

# Iacopo Golasi

## 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.

44  
papers

1,516  
citations

23  
h-index

38  
g-index

45  
ext. papers

1,788  
ext. citations

5.2  
avg, IF

5.12  
L-index

#	Paper	IF	Citations
44	Urban microclimate and outdoor thermal comfort. A proper procedure to fit ENVI-met simulation outputs to experimental data. <i>Sustainable Cities and Society</i> , <b>2016</b> , 26, 318-343	10.1	171
43	Relating microclimate, human thermal comfort and health during heat waves: An analysis of heat island mitigation strategies through a case study in an urban outdoor environment. <i>Sustainable Cities and Society</i> , <b>2017</b> , 30, 79-96	10.1	151
42	Outdoor thermal comfort in the Mediterranean area. A transversal study in Rome, Italy. <i>Building and Environment</i> , <b>2016</b> , 96, 46-61	6.5	137
41	How high albedo and traditional buildings materials and vegetation affect the quality of urban microclimate. A case study. <i>Energy and Buildings</i> , <b>2015</b> , 99, 32-49	7	130
40	Evaluation of Different Urban Microclimate Mitigation Strategies through a PMV Analysis. <i>Sustainability</i> , <b>2015</b> , 7, 9012-9030	3.6	58
39	Energy Optimization of Road Tunnel Lighting Systems. <i>Sustainability</i> , <b>2015</b> , 7, 9664-9680	3.6	57
38	On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons. <i>Renewable Energy</i> , <b>2018</b> , 118, 825-839	8.1	54
37	Heading towards the nZEB through CHP+HP systems. A comparison between retrofit solutions able to increase the energy performance for the heating and domestic hot water production in residential buildings. <i>Energy Conversion and Management</i> , <b>2017</b> , 138, 61-76	10.6	51
36	High albedo materials to counteract heat waves in cities: An assessment of meteorology, buildings energy needs and pedestrian thermal comfort. <i>Building and Environment</i> , <b>2019</b> , 163, 106242	6.5	50
35	Complying with the demand of standardization in outdoor thermal comfort: a first approach to the Global Outdoor Comfort Index (GOCI). <i>Building and Environment</i> , <b>2018</b> , 130, 104-119	6.5	49
34	Energy demands of buildings in the framework of climate change: An investigation across Europe. <i>Sustainable Cities and Society</i> , <b>2020</b> , 60, 102213	10.1	47
33	Energy and reliability optimization of a system that combines daylighting and artificial sources. A case study carried out in academic buildings. <i>Applied Energy</i> , <b>2016</b> , 169, 250-266	10.7	37
32	Influence of Input Climatic Data on Simulations of Annual Energy Needs of a Building: EnergyPlus and WRF Modeling for a Case Study in Rome (Italy). <i>Energies</i> , <b>2018</b> , 11, 2835	3.1	37
31	Thermal Perception in the Mediterranean Area: Comparing the Mediterranean Outdoor Comfort Index (MOCI) to Other Outdoor Thermal Comfort Indices. <i>Energies</i> , <b>2016</b> , 9, 550	3.1	36
30	Effects of local conditions on the multi-variable and multi-objective energy optimization of residential buildings using genetic algorithms. <i>Applied Energy</i> , <b>2020</b> , 260, 114289	10.7	34
29	Energy retrofitting of residential buildings: How to couple Combined Heat and Power (CHP) and Heat Pump (HP) for thermal management and off-design operation. <i>Energy and Buildings</i> , <b>2017</b> , 151, 293-305	7	33
28	On the necessities to analyse the thermohygrometric perception in aged people. A review about indoor thermal comfort, health and energetic aspects and a perspective for future studies. <i>Sustainable Cities and Society</i> , <b>2018</b> , 41, 469-480	10.1	30

