

Savitha G Kini

List of Publications by Year in descending order

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23
papers

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2257833

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docs citations

23
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Lifetime Color Consistency Analysis of Cool-White LED Luminaires for General Applications. IEEE Transactions on Electron Devices, 2021, 68, 5634-5639.	1.6	1
2	Accelerated Testing Based Lifetime Performance Evaluation of LEDs in LED Luminaire Systems. IEEE Access, 2021, 9, 137140-137147.	2.6	3
3	A study on the performance characteristics of light emitting diodes from reliability prospective. , 2021, , .		0
4	A generalised approach for the estimation of junction temperature and its effect on light output. Lighting Research and Technology, 2020, 52, 274-291.	1.2	3
5	A Generalized Methodology for Predicting the Lifetime Performance of LED Luminaire. IEEE Transactions on Electron Devices, 2020, 67, 2831-2836.	1.6	12
6	Experimental investigation and empirical modelling of thermal and drive current effect on optical performance of commercial LEDs. Lighting Research and Technology, 2020, , 147715352097693.	1.2	0
7	Accelerated Degradation Test Investigation for Life-Time Performance Analysis of LED Luminaires. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2020, 10, 551-558.	1.4	13
8	A Lifetime Performance Analysis of LED Luminaires Under Real-Operation Profiles. IEEE Transactions on Electron Devices, 2020, 67, 146-153.	1.6	13
9	Experimental Investigation on Thermal-Optical- Current Characteristics of Commercial Light Emitting Diodes. , 2019, , .		0
10	Design and Prototyping of Dimmable LED Driver for General Lighting Application. , 2018, , .		3
11	Life estimation of high power LED using distribution based reliability analysis. , 2017, , .		2
12	Energy analysis and load reduction strategies for a low rise building in composite climate of India. , 2017, , .		1
13	Daylight analysis and enhancing strategies for a low rise office building in composite climate of India. , 2017, , .		1
14	Computational method for optical spectrum analysis using RGB to Hue transformation. , 2016, , .		0
15	Daylight analysis of a typical low rise office building for different climate zones of India. , 2016, , .		2
16	Study of color space transformation techniques for converting spectrographs to spectrograms. , 2016, , .		0
17	Summary of LED down light testing and its implications. , 2016, , .		2
18	Auto-calibration of emission spectra of light sources captured using camera spectrometer. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Junction temperature measurement of a LED street light using forward voltage method. , 2014, , .		6
20	Proposed thermal metric for assessment of cooling systems of LED lighting products. , 2014, , .		0
21	FPGA based buck controller for LED white light tuning. , 2014, , .		1
22	Review of methods for reliability assessment of LED luminaires using optical and thermal measurements. , 2013, , .		3
23	A review of existing methods for study and analysis of thermal design of LED lighting products. , 2013, , .		3