Francesca Cappelletti

List of Publications by Citations

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	Analysis and modelling of window and glazing systems energy performance for a well insulated residential building. *Energy and Buildings*, **2011**, 43, 1030-1037	7	135
26	Multi-objectives optimization of Energy Efficiency Measures in existing buildings. *Energy and Buildings*, **2015**, 95, 57-69	7	130
25	Combined effects of environmental factors on human perception and objective performance: A review of experimental laboratory works. *Indoor Air*, **2018**, 28, 525-538	5.4	80
24	Energy audit of schools by means of cluster analysis. *Energy and Buildings*, **2015**, 95, 160-171	7	50
23	Internal Versus External Shading Devices Performance in Office Buildings. *Energy Procedia*, **2014**, 45, 463-472	2.3	49
22	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	6.5	44
21	Analysis of the influence of installation thermal bridges on windows performance: The case of clay block walls. *Energy and Buildings*, **2011**, 43, 1435-1442	7	41
20	Retrofit of an Historical Building toward NZEB. *Energy Procedia*, **2015**, 78, 1359-1364	2.3	39
19	Comfort metrics for an integrated evaluation of buildings performance. *Energy and Buildings*, **2016**, 127, 411-424	7	34
18	On the effect of material uncertainties in envelope heat transfer simulations. *Energy and Buildings*, **2014**, 71, 53-60	7	33
17	Optimization Tools for Building Energy Model Calibration. *Energy Procedia*, **2017**, 111, 1060-1069	2.3	24
16	The Scrovegni Chapel: The results of over 20 years of indoor climate monitoring. *Energy and Buildings*, **2015**, 95, 144-152	7	24
15	Real-Time Monitoring of Occupants□Thermal Comfort through Infrared Imaging: A Preliminary Study. *Buildings*, **2017**, 7, 10	3.2	24
14	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	1.8	20
13	Using listening effort assessment in the acoustical design of rooms for speech. *Building and Environment*, **2018**, 136, 38-53	6.5	16
12	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	10.1	15
11	Multi-objective optimization for existing buildings retrofitting under government subsidization. *Science and Technology for the Built Environment*, **2015**, 21, 847-861	1.8	12

10	Impact of Reference Years on the Outcome of Multi-Objective Optimization for Building Energy Refurbishment. *Energies*, **2017**, 10, 1925	3.1	12
9	Building Renovation: Which Kind of Guidelines could be Proposed for Policy Makers and Professional Owners?. *Energy Procedia*, **2015**, 78, 2366-2371	2.3	12
8	Dynamic Commercial Fa□ades versus Traditional Construction: Energy Performance and Comparative Analysis. *Journal of Energy Engineering - ASCE*, **2015**, 141, 04014041	1.7	11
7	Challenges in the application of a WRF/Urban-TRNSYS model chain for estimating the cooling demand of buildings: A case study in Bolzano (Italy). *Science and Technology for the Built Environment*, **2018**, 24, 529-544	1.8	10
6	Assessment of the IEQ in Two High Schools by Means of Monitoring, Surveys and Dynamic Simulation. *Energy Procedia*, **2015**, 82, 519-525	2.3	8
5	Speech intelligibility and listening effort in university classrooms for native and non-native Italian listeners. *Building Acoustics*, **2019**, 26, 275-291	1	6
4	Including the effect of solar radiation in dynamic indoor thermal comfort indices. *Renewable Energy* , **2021**, 165, 151-161	8.1	5
3	Analysis of subjective responses for the evaluation of the indoor environmental quality of an educational building. *Science and Technology for the Built Environment*, **2020**, 26, 195-209	1.8	4
2	Optimization-based calibration of a school building based on short-term monitoring data **2014**, 259-264		1
1	Development of algorithms for□building retrofit **2016**, 349-373		0