

Francisco JosÃ© Gimeno Sales

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Switching Pattern Improvement for One-Cycle Zero-Integral-Error Current Controller. IEEE Access, 2022, 10, 158-167. | 4.2 | 2 |
| 2 | Energy Efficiency Optimization in Battery-Based Photovoltaic Pumping Schemes. IEEE Access, 2022, 10, 54064-54078. | 4.2 | 9 |
| 3 | Photovoltaic Water Pumping: Comparison Between Direct and Lithium Battery Solutions. IEEE Access, 2021, 9, 101147-101163. | 4.2 | 13 |
| 4 | One-Cycle Zero-Integral-Error Current Control for Shunt Active Power Filters. Electronics (Switzerland), 2020, 9, 2008. | 3.1 | 5 |
| 5 | Small Wind Turbine Emulator Based on Lambda-Cp Curves Obtained under Real Operating Conditions. Energies, 2019, 12, 2456. | 3.1 | 15 |
| 6 | Deterministic Algorithm for Selective Shunt Active Power Compensators According to IEEE Std. 1459. Energies, 2017, 10, 1791. | 3.1 | 1 |
| 7 | Instantaneous approach to IEEE Std. 1459 power terms and quality indices. Electric Power Systems Research, 2015, 125, 228-234. | 3.6 | 15 |
| 8 | Measurement System for a Power Quality Improvement Structure Based on IEEE Std.1459. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 3177-3188. | 4.7 | 15 |
| 9 | Enhanced Grid Fundamental Positive-Sequence Digital Synchronization Structure. IEEE Transactions on Power Delivery, 2013, 28, 226-234. | 4.3 | 32 |
| 10 | Discussion on Useless Active and Reactive Powers Contained in the IEEE Standard 1459. IEEE Transactions on Power Delivery, 2011, 26, 640-649. | 4.3 | 13 |
| 11 | Meaningful Resolution of the IEEE Std. 1459 Unbalanced Power. IEEE Transactions on Power Systems, 2011, 26, 1783-1784. | 6.5 | 2 |
| 12 | Non-fundamental effective apparent power defined through an instantaneous power approach. International Journal of Electrical Power and Energy Systems, 2011, 33, 1711-1720. | 5.5 | 7 |
| 13 | New Resolution of the Unbalance Power According to Std. 1459. IEEE Transactions on Power Delivery, 2010, 25, 341-350. | 4.3 | 13 |
| 14 | Improved Shunt Active Power Compensator for IEEE Standard 1459 Compliance. IEEE Transactions on Power Delivery, 2010, 25, 2692-2701. | 4.3 | 32 |
| 15 | Selective Compensation in Four-Wire Electric Systems Based on a New Equivalent Conductance Approach. IEEE Transactions on Industrial Electronics, 2009, 56, 2862-2874. | 7.9 | 24 |
| 16 | Selective Shunt Active Power Compensator Applied in Four-Wire Electrical Systems Based on IEEE Std. 1459. IEEE Transactions on Power Delivery, 2008, 23, 2563-2574. | 4.3 | 26 |
| 17 | Achieving Maximum Efficiency in Three-Phase Systems With a Shunt Active Power Compensator Based on IEEE Std. 1459. IEEE Transactions on Power Delivery, 2008, 23, 812-822. | 4.3 | 22 |
| 18 | Photovoltaic inverters used as active filters for improvement of IV distribution networks. , 2008, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Selective Shunt Active Power Compensator in Four Wire Electrical Systems Using Symmetrical Components. Electric Power Components and Systems, 2007, 35, 97-118. | 1.8 | 12 |
| 20 | Approach to unbalance power active compensation under linear load unbalances and fundamental voltage asymmetries. International Journal of Electrical Power and Energy Systems, 2007, 29, 526-539. | 5.5 | 34 |
| 21 | Shunt active power compensator/photovoltaic generator for delta loads using the symmetrical components transformation. , 2005, , . | | 1 |
| 22 | New optimization in photovoltaic installations with energy balance with the three-phase utility. , 2005, , . | | 3 |
| 23 | Modelling and simulation of three phase power active compensator with Matlab/Simulink. , 0, , . | | 6 |
| 24 | Control of shunt unbalanced power active compensators for reactive and asymmetry elimination in four wire electrical systems using symmetrical components. , 0, , . | | 5 |
| 25 | Direct coupling between photovoltaic module and a PWM converter. , 0, , . | | 4 |