

SÃ·r, E M

List of Publications by Year in descending order

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46
papers

350
citations

1684188

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46
all docs

46
docs citations

46
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	High-voltage gain dc-dc boost converter with coupled inductors for photovoltaic systems. IET Power Electronics, 2015, 8, 1885-1892.	2.1	98
2	A LED Driver With Switched Capacitor. IEEE Transactions on Industry Applications, 2014, 50, 3046-3054.	4.9	39
3	Junction Temperature Estimation for High Power Light-Emitting Diodes. , 2007, , .		32
4	Low cost self-oscillating ZVS-CV driver for power LEDs. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	24
5	Three-Phase Resonant Switched Capacitor LED Driver With Low Flicker. IEEE Transactions on Industrial Electronics, 2017, 64, 5828-5837.	7.9	20
6	Low cost ZVS PFC driver for power LEDs. , 2009, , .		11
7	A switched-capacitor driver for power LEDs. , 2011, , .		11
8	Self-oscillating flyback driver for power LEDs. , 2009, , .		10
9	Single stage switched capacitor LED driver with high power factor and reduced current ripple. , 2015, , .		8
10	Single-Stage Three-Phase AC-DC Resonant Switched Capacitor LED Driver Without Electrolytic Capacitor and Reduced Number of Controlled Switches. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5675-5686.	5.4	8
11	Non-isolated high step-up DC-DC converter based on coupled inductors, diode-capacitor networks, and voltage multiplier cells. International Journal of Circuit Theory and Applications, 0, , .	2.0	7
12	Stand-alone Photovoltaic System using an UPS Inverter and a Microcontrolled Battery Charger based on a Boost Converter with a 3 State-Commutation Cell. Industrial Electronics Society (IECON), Annual Conference of IEEE, 2006, , .	0.0	6
13	AC-DC single-switch three-phase converter with peak current control for power LEDs. , 2014, , .		6
14	Analysis of high voltage step-up nonisolated DC-DC boost converters. International Journal of Electronics, 0, , 1-15.	1.4	6
15	Off-line a single-stage resonant switched capacitor high-power-factor LED driver. , 2014, , .		5
16	An Extended Design Methodology for LED Lighting Systems Including Lifetime Estimation. IEEE Transactions on Electron Devices, 2016, 63, 4852-4859.	3.0	5
17	Low Cost Educational Tool to Trace the Curves PV Modules. IEEE Latin America Transactions, 2017, 15, 1392-1399.	1.6	5
18	Off-grid PV system to supply a rural school on DC network. Renewable Energy and Power Quality Journal, 2010, 1, 953-956.	0.2	5

#	ARTICLE	IF	CITATIONS
19	High gain qZS dc/dc converter with coupled inductor. , 2016, , .		4
20	A step-down converter with Resonant Switching Capacitor applied in nanogrids to drive power LEDs. , 2017, , .		4
21	A comparative study the percent flicker and photometric measurement in three-phase and single-phase drivers. , 2017, , .		4
22	A step-up switched-capacitor converter for LEDs applied to photovoltaic systems. , 2015, , .		3
23	A dimmable charge-pump ZVS led driver with PFC. , 2015, , .		3
24	A step-up converter with switched capacitor using a small inductor in CCM to drive power leds. , 2015, , .		3
25	Photovoltaic System For Supplying Public Lighting As Peak Demand Shaving. EletrÃnica De PotÃncia, 2024, 12, 113-120.	0.1	3
26	Design of z-source converter dc/dc for a photovoltaic system connected to dc microgrid. , 2015, , .		2
27	High-gain DC-DC converter with current source characteristics at the output for applications in photovoltaic systems and current injection in nanogrids. , 2017, , .		2
28	A charge-pump led driver with PFC and low-frequency-flicker reduction. , 2017, , .		2
29	Case Study: Variable-Voltage DC Bus With Energy Recovery System for Industrial Plants. IEEE Access, 2021, 9, 101277-101288.	4.2	2
30	EXPERIMENTAL EVALUATION OF A MULTIFUNCTIONAL SYSTEM SINGLE-STAGE PV-SHUNT ACTIVE FILTER UNDER PARTIAL SHADING CONDITIONS. EletrÃnica De PotÃncia, 2020, 25, 198-208.	0.1	2
31	PRODUÃÃO E AVALIAÃO DE CHIPS DE GOIABA (PSIDIUM GUAJAVA L.). Brazilian Journal of Development, 2020, 6, 62452-62460.	0.1	2
32	A LED driver with switched capacitor. , 2012, , .		1
33	High gain DC-DC converter applied to photovoltaic system with new proposed to MPPT search. , 2013, , .		1
34	Self-oscillating buck driver for power LEDs. , 2013, , .		1
35	DC bus, an attractive opportunity for energy efficiency in industry. , 2017, , .		1
36	DC/DC Z-Source Converter applied to PV system. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	A Resonant-Switched-Capacitor Step-Down DC-DC Converter in CCM Operation as an LED Driver. , 2019, , .		1
38	Design and Analysis of Output Filter with Long Lifetime E-Cap for AC-DC LED Driver. , 2019, , .		1
39	Boost PFC Sem Sensor De Corrente Utilizando Técnica De Deslocamento De Amostra De Tensão. Eletrônica De Potência, 2024, 22, 63-70.	0.1	1
40	A three-phase switched capacitor converter without electrolytic capacitor and with power LED dimming. , 2015, , .		0
41	High gain QZS DC/DC converter with coupled inductor and capacitor switch. , 2015, , .		0
42	Three-phase switched capacitor converter without electrolytic capacitor for Power LEDs and low output current ripple. , 2015, , .		0
43	High static gain DC-DC converter CUK with current source characteristic for nanogrid application. , 2017, , .		0
44	A Current Sharing Using Switched-Capacitor ZVS Driver for Power LEDs. Renewable Energy and Power Quality Journal, 0, , 811-816.	0.2	0
45	HIGH-VOLTAGE GAIN DC-DC CONVERTER FOR PHOTOVOLTAIC APPLICATIONS IN DC NANOGIDS. Eletrônica De Potência, 2020, 25, 473-480.	0.1	0
46	Previsão de geração de energia elétrica renovável em curto prazo no estado do Ceará utilizando modelo de regressão prophet. Research, Society and Development, 2022, 11, e12711729579.	0.1	0