

Vitor Cristiano Bender

List of Publications by Year in descending order

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29
papers

262
citations

1683354

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1588620

8
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29
all docs

29
docs citations

29
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-State Lighting: A Concise Review of the State of the Art on LED and OLED Modeling. IEEE Industrial Electronics Magazine, 2015, 9, 6-16.	2.3	95
2	Static and Dynamic Photoelectrothermal Modeling of LED Lamps Including Low-Frequency Current Ripple Effects. IEEE Transactions on Power Electronics, 2015, 30, 3841-3851.	5.4	65
3	Design Methodology for Light-Emitting Diode Systems by Considering an Electrothermal Model. IEEE Transactions on Electron Devices, 2013, 60, 3799-3806.	1.6	22
4	Modeling and Characterization of Organic Light-Emitting Diodes Including Capacitance Effect. IEEE Transactions on Electron Devices, 2015, 62, 3314-3321.	1.6	12
5	Electrothermal feedback of a LED lighting system: Modeling and control. , 2012, , .		7
6	An optimized methodology for LED lighting systems designers. , 2012, , .		7
7	Study on the thermal performance of LED luminaire using Finite Element Method. , 2013, , .		7
8	Scale-photoelectrothermal model for organic light-emitting diodes. IET Optoelectronics, 2016, 10, 100-110.	1.8	6
9	An Extended Design Methodology for LED Lighting Systems Including Lifetime Estimation. IEEE Transactions on Electron Devices, 2016, 63, 4852-4859.	1.6	5
10	Electrothermal methodology applied to flicker analysis in off-line LED systems. , 2013, , .		4
11	A Hardware Emulator for OLED Panels Applied to Lighting Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1252-1258.	3.7	4
12	Design methodology for street lighting luminaires based on a photometrical analysis. , 2013, , .		3
13	Electrothermal characterization applied to the study of chromaticity coordinates in RGB LEDs. , 2013, , .		3
14	Finite element analysis of a closed cooling system applied to thermal management of LED luminaires. , 2013, , .		3
15	Indirect control of luminous flux and chromatic shift methodology applied to RGB LEDs. , 2014, , .		3
16	Improved design methodology for LED lamps. , 2015, , .		2
17	Dynamic characterization and modeling of organic light-emitting diodes (OLEDs). , 2015, , .		2
18	Experimental evaluation of current waveform on OLED photometric performance. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
19	Single-Stage Standalone Lighting System Based on GaN Transistors. , 2019, , .		2
20	Adjustable lighting system based on circadian rhythm for human comfort. Journal of Optics (India), 2022, 51, 1028-1037.	0.8	2
21	An optimized methodology for led lighting system designers: A photometric analysis. , 2012, , .		1
22	Design space for LED systems considering photoelectrothermal aspects. , 2016, , .		1
23	An analysis of frequency response on OLED for lighting applications. , 2017, , .		1
24	Integração dos Conversores Buck-Boost e Forward para Acionamento de Leds Visando Aplicações de Iluminação Circadiana. , 2021, , .		1
25	Improved methodology for predicting correlated color temperature in mixed LED lighting sources. , 2020, , .		1
26	Buck-Boost-Forward Ac/Dc Converter Design Supported by Computer-Aided Engineering. , 2021, , .		1
27	A scale-photo-electro-thermal model of Organic Light-Emitting Diodes (OLEDs) for design lighting systems. , 2015, , .		0
28	Evaluation of Low-Profile Offline Drivers Devised to Supply Power to 10W OLED Panels. , 2018, , .		0
29	Power Transformer Fault Characterization Through Oil Contaminants Evaluation. , 2020, , .		0