

Aranzazu D Martin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

238
citations

1307594

7
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	MPPT in PV systems under partial shading conditions using artificial vision. Electric Power Systems Research, 2018, 162, 89-98.	3.6	42
3	MPPT algorithms comparison in PV systems: P&O, PI, neuro-fuzzy and backstepping controls. , 2015, , .		24
4	Backstepping Controller Design to Track Maximum Power in Photovoltaic Systems. Automatika, 2014, 55, 22-31.	2.0	17
5	A New Real Time Lyapunov Based Controller for Power Quality Improvement in Unified Power Flow Controllers Using Direct Matrix Converters. Energies, 2017, 10, 779.	3.1	13
6	Unbalance and harmonic distortion assessment in an experimental distribution network. Electric Power Systems Research, 2015, 127, 271-279.	3.6	11
7	Neuro-fuzzy control of a grid-connected photovoltaic system with power quality improvement. , 2013, , .		9
8	Backstepping Control of a Buck-Boost Converter in an Experimental PV-System. Journal of Power Electronics, 2015, 15, 1584-1592.	1.5	9
9	Centralized MPPT Controller System of PV Modules by a Wireless Sensor Network. IEEE Access, 2020, 8, 71694-71707.	4.2	8
10	Grid-Connected PV Systems Controlled by Sliding via Wireless Communication. Energies, 2021, 14, 1931.	3.1	8
11	Efficient Wireless Monitoring and Control of a Grid-Connected Photovoltaic System. Applied Sciences (Switzerland), 2021, 11, 2287.	2.5	7
12	Adaptive backstepping control of a DC-DC converter in photovoltaic systems. , 2013, , .		5
13	Wireless Sliding MPPT Control of Photovoltaic Systems in Distributed Generation Systems. Energies, 2019, 12, 3226.	3.1	5
14	A Low-Cost Remote Laboratory for Photovoltaic Systems to Explore the Acceptance of the Students. , 2020, , .		1
15	Complete and versatile remote controller for PV systems. International Journal of Electrical Power and Energy Systems, 2022, 142, 108324.	5.5	1
16	Improvement of shunt active power filter compensation through switching output reactances. , 2015, , .		0