Alfonso Gago CalderÃ³n

List of Publications by Year
in descending order

30 papers	193 citations	933447 10 h-index	1125743 13 g-index
30 all docs	30 docs citations	30 times ranked	152 citing authors

#	Article	IF	Citations
1	Power Quality and Energy Efficiency in the Pre-Evaluation of an Outdoor Lighting Renewal with Light-Emitting Diode Technology: Experimental Study and Amortization Analysis. Energies, 2017, 10, 836.	3.1	24
2	Smart citiesâ€™ development in Spain: A comparison of technical and social indicators with reference to European cities. Sustainable Cities and Society, 2022, 81, 103828.	10.4	23
3	The potential role of UV and blue light from the sun, artificial lighting, and electronic devices in melanogenesis and oxidative stress. Journal of Photochemistry and Photobiology B: Biology, 2022, 228, 112405.	3.8	18
4	Evaluation of Uniformity and Glare Improvement with Low Energy Efficiency Losses in Street Lighting LED Luminaires Using Laser-Sintered Polyamide-Based Diffuse Covers. Energies, 2018, 11, 816.	3.1	17
5	Electrical consequences of large-scale replacement of metal halide by LED luminaires. Lighting Research and Technology, 2018, 50, 282-293.	2.7	15
6	Effect of LED Lighting on Physical Environment and Microenvironment on In Vitro Plant Growth and Morphogenesis: The Need to Standardize Lighting Conditions and Their Description. Plants, 2022, 11, 60.	3.5	13
7	LCA Case Study to LED Outdoor Luminaries as a Circular Economy Solution to Local Scale. Sustainability, 2020, 12, 190.	3.2	12
8	LED bulbs technical specification and testing procedure for solar home systems. Renewable and Sustainable Energy Reviews, 2015, 41, 506-520.	16.4	11
9	Visual quality evaluation of large LED displays based on subjective sensory perception. Displays, 2013, 34, 359-370.	3.7	10
10	Analysis of the Viability of Street Light Programming Using Commutation Cycles in the Power Line. Sustainability, 2018, 10, 4043.	3.2	10
11	DC Network Indoor and Outdoor LED Lighting. , 0, , .		8
12	Experimental Outdoor Public Lighting Installation Powered by a Hydraulic Turbine Installed in the Municipal Water Supply Network. Water (Switzerland), 2022, 14, 710.	2.7	6
13	Temperatureâ€controlled lightâ€emitting diode lamp for photovoltaic rural applications. Progress in Photovoltaics: Research and Applications, 2013, 21, 232-239.	8.1	4
14	Adaptation of an Insulated Centralized Photovoltaic Outdoor Lighting Installation with Electronic Control System to Improve Service Guarantee in Tropical Latitudes. Sustainability, 2021, 13, 1925.	3.2	4
15	GPRS telemetry system for high-efficiency electric competition vehicles. , 2013, , .		3
16	Analytical and economic methodology for storage of large heavyweight equipment in industrial processes. Economic Research-Ekonomska Istrazivanja, 2020, 33, 3258-3287.	4.7	3
17	A hydrodynamic model of labyrinth to study the stimulation of perilymph compartments by audioprostheses. Acta Oto-Laryngologica, 2008, 128, 343-346.	0.9	2
18	Multicolor Virtual Matrix LED Display Controlled by D-Type Flip-Flop Drivers. Journal of Display Technology, 2011, 7, 174-180.	1.2	2

#	Article	IF	Citations
19	LED Lighting Installations in Professional Stadiums: Energy Efficiency, Visual Comfort, and Requirements of 4K TV Broadcast. Sustainability, 2020, 12, 7684.	3.2	2
20	Effect of Nail Thickness on Visible Radiation Transmittance: Implications for New Photodynamic Therapy Technologies in Onychomycosis. Photochemistry and Photobiology, 2020, 96, 1267-1272.	2.5	2
21	Hardware Architecture and Configuration Parameters of a Low Weight Electronic Differential for Light Electric Vehicles with Two Independent Wheel Drive to Minimize Slippage. World Electric Vehicle Journal, 2019, 10, 23.	3.0	1
22	Adjustment of Lighting Parameters from Photopic to Mesopic Values in Outdoor Lighting Installations Strategy and Associated Evaluation of Variation in Energy Needs. Sustainability, 2021, 13, 4089.	3.2	1
23	Autonomous Photovoltaic LED Urban Street Lighting: Technical, Economic, and Social Viability Analysis Based on a Case Study. Sustainability, 2021, 13, 11746.	3.2	1
24	Analysis and evaluation of the operational characteristics of a new photodynamic therapy device. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102719.	2.6	1
25	Control architecture of a virtual matrix LED display without current drivers. , 2009, , .		0
26	A digital electronic design teaching methodology trough partnership with local SMEs. , 2012, , .		0
27	GeneraciÃ³n de material audiovisual para el aprendizaje basado en tareas o proyectos: cÃ³mo mejorar el aprendizaje con el apoyo de videos guÃa o explicativos / Audiovisual Units Generation for Task or Project Based Learning: How to Improve Learning with Guide or â€œExplanatoryâ€•Videos. Revista Internacional De EducaciÃ³n Y Aprendizaje, 2013, 1, .	0.1	0
28	Creating Audiovisual Material for Task- and Project-Based Learning. International Journal of Technologies in Learning, 2014, 21, 9-24.	0.2	0
29	ESTABLISHMENT OF A DIDACTIC METHODOLOGY FOR THE CONSTRUCTION OF A MODEL BIM 4D AND 5D DEVELOPED FROM A MODELED INDUSTRIAL BUILDING IN 3D. COST ANALYSIS AND SIMULATED EXECUTION PLANNING. , 2018, , .		0
30	Photovoltaic charging multi-station with modular architecture for Light Electric Vehicles. Renewable Energy and Power Quality Journal, 0, 17, 370-375.	0.2	0