

Kumar Modepalli

List of Publications by Year in descending order

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papers

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citations

1477746

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1872312

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17
all docs

17
docs citations

17
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Purpose Offline LED Driver for Illumination and Visible Light Communication. IEEE Transactions on Industry Applications, 2015, 51, 406-419.	3.3	66
2	A Scalable Ñ-Color LED Driver Using Single Inductor Multiple Current Output Topology. IEEE Transactions on Power Electronics, 2016, 31, 3773-3783.	5.4	52
3	A direct AC LED driver with high power factor without the use of passive components. , 2012, , .		36
4	Three-Phase Current-Fed Isolated DC-DC Converter With Zero-Current Switching. IEEE Transactions on Industry Applications, 2017, 53, 242-250.	3.3	30
5	A New Optimum Power Control Scheme for Low-Power Energy Harvesting Systems. IEEE Transactions on Industry Applications, 2013, 49, 2651-2661.	3.3	27
6	Lighting Up with a Dual-Purpose Driver: A Viable Option for a Light-Emitting Diode Driver for Visible Light Communication. IEEE Industry Applications Magazine, 2017, 23, 51-61.	0.3	27
7	IPOP-Connected FB-ZCS DC-DC Converter Modules for Renewable Energy Integration With Medium-Voltage DC Grids. IEEE Transactions on Industry Applications, 2019, 55, 5128-5140.	3.3	13
8	Dual purpose HB-LED driver for illumination and visible light communication. , 2013, , .		10
9	Three-phase current-fed soft-switching DC-DC converter. , 2017, , .		6
10	High-gain soft-switching DC-DC converter with voltage-doubler rectifier modules. , 2017, , .		6
11	Single stage dual purpose offline HB-LED driver with power factor correction for illumination and visible light communication. , 2014, , .		4
12	Offshore wind energy systems using high frequency isolated current-fed modular converters. , 2015, , .		4
13	High-frequency isolated DC-DC converter for offshore wind energy systems. , 2016, , .		3
14	Active pulse shaping circuit for bandwidth enhancement of high-brightness LEDs using GaN devices. , 2018, , .		3
15	A scalable HB-LED driver for multi-color Adaptive lighting systems. , 2015, , .		2
16	An Energy Efficient Li-Fi Transmitter with Single Inductor Multiple Output LED Driver. , 2019, , .		1
17	A single stage offline HB-LED driver with power factor correction for multi-color dynamic lighting systems. , 2015, , .		0