

# Jesus Cardesin Miranda

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

493  
citations

933447

10  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

353  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimming of High-Brightness LEDs by Means of Luminous Flux Thermal Estimation. IEEE Transactions on Power Electronics, 2009, 24, 1107-1114.	7.9	92
2	A Single-Stage High-Power-Factor Electronic Ballast Based on Integrated Buck Flyback Converter to Supply Metal Halide Lamps. IEEE Transactions on Industrial Electronics, 2008, 55, 1112-1122.	7.9	85
3	Investigation of a New Control Strategy for Electronic Ballasts Based on Variable Inductor. IEEE Transactions on Industrial Electronics, 2008, 55, 3-10.	7.9	84
4	High-Voltage Power Supply for Ozone Generation Based on Piezoelectric Transformer. IEEE Transactions on Industry Applications, 2009, 45, 1513-1523.	4.9	55
5	LED Permanent Emergency Lighting System Based on a Single Magnetic Component. IEEE Transactions on Power Electronics, 2009, 24, 1409-1416.	7.9	32
6	A long-life high-power-factor HPS-lamp LED retrofit converter based on the integrated buck-boost buck topology. , 2011, , .		29
7	Optimization of a Front-End DCM Buck PFP for an HPF Integrated Single-Stage LED Driver. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 666-678.	5.4	19
8	High-power-factor light-emitting diode lamp power supply without electrolytic capacitors for high-pressure sodium lamp retrofit applications. IET Power Electronics, 2013, 6, 1502-1515.	2.1	16
9	Arc Dynamic Stabilization in Low-Frequency Square-Wave Electronic Ballast for Metal Halide Lamps. IEEE Transactions on Power Electronics, 2007, 22, 1592-1599.	7.9	14
10	Series Igniters Effects in Metal Halide Lamps Operation With High Frequency Ballasts: Study and Minimization. IEEE Transactions on Power Electronics, 2007, 22, 889-898.	7.9	14
11	Low cost electronic ballast for a 36-W fluorescent lamp based on a current-mode-controlled boost inverter for a 120-V DC bus power distribution. IEEE Transactions on Power Electronics, 2006, 21, 1099-1106.	7.9	11
12	LED Series Current Regulator Based on a Modified Class-E Resonant Inverter. IEEE Transactions on Industrial Electronics, 2018, 65, 9488-9497.	7.9	11
13	Study on Passive Self-Equalization of Parallel-Connected LED Strings. IEEE Transactions on Industry Applications, 2015, 51, 2536-2543.	4.9	9
14	Design and Implementation of a Microcontroller-Based High Power Factor Electronic Ballast to Supply Metal Halide Lamps. Industrial Electronics Society (IECON ), Annual Conference of IEEE, 2006, , .	0.0	5
15	Cosine Phase Droop Control (CPDC) for the Dual-Active Bridge in lighting smart grids applications. , 2016, , .		5
16	Single-Switch LED Post-Regulator Based on a Modified Class-E Resonant Converter with Voltage Clamp. Electronics (Switzerland), 2019, 8, 798.	3.1	4
17	Optimization of a Series Converter for Low-Frequency Ripple Cancellation of an LED Driver. Electronics (Switzerland), 2019, 8, 664.	3.1	4
18	Closed Loop Control of a Series Class-E Voltage-Clamped Resonant Converter for LED Supply with Dimming Capability. Electronics (Switzerland), 2019, 8, 1380.	3.1	3

#	ARTICLE	IF	CITATIONS
19	A unified switching strategy in bidirectional grid interface DCM flyback stages for public street lighting systems with microgeneration capability. , 2015, , .		1
20	Fast dynamics current control of DCM flyback as PFC front converter for lighting applications. , 2015, , .		0