

Vincenzo Costanzo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25 papers	455 citations	13 h-index	21 g-index
25 ext. papers	576 ext. citations	4.6 avg, IF	4.28 L-index

#	Paper	IF	Citations
25	Indoor thermal environments in Chinese residential buildings responding to the diversity of climates. <i>Applied Thermal Engineering</i> , 2018 , 129, 693-708	5.8	72
24	The effect of passive measures on thermal comfort and energy conservation. A case study of the hot summer and cold winter climate in the Yangtze River region. <i>Journal of Building Engineering</i> , 2018 , 15, 298-310	5.2	67
23	Developing urban residential reference buildings using clustering analysis of satellite images. <i>Energy and Buildings</i> , 2018 , 169, 417-429	7	37
22	Daylight Performance of Classrooms in a Mediterranean School Heritage Building. <i>Sustainability</i> , 2018 , 10, 3705	3.6	32
21	Cool roofs for passive cooling: performance in different climates and for different insulation levels in Italy. <i>Advances in Building Energy Research</i> , 2013 , 7, 155-169	1.8	28
20	Stressing the passive behavior of a Passivhaus: An evidence-based scenario analysis for a Mediterranean case study. <i>Building and Environment</i> , 2018 , 142, 265-277	6.5	26
19	Passive Design Strategies for Residential Buildings in Different Spanish Climate Zones. <i>Sustainability</i> , 2019 , 11, 4816	3.6	26
18	Natural ventilation potential for residential buildings in a densely built-up and highly polluted environment. A case study. <i>Renewable Energy</i> , 2019 , 138, 340-353	8.1	24
17	Application of Climate Based Daylight Modelling to the Refurbishment of a School Building in Sicily. <i>Sustainability</i> , 2018 , 10, 2653	3.6	21
16	A Review of Daylighting Strategies in Schools: State of the Art and Expected Future Trends. <i>Buildings</i> , 2017 , 7, 41	3.2	19
15	Different Strategies for Improving Summer Thermal Comfort in Heavyweight Traditional Buildings. <i>Energy Procedia</i> , 2015 , 78, 3228-3233	2.3	17
14	Establishment and Verification of Solar Radiation Calculation Model of Glass Daylighting Roof in Hot Summer and Warm Winter Zone in China. <i>Procedia Engineering</i> , 2017 , 205, 2903-2909		16
13	Refurbishing an Existing Apartment Block in Mediterranean Climate: Towards the Passivhaus Standard. <i>Energy Procedia</i> , 2017 , 111, 397-406	2.3	14
12	Exergy Analysis of Energy Systems in Buildings. <i>Buildings</i> , 2018 , 8, 180	3.2	13
11	Investigation of thermal comfort efficacy of solar chimneys under different climates and operation time periods. <i>Energy and Buildings</i> , 2019 , 205, 109528	7	11
10	Application of weather data morphing for calibration of urban ENVI-met microclimate models. Results and critical issues. <i>Urban Climate</i> , 2021 , 38, 100895	6.8	8
9	Updated Typical Weather Years for the Energy Simulation of Buildings in Mediterranean Climate. A Case Study for Sicily. <i>Energies</i> , 2020 , 13, 4115	3.1	7

8	Typical-year and multi-year building energy simulation approaches: A critical comparison. <i>Energy</i> , 2021 , 219, 119591	7.9	6
7	A multi-layer approach for estimating the energy use intensity on an urban scale. <i>Cities</i> , 2019 , 95, 102467	5.6	4
6	Microclimate monitoring and conservation issues of a Baroque church in Italy: a risk assessment analysis. <i>Building Research and Information</i> , 2021 , 49, 729-747	4.3	3
5	Suitability of Passivhaus Design for Housing Projects in Colombia. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 97-107	0.5	2
4	Hydroponic Green Roof Systems as an Alternative to Traditional Pond and Green Roofs: A Literature Review. <i>Energies</i> , 2022 , 15, 2190	3.1	2
3	Hygrothermal and Acoustic Performance of Two Innovative Envelope Renovation Solutions Developed in the e-SAFE Project. <i>Energies</i> , 2021 , 14, 4006	3.1	0
2	A risk index for assessing heat stress mitigation strategies. An application in the Mediterranean context. <i>Journal of Cleaner Production</i> , 2022 , 346, 131210	10.3	0
1	Overheating assessment in Passivhaus dwellings: the influence of prediction tools. <i>Buildings and Cities</i> , 2022 , 3, 153-167	3.3	0