

Syam Kumar Pidaparthu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A New Design Method for Multistage DC Power Distribution Systems. , 2020, , .		2
2	A New Approach to Designing Type 3 Compensator for Voltage-Mode Controlled Buck Converter. , 2020, , .		2
3	Loading Effects on Upstream Converter's Input Impedance in Multistage Dc Power Distribution Systems. , 2019, , .		0
4	A Load Impedance Specification of DC Power Systems for Desired DC-Link Dynamics and Reduced Conservativeness. IEEE Transactions on Power Electronics, 2019, 34, 1407-1419.	7.9	9
5	Output Impedance Analysis of PWM DC-to-DC Converters. , 2019, , .		3
6	Performance Programming Technique for Multi-Stage Dc Power Distribution Systems. , 2018, , .		2
7	Stabilizing Effects of Load Subsystem in Multistage DC-to-DC Power Conversion Systems. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 1589-1603.	5.4	9
8	A load impedance specification of dc power systems for desired dc link dynamics and reduced conservativeness. , 2017, , .		1
9	Stabilizing effects of load subsystem in multi-stage dc-to-dc power conversion systems. , 2016, , .		4
10	Input Impedances of PWM DC-DC Converters: Unified Analysis and Application Example. Journal of Power Electronics, 2016, 16, 2045-2056.	1.5	7
11	Current Mode Control for LLC Series Resonant DC-to-DC Converters. Energies, 2015, 8, 6098-6113.	3.1	12
12	Control Design and Loop Gain Analysis of DC-to-DC Converters Intended for General Load Subsystems. Mathematical Problems in Engineering, 2015, 2015, 1-10.	1.1	7
13	Performance of an interleaved boundary conduction mode boost PFC converter with wide band-gap switching devices. , 2015, , .		8
14	Stability analysis of PWM converters connected to general load subsystems. , 2015, , .		11
15	Designing control loop for PWM converters in dc-to-dc power conversion systems. , 2014, , .		6
16	Design and performance evaluation of digital control for LLC series resonant dc-to-dc converters. , 2014, , .		1