

Luca Mauri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11444/publications.pdf>

Version: 2024-02-01

18
papers

243
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Low impact energy saving strategies for individual heating systems in a modern residential building: A case study in Rome. <i>Journal of Cleaner Production</i> , 2019, 214, 791-802.	9.3	30
2	How the urban environment affects the microclimate and the building energy demand for the City of Rome. <i>Thermal Science</i> , 2019, 23, 1035-1042.	1.1	5
3	About the shortwave multiple reflections in an urban street canyon building related to three different European climates. <i>MATEC Web of Conferences</i> , 2018, 240, 05004.	0.2	0
4	Numerical Model for the Characterization of Retro-reflective Materials Behavior in an Urban Street Canyon. <i>Journal of Thermal Science</i> , 2018, 27, 456-462.	1.9	5
5	Retroreflective materials for building's façades: Experimental characterization and numerical simulations. <i>Solar Energy</i> , 2018, 171, 150-156.	6.1	30
6	Impact of shortwave multiple reflections in an urban street canyon on building thermal energy demands. <i>Energy and Buildings</i> , 2018, 174, 77-84.	6.7	24
7	Effects of radiative exchange in an urban canyon on building surfaces' loads and temperatures. <i>Energy and Buildings</i> , 2017, 149, 260-271.	6.7	22
8	Influence of the façades convective heat transfer coefficients on the thermal energy demand for an urban street canyon building. <i>Energy Procedia</i> , 2017, 126, 10-17.	1.8	4
9	Opaque construction materials solar loads calculation: Dependence on directional reflectance. <i>Energy Procedia</i> , 2017, 126, 163-170.	1.8	1
10	Study of energy performance and analysis of possible retrofit strategies in a public school building in Rome. , 2017, , .		0
11	Assessment of the Air Pollution Level in the City of Rome (Italy). <i>Sustainability</i> , 2016, 8, 838.	3.2	33
12	Energy retrofit of a non-residential and historic building in Rome. , 2016, , .		2
13	Effects of different building automation systems on the energy consumption for three thermal insulation values of the building envelope. , 2016, , .		15
14	Influence of Street Canyon's Microclimate on the Energy Demand for Space Cooling and Heating of Buildings. <i>Energy Procedia</i> , 2016, 101, 941-947.	1.8	14
15	Numerical Study of Buoyant Flows in Street Canyon Caused by Ground and Building Heating. <i>Energy Procedia</i> , 2016, 101, 1018-1025.	1.8	11
16	Assessment of the Impact of a Centralized Heating System Equipped with Programmable Thermostatic Valves on Building Energy Demand. <i>Energy Procedia</i> , 2016, 101, 1042-1049.	1.8	11
17	Green Roof Effects in a Case Study of Rome (Italy). <i>Energy Procedia</i> , 2016, 101, 1058-1063.	1.8	19
18	Feasibility Analysis of Retrofit Strategies for the Achievement of NZEB Target on a Historic Building for Tertiary Use. <i>Energy Procedia</i> , 2016, 101, 1127-1134.	1.8	17