Weizhen Dong

List of Publications by Year
in descending order

10 papers	154 citations	1478505 6 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	120 citing authors

#	Article	IF	Citations
1	Control of a Buck DC/DC Converter Using Approximate Dynamic Programming and Artificial Neural Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 1760-1768.	5.4	46
2	A novel cascaded control to improve stability and inertia of parallel buck-boost converters in DC microgrid. International Journal of Electrical Power and Energy Systems, 2020, 119, 105950.	5.5	27
3	Energy management and demand response with intelligent learning for multi-thermal-zone buildings. Energy, 2020, 210, 118411.	8.8	22
4	Artificial Neural Network Control of A Standalone DC Microgrid. , 2018, , .		18
5	Virtual Synchronous Generator and SMC-Based Cascaded Control for Voltage-Source Grid-Supporting Inverters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 2722-2736.	5.4	17
6	An Iterative Optimization and Learning-Based IoT System for Energy Management of Connected Buildings. IEEE Internet of Things Journal, 2022, 9, 21246-21259.	8.7	7
7	Approximate Dynamic Programming Vector Controllers for Operation of IPM Motors in Linear and Overmodulation Regions. IEEE Transactions on Transportation Electrification, 2021, 7, 659-670.	7.8	6
8	Decoupled AC/DC Power Flow Strategy for Multiterminal HVDC Systems. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.8	4
9	A Learning-based Load, PV and Energy Storage System Control for Nearly Zero Energy Building. , 2020, , .		4
10	Small Signal Modeling, Control and Experimentation of Boost Converter Including Parasitic Elements. Journal of Control, Automation and Electrical Systems, 2021, 32, 956-967.	2.0	3