

Lambros T Doulos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9114541/publications.pdf>

Version: 2024-02-01

35
papers

1,414
citations

393982

19
h-index

476904

29
g-index

36
all docs

36
docs citations

36
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive cooling of outdoor urban spaces. The role of materials. <i>Solar Energy</i> , 2004, 77, 231-249.	2.9	372
2	Quantifying energy savings in daylight responsive systems: The role of dimming electronic ballasts. <i>Energy and Buildings</i> , 2008, 40, 36-50.	3.1	127
3	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.	3.1	105
4	On the energy efficiency of a prototype hybrid daylighting system. <i>Solar Energy</i> , 2005, 79, 56-64.	2.9	82
5	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.	4.4	61
6	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.	5.1	59
7	Harvesting daylight with LED or T5 fluorescent lamps? The role of dimming. <i>Energy and Buildings</i> , 2017, 140, 336-347.	3.1	58
8	An active sunlight redirection system for daylight enhancement beyond the perimeter zone. <i>Building and Environment</i> , 2017, 113, 267-279.	3.0	52
9	Embedded Microcontroller with a CCD Camera as a Digital Lighting Control System. <i>Electronics (Switzerland)</i> , 2019, 8, 33.	1.8	48
10	The role of spectral response of photosensors in daylight responsive systems. <i>Energy and Buildings</i> , 2008, 40, 588-599.	3.1	43
11	A Review of Light Shelf Designs for Daylit Environments. <i>Sustainability</i> , 2018, 10, 71.	1.6	40
12	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.	3.7	34
13	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.	1.6	33
14	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.	4.6	29
15	Examining the Impact of Daylighting and the Corresponding Lighting Controls to the Users of Office Buildings. <i>Energies</i> , 2020, 13, 4024.	1.6	29
16	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.	1.6	28
17	Daylighting and artificial lighting criteria that promote performance and optical comfort in preschool classrooms. <i>Energy and Buildings</i> , 2022, 258, 111819.	3.1	24
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.	1.4	23

#	ARTICLE	IF	CITATIONS
19	Minimizing lighting consumption in existing tunnels using a no-cost fine-tuning method for switching lighting stages according revised luminance levels. , 2019, , .		19
20	Energy and economic performance assessment of efficiency measures in zero-energy office buildings in Greece. Building and Environment, 2021, 206, 108378.	3.0	19
21	A decision support system for techno-economic evaluation of indoor lighting systems with LED luminaires. Operational Research, 2021, 21, 1403-1422.	1.3	16
22	The effect of the continuous energy efficient upgrading of LED street lighting technology: The case study of Egnatia Odos. , 2019, , .		15
23	Lighting for Cultural and Heritage Site: An Innovative Approach for Lighting in the Distinct Pagoda-Style Architecture of Nepal. Sustainability, 2021, 13, 2720.	1.6	15
24	Lighting Standards Revisited: Introduction of a Mathematical Model for the Assessment of the Impact of Illuminance on Visual Acuity. Clinical Ophthalmology, 2021, Volume 15, 4553-4564.	0.9	13
25	Assessing Lighting Energy Saving Potential from Daylight Harvesting in Office Buildings Based on Code Compliance & Simulation Techniques: A Comparison. Procedia Environmental Sciences, 2017, 38, 420-427.	1.3	11
26	The impact of energy efficiency indicators on the office lighting planning and its implications for office lighting market. , 2019, , .		10
27	Performance Assessment of Linux Kernels with PREEMPT_RT on ARM-Based Embedded Devices. Electronics (Switzerland), 2021, 10, 1331.	1.8	10
28	Ambient Light Sensor Integration. , 2017, , 607-634.		8
29	The effect of the daylight zone on lighting energy savings. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012099.	0.2	7
30	Artificial Light Sources in Roman, Byzantine, and Post- Byzantine Eras: An Evaluation of their Performance. Chronos, 0, 32, 119-132.	0.0	6
31	Multicriteria decision aid analysis for the optimum performance of an ambient light sensor: methodology and case study. Operational Research, 2020, , 1.	1.3	5
32	The Future of Interior Lighting Is Here. Sustainability, 2022, 14, 7044.	1.6	5
33	Simulating the Impact of Daytime Calibration in the Behavior of a Closed Loop Proportional Lighting Control System. Energies, 2021, 14, 7056.	1.6	4
34	Performance assessment of an active sunlight redirection system in areas with different climate: A comparison. IOP Conference Series: Earth and Environmental Science, 2020, 410, 012098.	0.2	3
35	A Methodology To Model The Performance Of a Dynamic Mirror Light-shelf Based on Solar Radiant Flux Impinging on the Window. , 0, , .		0