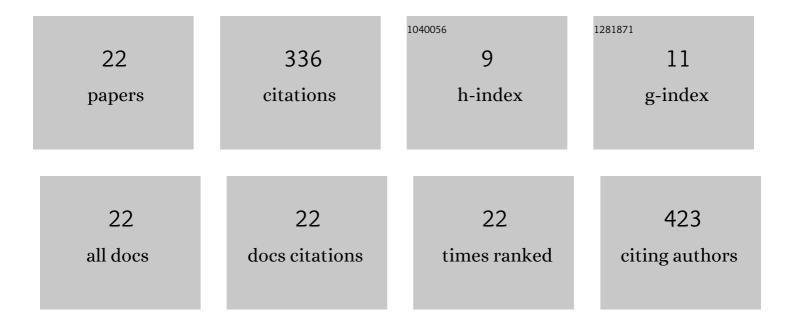
Diego Pérez-Estévez

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Grid Current Control for Active-Front-End Electric Propulsion Systems in AC Ship Microgrids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 1370-1384. | 5.4 | 0 |
| 2 | Equivalence of the Integrator-Based and Disturbance-Observer-Based State-Space Current Controllers for Grid Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 4966-4976. | 7.9 | 11 |
| 3 | Discrete Fundamental AC Voltage Controller for Three-Phase Standalone Converters. Energies, 2021, 14, 650. | 3.1 | 1 |
| 4 | A Model Predictive Current Controller With Improved Robustness Against Measurement Noise and Plant Model Variations. IEEE Open Journal of Industry Applications, 2021, 2, 131-142. | 6.5 | 10 |
| 5 | Power Device Losses in Two-Level Converters with Direct Current Controllers for Grid Connected Applications. , 2021, , . | | 1 |
| 6 | Impact of Linear-PWM and MPC controllers on the power device losses in a grid-tied two-level inverter. , 2021, , . | | 0 |
| 7 | AC-Voltage Harmonic Control for Stand-Alone and Weak-Grid-Tied Converter. IEEE Transactions on Industry Applications, 2020, 56, 403-421. | 4.9 | 13 |
| 8 | Carrier-Based PWM Equivalent to Multilevel Multiphase Space Vector PWM Techniques. IEEE Transactions on Industrial Electronics, 2020, 67, 5220-5231. | 7.9 | 37 |
| 9 | A Finite-Control-Set Linear Current Controller With Fast Transient Response and Low Switching Frequency for Grid-Tied Inverters. IEEE Transactions on Industry Applications, 2020, 56, 6546-6564. | 4.9 | 7 |
| 10 | Grid-Tied Inverter With AC Voltage Sensorless Synchronization and Soft Start. IEEE Transactions on Industry Applications, 2019, 55, 4920-4933. | 4.9 | 18 |
| 11 | Linear Current Controller With Fast Transient Response and Low Switching Frequency. , 2019, , . | | 2 |
| 12 | Grid Impedance Identification Using the VSC Switching Ripple. , 2019, , . | | 6 |
| 13 | Enhanced Resonant Current Controller for Grid-Connected Converters With LCL Filter. IEEE Transactions on Power Electronics, 2018, 33, 3765-3778. | 7.9 | 60 |
| 14 | Generalized Multifrequency Current Controller for Grid-Connected Converters With LCL Filter. IEEE Transactions on Industry Applications, 2018, 54, 4537-4553. | 4.9 | 48 |
| 15 | AC Voltage Sensorless Method With Bumpless Start for Current-Controlled Converters Connected to Microgrids. , 2018, , . | | 2 |
| 16 | Robust AC Voltage Controller with Harmonic Elimination for Stand-Alone and Weak-Grid-Connected Operation. , 2018, , . | | 3 |
| 17 | Positive- and Negative-Sequence Current Controller With Direct Discrete-Time Pole Placement for Grid-Tied Converters With LCL Filter. IEEE Transactions on Power Electronics, 2017, 32, 7207-7221. | 7.9 | 56 |
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18 Multi-frequency current controller for grid-tied converters. , 2017, , .

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Improved resonant current controller for grid-tied converters. , 2017, , . | | 1 |
| 20 | Positive- and negative-sequence current control based on direct discrete-time pole placement for grid-connected converters with LCL filter. , 2016, , . | | 1 |
| 21 | Current harmonic compensation for n-phase machines with asymmetrical winding arrangement. , 2016, , \cdot | | 3 |
| 22 | Space-Vector PWM With Common-Mode Voltage Elimination for Multiphase Drives. IEEE Transactions on Power Electronics, 2016, 31, 8151-8161. | 7.9 | 55 |