

Chuan Shi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Single-Phase Integrated Onboard Battery Charger Using Propulsion System for Plug-in Electric Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 10899-10910.	6.3	120
2	A Three-Phase Integrated Onboard Charger for Plug-In Electric Vehicles. IEEE Transactions on Power Electronics, 2018, 33, 4716-4725.	7.9	101
3	A SiC-Based High-Efficiency Isolated Onboard PEV Charger With Ultrawide DC-Link Voltage Range. IEEE Transactions on Industry Applications, 2017, 53, 501-511.	4.9	100
4	Interleaved SEPIC Power Factor Preregulator Using Coupled Inductors In Discontinuous Conduction Mode With Wide Output Voltage. IEEE Transactions on Industry Applications, 2016, 52, 3461-3471.	4.9	60
5	Input Voltage Sensorless Duty Compensation Control for a Three-Phase Boost PFC Converter. IEEE Transactions on Industry Applications, 2017, 53, 1527-1537.	4.9	41
6	A Two-Stage Three-Phase Integrated Charger for Electric Vehicles With Dual Cascaded Control Strategy. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 898-909.	5.4	34
7	Power Split Control Strategy for an EV Powertrain With Two Propulsion Machines. IEEE Transactions on Transportation Electrification, 2015, 1, 382-390.	7.8	28
8	Design and Optimization of a Solar Power Conversion System for Space Applications. IEEE Transactions on Industry Applications, 2019, 55, 2310-2319.	4.9	23
9	Single-Phase Charging Operation of a Three-Phase Integrated Onboard Charger for Electric Vehicles. , 2018, , .		15
10	Management and storage of energy converted via a pyroelectric heat engine. Applied Energy, 2018, 230, 1326-1331.	10.1	13
11	Energy storage systems for EVs with two propulsion machines. , 2017, , .		6
12	A supervisory controller for a hybrid energy storage system with two propulsion machines in electric vehicles. , 2015, , .		3