Amin Ghazanfari

List of Publications by Year
in descending order

13 papers	569 citations	1163117 8 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	780 citing authors

#	Article	IF	Citations
1	Active Power Management of Multihybrid Fuel Cell/Supercapacitor Power Conversion System in a Medium Voltage Microgrid. IEEE Transactions on Smart Grid, 2012, 3, 1903-1910.	9.0	172
2	A Resilient Framework for Fault-Tolerant Operation of Modular Multilevel Converters. IEEE Transactions on Industrial Electronics, 2016, 63, 2669-2678.	7.9	99
3	Integrating Hybrid Power Source Into an Islanded MV Microgrid Using CHB Multilevel Inverter Under Unbalanced and Nonlinear Load Conditions. IEEE Transactions on Energy Conversion, 2013, 28, 643-651.	5.2	92
4	Modeling and Design of an Oscillatory Current-Sharing Control Strategy in DC Microgrids. IEEE Transactions on Industrial Electronics, 2015, 62, 6647-6657.	7.9	75
5	A Hierarchical Permutation Cyclic Coding Strategy for Sensorless Capacitor Voltage Balancing in Modular Multilevel Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2016, 4, 576-588.	5.4	51
6	Simple Voltage Balancing Approach for CHB Multilevel Inverter Considering Low Harmonic Content Based on a Hybrid Optimal Modulation Strategy. IEEE Transactions on Power Delivery, 2012, 27, 2150-2158.	4.3	37
7	The Path to a Vehicle-to-Grid Future: Powering Electric Mobility Forward. IEEE Industrial Electronics Magazine, 2022, 16, 4-13.	2.6	11
8	New Submodule Improving Fault-Tolerant Capability of Modular Multilevel Converters. IEEE Transactions on Energy Conversion, 2020, 35, 662-671.	5.2	9
9	A Resilient Distributed Decentralized Control Framework for DC Parking Lots. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	8
10	Decentralized Cooperative Control for Smart DC Home With DC Fault Handling Capability. IEEE Transactions on Smart Grid, 2018, 9, 5249-5259.	9.0	7
11	Integrating hybrid power source into an islanded MV microgrid using CHB multilevel inverter under unbalanced and nonlinear load conditions. , 2014, , .		5
12	Oscillatory current management for DC microgrids with high penetration of single-phase AC loads. , 2014, , .		3
13	A decentralized control strategy with dc fault handling capability for smart dc buildings. , 2017, , .		0