

Isabel M Moreno Garcia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/876762/publications.pdf>

Version: 2024-02-01

39
papers

421
citations

840119

11
h-index

794141

19
g-index

42
all docs

42
docs citations

42
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgrids Power Quality Enhancement Using Model Predictive Control. Electronics (Switzerland), 2021, 10, 328.	1.8	13
2	Digitization of an Electronic Instrumentation Laboratory Practice: Measurement of an LDR with Arduino. , 2021, , .		3
3	Study of the Dependence of Solar Radiation Regarding Design Variables in Photovoltaic Solar Installations with Optimal Dual-Axis Tracking. Applied Sciences (Switzerland), 2021, 11, 3917.	1.3	1
4	Monitoring of Energy Data with Seamless Temporal Accuracy Based on the Time-Sensitive Networking Standard and Enhanced μ PMUs. Applied Sciences (Switzerland), 2021, 11, 9126.	1.3	1
5	A novel backtracking approach for two-axis solar PV tracking plants. Renewable Energy, 2020, 145, 1214-1221.	4.3	26
6	Influence of the design variables of photovoltaic plants with two-axis solar tracking on the optimization of the tracking and backtracking trajectory. Solar Energy, 2020, 208, 89-100.	2.9	24
7	Analysis of the Influence of Terrain Orientation on the Design of PV Facilities with Single-Axis Trackers. Applied Sciences (Switzerland), 2020, 10, 8531.	1.3	5
8	An Approach for the Solar Energy Assessment using Weather Medium-Range Forecasting. , 2019, , .		1
9	A new methodology to prevent shadows in two-axis solar tracking plants. , 2019, , .		0
10	Modeling human activity in Spain for different economic sectors: The potential link between occupancy and energy usage. Journal of Cleaner Production, 2018, 183, 1093-1109.	4.6	7
11	A stochastic modelling and simulation approach to heating and cooling electricity consumption in the residential sector. Energy, 2018, 144, 1080-1091.	4.5	24
12	Modeling of photovoltaic cell temperature losses: A review and a practice case in South Spain. Renewable and Sustainable Energy Reviews, 2018, 90, 70-89.	8.2	55
13	Implementation of an Educational Platform on Power Quality. , 2018, , .		2
14	Educational platform for reliability assessment of power quality. , 2018, , .		4
15	Development and application of a smart grid test bench. Journal of Cleaner Production, 2017, 162, 45-60.	4.6	13
16	Appliances in the residential sector: Economic impact of harmonic losses. , 2017, , .		0
17	PV Hosting Capacity Analysis and Enhancement Using High Resolution Stochastic Modeling. Energies, 2017, 10, 1488.	1.6	20
18	Graphical Diagnosis of Performances in Photovoltaic Systems: A Case Study in Southern Spain. Energies, 2017, 10, 1964.	1.6	11

#	ARTICLE	IF	CITATIONS
19	An Embedded System in Smart Inverters for Power Quality and Safety Functionality. Energies, 2016, 9, 219.	1.6	8
20	Real-Time Monitoring System for a Utility-Scale Photovoltaic Power Plant. Sensors, 2016, 16, 770.	2.1	52
21	Streetlight Control System Based on Wireless Communication over DALI Protocol. Sensors, 2016, 16, 597.	2.1	35
22	Causal and Anti-Causal Segmentation of Voltage Dips in Power Distribution Networks. IEEE Latin America Transactions, 2016, 14, 3080-3086.	1.2	3
23	Performance monitoring of a solar photovoltaic power plant using an advanced real-time system. , 2016, , .		4
24	Smart community load matching using stochastic demand modeling and historical production data. , 2016, , .		3
25	Influence of photovoltaic installation angles and geographical dispersion in the smoothing of photovoltaic fleet power fluctuations. , 2016, , .		1
26	Novel Segmentation Technique for Measured Three-Phase Voltage Dips. Energies, 2015, 8, 8319-8338.	1.6	7
27	Implementation of a real time monitoring system for a grid-connected PV park. , 2015, , .		6
28	Embedding Synchronized Measurement Technology for Smart Grid Development. IEEE Transactions on Industrial Informatics, 2013, 9, 52-61.	7.2	42
29	IEC 61850 GOOSE transfer time measurement in development stage. , 2013, , .		4
30	Implementation of a Smart Grid Inverter through Embedded Systems. Elektronika Ir Elektrotechnika, 2013, 19, .	0.4	2
31	Intelligent electronic device for Smart Grid: Statistical approach applied to event detection. , 2012, , .		4
32	Design of an Intelligent Electronic Device to control a private microgrid. , 2012, , .		6
33	Smart Grid Inverter Interface: Statistical approach applied to event detection. , 2012, , .		2
34	Platform for Embedded Systems Design in the Smart Grid Framework. Advances in Intelligent and Soft Computing, 2012, , 593-600.	0.2	4
35	Electromagnetic compatibility test system. , 2011, , .		0
36	Synchronism with Software-Based IEEE 1588–2008 for Smart Grid. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	Synchrophasor integration in IEC 61850 standard for SmartGrid and synchronism with PTP-base system. , 2011, , .		5
38	Deterministic Ethernet synchronism with PTP-base system for synchrophasor in Smart Grid. , 2011, , .		4
39	A experimental IEEE1588-BASED system for synchronized phasor measurement in electric substation. , 2010, , .		2