

Niko Gentile

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

336
citations

758635

12
h-index

839053

18
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29
all docs

29
docs citations

29
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Lighting control systems in individual offices rooms at high latitude: Measurements of electricity savings and occupantsâ€™ satisfaction. Solar Energy, 2016, 127, 113-123.	2.9	48
2	Retrofitting the Electric Lighting and Daylighting Systems to Reduce Energy Use in Buildings: A Literature Review. Energy Research Journal, 2015, 6, 25-41.	0.3	41
3	A field study of fluorescent and LED classroom lighting. Lighting Research and Technology, 2018, 50, 631-650.	1.2	34
4	Lighting Energy Saving with Light Pipe in Farm Animal Production. Journal of Daylighting, 2015, 2, 21-31.	0.5	20
5	Daylight Utilization with Light Pipe in Farm Animal Production: A Simulation Approach. Journal of Daylighting, 2016, 3, 1-11.	0.5	19
6	Performance Evaluation of Lighting and Daylighting Retrofits: Results from IEA SHC Task 50. Energy Procedia, 2016, 91, 926-937.	1.8	18
7	Improving lighting energy efficiency through user response. Energy and Buildings, 2022, 263, 112022.	3.1	18
8	A toolbox to evaluate non-residential lighting and daylighting retrofit in practice. Energy and Buildings, 2016, 123, 151-161.	3.1	17
9	Field data and simulations to estimate the role of standby energy use of lighting control systems in individual offices. Energy and Buildings, 2017, 155, 390-403.	3.1	15
10	Lighting Control Systems in Peripheral Offices Rooms at High Latitude: Measurements of Electricity Savings and Users Preferences. Energy Procedia, 2014, 57, 1987-1996.	1.8	14
11	Measurements of the Electrical Incidence Angle Modifiers of an Asymmetrical Photovoltaic/Thermal Compound Parabolic Concentrating-Collector. Engineering, 2013, 05, 37-43.	0.4	12
12	Evaluation of integrated daylighting and electric lighting design projects: Lessons learned from international case studies. Energy and Buildings, 2022, 268, 112191.	3.1	12
13	Solar Performance Metrics in Urban Planning: A Review and Taxonomy. Buildings, 2022, 12, 393.	1.4	11
14	Effectiveness of low-cost non-invasive solutions for daylight and electric lighting integration to improve energy efficiency in historical buildings. Energy and Buildings, 2022, 270, 112281.	3.1	11
15	Planning for solar access in Sweden: routines, metrics, and tools. Urban, Planning and Transport Research, 2021, 9, 347-367.	0.8	10
16	Daylight harvesting control systems design recommendations based on a literature review. , 2015, , .		7
17	Energy efficiency behaviour in the built environmentâ€”an assessment of current evaluation practices in the Nordic countries. Energy Efficiency, 2021, 14, 1.	1.3	6
18	Construction of a small scale laboratory for solar collectors and solar cells in a developing country. Engineering, 2013, 05, 75-80.	0.4	5

#	ARTICLE	IF	CITATIONS
19	A Method to Introduce Building Performance Simulation to Beginners. <i>Energies</i> , 2020, 13, 1941.	1.6	4
20	Construction of Laboratories for Solar Energy Research in Developing Countries. <i>Energy Procedia</i> , 2014, 57, 982-988.	1.8	3
21	Monitoring Protocol to Assess the Overall Performance of Lighting and Daylighting Retrofit Projects. <i>Energy Procedia</i> , 2015, 78, 2681-2686.	1.8	3
22	Model for measuring light stability of photolabile substances in powder beds using spray dried bixin microcapsules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127131.	2.3	3
23	ENERGY SAVING POTENTIAL FOR INTEGRATED DAYLIGHTING AND ELECTRIC LIGHTING DESIGN VIA USER-DRIVEN SOLUTIONS: A LITERATURE REVIEW. , 2019, , .		2
24	Learning lighting models for optimal control of lighting system via experimental and numerical approach. <i>Science and Technology for the Built Environment</i> , 2021, 27, 1018-1030.	0.8	1
25	Low-cost smart solutions for daylight and electric lighting integration in historical buildings. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012157.	0.3	1
26	A Case Study Addressing the Benefits of Integrated Solutions for Daylighting and Electric Lighting in the Retail Sector. , 2019, , .		0
27	Evaluating Studentsâ€™™ Expectations and Experiences Regarding a Swedish-Bhutanese Teaching Exchange. , 2019, , .		0
28	IEA SHC Task 61 / EBC Annex 77 Integrated Solutions for Daylighting and Electric Lighting / Subtask D: Lab and Field Study Performance Tracking. , 2019, , .		0