Francisco JosÃ© Gimeno Sales

List of Publications by Year
in descending order

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25 papers	314 citations	759233 12 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	249 citing authors

#	Article	IF	Citations
1	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
2	Improved Shunt Active Power Compensator for IEEE Standard 1459 Compliance. IEEE Transactions on Power Delivery, 2010, 25, 2692-2701.	4.3	32
3	Enhanced Grid Fundamental Positive-Sequence Digital Synchronization Structure. IEEE Transactions on Power Delivery, 2013, 28, 226-234.	4.3	32
4	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
5	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
6	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
7	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
8	Instantaneous approach to IEEE Std. 1459 power terms and quality indices. Electric Power Systems Research, 2015, 125, 228-234.	3.6	15
9	Small Wind Turbine Emulator Based on Lambda-Cp Curves Obtained under Real Operating Conditions. Energies, 2019, 12, 2456.	3.1	15
10	New Resolution of the Unbalance Power According to Std. 1459. IEEE Transactions on Power Delivery, 2010, 25, 341-350.	4.3	13
11	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
12	Photovoltaic Water Pumping: Comparison Between Direct and Lithium Battery Solutions. IEEE Access, 2021, 9, 101147-101163.	4.2	13
13	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
14	Energy Efficiency Optimization in Battery-Based Photovoltaic Pumping Schemes. IEEE Access, 2022, 10, 54064-54078.	4.2	9
15	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
16	Modelling and simulation of three phase power active compensator with Matlab/Simulink. , 0, , .		6
17	Control of shunt unbalanced power active compensators for reactive and asymmetry elimination in four wire electrical systems using symmetrical components. , 0, , .		5
18	One-Cycle Zero-Integral-Error Current Control for Shunt Active Power Filters. Electronics (Switzerland), 2020, 9, 2008.	3.1	5

#	Article	IF	Citations
19	Direct coupling between photovoltaic module and a PWM converter. , 0, , .		4
20	New optimization in photovoltaic installations with energy balance with the three-phase utility. , 2005, , .		3
21	Photovoltaic inverters used as active filters for improvement of IV distribution networks. , 2008, , .		3
22	Meaningful Resolution of the IEEE Std. 1459 Unbalanced Power. IEEE Transactions on Power Systems, 2011, 26, 1783-1784.	6.5	2
23	Switching Pattern Improvement for One-Cycle Zero-Integral-Error Current Controller. IEEE Access, 2022, 10, 158-167.	4.2	2
24	Shunt active power compensator/photovoltaic generator for delta loads using the symmetrical components transformation. , 2005, , .		1
25	Deterministic Algorithm for Selective Shunt Active Power Compensators According to IEEE Std. 1459. Energies, 2017, 10, 1791.	3.1	1