

Luis Gerardo Gonzalez Morales

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

342
citations

1040056

9
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of EV fast charging stations on the power distribution network of a Latin American intermediate city. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 107, 309-318.	16.4	90
2	Maximum-power-point tracking with reduced mechanical stress applied to wind-energy-conversion-systems. <i>Applied Energy</i> , 2010, 87, 2304-2312.	10.1	88
3	Comparative study of speed estimators with highly noisy measurement signals for Wind Energy Generation Systems. <i>Applied Energy</i> , 2011, 88, 805-813.	10.1	24
4	Study of Energy Compensation Techniques in Photovoltaic Solar Systems with the Use of Supercapacitors in Low-Voltage Networks. <i>Energies</i> , 2020, 13, 3755.	3.1	22
5	Effects of the PWM carrier signals synchronization on the DC-link current in back-to-back converters. <i>Applied Energy</i> , 2010, 87, 2491-2499.	10.1	21
6	Peak current mode control of three-phase boost rectifiers in discontinuous conduction mode for small wind power generators. <i>Applied Energy</i> , 2010, 87, 2728-2736.	10.1	14
7	A Data-Driven Forecasting Strategy to Predict Continuous Hourly Energy Demand in Smart Buildings. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7886.	2.5	12
8	Route prioritization of urban public transportation from conventional to electric buses: A new methodology and a study of case in an intermediate city of Ecuador. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111215.	16.4	12
9	A Review of μ V Tracers for Photovoltaic Modules: Topologies and Challenges. <i>Electronics (Switzerland)</i> , 2021, 10, 1283.	3.1	11
10	Sustainable use of spilled turbinable energy in Ecuador: Three different energy storage systems. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 112005.	16.4	11
11	Analysis of the Integration of Drift Detection Methods in Learning Algorithms for Electrical Consumption Forecasting in Smart Buildings. <i>Sustainability</i> , 2022, 14, 5857.	3.2	7
12	Analysis of the Response of L and LCL Filters in Controlled Rectifiers used in Wind Generator Systems with Permanent Magnet Synchronous Generators. <i>IEEE Latin America Transactions</i> , 2018, 16, 2145-2152.	1.6	6
13	Harmonics Reduction and Reactive Power Injection in Wind Generation Systems. <i>Electronics (Switzerland)</i> , 2021, 10, 1964.	3.1	6
14	Average Current Mode Control of Three-Phase Boost Rectifiers with Low Harmonic Distortion Applied to Small Wind Turbines. , 2009, , .		5
15	Data analysis and tools applied to modeling and simulation of a PV system in Ecuador. <i>Enfoque</i> , 2018, 9, 1-12.	0.4	5
16	Detecting Hot Spots in Photovoltaic Panels Using Low-Cost Thermal Cameras. <i>Communications in Computer and Information Science</i> , 2020, , 38-53.	0.5	4
17	Method of monitoring and detection of failures in PV system based on machine learning. <i>Revista Facultad De IngenierAa</i> , 2021, , 26-43.	0.5	3
18	Low power wind energy conversion system based on variable speed permanent magnet synchronous generators. <i>Wind Energy</i> , 2014, 17, 811-827.	4.2	1

#	ARTICLE	IF	CITATIONS
19	Charge Management of Electric Vehicles from Undesired Dynamics in Solar Photovoltaic Generation. Applied Sciences (Switzerland), 2022, 12, 6246.	2.5	0