Iacopo Golasi

List of Publications by Year in Descending Order

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	Outdoor thermal perception and comfort conditions in the Köppen-Geiger climate category BSk. One-year field survey and measurement campaign in Konya, Turkey. *Science of the Total Environment*, **2020**, 738, 140295	10.2	9
43	Energy demands of buildings in the framework of climate change: An investigation across Europe. *Sustainable Cities and Society*, **2020**, 60, 102213	10.1	47
42	Effects of local conditions on the multi-variable and multi-objective energy optimization of residential buildings using genetic algorithms. *Applied Energy*, **2020**, 260, 114289	10.7	34
41	Forced Postures in Courgette Greenhouse Workers. *Agronomy*, **2019**, 9, 253	3.6	6
40	Fire Temperature Based on the Time and Resistance of Buildings: Predicting the Adoption of Fire Safety Measures. *Fire*, **2019**, 2, 19	2.4	1
39	Decrease of the Maximum Speed in Highway Tunnels as a Measure to Foster Energy Savings and Sustainability. *Energies*, **2019**, 12, 685	3.1	7
38	High albedo materials to counteract heat waves in cities: An assessment of meteorology, buildings energy needs and pedestrian thermal comfort. *Building and Environment*, **2019**, 163, 106242	6.5	50
37	Repetitive Movements in Melon Cultivation Workers under Greenhouses. *Agriculture (Switzerland)*, **2019**, 9, 236	3	1
36	Resilience of a Building to Future Climate Conditions in Three European Cities. *Energies*, **2019**, 12, 4506	3.1	10
35	Conventional Industrial Robotics Applied to the Process of Tomato Grafting Using the Splicing Technique. *Agronomy*, **2019**, 9, 880	3.6	1
34	Outdoor thermal comfort conditions during summer in a cold semi-arid climate. A transversal field survey in Central Anatolia (Turkey). *Building and Environment*, **2019**, 148, 212-224	6.5	28
33	Influence of lighting colour temperature on indoor thermal perception: A strategy to save energy from the HVAC installations. *Energy and Buildings*, **2019**, 185, 112-122	7	24
32	Complying with the demand of standardization in outdoor thermal comfort: a first approach to the Global Outdoor Comfort Index (GOCI). *Building and Environment*, **2018**, 130, 104-119	6.5	49
31	On the outdoor thermal perception and comfort of a Mediterranean subject across other Koppen-Geiger's climate zones. *Environmental Research*, **2018**, 167, 115-128	7.9	14
30	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. *Sustainable Cities and Society*, **2018**, 41, 469-480	10.1	30
29	FINANCIAL AND ENVIRONMENTAL IMPACT OF COMBINED ACTIONS IN ROAD TUNNELS FOR THE DECREASE OF ENERGY AND RAW MATERIAL CONSUMPTION **2018**,		3
28	On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons. *Renewable Energy*, **2018**, 118, 825-839	8.1	54

27	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). *Energies*, **2018**, 11, 2835	3.1	37
26	Dressed for the season: Clothing and outdoor thermal comfort in the Mediterranean population. *Building and Environment*, **2018**, 146, 50-63	6.5	25
25	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. *Sustainable Cities and Society*, **2017**, 30, 79-96	10.1	151
24	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. *Energy Conversion and Management*, **2017**, 138, 61-76	10.6	51
23	The degradation of ammonia in absorption thermal machines. *Energy Procedia*, **2017**, 126, 321-328	2.3	1
22	Implications of climate and outdoor thermal comfort on tourism: the case of Italy. *International Journal of Biometeorology*, **2017**, 61, 2229-2244	3.7	30
21	Energy retrofitting of residential buildings How to couple Combined Heat and Power (CHP) and Heat Pump (HP) for thermal management and off-design operation. *Energy and Buildings*, **2017**, 151, 293-305	7	33
20	Thermal comfort in the historical urban canyon: the effect of innovative materials. *Energy Procedia*, **2017**, 134, 151-160	2.3	9
19	Outdoor thermal comfort in the Mediterranean area. A transversal study in Rome, Italy. *Building and Environment*, **2016**, 96, 46-61	6.5	137
18	Energy and reliability optimization of a system that combines daylighting and artificial sources. A case study carried out in academic buildings. *Applied Energy*, **2016**, 169, 250-266	10.7	37
17	Thermal Perception in the Mediterranean Area: Comparing the Mediterranean Outdoor Comfort Index (MOCI) to Other Outdoor Thermal Comfort Indices. *Energies*, **2016**, 9, 550	3.1	36
16	Application of Absorption Systems Powered by Solar Ponds in Warm Climates for the Air Conditioning in Residential Buildings. *Energies*, **2016**, 9, 821	3.1	7
15	Management Optimization of the Luminous Flux Regulation of a Lighting System in Road Tunnels. A First Approach to the Exertion of Predictive Control Systems. *Sustainability*, **2016**, 8, 1092	3.6	22
14	Parameters Affecting the Efficiency of a Heat Transformer with a Particular Focus on the Heat Solution. *Energy Procedia*, **2016**, 101, 1183-1190	2.3	2
13	Urban microclimate and outdoor thermal comfort. A proper procedure to fit ENVI-met simulation outputs to experimental data. *Sustainable Cities and Society*, **2016**, 26, 318-343	10.1	171
12	How high albedo and traditional buildings materials and vegetation affect the quality of urban microclimate. A case study. *Energy and Buildings*, **2015**, 99, 32-49	7	130
11	On the Impact of Urban Micro Climate on the Energy Consumption of Buildings. *Energy Procedia*, **2015**, 82, 506-511	2.3	22
10	Evaluation of Different Urban Microclimate Mitigation Strategies through a PMV Analysis. *Sustainability*, **2015**, 7, 9012-9030	3.6	58

9	A First Approach to Natural Thermoventilation of Residential Buildings through Ventilation Chimneys Supplied by Solar Ponds. *Sustainability*, **2015**, 7, 9649-9663	3.6	26
8	Energy Optimization of Road Tunnel Lighting Systems. *Sustainability*, **2015**, 7, 9664-9680	3.6	57
7	A Methodological Comparison between Energy and Environmental Performance Evaluation. *Sustainability*, **2015**, 7, 10324-10342	3.6	26
6	Methodological Approach to the Energy Analysis of Unconstrained Historical Buildings. *Sustainability*, **2015**, 7, 10428-10444	3.6	23
5	Maintenance and Energy Optimization of Lighting Systems for the Improvement of Historic Buildings: A Case Study. *Sustainability*, **2015**, 7, 10770-10788	3.6	23
4	Case Study on Economic Return on Investments for Safety and Emergency Lighting in Road Tunnels. *Sustainability*, **2015**, 7, 9809-9822	3.6	11
3	A Method to Evaluate the Stimulation of a Real World Field of View by Means of a Spectroradiometric Analysis. *Sustainability*, **2015**, 7, 14964-14981	3.6	5
2	Urban Lighting Project for a Small Town: Comparing Citizens and Authority Benefits. *Sustainability*, **2015**, 7, 14230-14244	3.6	16
1	Experimental Analysis of Thermal Fields Surrounding Horizontal Cylindrical Geothermal Exchangers. *Energy Procedia*, **2015**, 82, 294-300	2.3	2