

# Kumar Modepalli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5146732/publications.pdf>

Version: 2024-02-01

17  
papers

290  
citations

1477746

6  
h-index

1872312

6  
g-index

17  
all docs

17  
docs citations

17  
times ranked

296  
citing authors

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