Luca Mauri

List of Publications by Year
in descending order

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

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