

Ciji Pearl Kurian

List of Publications by Year in Descending Order

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

41
papers

161
citations

7
h-index

10
g-index

56
ext. papers

234
ext. citations

2.4
avg, IF

3.44
L-index

#	Paper	IF	Citations
41	Electric vehicle speed tracking control using an ANFIS-based fractional order PID controller. <i>Journal of King Saud University, Engineering Sciences</i> , 2022 ,	2.2	2
40	A Tunable LED Daylight Luminaire for Textile and Printing Light Booth Application with Optimum LEDs. <i>Ain Shams Engineering Journal</i> , 2022 , 13, 101711	4.4	0
39	Low-Cost Image-Based Occupancy Sensor Using Deep Learning. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 277-290	0.2	1
38	Simulation-Based Design for an Energy-Efficient Building. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 409-418	0.2	1
37	Gaussian Regression Models for Evaluation of Network Lifetime and Cluster-Head Selection in Wireless Sensor Devices. <i>IEEE Access</i> , 2022 , 10, 20875-20888	3.5	0
36	Indoor PV-Based Power Management System for Connected Lighting and Shading Control. <i>Advances in Sustainability Science and Technology</i> , 2022 , 759-771		
35	Wireless Sensor Actuator Network Architecture and Energy Model of a Camera Based Lighting Management System. <i>IEEE Access</i> , 2022 , 10, 22700-22711	3.5	
34	Optimizing daylight glare and circadian entrainment in a Daylight-Artificial Light Integrated scheme. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
33	Analysis of the Thermal Characteristics and Energy performance of Electro Chromic Glazing window. <i>International Journal of Mechanics</i> , 2022 , 16, 46-54	1.5	
32	Development of Bayesian Neural Network Model to Predict the Correlated Colour Temperature Using Digital Camera and Macbeth ColorChecker Chart. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
31	Metabolic Variations in Grass C. dactylon and Selection of Optimal LEDs for the Horticulture Luminaire Using LM Algorithm. <i>IEEE Access</i> , 2021 , 9, 139457-139465	3.5	1
30	Sustainable building design based on glazing and location: A statistical modelling approach 2021 ,		1
29	Electronically Tunable ACO Based Fuzzy FOPID Controller for Effective Speed Control of Electric Vehicle. <i>IEEE Access</i> , 2021 , 9, 73392-73412	3.5	13
28	Ensemble Learning Model-Based Test Workbench for the Optimization of Building Energy Performance and Occupant Comfort. <i>IEEE Access</i> , 2020 , 8, 96075-96087	3.5	6
27	Comparative study of zigBee topologies for IoT-based lighting automation. <i>IET Wireless Sensor Systems</i> , 2019 , 9, 201-207	1.6	15
26	Daylight-Artificial Light Integrated Scheme Based on Digital Camera and Wireless Networked Sensing-Actuation System. <i>IEEE Transactions on Consumer Electronics</i> , 2019 , 65, 284-292	4.8	6
25	OPTIMIZATION AND LIFE CYCLE COST ANALYSIS OF RENEWABLE ENERGY SUPPLY OPTIONS FOR ACADEMIC BUILDINGS- A CASE STUDY. <i>International Journal of Energy Economics and Policy</i> , 2019 , 9, 224-236	1.5	

24	Color characterization of multicolor multichip LED luminaire for indoor. <i>Journal of Building Engineering</i> , 2018 , 18, 19-32	5.2	13
23	High Dynamic Imaging for Photometry and Graphic Arts Evaluation. <i>Journal of the Institution of Engineers (India): Series B</i> , 2018 , 99, 383-389	0.9	0
22	An Embedded System for Color Point Control of LEDs Against Ambient Temperature Variations. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 533-542	0.4	
21	Active Load Simulation Study of Solar and Wind Hybrid Energy System in Stand-alone Mode of Operation. <i>Recent Advances in Electrical and Electronic Engineering</i> , 2018 , 11, 194-202	0.3	1
20	Control and evaluation of room interior lighting using digital camera as the sensor. <i>International Journal of Engineering and Technology(UAE)</i> , 2018 , 7, 99	0.8	3
19	Solar PV System Design Using PVsyst: A Case Study of an Academic Institute 2018 ,		8
18	Thermal characterization of multicolor LED luminaire. <i>Microelectronics Reliability</i> , 2017 , 78, 379-388	1.2	11
17	Multiobjective generalized extremal optimization algorithm for simulation of daylight illuminants. <i>Journal of Photonics for Energy</i> , 2017 , 7, 1	1.2	4
16	Summary of LED down light testing and its implications 2016 ,		2
15	Sustainable building design based on building information modeling (BIM) 2016 ,		6
14	Design and simulation of control strategies for batteries used in distribution generation systems 2016 ,		1
13	A study of communication protocols and wireless networking systems for lighting control application 2015 ,		3
12	Design and simulation of solar and wind energy conversion system in isolated mode of operation 2015 ,		0
11	Commissioning of camera calibration factor for luminance measurement 2014 ,		3
10	Model based control using C2000 microcontroller 2014 ,		2
9	Junction temperature measurement of a LED street light using forward voltage method 2014 ,		5
8	White light source towards spectrum tunable lighting [A review] 2014 ,		9
7	Digitally Addressable Wireless Interface for Lighting Control System 2013 ,		4

6	Review of methods for reliability assessment of LED luminaires using optical and thermal measurements 2013 ,		2
5	Application of accelerated life testing principles to project long term lumen maintenance of LED luminaires 2012 ,		6
4	LED lighting reliability from a failure perspective 2012 ,		2
3	A Simulink model for an aircraft landing system using energy functions 2012 ,		2
2	Prospective techniques of effective daylight harvesting in commercial buildings by employing window glazing, dynamic shading devices and dimming control literature review. <i>Building Simulation</i> , 2008 , 1, 279	3.9	23
1	Real-time data based thermal comfort prediction leading to temperature setpoint control. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 1	3.7	