Ludovico Danza

List of Publications by Year
in descending order

44 papers	1,023 citations	516215 16 h-index	414034 32 g-index
44 all docs	44 docs citations	44 times ranked	1098 citing authors

#	Article	IF	Citations
1	Weather-induced variability of country-scale space heating demand under different refurbishment scenarios for residential buildings. Energy, 2022, 239, 122152.	4.5	8
2	An artificial skylight compared with daylighting and LED: Subjective and objective performance measures. Journal of Building Engineering, 2022, 45, 103407.	1.6	3
3	Low-Cost Thermohygrometers to Assess Thermal Comfort in the Built Environment: A Laboratory Evaluation of Their Measurement Performance. Buildings, 2022, 12, 579.	1.4	6
4	Assessment of Indoor Environmental Quality in schools by combining survey and modelling: a case study in Albania. E3S Web of Conferences, 2021, 312, 12002.	0.2	0
5	Achieving near Zero Energy Building in Albania: An Approach for the Retrofit of a Public-School Building. E3S Web of Conferences, 2021, 312, 02005.	0.2	0
6	A survey-based approach used to analyse the indoor satisfaction and productivity level of user in smart working during lock-down due to the COVID-19 pandemic. Journal of Physics: Conference Series, 2021, 2042, 012139.	0.3	2
7	Working from Home in Italy during COVID-19 Lockdown: A Survey to Assess the Indoor Environmental Quality and Productivity. Buildings, 2021, 11, 660.	1.4	17
8	A weighting procedure to analyse the Indoor Environmental Quality of a Zero-Energy Building. Building and Environment, 2020, 183, 107155.	3.0	23
9	A multiple linear regression approach to correlate the Indoor Environmental Factors to the global comfort in a Zero-Energy building. E3S Web of Conferences, 2020, 197, 04002.	0.2	2
10	Correlation between Indoor Environmental Data and Biometric Parameters for the Impact Assessment of a Living Wall in a ZEB Lab. Sensors, 2020, 20, 2523.	2.1	8
11	Evaluation of the Visual Stimuli on Personal Thermal Comfort Perception in Real and Virtual Environments Using Machine Learning Approaches. Sensors, 2020, 20, 1627.	2.1	21
12	A Machine Learning approach for personal thermal comfort perception evaluation: experimental campaign under real and virtual scenarios. E3S Web of Conferences, 2020, 197, 04001.	0.2	0
13	The Influence of Technology Performance Durability in the Cost-Optimal Analysis of a ZEB. IOP Conference Series: Earth and Environmental Science, 2019, 290, 012041.	0.2	1
14	I-ZEB: Design and Development of a ZEB Test-Laboratory for an Integrated Evaluation of Building Technologies. IOP Conference Series: Earth and Environmental Science, 2019, 290, 012092.	0.2	0
15	A review of performance of zero energy buildings and energy efficiency solutions. Journal of Building Engineering, 2019, 25, 100772.	1.6	204
16	Design and testing of I-ZEB, a zero energy laboratory for the integrated evaluation of the performance of building components and HVAC systems. IOP Conference Series: Materials Science and Engineering, 2019, 609, 062020.	0.3	0
17	Application of IoT and Machine Learning techniques for the assessment of thermal comfort perception.. Energy Procedia, 2018, 148, 798-805.	1.8	25
18	Durability of technologies in the keeping of ZEBâ€™s performances. Energy Procedia, 2018, 148, 138-145.	1.8	7

