

Francesco Leccese

List of Publications by Citations

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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.

51
papers

694
citations

16
h-index

24
g-index

64
ext. papers

903
ext. citations

3.6
avg, IF

4.71
L-index

#	Paper	IF	Citations
51	Ventilated facades energy performance in summer cooling of buildings. <i>Solar Energy</i> , 2003 , 75, 491-502	6.8	114
50	Energy analysis of ventilated and microventilated roofs. <i>Solar Energy</i> , 2005 , 79, 183-192	6.8	46
49	A method to assess lighting quality in educational rooms using analytic hierarchy process. <i>Building and Environment</i> , 2020 , 168, 106501	6.5	37
48	Passive thermal behaviour of buildings: Performance of external multi-layered walls and influence of internal walls. <i>Applied Energy</i> , 2018 , 225, 1078-1089	10.7	34
47	On the impact of safety requirements, energy prices and investment costs in street lighting refurbishment design. <i>Energy</i> , 2018 , 165, 739-759	7.9	32
46	Measurement of CO2 concentration for occupancy estimation in educational buildings with energy efficiency purposes. <i>Journal of Building Engineering</i> , 2020 , 32, 101714	5.2	26
45	The Energy Audit Activity Focused on the Lighting Systems in Historical Buildings. <i>Energies</i> , 2016 , 9, 998	3.1	24
44	Critical analysis of the energy performance indicators for road lighting systems in historical towns of central Italy. <i>Energy</i> , 2017 , 138, 616-628	7.9	23
43	Impact of Illumination Correlated Color Temperature, Background Lightness, and Painting Color Content on Color Appearance and Appreciation of Paintings. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2020 , 16, 25-44	3.5	22
42	Visual ergonomics of video-display-terminal workstations: Field measurements of luminance for various display settings. <i>Displays</i> , 2016 , 42, 9-18	3.4	20
41	Optimal theoretical building form to minimize direct solar irradiation. <i>Solar Energy</i> , 2013 , 97, 128-137	6.8	20
40	Blue Light Hazard and Risk Group Classification of 8 W LED Tubes, Replacing Fluorescent Tubes, through Optical Radiation Measurements. <i>Sustainability</i> , 2015 , 7, 13454-13468	3.6	19
39	Towards a holistic approach to indoor environmental quality assessment: Weighting schemes to combine effects of multiple environmental factors. <i>Energy and Buildings</i> , 2021 , 245, 111056	7	18
38	Visual discomfort among university students who use CAD workstations. <i>Work</i> , 2016 , 55, 171-180	1.6	17
37	Lighting assessment of ergonomic workstation for radio diagnostic reporting. <i>International Journal of Industrial Ergonomics</i> , 2017 , 57, 42-54	2.9	16
36	Fast estimation of Speech Transmission Index using the Reverberation Time: Comparison between predictive equations for educational rooms of different sizes. <i>Applied Acoustics</i> , 2018 , 140, 143-149	3.1	16
35	Thermal analysis of the building envelope of lightweight temporary housing. <i>Journal of Physics: Conference Series</i> , 2014 , 547, 012011	0.3	15

