326-337.	3.1	19
12	Monitorization and statistical analysis of south and west green walls in a retrofitted building in Madrid. <i>Building and Environment</i> , 2020, 183, 107049.	3.0	16
13	G-value indoor characterization of semi-transparent photovoltaic elements for building integration: New equipment and methodology. <i>Energy and Buildings</i> , 2015, 101, 84-94.	3.1	14
14	HVAC systems using PV technology: Economic feasibility analysis in commercial buildings of Ecuador. <i>IEEE Latin America Transactions</i> , 2016, 14, 767-772.	1.2	8
15	Actions for adaptation and mitigation to climate change: Madrid case study. <i>Revista Facultad De Ingeniería</i> , 0, , .	0.5	0