

Somnath Pal

List of Publications by Year in descending order

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11
papers

77
citations

2258059

3
h-index

1588992

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all docs

11
docs citations

11
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Wall-Switched Step-Dimming Concept in LED Lighting Systems Using PFC Zeta Converter. IEEE Transactions on Industrial Electronics, 2015, 62, 6272-6283.	7.9	38
2	Improved power quality opto-couplerless Cuk converter for flickerless LED lighting. , 2015, , .		11
3	A Universal Input CrCM Luo Converter With Low-Cost Pilot-Line Dimming Concept for General Purpose LED Lighting Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 4895-4904.	11.3	6
4	An efficient wide input wide output CrCM flyback converter in high power LED lighting. International Transactions on Electrical Energy Systems, 2020, 30, e12445.	1.9	6
5	High efficiency wide input extreme output (WIEO) tapped inductor buck-boost converter for high power LED lighting. IET Power Electronics, 2020, 13, 535-544.	2.1	4
6	A Universal Input PFC CSC Converter in Low Power Consumer Lighting Applications. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 410-417.	3.2	3
7	A Novel Cost-Effective Dual-Colored LED Lighting in Household Applications. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 4425-4434.	5.4	3
8	A Highly Efficient Coupled-Inductor SEPIC Topology Based PFC DC-DC Converter for Low Power LED Lighting Systems. IETE Technical Review (Institution of Electronics and Telecommunication Engineers,) Tj ETQq0 0 0.2 BT / Overlock 10 T		
9	Quasi-constant bus voltage CrCM boost PFC fed LLC resonant converter in high power LED lighting systems. International Journal of Circuit Theory and Applications, 2021, 49, 1583-1598.	2.0	2
10	Novel distortionless dimming in high power LED lighting using isolated SEPIC converter. IET Power Electronics, 2020, 13, 3234-3242.	2.1	2
11	Constant DC-bus critical conduction mode Zeta converter fed primary-side regulated LLC resonant converter in LED lighting applications. International Journal of Circuit Theory and Applications, 0, , .	2.0	0