34	Analysis and Measurements of Artificial Optical Radiation (AOR) Emitted by Lighting Sources Found in Offices. <i>Sustainability</i> , 2014 , 6, 5941-5954	3.6	15
33	On the optimization of building envelope thermal performance. <i>Civil Engineering and Environmental Systems</i> , 2003 , 20, 231-254	2.1	13
32	LED Lighting for Indoor Sports Facilities: Can Its Use Be Considered as Sustainable Solution from a Techno-Economic Standpoint?. <i>Sustainability</i> , 2016 , 8, 618	3.6	13
31	Multi-layered walls design to optimize building-plant interaction. <i>International Journal of Thermal Sciences</i> , 2004 , 43, 417-429	4.1	12
30	Energy demand analysis and energy labelling of new residential buildings in Tuscany (Italy) 2009 ,		11
29	Lighting of indoor work places: risk assessment procedure 2012 ,		11
28	Ventilated flat roofs: A simplified model to assess their hygrothermal behaviour. <i>Journal of Building Engineering</i> , 2019 , 22, 12-21	5.2	10
27	Advancement on Thermal Comfort in Educational Buildings: Current Issues and Way Forward. <i>Sustainability</i> , 2021 , 13, 10315	3.6	10
26	Exploring the impact of external shading system on cognitive task performance, alertness and visual comfort in a daylit workplace environment. <i>Indoor and Built Environment</i> , 2020 , 29, 942-955	1.8	8
25	Study on the suitable lighting design of Beato Angelico's artworks displayed at the National Museum of San Matteo in Pisa (Italy). <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 364, 012095	0.4	8
24	Lighting and visual experience of artworks: Results of a study campaign at the National Museum of San Matteo in Pisa, Italy. <i>Journal of Cultural Heritage</i> , 2020 , 45, 254-264	2.9	7
23	Quality of Lighting in Hospital Environments: A Wide Survey Through in Situ Measurements. <i>Journal of Light and Visual Environment</i> , 2017 , 40, 52-65		7
22	Sun Exposure of Body Districts: Development and Validation of an Algorithm to Predict the Erythematous Ultra Violet Dose. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
21	Analysis of painted artworks' color appearance under various lighting settings 2017 ,		6
20	Application of climate-based daylight simulation to assess lighting conditions of space and artworks in historical buildings: the case study of cetacean gallery of the Monumental Charterhouse of Calci. <i>Journal of Cultural Heritage</i> , 2020 , 46, 193-206	2.9	6
19	On the Applicability of the Space Syntax Methodology for the Determination of Street Lighting Classes. <i>Energies</i> , 2020 , 13, 1476	3.1	5
18	Solar Decathlon ME18 competition as a "learning by doing" experience for students: The case of the team HAAB 2018 ,		5
17	An analytical model to evaluate the cocktail party effect in restaurant dining rooms: A case study. <i>Applied Acoustics</i> , 2015 , 100, 87-94	3.1	5

16	Occupancy modelling of buildings based on CO2 concentration measurements: an experimental analysis. <i>Journal of Physics: Conference Series</i> , 2019 , 1224, 012016	0.3	4
15	Use of smartphone apps to monitor human exposure to solar radiation: Comparison between predicted and measured UV index values. <i>Environmental Research</i> , 2020 , 183, 109274	7.9	4
14	Green roof: benefits analysis and development of a simplified dynamic energy model. <i>Acta Horticulturae</i> , 2018 , 81-88	0.3	4
13	Evaluation of optical radiation emissions by a measurement campaign on LED sources for general lighting 2015 ,		3
12	On the vertical illuminance in indoor sport facilities: Innovative measurement procedure to verify international standard requirements in fencing halls 2017 ,		3
11	Space Syntax Analysis Applied to Urban Street Lighting: Relations between Spatial Properties and Lighting Levels. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3331	2.6	3
10	Analysis of the relationship between daylight illuminance and cognitive, affective and physiological changes in visual display terminal workers. <i>Building Services Engineering Research and Technology</i> , 2020 , 41, 167-182	2.3	3
9	Opportunities for energy savings with interventions on the lighting systems of historical buildings: The case of Palazzo Medici in Pisa, Italy 2016 ,		2
8	Assessing museums' daylighting adequacy without annual measurement campaign: Dataset of a confrontation between measured and simulated illuminance values inside the Cetacean Gallery of the Charterhouse of Calci. <i>Data in Brief</i> , 2020 , 32, 106065	1.2	2
7	Acoustic comfort requirements and classifications: Buildings vs. yachts. <i>Ocean Engineering</i> , 2022 , 255, 111374	3.9	2
6	Effect of Exercise on Athletes Performing in Fencing Uniforms: Methodology and Preliminary Results of the Use of Infrared Thermography to Detect the Thermal Behaviour of Fencers. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3296	2.6	1
5	Health and Well-being in Indoor Work Environments: Features of an Expert Assessment Campaign in an Italian University Hospital 2020 ,		1
4	The bowed string instruments: acoustic characterization of unique pieces from the Italian lutherie. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 364, 012022	0.4	1
3	Outdoor Workers Exposed to UV Radiation: Comparison of UV Index Forecasting Methods 2018 ,		1
2	Monitoring CO2 concentration to control the infection probability due to airborne transmission in naturally ventilated university classrooms. <i>Architectural Science Review</i> , 1-13	2.6	1
1	Laptop displays performance: Compliance assessment with visual ergonomics requirements. <i>Displays</i> , 2021 , 68, 102019	3.4	0