27	Implications of climate and outdoor thermal comfort on tourism: the case of Italy. <i>International Journal of Biometeorology</i> , <b>2017</b> , 61, 2229-2244	3.7	30
26	Outdoor thermal comfort conditions during summer in a cold semi-arid climate. A transversal field survey in Central Anatolia (Turkey). <i>Building and Environment</i> , <b>2019</b> , 148, 212-224	6.5	28
25	A First Approach to Natural Thermoventilation of Residential Buildings through Ventilation Chimneys Supplied by Solar Ponds. <i>Sustainability</i> , <b>2015</b> , 7, 9649-9663	3.6	26
24	A Methodological Comparison between Energy and Environmental Performance Evaluation. <i>Sustainability</i> , <b>2015</b> , 7, 10324-10342	3.6	26
23	Dressed for the season: Clothing and outdoor thermal comfort in the Mediterranean population. <i>Building and Environment</i> , <b>2018</b> , 146, 50-63	6.5	25
22	Influence of lighting colour temperature on indoor thermal perception: A strategy to save energy from the HVAC installations. <i>Energy and Buildings</i> , <b>2019</b> , 185, 112-122	7	24
21	Methodological Approach to the Energy Analysis of Unconstrained Historical Buildings. <i>Sustainability</i> , <b>2015</b> , 7, 10428-10444	3.6	23
20	Maintenance and Energy Optimization of Lighting Systems for the Improvement of Historic Buildings: A Case Study. <i>Sustainability</i> , <b>2015</b> , 7, 10770-10788	3.6	23
19	On the Impact of Urban Micro Climate on the Energy Consumption of Buildings. <i>Energy Procedia</i> , <b>2015</b> , 82, 506-511	2.3	22
18	Management Optimization of the Luminous Flux Regulation of a Lighting System in Road Tunnels. A First Approach to the Exertion of Predictive Control Systems. <i>Sustainability</i> , <b>2016</b> , 8, 1092	3.6	22
17	Urban Lighting Project for a Small Town: Comparing Citizens and Authority Benefits. <i>Sustainability</i> , <b>2015</b> , 7, 14230-14244	3.6	16
16	On the outdoor thermal perception and comfort of a Mediterranean subject across other Koppen-Geiger's climate zones. <i>Environmental Research</i> , <b>2018</b> , 167, 115-128	7.9	14
15	Case Study on Economic Return on Investments for Safety and Emergency Lighting in Road Tunnels. <i>Sustainability</i> , <b>2015</b> , 7, 9809-9822	3.6	11
14	Resilience of a Building to Future Climate Conditions in Three European Cities. <i>Energies</i> , <b>2019</b> , 12, 4506	3.1	10
13	Outdoor thermal perception and comfort conditions in the Köppen-Geiger climate category BSk. One-year field survey and measurement campaign in Konya, Turkey. <i>Science of the Total Environment</i> , <b>2020</b> , 738, 140295	10.2	9
12	Thermal comfort in the historical urban canyon: the effect of innovative materials. <i>Energy Procedia</i> , <b>2017</b> , 134, 151-160	2.3	9
11	Decrease of the Maximum Speed in Highway Tunnels as a Measure to Foster Energy Savings and Sustainability. <i>Energies</i> , <b>2019</b> , 12, 685	3.1	7
10	Application of Absorption Systems Powered by Solar Ponds in Warm Climates for the Air Conditioning in Residential Buildings. <i>Energies</i> , <b>2016</b> , 9, 821	3.1	7

9	Forced Postures in Courgette Greenhouse Workers. <i>Agronomy</i> , <b>2019</b> , 9, 253	3.6	6
8	A Method to Evaluate the Stimulation of a Real World Field of View by Means of a Spectroradiometric Analysis. <i>Sustainability</i> , <b>2015</b> , 7, 14964-14981	3.6	5
7	FINANCIAL AND ENVIRONMENTAL IMPACT OF COMBINED ACTIONS IN ROAD TUNNELS FOR THE DECREASE OF ENERGY AND RAW MATERIAL CONSUMPTION <b>2018</b> ,		3
6	Experimental Analysis of Thermal Fields Surrounding Horizontal Cylindrical Geothermal Exchangers. <i>Energy Procedia</i> , <b>2015</b> , 82, 294-300	2.3	2
5	Parameters Affecting the Efficiency of a Heat Transformer with a Particular Focus on the Heat Solution. <i>Energy Procedia</i> , <b>2016</b> , 101, 1183-1190	2.3	2
4	The degradation of ammonia in absorption thermal machines. <i>Energy Procedia</i> , <b>2017</b> , 126, 321-328	2.3	1
3	Fire Temperature Based on the Time and Resistance of Buildings Predicting the Adoption of Fire Safety Measures. <i>Fire</i> , <b>2019</b> , 2, 19	2.4	1
2	Repetitive Movements in Melon Cultivation Workers under Greenhouses. <i>Agriculture (Switzerland)</i> , <b>2019</b> , 9, 236	3	1
1	Conventional Industrial Robotics Applied to the Process of Tomato Grafting Using the Splicing Technique. <i>Agronomy</i> , <b>2019</b> , 9, 880	3.6	1