

Vivek Sankaranarayanan

List of Publications by Year in descending order

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9
papers

68
citations

1937685
4
h-index

2272923
4
g-index

9
all docs

9
docs citations

9
times ranked

30
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Efficiency Optimization of a Closed-Loop Controlled SiC-Based Bidirectional Boost Converter. IEEE Transactions on Power Electronics, 2022, 37, 4008-4021.	7.9	7
2	Modeling and Design of High-Power, High-Current-Ripple Planar Inductors. IEEE Transactions on Power Electronics, 2022, 37, 5816-5832.	7.9	13
3	State-of-Charge Balancing With Parallel and Series Output Connected Battery Power Modules. IEEE Transactions on Power Electronics, 2022, 37, 6669-6677.	7.9	12
4	Thermal Design, Optimization, and Packaging of Planar Magnetic Components. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 1480-1488.	2.5	15
5	Online Efficiency Optimization of a Closed-Loop Controlled SiC-Based Boost Converter. , 2020, , .		5
6	Transient Mitigation in Mode Transitions for Composite DC-DC Converters. , 2020, , .		1
7	Soft Startup Strategies for DAB-Based DCX in Composite Converters. , 2020, , .		2
8	Controller Hardware-in-the-Loop Validation of a Modular Control Architecture for a Composite DC-DC Converter. , 2019, , .		4
9	Drive-Cycle Optimized 99% Efficient SiC Boost Converter Using Planar Inductor with Enhanced Thermal Management. , 2019, , .		9