

# Francesca Cappelletti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8214120/publications.pdf>

Version: 2024-02-01

28  
papers

1,104  
citations

516561

16  
h-index

552653

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objectives optimization of Energy Efficiency Measures in existing buildings. Energy and Buildings, 2015, 95, 57-69.	3.1	161
2	Analysis and modelling of window and glazing systems energy performance for a well insulated residential building. Energy and Buildings, 2011, 43, 1030-1037.	3.1	152
3	Combined effects of environmental factors on human perception and objective performance: A review of experimental laboratory works. Indoor Air, 2018, 28, 525-538.	2.0	123
4	Internal Versus External Shading Devices Performance in Office Buildings. Energy Procedia, 2014, 45, 463-472.	1.8	65
5	Energy audit of schools by means of cluster analysis. Energy and Buildings, 2015, 95, 160-171.	3.1	62
6	Analysis of the influence of installation thermal bridges on windows performance: The case of clay block walls. Energy and Buildings, 2011, 43, 1435-1442.	3.1	50
7	Passive performance of glazed components in heating and cooling of an open-space office under controlled indoor thermal comfort. Building and Environment, 2014, 72, 131-144.	3.0	49
8	Retrofit of an Historical Building toward NZEB. Energy Procedia, 2015, 78, 1359-1364.	1.8	47
9	Real-Time Monitoring of Occupants' Thermal Comfort through Infrared Imaging: A Preliminary Study. Buildings, 2017, 7, 10.	1.4	46
10	Comfort metrics for an integrated evaluation of buildings performance. Energy and Buildings, 2016, 127, 411-424.	3.1	43
11	On the effect of material uncertainties in envelope heat transfer simulations. Energy and Buildings, 2014, 71, 53-60.	3.1	40
12	Optimization Tools for Building Energy Model Calibration. Energy Procedia, 2017, 111, 1060-1069.	1.8	35
13	Comfort and energy performance analysis of different glazing systems coupled with three shading control strategies. Science and Technology for the Built Environment, 2018, 24, 545-558.	0.8	35
14	The Scrovegni Chapel: The results of over 20 years of indoor climate monitoring. Energy and Buildings, 2015, 95, 144-152.	3.1	29
15	Using listening effort assessment in the acoustical design of rooms for speech. Building and Environment, 2018, 136, 38-53.	3.0	29
16	A stepwise approach integrating feature selection, regression techniques and cluster analysis to identify primary retrofit interventions on large stocks of buildings. Sustainable Cities and Society, 2019, 47, 101438.	5.1	24
17	Speech intelligibility and listening effort in university classrooms for native and non-native Italian listeners. Building Acoustics, 2019, 26, 275-291.	1.1	17
18	Multi-objective optimization for existing buildings retrofitting under government subsidization. Science and Technology for the Built Environment, 2015, 21, 847-861.	0.8	15

#	ARTICLE	IF	CITATIONS
19	Impact of Reference Years on the Outcome of Multi-Objective Optimization for Building Energy Refurbishment. <i>Energies</i> , 2017, 10, 1925.	1.6	15
20	Dynamic Commercial Façades versus Traditional Construction: Energy Performance and Comparative Analysis. <i>Journal of Energy Engineering - ASCE</i> , 2015, 141, .	1.0	14
21	Including the effect of solar radiation in dynamic indoor thermal comfort indices. <i>Renewable Energy</i> , 2021, 165, 151-161.	4.3	14
22	Building Renovation: Which Kind of Guidelines could be Proposed for Policy Makers and Professional Owners?. <i>Energy Procedia</i> , 2015, 78, 2366-2371.	1.8	12
23	Challenges in the application of a WRF/Urban-TRNSYS model chain for estimating the cooling demand of buildings: A case study in Bolzano (Italy). <i>Science and Technology for the Built Environment</i> , 2018, 24, 529-544.	0.8	11
24	Assessment of the IEQ in Two High Schools by Means of Monitoring, Surveys and Dynamic Simulation. <i>Energy Procedia</i> , 2015, 82, 519-525.	1.8	8
25	Analysis of subjective responses for the evaluation of the indoor environmental quality of an educational building. <i>Science and Technology for the Built Environment</i> , 2020, 26, 195-209.	0.8	5
26	Development of algorithms for building retrofit. , 2016, , 349-373.		1
27	Building simulation 2019: 16th IBPSA international conference and exhibition. <i>Science and Technology for the Built Environment</i> , 2021, 27, 1017-1017.	0.8	1
28	Optimization-based calibration of a school building based on short-term monitoring data. , 2014, , 259-264.		1