Iacopo Golasi

List of Publications by Year
in descending order

45 papers	2,162 citations	201385 27 h-index	253896 43 g-index
45 all docs	45 docs citations	45 times ranked	1697 citing authors

#	Article	IF	Citations
1	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.	5.1	250
2	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.	5.1	244
3	Outdoor thermal comfort in the Mediterranean area. A transversal study in Rome, Italy. Building and Environment, 2016, 96, 46-61.	3.0	186
4	How high albedo and traditional buildingsâ€™ materials and vegetation affect the quality of urban microclimate. A case study. Energy and Buildings, 2015, 99, 32-49.	3.1	159
5	Energy demands of buildings in the framework of climate change: An investigation across Europe. Sustainable Cities and Society, 2020, 60, 102213.	5.1	94
6	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.	3.0	86
7	On the impact of innovative materials on outdoor thermal comfort of pedestrians in historical urban canyons. Renewable Energy, 2018, 118, 825-839.	4.3	81
8	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.	3.0	73
9	Evaluation of Different Urban Microclimate Mitigation Strategies through a PMV Analysis. Sustainability, 2015, 7, 9012-9030.	1.6	65
10	Effects of local conditions on the multi-variable and multi-objective energy optimization of residential buildings using genetic algorithms. Applied Energy, 2020, 260, 114289.	5.1	64
11	Energy Optimization of Road Tunnel Lighting Systems. Sustainability, 2015, 7, 9664-9680.	1.6	63
12	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.	4.4	62
13	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.	1.6	53
14	Implications of climate and outdoor thermal comfort on tourism: the case of Italy. International Journal of Biometeorology, 2017, 61, 2229-2244.	1.3	52
15	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.	3.0	49
16	Thermal Perception in the Mediterranean Area: Comparing the Mediterranean Outdoor Comfort Index (MOCI) to Other Outdoor Thermal Comfort Indices. Energies, 2016, 9, 550.	1.6	45
17	Energy retrofitting of residential buildingsâ€"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.	3.1	44
18	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.	5.1	44

#	Article	IF	Citations
19	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.	5.1	43
20	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.	3.1	41
21	Dressed for the season: Clothing and outdoor thermal comfort in the Mediterranean population. Building and Environment, 2018, 146, 50-63.	3.0	40
22	Maintenance and Energy Optimization of Lighting Systems for the Improvement of Historic Buildings: A Case Study. Sustainability, 2015, 7, 10770-10788.	1.6	32
23	On the Impact of Urban Micro Climate on the Energy Consumption of Buildings. Energy Procedia, 2015, 82, 506-511.	1.8	31
24	A Methodological Comparison between Energy and Environmental Performance Evaluation. Sustainability, 2015, 7, 10324-10342.	1.6	30
25	Methodological Approach to the Energy Analysis of Unconstrained Historical Buildings. Sustainability, 2015, 7, 10428-10444.	1.6	30
26	A First Approach to Natural Thermoventilation of Residential Buildings through Ventilation Chimneys Supplied by Solar Ponds. Sustainability, 2015, 7, 9649-9663.	1.6	29
27	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.	1.6	27
28	On the outdoor thermal perception and comfort of a Mediterranean subject across other Koppen-Geiger's climate zones. Environmental Research, 2018, 167, 115-128.	3.7	19
29	Urban Lighting Project for a Small Town: Comparing Citizens and Authority Benefits. Sustainability, 2015, 7, 14230-14244.	1.6	17
30	Outdoor thermal perception and comfort conditions in the KÃ¶ppen-Geiger climate category BSk. One-year field survey and measurement campaign in Konya, Turkey. Science of the Total Environment, 2020, 738, 140295.	3.9	16
31	Resilience of a Building to Future Climate Conditions in Three European Cities. Energies, 2019, 12, 4506.	1.6	15
32	Thermal comfort in the historical urban canyon: the effect of innovative materials. Energy Procedia, 2017, 134, 151-160.	1.8	14
33	Case Study on Economic Return on Investments for Safety and Emergency Lighting in Road Tunnels. Sustainability, 2015, 7, 9809-9822.	1.6	11
34	Decrease of the Maximum Speed in Highway Tunnels as a Measure to Foster Energy Savings and Sustainability. Energies, 2019, 12, 685.	1.6	10
35	Application of Absorption Systems Powered by Solar Ponds in Warm Climates for the Air Conditioning in Residential Buildings. Energies, 2016, 9, 821.	1.6	9
36	A Method to Evaluate the Stimulation of a Real World Field of View by Means of a Spectroradiometric Analysis. Sustainability, 2015, 7, 14964-14981.	1.6	8

#	Article	IF	Citations
37	Forced Postures in Courgette Greenhouse Workers. Agronomy, 2019, 9, 253.	1.3	6
38	Conventional Industrial Robotics Applied to the Process of Tomato Grafting Using the Splicing Technique. Agronomy, 2019, 9, 880.	1.3	6
39	Parameters Affecting the Efficiency of a Heat Transformer with a Particular Focus on the Heat Solution. Energy Procedia, 2016, 101, 1183-1190.	1.8	3
40	Fire Temperature Based on the Time and Resistance of Buildingsâ€"Predicting the Adoption of Fire Safety Measures. Fire, 2019, 2, 19.	1.2	3
41	FINANCIAL AND ENVIRONMENTAL IMPACT OF COMBINED ACTIONS IN ROAD TUNNELS FOR THE DECREASE OF ENERGY AND RAW MATERIAL CONSUMPTION. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	3
42	Experimental Analysis of Thermal Fields Surrounding Horizontal Cylindrical Geothermal Exchangers. Energy Procedia, 2015, 82, 294-300.	1.8	2
43	The degradation of ammonia in absorption thermal machines. Energy Procedia, 2017, 126, 321-328.	1.8	2
44	Repetitive Movements in Melon Cultivation Workers under Greenhouses. Agriculture (Switzerland), 2019, 9, 236.	1.4	1
45	Advances in Theoretical and Computational Energy Optimization Processes. Processes, 2020, 8, 669.	1.3	0