

Vineetha Kalavally

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4086673/publications.pdf>

Version: 2024-02-01

24
papers

1,175
citations

933264

10
h-index

752573

20
g-index

24
all docs

24
docs citations

24
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	LED Based Indoor Visible Light Communications: State of the Art. IEEE Communications Surveys and Tutorials, 2015, 17, 1649-1678.	24.8	683
2	Smart lighting: The way forward? Reviewing the past to shape the future. Energy and Buildings, 2017, 149, 180-191.	3.1	109
3	Development of a prototype smart home intelligent lighting control architecture using sensors onboard a mobile computing system. Energy and Buildings, 2017, 138, 368-376.	3.1	82
4	Evening home lighting adversely impacts the circadian system and sleep. Scientific Reports, 2020, 10, 19110.	1.6	64
5	Design of an energy-saving controller for an intelligent LED lighting system. Energy and Buildings, 2016, 120, 1-9.	3.1	63
6	A Spectrally Tunable Smart LED Lighting System With Closed-Loop Control. IEEE Sensors Journal, 2016, 16, 4452-4459.	2.4	40
7	Effects of Daytime Electric Light Exposure on Human Alertness and Higher Cognitive Functions: A Systematic Review. Frontiers in Psychology, 2021, 12, 765750.	1.1	20
8	Improving Lighting Quality and Capacity of OFDM-Based WDM-VLC Systems. IEEE Photonics Technology Letters, 2016, 28, 2149-2152.	1.3	13
9	The Spectral Optimization of a Commercializable Multi-Channel LED Panel With Circadian Impact. IEEE Access, 2020, 8, 136498-136511.	2.6	13
10	QCM-Micropillar-Based Coupled Resonators in the Detection of Gas Mass Flow Rates. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 303-305.	2.4	11
11	Optimised spectral effects of programmable LED arrays (PLA)s on bioelectricity generation from algal-biophotovoltaic devices. Scientific Reports, 2020, 10, 16105.	1.6	11
12	Wearable light spectral sensor optimized for measuring daily \hat{I}_{\pm} -opic light exposure. Optics Express, 2021, 29, 27612.	1.7	11
13	Real-Time Closed-Loop Color Control of a Multi-Channel Luminaire Using Sensors Onboard a Mobile Device. IEEE Access, 2018, 6, 54751-54759.	2.6	10
14	Impact of circadian tuning on the illuminance and color uniformity of a multichannel luminaire with spatially optimized LED placement. Optics Express, 2020, 28, 130.	1.7	9
15	Analytical Study of RIN Transfer in Pulse-Pumped Raman Amplifiers. Journal of Lightwave Technology, 2009, 27, 4536-4543.	2.7	8
16	Multipath Interference in Pulse-Pumped Fiber Raman Amplifiers: Analytical Approach. Journal of Lightwave Technology, 2010, 28, 2701-2707.	2.7	8
17	QCM Coupled Resonating Systems Under Vacuum: Sensitivity and Characteristics. IEEE Sensors Journal, 2017, 17, 5044-5049.	2.4	8
18	Combined Effect of ASE and DRBS on Noise in Pulse-Pumped Fiber Raman Amplifiers. Journal of Lightwave Technology, 2012, 30, 2983-2987.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Influence of LED-based assistive lighting solutions on the autonomous mobility of low vision people. Building and Environment, 2019, 157, 172-184.	3.0	4
20	Maximal Associated Regression: A nonlinear extension to Least Angle Regression. IEEE Access, 2021, , 1-1.	2.6	2
21	Cross-gain Modulation in TDM Pumped Raman Fiber Amplifiers. , 2006, , .		0
22	Gain modulation dynamics of a Raman amplified WDM system using time-division multiplexed pumps. , 2007, , .		0
23	Novel Approach in MATLAB Memory Management for Large Simulation Models. , 2008, , .		0
24	Design of Low Cost Programmable LED Lighting System for Smart Buildings. , 2020, , .		0