Ciji Pearl Kurian

List of Publications by Citations

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	Prospective techniques of effective daylight harvesting in commercial buildings by employing window glazing, dynamic shading devices and dimming control literature review. *Building Simulation*, **2008**, 1, 279	3.9	23
40	Comparative study of zigBee topologies for IoT-based lighting automation. *IET Wireless Sensor Systems*, **2019**, 9, 201-207	1.6	15
39	Color characterization of multicolor multichip LED luminaire for indoor. *Journal of Building Engineering*, **2018**, 18, 19-32	5.2	13
38	Electronically Tunable ACO Based Fuzzy FOPID Controller for Effective Speed Control of Electric Vehicle. *IEEE Access*, **2021**, 9, 73392-73412	3.5	13
37	Thermal characterization of multicolor LED luminaire. *Microelectronics Reliability*, **2017**, 78, 379-388	1.2	11
36	White light source towards spectrum tunable lighting A review **2014**,		9
35	Solar PV System Design Using PVsyst: A Case Study of an Academic Institute **2018**,		8
34	Daylight-Artificial Light Integrated Scheme Based on Digital Camera and Wireless Networked Sensing-Actuation System. *IEEE Transactions on Consumer Electronics*, **2019**, 65, 284-292	4.8	6
33	Application of accelerated life testing principles to project long term lumen maintenance of LED luminaires **2012**,		6
32	Ensemble Learning Model-Based Test Workbench for the Optimization of Building Energy Performance and Occupant Comfort. *IEEE Access*, **2020**, 8, 96075-96087	3.5	6
31	Sustainable building design based on building information modeling (BIM) **2016**,		6
30	Junction temperature measurement of a LED street light using forward voltage method **2014**,		5
29	Digitally Addressable Wireless Interface for Lighting Control System **2013**,		4
28	Multiobjective generalized extremal optimization algorithm for simulation of daylight illuminants. *Journal of Photonics for Energy*, **2017**, 7, 1	1.2	4
27	Commissioning of camera calibration factor for luminance measurement **2014**,		3
26	A study of communication protocols and wireless networking systems for lighting control application **2015**,		3
25	Control and evaluation of room interior lighting using digital camera as the sensor. *International Journal of Engineering and Technology(UAE)*, **2018**, 7, 99	0.8	3

24	Summary of LED down light testing and its implications **2016**,		2
23	Model based control using C2000 microcontroller **2014**,		2
22	LED lighting reliability from a failure perspective **2012**,		2
21	A Simulink model for an aircraft landing system using energy functions **2012**,		2
20	Review of methods for reliability assessment of LED luminaires using optical and thermal measurements **2013**,		2
19	Electric vehicle speed tracking control using an ANFIS-based fractional order PID controller. *Journal of King Saud University, Engineering Sciences*, **2022**,	2.2	2
18	Metabolic Variations in Grass C. dactylon and Selection of Optimal LEDs for the Horticulture Luminaire Using LM Algorithm. *IEEE Access*, **2021**, 9, 139457-139465	3.5	1
17	Active Load Simulation Study of Solar and Wind Hybrid Energy System in Stand-alone Mode of Operation. *Recent Advances in Electrical and Electronic Engineering*, **2018**, 11, 194-202	0.3	1
16	Sustainable building design based on glazing and location: A statistical modelling approach **2021**,		1
15	Design and simulation of control strategies for batteries used in distribution generation systems **2016**,		1
14	Low-Cost Image-Based Occupancy Sensor Using Deep Learning. *Lecture Notes in Electrical Engineering*, **2022**, 277-290	0.2	1
13	Simulation-Based Design for an Energy-Efficient Building. *Lecture Notes in Electrical Engineering*, **2022**, 409-418	0.2	1
12	High Dynamic Imaging for Photometry and Graphic Arts Evaluation. *Journal of the Institution of Engineers (India): Series B*, **2018**, 99, 383-389	0.9	0
11	Design and simulation of solar and wind energy conversion system in isolated mode of operation **2015**,		0
10	A Tunable LED Daylight Luminaire for Textile and Printing Light Booth Application with Optimum LEDs. *Ain Shams Engineering Journal*, **2022**, 13, 101711	4.4	0
9	Gaussian Regression Models for Evaluation of Network Lifetime and Cluster-Head Selection in Wireless Sensor Devices. *IEEE Access*, **2022**, 10, 20875-20888	3.5	0
8	Optimizing daylight glare and circadian entrainment in a Daylight-Artificial Light Integrated scheme. *IEEE Access*, **2022**, 1-1	3.5	0
7	Development of Bayesian Neural Network Model to Predict the Correlated Colour Temperature Using Digital Camera and Macbeth ColorChecker Chart. *IEEE Access*, **2022**, 1-1	3.5	0

6	OPTIMIZATION AND LIFE CYCLE COST ANALYSIS OF RENEWABLE ENERGY SUPPLY OPTIONS FOR ACADEMIC BUILDINGS- A CASE STUDY. *International Journal of Energy Economics and Policy*, **2019**, 9, 224-236	1.5
5	An Embedded System for Color Point Control of LEDs Against Ambient Temperature Variations. *Advances in Intelligent Systems and Computing*, **2018**, 533-542	0.4
4	Indoor PV-Based Power Management System for Connected Lighting and Shading Control. *Advances in Sustainability Science and Technology*, **2022**, 759-771	
3	Wireless Sensor Actuator Network Architecture and Energy Model of a Camera Based Lighting Management System. *IEEE Access*, **2022**, 10, 22700-22711	3.5
2	Real-time data based thermal comfort prediction leading to temperature setpoint control. *Journal of Ambient Intelligence and Humanized Computing*,1	3.7
1	Analysis of the Thermal Characteristics and Energy performance of Electro Chromic Glazing window. *International Journal of Mechanics*, **2022**, 16, 46-54	1.5