

Lambros T Doulos

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9114541/lambros-t-doulos-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,031
citations

15
h-index

32
g-index

36
ext. papers

1,225
ext. citations

4.9
avg, IF

4.91
L-index

#	Paper	IF	Citations
34	Passive cooling of outdoor urban spaces. The role of materials. <i>Solar Energy</i> , 2004 , 77, 231-249	6.8	310
33	Quantifying energy savings in daylight responsive systems: The role of dimming electronic ballasts. <i>Energy and Buildings</i> , 2008 , 40, 36-50	7	107
32	On the energy efficiency of a prototype hybrid daylighting system. <i>Solar Energy</i> , 2005 , 79, 56-64	6.8	68
31	Minimizing energy consumption for artificial lighting in a typical classroom of a Hellenic public school aiming for near Zero Energy Building using LED DC luminaires and daylight harvesting systems. <i>Energy and Buildings</i> , 2019 , 194, 201-217	7	67
30	Multi-criteria decision analysis to select the optimum position and proper field of view of a photosensor. <i>Energy Conversion and Management</i> , 2014 , 86, 1069-1077	10.6	53
29	Harvesting daylight with LED or T5 fluorescent lamps? The role of dimming. <i>Energy and Buildings</i> , 2017 , 140, 336-347	7	48
28	A decision support system for assessment of street lighting tenders based on energy performance indicators and environmental criteria: Overview, methodology and case study. <i>Sustainable Cities and Society</i> , 2019 , 51, 101759	10.1	46
27	An active sunlight redirection system for daylight enhancement beyond the perimeter zone. <i>Building and Environment</i> , 2017 , 113, 267-279	6.5	41
26	The role of spectral response of photosensors in daylight responsive systems. <i>Energy and Buildings</i> , 2008 , 40, 588-599	7	35
25	Embedded Microcontroller with a CCD Camera as a Digital Lighting Control System. <i>Electronics (Switzerland)</i> , 2019 , 8, 33	2.6	32
24	A Review of Light Shelf Designs for Daylit Environments. <i>Sustainability</i> , 2018 , 10, 71	3.6	23
23	Identifying, Examining, and Planning Areas Protected from Light Pollution. The Case Study of Planning the First National Dark Sky Park in Greece. <i>Sustainability</i> , 2019 , 11, 5963	3.6	22
22	Estimating the benefits of increasing the recycling rate of lamps from the domestic sector: Methodology, opportunities and case study. <i>Waste Management</i> , 2020 , 101, 188-199	8.6	22
21	Redesigning the exterior lighting as part of the urban landscape: The role of transgenic bioluminescent plants in mediterranean urban and suburban lighting environments. <i>Journal of Cleaner Production</i> , 2020 , 242, 118477	10.3	19
20	Revision of Threshold Luminance Levels in Tunnels Aiming to Minimize Energy Consumption at No Cost: Methodology and Case Studies. <i>Energies</i> , 2020 , 13, 1707	3.1	17
19	Examining the Impact of Daylighting and the Corresponding Lighting Controls to the Users of Office Buildings. <i>Energies</i> , 2020 , 13, 4024	3.1	15
18	Evaluation of Different Roof Types Concerning Daylight in Industrial Buildings during the Initial Design Phase: Methodology and Case Study. <i>Buildings</i> , 2019 , 9, 170	3.2	14

17	A decision support system for techno-economic evaluation of indoor lighting systems with LED luminaires. <i>Operational Research</i> , 2021 , 21, 1403-1422	1.6	14
16	Minimizing lighting consumption in existing tunnels using a no-cost fine-tuning method for switching lighting stages according revised luminance levels 2019 ,		12
15	The effect of the continuous energy efficient upgrading of LED street lighting technology: The case study of Egnatia Odos 2019 ,		10
14	Assessing Lighting Energy Saving Potential from Daylight Harvesting in Office Buildings Based on Code Compliance & Simulation Techniques: A Comparison. <i>Procedia Environmental Sciences</i> , 2017 , 38, 420-427		9
13	The impact of energy efficiency indicators on the office lighting planning and its implications for office lighting market 2019 ,		9
12	Lighting for Cultural and Heritage Site: An Innovative Approach for Lighting in the Distinct Pagoda-Style Architecture of Nepal. <i>Sustainability</i> , 2021 , 13, 2720	3.6	7
11	Ambient Light Sensor Integration 2017 , 607-634		6
10	The effect of the daylight zone on lighting energy savings. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 410, 012099	0.3	5
9	Multicriteria decision aid analysis for the optimum performance of an ambient light sensor: methodology and case study. <i>Operational Research</i> , 2020 , 1	1.6	4
8	Energy and economic performance assessment of efficiency measures in zero-energy office buildings in Greece. <i>Building and Environment</i> , 2021 , 206, 108378	6.5	4
7	Performance assessment of an active sunlight redirection system in areas with different climate: A comparison. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 410, 012098	0.3	3
6	Performance Assessment of Linux Kernels with PREEMPT_RT on ARM-Based Embedded Devices. <i>Electronics (Switzerland)</i> , 2021 , 10, 1331	2.6	3
5	Daylighting and artificial lighting criteria that promote performance and optical comfort in preschool classrooms. <i>Energy and Buildings</i> , 2022 , 258, 111819	7	2
4	Artificial Light Sources in Roman, Byzantine, and Post- Byzantine Eras: An Evaluation of their Performance ³² , 119-132		2
3	Lighting Standards Revisited: Introduction of a Mathematical Model for the Assessment of the Impact of Illuminance on Visual Acuity. <i>Clinical Ophthalmology</i> , 2021 , 15, 4553-4564	2.5	1
2	Ambient Light Sensor Integration 2016 , 1-28		1
1	Simulating the Impact of Daytime Calibration in the Behavior of a Closed Loop Proportional Lighting Control System. <i>Energies</i> , 2021 , 14, 7056	3.1	0