

Pau Marti Colom

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Complex Power Sharing Is Not Complex. IEEE Transactions on Smart Grid, 2022, 13, 1762-1773. | 9.0 | 3 |
| 2 | 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 |
| 3 | A distributed control for accurate active power sharing in islanded microgrids subject to clock drifts. IET Power Electronics, 2021, 14, 518-530. | 2.1 | 1 |
| 4 | Effects of clock deviations on the performance of microgrids based on virtual synchronous generators. IET Power Electronics, 2021, 14, 2337-2349. | 2.1 | 0 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Local Frequency Restoration for Droop-Controlled Parallel Inverters in Islanded Microgrids. IEEE Transactions on Energy Conversion, 2019, 34, 1232-1241. | 5.2 | 22 |
| 10 | 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 |
| 11 | 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 |
| 12 | Secondary Switched Control With no Communications for Islanded Microgrids. IEEE Transactions on Industrial Electronics, 2017, 64, 8534-8545. | 7.9 | 77 |
| 13 | Synchronization of local integral controllers for frequency restoration in islanded microgrids. , 2016, , . | | 8 |
| 14 | 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 |
| 15 | Comparative study of reactive power control methods for photovoltaic inverters in low voltage grids. IET Renewable Power Generation, 2016, 10, 310-318. | 3.1 | 42 |