

# Anjan N Padmasali

## List of Publications by Year in descending order

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16  
papers

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citations

1683354

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docs citations

16  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Lifetime Performance Analysis of LED Luminaires Under Real-Operation Profiles. IEEE Transactions on Electron Devices, 2020, 67, 146-153.	1.6	13
3	A Generalized Methodology for Predicting the Lifetime Performance of LED Luminaire. IEEE Transactions on Electron Devices, 2020, 67, 2831-2836.	1.6	12
4	Prognostic algorithms for L70 life prediction of solid state lighting. Lighting Research and Technology, 2016, 48, 608-623.	1.2	10
5	LED life prediction based on lumen depreciation and colour shift. Lighting Research and Technology, 2017, 49, 84-99.	1.2	10
6	A novel measure to analyse the reliability of LED luminaires. Lighting Research and Technology, 2019, 51, 1063-1076.	1.2	4
7	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
8	Accelerated Testing Based Lifetime Performance Evaluation of LEDs in LED Luminaire Systems. IEEE Access, 2021, 9, 137140-137147.	2.6	3
9	Life estimation of high power LED using distribution based reliability analysis. , 2017, , .		2
10	Implementation and characterization of a numerical distance relay using a relay test-bench on RTAI-Linux platform. , 2013, , .		1
11	Time series modelling for lifetime estimation of solid state luminaires. , 2017, , .		1
12	Lifetime Color Consistency Analysis of Cool-White LED Luminaires for General Applications. IEEE Transactions on Electron Devices, 2021, 68, 5634-5639.	1.6	1
13	The effect of capacitance on drive current of general lighting LED luminaires. Lighting Research and Technology, 2018, 50, 1270-1281.	1.2	0
14	Experimental Investigation on Thermal-Optical- Current Characteristics of Commercial Light Emitting Diodes. , 2019, , .		0
15	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
16	A study on the performance characteristics of light emitting diodes from reliability prospective. , 2021, , .		0