Pau Marti Colom

List of Publications by Year
in descending order

15	319	933447 10	1125743 13
papers	citations	h-index	g-index

16	16	16	326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Secondary Switched Control With no Communications for Islanded Microgrids. IEEE Transactions on Industrial Electronics, 2017, 64, 8534-8545.	7.9	77
2	Active Power Sharing and Frequency Regulation in Droop-Free Control for Islanded Microgrids Under Electrical and Communication Failures. IEEE Transactions on Industrial Electronics, 2020, 67, 6461-6472.	7.9	45
3	Comparative study of reactive power control methods for photovoltaic inverters in lowâ€voltage grids. IET Renewable Power Generation, 2016, 10, 310-318.	3.1	42
4	Impact of Clock Drifts on Communication-Free Secondary Control Schemes for Inverter-Based Islanded Microgrids. IEEE Transactions on Industrial Electronics, 2018, 65, 4739-4749.	7.9	29
5	Performance Evaluation of Secondary Control Policies with Respect to Digital Communications Properties in Inverter-based Islanded Microgrids. IEEE Transactions on Smart Grid, 2016, , 1-1.	9.0	24
6	Local Frequency Restoration for Droop-Controlled Parallel Inverters in Islanded Microgrids. IEEE Transactions on Energy Conversion, 2019, 34, 1232-1241.	5.2	22
7	Analysis of the Effect of Clock Drifts on Frequency Regulation and Power Sharing in Inverter-Based Islanded Microgrids. IEEE Transactions on Power Electronics, 2018, 33, 10363-10379.	7.9	20
8	Local Secondary Control for Inverter-Based Islanded Microgrids With Accurate Active Power Sharing Under High-Load Conditions. IEEE Transactions on Industrial Electronics, 2019, 66, 2529-2539.	7.9	19
9	Analysis of Consensus-Based Islanded Microgrids Subject to Unexpected Electrical and Communication Partitions. IEEE Transactions on Smart Grid, 2019, 10, 5125-5135.	9.0	12
10	Collaborative Voltage Unbalance Elimination in Grid-Connected AC Microgrids With Grid-Feeding Inverters. IEEE Transactions on Power Electronics, 2021, 36, 7189-7201.	7.9	12
11	Synchronization of local integral controllers for frequency restoration in islanded microgrids. , 2016, , .		8
12	Enabling Grid-Feeding Converters With a Dissonant-Resonant Controller for Negative-Sequence Voltage Elimination. IEEE Transactions on Power Electronics, 2020, 35, 4342-4352.	7.9	5
13	Complex Power Sharing Is Not Complex. IEEE Transactions on Smart Grid, 2022, 13, 1762-1773.	9.0	3
14	A distributed control for accurate activeâ€power sharing in islanded microgrids subject to clock drifts. IET Power Electronics, 2021, 14, 518-530.	2.1	1
15	Effects of clock deviations on the performance of microgrids based on virtual synchronous generators. IET Power Electronics, 2021, 14, 2337-2349.	2.1	0