

Vineetha Kalavally

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.

20
papers

767
citations

8
h-index

24
g-index

24
ext. papers

1,002
ext. citations

5.7
avg, IF

4.44
L-index

#	Paper	IF	Citations
20	Effects of Daytime Electric Light Exposure on Human Alertness and Higher Cognitive Functions: A Systematic Review.. <i>Frontiers in Psychology</i> , 2021 , 12, 765750	3.4	3
19	Maximal Associated Regression: A Nonlinear Extension to Least Angle Regression. <i>IEEE Access</i> , 2021 , 1-1	3.5	0
18	Wearable light spectral sensor optimized for measuring daily Epic light exposure. <i>Optics Express</i> , 2021 , 29, 27612-27627	3.3	0
17	Impact of circadian tuning on the illuminance and color uniformity of a multichannel luminaire with spatially optimized LED placement. <i>Optics Express</i> , 2020 , 28, 130-145	3.3	6
16	Evening home lighting adversely impacts the circadian system and sleep. <i>Scientific Reports</i> , 2020 , 10, 19110	4.9	30
15	The Spectral Optimization of a Commercializable Multi-Channel LED Panel With Circadian Impact. <i>IEEE Access</i> , 2020 , 8, 136498-136511	3.5	10
14	Optimised spectral effects of programmable LED arrays (PLA)s on bioelectricity generation from algal-biophotovoltaic devices. <i>Scientific Reports</i> , 2020 , 10, 16105	4.9	5
13	Influence of LED-based assistive lighting solutions on the autonomous mobility of low vision people. <i>Building and Environment</i> , 2019 , 157, 172-184	6.5	1
12	QCM-Micropillar-Based Coupled Resonators in the Detection of Gas Mass Flow Rates. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019 , 68, 303-305	5.2	6
11	Real-Time Closed-Loop Color Control of a Multi-Channel Luminaire Using Sensors Onboard a Mobile Device. <i>IEEE Access</i> , 2018 , 6, 54751-54759	3.5	8
10	Smart lighting: The way forward? Reviewing the past to shape the future. <i>Energy and Buildings</i> , 2017 , 149, 180-191	7	68
9	Development of a prototype smart home intelligent lighting control architecture using sensors onboard a mobile computing system. <i>Energy and Buildings</i> , 2017 , 138, 368-376	7	51
8	QCM Coupled Resonating Systems Under Vacuum: Sensitivity and Characteristics. <i>IEEE Sensors Journal</i> , 2017 , 17, 5044-5049	4	4
7	Design of an energy-saving controller for an intelligent LED lighting system. <i>Energy and Buildings</i> , 2016 , 120, 1-9	7	50
6	A Spectrally Tunable Smart LED Lighting System With Closed-Loop Control. <i>IEEE Sensors Journal</i> , 2016 , 16, 4452-4459	4	26
5	Improving Lighting Quality and Capacity of OFDM-Based WDM-VLC Systems. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 2149-2152	2.2	12
4	LED Based Indoor Visible Light Communications: State of the Art. <i>IEEE Communications Surveys and Tutorials</i> , 2015 , 17, 1649-1678	37.1	468

3	Combined Effect of ASE and DRBS on Noise in Pulse-Pumped Fiber Raman Amplifiers. <i>Journal of Lightwave Technology</i> , 2012 , 30, 2983-2987	4	5
2	Multipath Interference in Pulse-Pumped Fiber Raman Amplifiers: Analytical Approach. <i>Journal of Lightwave Technology</i> , 2010 , 28, 2701-2707	4	6
1	Analytical Study of RIN Transfer in Pulse-Pumped Raman Amplifiers. <i>Journal of Lightwave Technology</i> , 2009 , 27, 4536-4543	4	8