

# Francesca Cappelletti

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

839  
citations

15  
h-index

28  
g-index

29  
ext. papers

959  
ext. citations

4.4  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
27	Including the effect of solar radiation in dynamic indoor thermal comfort indices. <i>Renewable Energy</i> , <b>2021</b> , 165, 151-161	8.1	5
26	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> , <b>2020</b> , 26, 195-209	1.8	4
25	A stepwise approach integrating feature selection, regression techniques and cluster analysis to identify primary retrofit interventions on large stocks of buildings. <i>Sustainable Cities and Society</i> , <b>2019</b> , 47, 101438	10.1	15
24	Speech intelligibility and listening effort in university classrooms for native and non-native Italian listeners. <i>Building Acoustics</i> , <b>2019</b> , 26, 275-291	1	6
23	Combined effects of environmental factors on human perception and objective performance: A review of experimental laboratory works. <i>Indoor Air</i> , <b>2018</b> , 28, 525-538	5.4	80
22	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> , <b>2018</b> , 24, 529-544	1.8	10
21	Comfort and energy performance analysis of different glazing systems coupled with three shading control strategies. <i>Science and Technology for the Built Environment</i> , <b>2018</b> , 24, 545-558	1.8	20
20	Using listening effort assessment in the acoustical design of rooms for speech. <i>Building and Environment</i> , <b>2018</b> , 136, 38-53	6.5	16
19	Optimization Tools for Building Energy Model Calibration. <i>Energy Procedia</i> , <b>2017</b> , 111, 1060-1069	2.3	24
18	Real-Time Monitoring of Occupants' Thermal Comfort through Infrared Imaging: A Preliminary Study. <i>Buildings</i> , <b>2017</b> , 7, 10	3.2	24
17	Impact of Reference Years on the Outcome of Multi-Objective Optimization for Building Energy Refurbishment. <i>Energies</i> , <b>2017</b> , 10, 1925	3.1	12
16	Comfort metrics for an integrated evaluation of buildings performance. <i>Energy and Buildings</i> , <b>2016</b> , 127, 411-424	7	34
15	Development of algorithms for building retrofit <b>2016</b> , 349-373		0
14	The Scrovegni Chapel: The results of over 20 years of indoor climate monitoring. <i>Energy and Buildings</i> , <b>2015</b> , 95, 144-152	7	24
13	Multi-objective optimization for existing buildings retrofitting under government subsidization. <i>Science and Technology for the Built Environment</i> , <b>2015</b> , 21, 847-861	1.8	12
12	Dynamic Commercial Façades versus Traditional Construction: Energy Performance and Comparative Analysis. <i>Journal of Energy Engineering - ASCE</i> , <b>2015</b> , 141, 04014041	1.7	11
11	Multi-objectives optimization of Energy Efficiency Measures in existing buildings. <i>Energy and Buildings</i> , <b>2015</b> , 95, 57-69	7	130

10	Retrofit of an Historical Building toward NZEB. <i>Energy Procedia</i> , <b>2015</b> , 78, 1359-1364	2.3	39
9	Building Renovation: Which Kind of Guidelines could be Proposed for Policy Makers and Professional Owners?. <i>Energy Procedia</i> , <b>2015</b> , 78, 2366-2371	2.3	12
8	Energy audit of schools by means of cluster analysis. <i>Energy and Buildings</i> , <b>2015</b> , 95, 160-171	7	50
7	Assessment of the IEQ in Two High Schools by Means of Monitoring, Surveys and Dynamic Simulation. <i>Energy Procedia</i> , <b>2015</b> , 82, 519-525	2.3	8
6	On the effect of material uncertainties in envelope heat transfer simulations. <i>Energy and Buildings</i> , <b>2014</b> , 71, 53-60	7	33
5	Passive performance of glazed components in heating and cooling of an open-space office under controlled indoor thermal comfort. <i>Building and Environment</i> , <b>2014</b> , 72, 131-144	6.5	44
4	Internal Versus External Shading Devices Performance in Office Buildings. <i>Energy Procedia</i> , <b>2014</b> , 45, 463-472	2.3	49
3	Optimization-based calibration of a school building based on short-term monitoring data <b>2014</b> , 259-264		1
2	Analysis and modelling of window and glazing systems energy performance for a well insulated residential building. <i>Energy and Buildings</i> , <b>2011</b> , 43, 1030-1037	7	135
1	Analysis of the influence of installation thermal bridges on windows performance: The case of clay block walls. <i>Energy and Buildings</i> , <b>2011</b> , 43, 1435-1442	7	41