Anna Pellegrino

List of Publications by Year in Descending Order

28 papers	339 citations	13 h-index	17 g-index
32 ext. papers	428 ext. citations	4 avg, IF	3.81 L-index

#	Paper	IF	Citations
28	On the improvement of indoor environmental quality, energy performance and costs for a commercial nearly zero-energy building. *Science and Technology for the Built Environment*, **2021**, 27, 1056-1074	1.8	1
27	Building performance of thermochromic glazing **2021**, 401-437		
26	Renovation of Public Lighting Systems in Cultural Landscapes: Lighting and Energy Performance and Their Impact on Nightscapes. *Energies*, **2021**, 14, 509	3.1	8
25	GLANCE (GLare ANnual Classes Evaluation): An approach for a simplified spatial glare evaluation. *Building and Environment*, **2020**, 186, 107375	6.5	9
24	Cultural landscape: Towards the design of a nocturnal lightscape. *Journal of Cultural Heritage*, **2020**, 42, 181-190	2.9	6
23	The Effect of Soundscapes and Lightscapes on the Perception of Safety and Social Presence Analyzed in a Laboratory Experiment. *Sustainability*, **2019**, 11, 3000	3.6	10
22	Transformation of an Office Building into a Nearly Zero Energy Building (nZEB): Implications for Thermal and Visual Comfort and Energy Performance. *Energies*, **2019**, 12, 895	3.1	29
21	Thermochromic glazing performance: From component experimental characterisation to whole building performance evaluation. *Applied Energy*, **2019**, 251, 113335	10.7	24
20	Energy Saving Generated Through Automatic Lighting Control Systems According to the Estimation Method of the Standard EN 15193-1. *Journal of Daylighting*, **2019**, 6, 131-147	1.6	10
19	A Simplified Approach for the Annual and Spatial Evaluation of the Comfort Classes of Daylight Glare Using Vertical Illuminances. *Buildings*, **2018**, 8, 171	3.2	14
18	Integration of Thermal and Visual Comfort in the Retrofit of Existing Buildings **2018**,		2
17	Increase Sustainability in Buildings Through Public Procurements: The PROLITE project for Lighting Retrofit in Schools. *Energy Procedia*, **2017**, 111, 328-337	2.3	8
16	Estimation of the daylight amount and the energy demand for lighting for the early design stages: Definition of a set of mathematical models. *Energy and Buildings*, **2017**, 155, 151-165	7	16
15	Impact of daylighting on total energy use in offices of varying architectural features in Italy: Results from a parametric study. *Building and Environment*, **2017**, 113, 151-162	6.5	28
14	. *IEEE Transactions on Industry Applications*, **2016**, 52, 2627-2637	4.3	37
13	The New prEN 15193-1 to Calculate the Energy Requirements for Lighting in Buildings: Comparison to the Previous Standard and Sensitivity Analysis on the New Influencing Factors. *Energy Procedia*, **2016**, 101, 232-239	2.3	2
12	The modern use of ancient theatres related to acoustic and lighting requirements: Stage design guidelines for the Greek theatre of Syracuse. *Energy and Buildings*, **2015**, 95, 106-115	7	15

List of Publications

11	Lighting control and monitoring for energy efficiency: A case study focused on the interoperability of building management systems **2015**,		3
10	Daylighting Design for Energy Saving in a Building Global Energy Simulation Context. *Energy Procedia*, **2015**, 78, 364-369	2.3	8
9	Between the Archaeological Site and the Contemporary Stage: An Example of Acoustic and Lighting Retrofit with Multifunctional Purpose in the Ancient Theatre of Syracuse. *Energy Procedia*, **2015**, 78, 913-918	2.3	4
8	Assessment of daylight in rooms with different architectural features. *Building Research and Information*, **2015**, 43, 222-237	4.3	17
7	Study on Conservation Aspects Using LED Technology for Museum Lighting. *Energy Procedia*, **2015**, 78, 1347-1352	2.3	21
6	Daylighting for Green Schools: A Resource for Indoor Quality and Energy Efficiency in Educational Environments. *Energy Procedia*, **2015**, 78, 3162-3167	2.3	14
5	A multivariate non-linear regression model to predict the energy demand for lighting in rooms with different architectural features and lighting control systems. *Energy and Buildings*, **2014**, 76, 151-163	7	17
4	Energy saving in existing buildings by an intelligent use of interoperable ICTs. *Energy Efficiency*, **2013**, 6, 707-723	3	15
3	Light transmission efficiency of daylight guidance systems: An assessment approach based on simulations and measurements in a sun/sky simulator. *Solar Energy*, **2011**, 85, 2789-2801	6.8	17
2	Re-coding environmental regulation – a new simplified metric for daylighting verification during the window and indoor space design process. *Architectural Engineering and Design Management*,1-24	1.2	2
1	A Novel Approach for the Assessment of the Nocturnal Image of the Cultural Landscape. *LEUKOS - Journal of Illuminating Engineering Society of North America*,1-23	3.5	