Valerio Roberto Maria Lo Verso

List of Publications by Year
in descending order

26 papers	389 citations	759233 12 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	450 citing authors

#	Article	IF	Citations
1	Lighting Control and Monitoring for Energy Efficiency: A Case Study Focused on the Interoperability of Building Management Systems. IEEE Transactions on Industry Applications, 2016, 52, 2627-2637.	4.9	53
2	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.	6.9	45
3	Retrofit Scenarios and Economic Sustainability. A Case-study in the Italian Context. Energy Procedia, 2017, 111, 245-255.	1.8	29
4	A Preliminary Study on Light Transmittance Properties of Translucent Concrete Panels with Coarse Waste Glass Inclusions. Energy Procedia, 2015, 78, 1811-1816.	1.8	27
5	Assessment of daylight in rooms with different architectural features. Building Research and Information, 2015, 43, 222-237.	3.9	25
6	A Novel Photo-bioreactor Application for Microalgae Production as a Shading System in Buildings. Energy Procedia, 2017, 111, 151-160.	1.8	25
7	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.	6.1	24
8	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.	6.7	19
9	Lighting and Energy Performance of an Adaptive Shading and Daylighting System for Arid Climates. Energy Procedia, 2015, 78, 370-375.	1.8	19
10	Luminous environment in healthcare buildings for user satisfaction and comfort: an objective and subjective field study. Indoor and Built Environment, 2016, 25, 809-825.	2.8	18
11	Comparative Analysis of Simplified Daylight Glare Methods and Proposal of a new Method Based on the Cylindrical Illuminance. Energy Procedia, 2015, 78, 699-704.	1.8	16
12	Daylighting as the Driving Force of the Design Process: from the Results of a Survey to the Implementation into an Advanced Daylighting Project. Journal of Daylighting, 2014, 1, 36-55.	1.2	13
13	Daylighting Design for Energy Saving in a Building Global Energy Simulation Context. Energy Procedia, 2015, 78, 364-369.	1.8	12
14	Phase Change Materials in Glazing: Implications on Light Distribution and Visual Comfort. Preliminary Results. Energy Procedia, 2017, 111, 357-366.	1.8	10
15	Livingscape: A Multi-sensory Approach to Improve the Quality of Urban Spaces. Energy Procedia, 2015, 78, 37-42.	1.8	9
16	A Novel Concept of a Responsive Transparent FaÃ§ade Module: Optimization of Energy Performance through Parametric Design. Energy Procedia, 2015, 78, 358-363.	1.8	9
17	A Comparative Analysis of the Visual Comfort Performance between a PCM Glazing and a Conventional Selective Double Glazed Unit. Sustainability, 2018, 10, 3579.	3.2	9
18	Lighting control and monitoring for energy efficiency: A case study focused on the interoperability of building management systems. , 2015, , .		6

#	Article	IF	Citations
19	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.	1.8	6
20	A study about daylighting knowledge and education in Europe. Results from the first phase of the DAYKE project. Architectural Science Review, 2021, 64, 169-181.	2.2	6
21	â€˜Re-codingâ€™ environmental regulation â€“ a new simplified metric for daylighting verification during the window and indoor space design process. Architectural Engineering and Design Management, 2022, 18, 521-544.	1.7	6
22	Light versus Energy Performance of Office Rooms with Curtain Walls: A Parametric Study. Energy Procedia, 2014, 62, 462-471.	1.8	1
23	The Energy Performance for Lighting in Buildings According to the New EN 15193-1: Potential Energy Saving due to Different Photodimming Controls. , 2018, , .		1
24	ANNUAL EVALUATION OF DAYLIGHT DISCOMFORT GLARE: STATE OF THE ART AND DESCRIPTION OF A NEW SIMPLIFIED APPROACH. , 2019, , .		1
25	Towards the factory of the future: A new concept based on optimized daylighting for comfort and energy saving. , 2015, , .		0
26	A Novel Methodology to Optimize Visual Comfort and Energy Performance for Transparent Adaptive FaÃ§ades. , 2018, , .		0