Francesca Fragliasso

List of Publications by Citations

22 papers	349 citations	12 h-index	18 g-index
24 ext. papers	417 ext. citations	5.4 avg, IF	4.39 L-index

#	Paper	IF	Citations
22	Why are daylight-linked controls (DLCs) not so spread? A literature review. *Building and Environment*, **2016**, 106, 301-312	6.5	47
21	The role of weather data files in Climate-based Daylight Modeling. *Solar Energy*, **2015**, 112, 169-182	6.8	33
20	Daylit offices: A comparison between measured parameters assessing light quality and users' opinions. *Building and Environment*, **2017**, 113, 92-106	6.5	33
19	The impact of the software's choice on dynamic daylight simulations' results: A comparison between Daysim and 3ds Max Design® . *Solar Energy*, **2015**, 122, 249-263	6.8	25
18	Indoor lighting quality: Effects of different wall colours. *Lighting Research and Technology*, **2017**, 49, 33-48	4	22
17	Automated daylight-linked control systems performance with illuminance sensors for side-lit offices in the Mediterranean area. *Automation in Construction*, **2019**, 100, 145-162	9.6	20
16	On the interaction between lighting and thermal comfort: An integrated approach to IEQ. *Energy and Buildings*, **2021**, 231, 110570	7	19
15	Dynamic daylight simulations: Impact of weather files' choice. *Solar Energy*, **2015**, 117, 224-235	6.8	17
14	Lighting Control Systems: Factors Affecting Energy Savings' Evaluation. *Energy Procedia*, **2015**, 78, 2645-2650	2.3	17
13	New parameters to evaluate the capability of a daylight-linked control system in complementing daylight. *Building and Environment*, **2017**, 123, 223-242	6.5	16
12	Methods to Evaluate Lighting Quality in Educational Environments. *Energy Procedia*, **2015**, 78, 3138-3143	2.3	14
11	Impact of daylight saving time on lighting energy consumption and on the biological clock for occupants in office buildings. *Solar Energy*, **2020**, 211, 1347-1364	6.8	14
10	Evaluating performance of daylight-linked building controls during preliminary design. *Automation in Construction*, **2018**, 93, 293-314	9.6	11
9	Assessing the lighting systems flexibility for reducing and managing the power peaks in smart grids. *Applied Energy*, **2020**, 268, 114924	10.7	10
8	Evaluation of Daylight Availability for Energy Savings. *Journal of Daylighting*, **2015**, 2, 12-20	1.6	10
7	Matching CIE illuminants to measured spectral power distributions: A method to evaluate non-visual potential of daylight in two European cities. *Solar Energy*, **2020**, 208, 830-858	6.8	10
6	Daylight fluctuations effect on the functioning of different daylight-linked control systems. *Building and Environment*, **2018**, 135, 162-193	6.5	9

5	Good Places to Live and Sleep Well: A Literature Review About the Role of Architecture in Determining Non-Visual Effects of Light. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	8
4	Ancient Romans and daylighting: the case of Villa of the mysteries in Pompeii. *Journal of Cultural Heritage*, **2020**, 43, 204-218	2.9	5
3	Effects of light source spectrum and background colour on the perception of paintings. *Lighting Research and Technology*, **2020**, 52, 36-63	2	4
2	Hue-Heat Hypothesis: A Step forward for a Holistic Approach to IEQ. *E3S Web of Conferences*, **2019**, 111, 02038	0.5	3
1	Virtual reality for assessing visual quality and lighting perception: A systematic review. *Building and Environment*, **2022**, 209, 108674	6.5	2