Niko Gentile

List of Publications by Year in Descending Order

23 papers	173 citations	8 h-index	12 g-index
29 ext. papers	241 ext. citations	3.2 avg, IF	3.08 L-index

#	Paper	IF	Citations
23	Improving lighting energy efficiency through user response. *Energy and Buildings*, **2022**, 263, 112022	7	3
22	Solar Performance Metrics in Urban Planning: A Review and Taxonomy. *Buildings*, **2022**, 12, 393	3.2	1
21	Evaluation of integrated daylighting and electric lighting design projects: Lessons learned from international case studies. *Energy and Buildings*, **2022**, 268, 112191	7	0
20	Low-cost smart solutions for daylight and electric lighting integration in historical buildings. *Journal of Physics: Conference Series*, **2021**, 2069, 012157	0.3	1
19	Planning for solar access in Sweden: routines, metrics, and tools. *Urban, Planning and Transport Research*, **2021**, 9, 348-368	1.7	2
18	Energy efficiency behaviour in the built environment an assessment of current evaluation practices in the Nordic countries. *Energy Efficiency*, **2021**, 14, 1	3	0
17	Model for measuring light stability of photolabile substances in powder beds using spray dried bixin microcapsules. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 627, 127131	5.1	
16	Learning lighting models for optimal control of lighting system via experimental and numerical approach. *Science and Technology for the Built Environment*, **2020**, 1-13	1.8	
15	A Method to Introduce Building Performance Simulation to Beginners. *Energies*, **2020**, 13, 1941	3.1	2
14	ENERGY SAVING POTENTIAL FOR INTEGRATED DAYLIGHTING AND ELECTRIC LIGHTING DESIGN VIA USER-DRIVEN SOLUTIONS: A LITERATURE REVIEW **2019**,		2
13	A field study of fluorescent and LED classroom lighting. *Lighting Research and Technology*, **2018**, 50, 631-650	2	18
12	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	7	12
11	Lighting control systems in individual offices rooms at high latitude: Measurements of electricity savings and occupants satisfaction. *Solar Energy*, **2016**, 127, 113-123	6.8	32
10	Daylight Utilization with Light Pipe in Farm Animal Production: A Simulation Approach. *Journal of Daylighting*, **2016**, 3, 1-11	1.6	12
9	A toolbox to evaluate non-residential lighting and daylighting retrofit in practice. *Energy and Buildings*, **2016**, 123, 151-161	7	14
8	Performance Evaluation of Lighting and Daylighting Retrofits: Results from IEA SHC Task 50. *Energy Procedia*, **2016**, 91, 926-937	2.3	11
7	Daylight harvesting control systems design recommendations based on a literature review **2015**,		4

List of Publications

6	Monitoring Protocol to Assess the Overall Performance of Lighting and Daylighting Retrofit Projects. *Energy Procedia*, **2015**, 78, 2681-2686	2.3	3
5	Retrofitting the Electric Lighting and Daylighting Systems to Reduce Energy Use in Buildings: A Literature Review. *Energy Research Journal*, **2015**, 6, 25-41	0.4	27
4	Lighting Energy Saving with Light Pipe in Farm Animal Production. *Journal of Daylighting*, **2015**, 2, 21-31	1.6	13
3	Lighting Control Systems in Peripheral Offices Rooms at High Latitude: Measurements of Electricity Savings and Users Preferences. *Energy Procedia*, **2014**, 57, 1987-1996	2.3	8
2	Construction of Laboratories for Solar Energy Research in Developing Countries. *Energy Procedia*, **2014**, 57, 982-988	2.3	
1	Measurements of the Electrical Incidence Angle Modifiers of an Asymmetrical Photovoltaic/Thermal Compound Parabolic Concentrating-Collector. *Engineering*, **2013**, 05, 37-43	0.4	6