

Reyes S Herrera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8664875/publications.pdf>

Version: 2024-02-01

38
papers

861
citations

759233

12
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

637
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Tuning PLL: A New, Easy, Fast and Highly Efficient Phase-Locked Loop Algorithm. IEEE Transactions on Energy Conversion, 2022, 37, 1164-1175.	5.2	4
2	Complete and versatile remote controller for PV systems. International Journal of Electrical Power and Energy Systems, 2022, 142, 108324.	5.5	1
3	Grid-Connected PV Systems Controlled by Sliding via Wireless Communication. Energies, 2021, 14, 1931.	3.1	8
4	Can any of the most used phase locked loop circuits be considered as the universal?. , 2021, , .		0
5	Easy and Secure Handling of Sensors and Actuators as Cloud-Based Service. IEEE Access, 2020, 8, 10433-10442.	4.2	6
6	Wireless Sliding MPPT Control of Photovoltaic Systems in Distributed Generation Systems. Energies, 2019, 12, 3226.	3.1	5
7	A Fully Integrated Open Solution for the Remote Operation of Pilot Plants. IEEE Transactions on Industrial Informatics, 2019, 15, 3943-3951.	11.3	11
8	Exploratory study of the acceptance of two individual practical classes with remote labs. European Journal of Engineering Education, 2018, 43, 278-295.	2.3	24
9	Controlled and Secure Access to Promote the Industrial Internet of Things. IEEE Access, 2018, 6, 48289-48299.	4.2	7
10	Programming and testing a PLC to control a scalable industrial plant in remote way. , 2017, , .		3
11	Easy Handling of Sensors and Actuators over TCP/IP Networks by Open Source Hardware/Software. Sensors, 2017, 17, 94.	3.8	40
12	Exploring the usability of a remote laboratory for photovoltaic systems. IFAC-PapersOnLine, 2015, 48, 7-12.	0.9	8
13	Comparing Remote Laboratories from the Student Perspective. IFAC-PapersOnLine, 2015, 48, 176-181.	0.9	8
14	Unbalance and harmonic distortion assessment in an experimental distribution network. Electric Power Systems Research, 2015, 127, 271-279.	3.6	11
15	Identification of unbalanced loads in electric power systems. International Transactions on Electrical Energy Systems, 2014, 24, 1232-1243.	1.9	10
16	Adaptive backstepping control of a DC-DC converter in photovoltaic systems. , 2013, , .		5
17	Neuro-fuzzy control of a grid-connected photovoltaic system with power quality improvement. , 2013, , .		9
18	Harmonic disturbance identification in electrical systems with capacitor banks. Electric Power Systems Research, 2012, 82, 18-26.	3.6	13

#	ARTICLE	IF	CITATIONS
19	ANALISIS DE LAS DEFINICIONES DE DESEQUILIBRIO DE TENSION EN LOS SISTEMAS DE POTENCIA. Dyna (Spain), 2012, 87, 198-203.	0.2	0
20	Practical design of a control strategy based in current and voltage detection for hybrid power filters. , 2011, , .		3
21	A practical assessment of different active power filter configurations. , 2011, , .		2
22	Distortion sources identification in power systems with capacitor banks. , 2011, , .		1
23	Four Active Filter Topologies to Compensate Different Kinds of Distortion Sources. EPE Journal (European Power Electronics and Drives Journal), 2011, 21, 34-41.	0.7	0
24	Instantaneous reactive power theory—A general approach to poly-phase systems. Electric Power Systems Research, 2009, 79, 1263-1270.	3.6	27
25	New Distortion and Unbalance Indices Based on Power Quality Analyzer Measurements. IEEE Transactions on Power Delivery, 2009, 24, 501-507.	4.3	22
26	Instantaneous Reactive Power Theory: A Reference in the Nonlinear Loads Compensation. IEEE Transactions on Industrial Electronics, 2009, 56, 2015-2022.	7.9	114
27	Present point of view about the instantaneous reactive power theory. IET Power Electronics, 2009, 2, 484-495.	2.1	36
28	A new approach for three-phase loads compensation based on the instantaneous reactive power theory. Electric Power Systems Research, 2008, 78, 605-617.	3.6	18
29	Instantaneous Reactive Power Theory Applied to Active Power Filter Compensation: Different Approaches, Assessment, and Experimental Results. IEEE Transactions on Industrial Electronics, 2008, 55, 184-196.	7.9	293
30	A New Control for a Combined System of Shunt Passive and Series Active Filters. , 2007, , .		5
31	Instantaneous Reactive Power Theory to N Wire Systems. , 2007, , .		5
32	Mapping matrices against vectorial frame in the instantaneous reactive power compensation. IET Electric Power Applications, 2007, 1, 727.	1.8	15
33	Instantaneous Reactive Power Theory: A Comparative Evaluation of Different Formulations. IEEE Transactions on Power Delivery, 2007, 22, 595-604.	4.3	81
34	Distorted and Unbalanced Systems Compensation Within Instantaneous Reactive Power Framework. IEEE Transactions on Power Delivery, 2006, 21, 1655-1662.	4.3	55
35	Power quality evaluation indices in three-phase networks. , 2005, , .		1
36	A unified power quality conditioner for wide load range: Practical design and experimental results. , 2005, , .		8

#	ARTICLE	IF	CITATIONS
37	Non-Linear and Unbalanced Three-Phase Load Static Compensation with Asymmetrical and Non Sinusoidal Supply. Renewable Energy and Power Quality Journal, 2004, 1, 246-251.	0.2	1
38	Assessment of harmonic distortion sources in power networks with capacitor banks. Renewable Energy and Power Quality Journal, 0, , 51-56.	0.2	1