AndrÃ©s Honrubia Escribano

List of Publications by Year
in descending order

32 papers	1,023 citations	567144 15 h-index	477173 29 g-index
32 all docs	32 docs citations	32 times ranked	1049 citing authors

#	Article	IF	Citations
1	Wind turbine reliability: A comprehensive review towards effective condition monitoring development. Applied Energy, 2018, 228, 1569-1583.	5.1	156
2	An AHP-based multi-criteria model for sustainable supply chain development in the renewable energy sector. Expert Systems With Applications, 2020, 150, 113321.	4.4	128
3	Combining feed-in tariffs and net-metering schemes to balance development in adoption of photovoltaic energy: Comparative economic assessment and policy implications for European countries. Energy Policy, 2017, 102, 440-452.	4.2	105
4	Influence of solar technology in the economic performance of PV power plants in Europe. A comprehensive analysis. Renewable and Sustainable Energy Reviews, 2018, 82, 488-501.	8.2	92
5	Influence of voltage dips on industrial equipment: Analysis and assessment. International Journal of Electrical Power and Energy Systems, 2012, 41, 87-95.	3.3	74
6	Using SCADA Data for Wind Turbine Condition Monitoring: A Systematic Literature Review. Energies, 2020, 13, 3132.	1.6	68
7	Power quality surveys of photovoltaic power plants: characterisation and analysis of gridâ€code requirements. IET Renewable Power Generation, 2015, 9, 466-473.	1.7	57
8	Current signature analysis to monitor DFIG wind turbine generators: A case study. Renewable Energy, 2018, 116, 5-14.	4.3	41
9	Current Signature and Vibration Analyses to Diagnose an In-Service Wind Turbine Drive Train. Energies, 2018, 11, 960.	1.6	36
10	Field Validation of a Standard Type 3 Wind Turbine Model for Power System Stability, According to the Requirements Imposed by IEC 61400-27-1. IEEE Transactions on Energy Conversion, 2018, 33, 137-145.	3.7	29
11	Industry 4.0 enabling sustainable supply chain development in the renewable energy sector: A multi-criteria intelligent approach. Technological Forecasting and Social Change, 2022, 182, 121813.	6.2	29
12	In-Service Wind Turbine DFIG Diagnosis Using Current Signature Analysis. IEEE Transactions on Industrial Electronics, 2020, 67, 2262-2271.	5.2	27
13	Generic Type 3 Wind Turbine Model Based on IEC 61400-27-1: Parameter Analysis and Transient Response under Voltage Dips. Energies, 2017, 10, 1441.	1.6	19
14	Field Validation of Generic Type 4 Wind Turbine Models Based on IEC and WECC Guidelines. IEEE Transactions on Energy Conversion, 2019, 34, 933-941.	3.7	16
15	Validation of Generic Models for Variable Speed Operation Wind Turbines Following the Recent Guidelines Issued by IEC 61400-27. Energies, 2016, 9, 1048.	1.6	15
16	Generic Type 3 WT models: comparison between IEC and WECC approaches. IET Renewable Power Generation, 2019, 13, 1168-1178.	1.7	14
17	Compliance of a Generic Type 3 WT Model with the Spanish Grid Code. Energies, 2019, 12, 1631.	1.6	13
18	Vertical Wind Profile Characterization and Identification of Patterns Based on a Shape Clustering Algorithm. IEEE Access, 2019, 7, 30890-30904.	2.6	12

#	Article	IF	Citations
19	Submission of a WECC DFIG Wind Turbine Model to Spanish Operation Procedure 12.3. Energies, 2019, 12, 3749.	1.6	12
20	Wind Resource and Wind Power Generation Assessment for Education in Engineering. Sustainability, 2021, 13, 2444.	1.6	11
21	Long-Term Operational Data Analysis of an In-Service Wind Turbine DFIG. IEEE Access, 2019, 7, 17896-17906.	2.6	9
22	Contribution of wind energy to balancing markets: The case of Spain. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e300.	1.9	8
23	Implementation of IEC 61400-27-1 Type 3 Model: Performance Analysis under Different Modeling Approaches. Energies, 2019, 12, 2690.	1.6	8
24	Short-Circuit Current Contribution of Doubly-Fed Wind Turbines According to IEC and IEEE Standards. IEEE Transactions on Power Delivery, 2021, 36, 2904-2912.	2.9	8
25	Requirements for Validation of Dynamic Wind Turbine Models: An International Grid Code Review. Electronics (Switzerland), 2020, 9, 1707.	1.8	7
26	Failure rate and downtime survey of wind turbines located in Spain. IET Renewable Power Generation, 2021, 15, 225-236.	1.7	7
27	Advanced teaching method for learning power system operation based on load flow simulations. Computer Applications in Engineering Education, 0, , .	2.2	7
28	Fault-Ride Trough Validation of IEC 61400-27-1 Type 3 and Type 4 Models of Different Wind Turbine Manufacturers. Energies, 2019, 12, 3039.	1.6	6
29	Evaluation of the latest Spanish grid code requirements from a PV power plant perspective. Energy Reports, 2022, 8, 8589-8604.	2.5	5
30	Fault Evolution Monitoring of an In-Service Wind Turbine DFIG Using Windowed Scalogram Difference. IEEE Access, 2021, 9, 90118-90125.	2.6	3
31	Learning Load Flow Analysis in Electric Power Systems: A Case Study in PowerFactory. , 2022, , .		1
32	SISTEMAS DE EVALUACIÃ“N DEL RECURSO EÃ“LICO: INTEGRACIÃ“N DE NUEVAS SOLUCIONES BASADAS EN TECNOLOGÃA LÃSER. Dyna (Spain), 2012, 87, 540-548.	0.1	0