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19	How to Define the Urban Comfort in the Era of Smart Cities through the Use of the Do-It-Yourself Approach and New Pervasive Technologies. Proceedings (mdpi), 2018, 2, 115.	0.2	0
20	Integrated Method for Personal Thermal Comfort Assessment and Optimization through Usersâ€™ Feedback, IoT and Machine Learning: A Case Study â€. Sensors, 2018, 18, 1602.	2.1	71
21	Analysis and definition of a ZEB building at optimum level of efficiency and costs. Modelling, Measurement and Control C: Energetics, Chemistry, Earth, Environmental and Biomedical Problems, 2018, 79, 119-126.	0.1	1
22	Application of model predictive control for the optimization of thermo-hygrometric comfort and energy consumption of buildings. Instrumentation Mesure Metrologie, 2018, 18, 375-391.	0.2	3
23	Simplified tool for the energy performance assessment of residential buildings. Modelling, Measurement and Control B: Solid and Fluid Mechanics and Thermics, Mechanical Systems, 2018, 87, 122-128.	0.4	0
24	Nano-PCMs for enhanced energy storage and passive cooling applications. Applied Thermal Engineering, 2017, 110, 584-589.	3.0	199
25	Estimation of building energy performance for local energy policy at urban scale. Energy Procedia, 2017, 122, 98-103.	1.8	15
26	Integrated smart system for energy audit: methodology and application. Energy Procedia, 2017, 140, 231-239.	1.8	11
27	How to control the Indoor Environmental Quality through the use of the Do-It-Yourself approach and new pervasive technologies. Energy Procedia, 2017, 140, 351-360.	1.8	13
28	A Low-Cost Environmental Monitoring System: How to Prevent Systematic Errors in the Design Phase through the Combined Use of Additive Manufacturing and Thermographic Techniques. Sensors, 2017, 17, 828.	2.1	37
29	Design and Development of a Nearable Wireless System to Control Indoor Air Quality and Indoor Lighting Quality. Sensors, 2017, 17, 1021.	2.1	66
30	A Low-Cost Environmental Monitoring System: How to Prevent Systematic Errors in the Design Phase through the Combined Use of Additive Manufacturing and Thermographic Techniques. Proceedings (mdpi), 2017, 1, 18.	0.2	1
31	An Integrated Framework for Usersâ€™ Well-Being. Proceedings (mdpi), 2017, 2, .	0.2	2
32	Hourly Calculation Method of Air Source Heat Pump Behavior. Buildings, 2016, 6, 16.	1.4	19
33	Assessment of the Performance of a Ventilated Window Coupled with a Heat Recovery Unit through the Co-Heating Test. Buildings, 2016, 6, 3.	1.4	11
34	An Open Source â€œSmart Lampâ€•for the Optimization of Plant Systems and Thermal Comfort of Offices. Sensors, 2016, 16, 338.	2.1	30
35	A Simplified Thermal Model to Control the Energy Fluxes and to Improve the Performance of Buildings. Energy Procedia, 2016, 101, 97-104.	1.8	30
36	Integration of a do it yourself Hardware in a Lighting Device for the Management of Thermal Comfort and Energy Use. Energy Procedia, 2016, 101, 161-168.	1.8	10

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37	Energy performance assessment with empirical methods: application of energy signature. Opto-electronics Review, 2015, 23, .	2.4	19
38	An Open Source Low-Cost Wireless Control System for a Forced Circulation Solar Plant. Sensors, 2015, 15, 27990-28004.	2.1	19
39	Design and Development of nEMoS, an All-in-One, Low-Cost, Web-Connected and 3D-Printed Device for Environmental Analysis. Sensors, 2015, 15, 13012-13027.	2.1	53
40	A Semantic Framework for Sustainable Factories. Procedia CIRP, 2014, 17, 547-552.	1.0	15
41	Method for the prediction of malfunctions of buildings through real energy consumption analysis: Holistic and multidisciplinary approach of Energy Signature. Energy and Buildings, 2012, 55, 715-720.	3.1	43
42	Energy efficiency of a dynamic glazing system. Solar Energy, 2010, 84, 526-537.	2.9	26
43	Energy and environmental analysis of urban environment: methodology and application of an integrated approach. IOP Conference Series: Materials Science and Engineering, 0, 609, 072018.	0.3	2
44	An Integrated Tool For The Energy And Seismic Diagnosis And Refurbishment Of Buildings At Urban Scale. , 0, , .		0