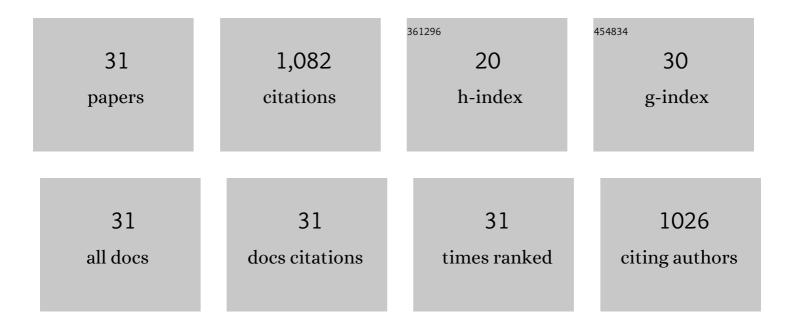
Cristina Piselli

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8069911/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Are years-long field studies about window operation efficient? a data-driven approach based on information theory and deep learning. Energy and Buildings, 2022, 268, 112197.	3.1	3
2	A Global Building Occupant Behavior Database. Scientific Data, 2022, 9, .	2.4	31
3	Zero energy concept at neighborhood level: A case study analysis. Solar Energy Advances, 2021, 1, 100002.	1.2	8
4	Assessing users' willingness-to-engagement towards Net Zero Energy communities in Italy. Renewable and Sustainable Energy Reviews, 2021, 152, 111627.	8.2	21
5	Cultural heritage microclimate change: Human-centric approach to experimentally investigate intra-urban overheating and numerically assess foreseen future scenarios impact. Science of the Total Environment, 2020, 703, 134448.	3.9	25
6	Microclimate mitigation for enhancing energy and environmental performance of Near Zero Energy Settlements in Italy. Sustainable Cities and Society, 2020, 53, 101964.	5.1	24
7	Greenery System for Cooling Down Outdoor Spaces: Results of an Experimental Study. Sustainability, 2020, 12, 5888.	1.6	12
8	Optimal control of natural ventilation as passive cooling strategy for improving the energy performance of building envelope with PCM integration. Renewable Energy, 2020, 162, 171-181.	4.3	84
9	Combined Effect of Outdoor Microclimate Boundary Conditions on Air Conditioning System's Efficiency and Building Energy Demand in Net Zero Energy Settlements. Sustainability, 2020, 12, 6056.	1.6	8
10	Human-centric green building design: the energy saving potential of occupants' behaviour enhancement in the office environment. Journal of Building Performance Simulation, 2020, 13, 621-644.	1.0	21
11	Facility Energy Management Application of HBIM for Historical Low-Carbon Communities: Design, Modelling and Operation Control of Geothermal Energy Retrofit in a Real Italian Case Study. Energies, 2020, 13, 6338.	1.6	25
12	Measurement and Verification of Zero Energy Settlements: Lessons Learned from Four Pilot Cases in Europe. Sustainability, 2020, 12, 9783.	1.6	6
13	A review of select human-building interfaces and their relationship to human behavior, energy use and occupant comfort. Building and Environment, 2020, 178, 106920.	3.0	79
14	An Integrated HBIM Simulation Approach for Energy Retrofit of Historical Buildings Implemented in a Case Study of a Medieval Fortress in Italy. Energies, 2020, 13, 2601.	1.6	38
15	Review of multiâ€domain approaches to indoor environmental perception and behaviour. Building and Environment, 2020, 176, 106804.	3.0	127
16	Cool Roof Impact on Building Energy Need: The Role of Thermal Insulation with Varying Climate Conditions. Energies, 2019, 12, 3354.	1.6	24
17	Occupant behavior long-term continuous monitoring integrated to prediction models: Impact on office building energy performance. Energy, 2019, 176, 667-681.	4.5	51
18	Thermal stress reduction in cool roof membranes using phase change materials (PCM). Energy and Buildings, 2018, 158, 1097-1105.	3.1	57

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#	Article	IF	CITATIONS
19	Coupling artworks preservation constraints with visitors' environmental satisfaction: Results from an indoor microclimate assessment procedure in a historical museum building in central Italy. Indoor and Built Environment, 2018, 27, 846-869.	1.5	10
20	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
21	How outdoor microclimate mitigation affects building thermal-energy performance: A new design-stage method for energy saving in residential near-zero energy settlements in Italy. Renewable Energy, 2018, 127, 920-935.	4.3	63
22	Microclimate and air quality investigation in historic hilly urban areas: Experimental and numerical investigation in central Italy. Sustainable Cities and Society, 2017, 33, 27-44.	5.1	25
23	Optimization of roof solar reflectance under different climate conditions, occupancy, building configuration and energy systems. Energy and Buildings, 2017, 151, 81-97.	3.1	29
24	Thermal comfort in the historical urban canyon: the effect of innovative materials. Energy Procedia, 2017, 134, 151-160.	1.8	14
25	Investigating the Dynamic Thermal Behavior of Building Envelope in Summer Conditions By Means of in-Field Continuous Monitoring. American Journal of Engineering and Applied Sciences, 2016, 9, 505-519.	0.3	3
26	How peers' personal attitudes affect indoor microclimate and energy need in an institutional building: Results from a continuous monitoring campaign in summer and winter conditions. Energy and Buildings, 2016, 126, 485-497.	3.1	41
27	Combined Thermal Effect of Cool Roof and Cool Façade on a Prototype Building. Energy Procedia, 2015, 78, 1556-1561.	1.8	16
28	Outdoor Thermal and Visual Perception of Natural Cool Materials for Roof and Urban Paving. Procedia Engineering, 2015, 118, 1325-1332.	1.2	22
29	Thermal-physics and energy performance of an innovative green roof system: The Cool-Green Roof. Solar Energy, 2015, 116, 337-356.	2.9	60
30	Influence of human behavior on cool roof effect for summer cooling. Building and Environment, 2015, 88, 116-128.	3.0	55
31	Traditional and Innovative Materials for Energy Efficiency in Buildings. Key Engineering Materials, 0, 678, 14-34.	0.4	19