

Francesca Fragliasso

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

526
citations

516215

16
h-index

676716

22
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24
all docs

24
docs citations

24
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Why are daylight-linked controls (DLCs) not so spread? A literature review. <i>Building and Environment</i> , 2016, 106, 301-312.	3.0	60
2	Daylit offices: A comparison between measured parameters assessing light quality and users' opinions. <i>Building and Environment</i> , 2017, 113, 92-106.	3.0	47
3	The role of weather data files in Climate-based Daylight Modeling. <i>Solar Energy</i> , 2015, 112, 169-182.	2.9	41
4	On the interaction between lighting and thermal comfort: An integrated approach to IEQ. <i>Energy and Buildings</i> , 2021, 231, 110570.	3.1	37
5	Virtual reality for assessing visual quality and lighting perception: A systematic review. <i>Building and Environment</i> , 2022, 209, 108674.	3.0	35
6	Indoor lighting quality: Effects of different wall colours. <i>Lighting Research and Technology</i> , 2017, 49, 33-48.	1.2	29
7	Automated daylight-linked control systems performance with illuminance sensors for side-lit offices in the Mediterranean area. <i>Automation in Construction</i> , 2019, 100, 145-162.	4.8	28
8	Impact of daylight saving time on lighting energy consumption and on the biological clock for occupants in office buildings. <i>Solar Energy</i> , 2020, 211, 1347-1364.	2.9	27
9	The impact of the software's choice on dynamic daylight simulations' results: A comparison between Daysim and 3ds Max Design®. <i>Solar Energy</i> , 2015, 122, 249-263.	2.9	26
10	New parameters to evaluate the capability of a daylight-linked control system in complementing daylight. <i>Building and Environment</i> , 2017, 123, 223-242.	3.0	25
11	Matching CIE illuminants to measured spectral power distributions: A method to evaluate non-visual potential of daylight in two European cities. <i>Solar Energy</i> , 2020, 208, 830-858.	2.9	23
12	Lighting Control Systems: Factors Affecting Energy Savings' Evaluation. <i>Energy Procedia</i> , 2015, 78, 2645-2650.	1.8	19
13	Dynamic daylight simulations: Impact of weather file's choice. <i>Solar Energy</i> , 2015, 117, 224-235.	2.9	19
14	Methods to Evaluate Lighting Quality in Educational Environments. <i>Energy Procedia</i> , 2015, 78, 3138-3143.	1.8	18
15	Assessing the lighting systems flexibility for reducing and managing the power peaks in smart grids. <i>Applied Energy</i> , 2020, 268, 114924.	5.1	18
16	Good Places to Live and Sleep Well: A Literature Review about the Role of Architecture in Determining Non-Visual Effects of Light. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1002.	1.2	18
17	Evaluating performance of daylight-linked building controls during preliminary design. <i>Automation in Construction</i> , 2018, 93, 293-314.	4.8	15
18	Evaluation of Daylight Availability for Energy Savings. <i>Journal of Daylighting</i> , 2015, 2, 12-20.	0.5	15

#	ARTICLE	IF	CITATIONS
19	Daylight fluctuations effect on the functioning of different daylight-linked control systems. Building and Environment, 2018, 135, 162-193.	3.0	14
20	Ancient Romans and daylighting: the case of Villa of the mysteries in Pompeii. Journal of Cultural Heritage, 2020, 43, 204-218.	1.5	5
21	Effects of light source spectrum and background colour on the perception of paintings. Lighting Research and Technology, 2020, 52, 36-63.	1.2	4
22	Hue-Heat Hypothesis: A Step forward for a Holistic Approach to IEQ. E3S Web of Conferences, 2019, 111, 02038.	0.2	3
23	Dynamic Lighting Strategies with Load Modulation Purposes to Reduce Peak Electrical Demand. , 2018, , .		0
24	Development of a Climate-Based Multicriteria Approach to support the Choice of Shading Devices to Achieve a Well Daylit Space: the case study of University Classrooms. , 2020, , .		0