

Jesus R Vazquez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

508
citations

933447

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996975

15
g-index

25
all docs

25
docs citations

25
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete and versatile remote controller for PV systems. International Journal of Electrical Power and Energy Systems, 2022, 142, 108324.	5.5	1
2	Grid-Connected PV Systems Controlled by Sliding via Wireless Communication. Energies, 2021, 14, 1931.	3.1	8
3	Centralized MPPT Controller System of PV Modules by a Wireless Sensor Network. IEEE Access, 2020, 8, 71694-71707.	4.2	8
4	A Low-Cost Remote Laboratory for Photovoltaic Systems to Explore the Acceptance of the Students. , 2020, , .		1
5	Wireless Sliding MPPT Control of Photovoltaic Systems in Distributed Generation Systems. Energies, 2019, 12, 3226.	3.1	5
6	MPPT in PV systems under partial shading conditions using artificial vision. Electric Power Systems Research, 2018, 162, 89-98.	3.6	42
7	Backstepping Control of Smart Grid-Connected Distributed Photovoltaic Power Supplies for Telecom Equipment. IEEE Transactions on Energy Conversion, 2015, 30, 1496-1504.	5.2	78
8	Unbalance and harmonic distortion assessment in an experimental distribution network. Electric Power Systems Research, 2015, 127, 271-279.	3.6	11
9	MPPT algorithms comparison in PV systems: P&O, PI, neuro-fuzzy and backstepping controls. , 2015, , .		24
10	Improvement of shunt active power filter compensation through switching output reactances. , 2015, , .		0
11	Backstepping Control of a Buck-Boost Converter in an Experimental PV-System. Journal of Power Electronics, 2015, 15, 1584-1592.	1.5	9
12	Identification of unbalanced loads in electric power systems. International Transactions on Electrical Energy Systems, 2014, 24, 1232-1243.	1.9	10
13	Backstepping Controller Design to Track Maximum Power in Photovoltaic Systems. Automatika, 2014, 55, 22-31.	2.0	17
14	Adaptive backstepping control of a DC-DC converter in photovoltaic systems. , 2013, , .		5
15	Neuro-fuzzy control of a grid-connected photovoltaic system with power quality improvement. , 2013, , .		9
16	A practical assessment of different active power filter configurations. , 2011, , .		2
17	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
18	A New Control for a Combined System of Shunt Passive and Series Active Filters. , 2007, , .		5

#	ARTICLE	IF	CITATIONS
19	Instantaneous Reactive Power Theory to N Wire Systems. , 2007, , .		5
20	Mapping matrices against vectorial frame in the instantaneous reactive power compensation. IET Electric Power Applications, 2007, 1, 727.	1.8	15
21	Active Power-line Conditioners. , 2007, , 231-291.		22
22	Practical Design of a Three-Phase Active Power-Line Conditioner Controlled by Artificial Neural Networks. IEEE Transactions on Power Delivery, 2005, 20, 1037-1044.	4.3	20
23	Compensation in Nonsinusoidal, Unbalanced Three-Phase Four-Wire Systems With Active Power-Line Conditioner. IEEE Transactions on Power Delivery, 2004, 19, 1968-1974.	4.3	66
24	Active power filter control using neural network technologies. IET Electric Power Applications, 2003, 150, 139.	1.4	112
25	A series-parallel configuration of active power filters for VAr and harmonic compensation. , 0, , .		15