

# Marco Dell'Isola

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1425838/publications.pdf>

Version: 2024-02-01

30  
papers

876  
citations

516215

16  
h-index

500791

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

905  
citing authors

#	ARTICLE	IF	CITATIONS
1	U-value in situ measurement for energy diagnosis of existing buildings. Energy and Buildings, 2015, 104, 108-121.	3.1	162
2	The effect of natural ventilation strategy on indoor air quality in schools. Science of the Total Environment, 2017, 595, 894-902.	3.9	118
3	On the measurement of the mean radiant temperature and its influence on the indoor thermal environment assessment. Building and Environment, 2013, 63, 79-88.	3.0	93
4	Effect of natural ventilation and manual airing on indoor air quality in naturally ventilated Italian classrooms. Building and Environment, 2016, 98, 180-189.	3.0	85
5	Noncontact Body Temperature Measurement: Uncertainty Evaluation and Screening Decision Rule to Prevent the Spread of COVID-19. Sensors, 2021, 21, 346.	2.1	62
6	The Effect of Ventilation Strategies on Indoor Air Quality and Energy Consumptions in Classrooms. Buildings, 2019, 9, 110.	1.4	36
7	Development of a Geographical Information System (GIS) for the Integration of Solar Energy in the Energy Planning of a Wide Area. Sustainability, 2014, 6, 5730-5744.	1.6	34
8	An Overview on Functional Integration of Hybrid Renewable Energy Systems in Multi-Energy Buildings. Energies, 2021, 14, 1078.	1.6	29
9	Estimating the impact of heat accounting on Italian residential energy consumption in different scenarios. Energy and Buildings, 2018, 168, 385-398.	3.1	28
10	Thermal Characterization of Recycled Materials for Building Insulation. Energies, 2021, 14, 3564.	1.6	24
11	Experimental Air-Tightness Analysis in Mediterranean Buildings after Windows Retrofit. Sustainability, 2016, 8, 991.	1.6	23
12	A new heat cost allocation method for social housing. Energy and Buildings, 2018, 172, 67-77.	3.1	22
13	An IoT Integrated Tool to Enhance User Awareness on Energy Consumption in Residential Buildings. Atmosphere, 2019, 10, 743.	1.0	21
14	Potential for Building Façade-Integrated Solar Thermal Collectors in a Highly Urbanized Context. Energies, 2020, 13, 5801.	1.6	20
15	SNG Generation via Power to Gas Technology: Plant Design and Annual Performance Assessment. Applied Sciences (Switzerland), 2020, 10, 8443.	1.3	20
16	Impact of Hydrogen Injection on Natural Gas Measurement. Energies, 2021, 14, 8461.	1.6	16
17	Experimental design techniques for optimising measurement chain calibration. Measurement: Journal of the International Measurement Confederation, 2001, 30, 115-127.	2.5	12
18	A hydrogeological conceptual model of the Suio hydrothermal area (central Italy). Hydrogeology Journal, 2017, 25, 1811-1832.	0.9	10

#	ARTICLE	IF	CITATIONS
19	Air Permeability of Naturally Ventilated Italian Classrooms. Energy Procedia, 2015, 78, 3150-3155.	1.8	9
20	A General Approach for Retrofit of Existing Buildings Towards NZEB: The Windows Retrofit Effects on Indoor Air Quality and the Use of Low Temperature District Heating. , 2018, , .		8
21	Estimating the Smart Readiness Indicator in the Italian Residential Building Stock in Different Scenarios. Energies, 2021, 14, 6442.	1.6	7
22	Domestic Gas Meter Durability in Hydrogen and Natural Gas Mixtures. Energies, 2021, 14, 7555.	1.6	7
23	Thermal comfort in Supermarket's refrigerated areas: An integrated survey in central Italy. Building and Environment, 2019, 166, 106410.	3.0	6
24	Experimental analysis of radiatorsâ€™ thermal output for heat accounting. Thermal Science, 2019, 23, 989-1002.	0.5	6
25	Dynamic Evaluation of Heat Thefts Due to Different Thermal Performances and Operations between Adjacent Dwellings. Applied Sciences (Switzerland), 2020, 10, 2436.	1.3	5
26	Impact of hydrogen injection on thermophysical properties and measurement reliability in natural gas networks. E3S Web of Conferences, 2021, 312, 01004.	0.2	4
27	Experimental and numerical analysis in heat flow sensors calibration. Journal of Thermal Analysis and Calorimetry, 2019, 138, 2901-2912.	2.0	3
28	A Macroscale Hydrogeological Numerical Model of the Suio Hydrothermal System (Central Italy). Geofluids, 2019, 2019, 1-16.	0.3	3
29	METefnet: developments in metrology for moisture in materials. , 2015, , .		2
30	Design and metrological characterisation of different pressure balances using the finite-element method. High Temperatures - High Pressures, 2001, 33, 189-198.	0.3	1