Andrs Honrubia Escribano

List of Publications by Year in Descending Order

28 papers	628 citations	13 h-index	24 g-index
32 ext. papers	830 ext. citations	4.7 avg, IF	4.67 L-index

#	Paper	IF	Citations
28	Failure rate and downtime survey of wind turbines located in Spain. *IET Renewable Power Generation*, **2021**, 15, 225-236	2.9	4
27	Wind Resource and Wind Power Generation Assessment for Education in Engineering. *Sustainability* , **2021**, 13, 2444	3.6	5
26	. *IEEE Access*, **2021**, 1-1	3.5	2
25	Short-Circuit Current Contribution of Doubly-Fed Wind Turbines According to IEC and IEEE Standards. *IEEE Transactions on Power Delivery*, **2020**, 1-1	4.3	1
24	Requirements for Validation of Dynamic Wind Turbine Models: An International Grid Code Review. *Electronics (Switzerland)*, **2020**, 9, 1707	2.6	3
23	Using SCADA Data for Wind Turbine Condition Monitoring: A Systematic Literature Review. *Energies*, **2020**, 13, 3132	3.1	32
22	An AHP-based multi-criteria model for sustainable supply chain development in the renewable energy sector. *Expert Systems With Applications*, **2020**, 150, 113321	7.8	61
21	In-Service Wind Turbine DFIG Diagnosis Using Current Signature Analysis. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 2262-2271	8.9	15
20	Generic Type 3 WT models: comparison between IEC and WECC approaches. *IET Renewable Power Generation*, **2019**, 13, 1168-1178	2.9	10
19	Compliance of a Generic Type 3 WT Model with the Spanish Grid Code. *Energies*, **2019**, 12, 1631	3.1	9
18	Vertical Wind Profile Characterization and Identification of Patterns Based on a Shape Clustering Algorithm. *IEEE Access*, **2019**, 7, 30890-30904	3.5	7
17	Long-Term Operational Data Analysis of an In-Service Wind Turbine DFIG. *IEEE Access*, **2019**, 7, 17896-17906	3.5	5
16	Implementation of IEC 61400-27-1 Type 3 Model: Performance Analysis under Different Modeling Approaches. *Energies*, **2019**, 12, 2690	3.1	6
15	Fault-Ride Trough Validation of IEC 61400-27-1 Type 3 and Type 4 Models of Different Wind Turbine Manufacturers. *Energies*, **2019**, 12, 3039	3.1	6
14	Submission of a WECC DFIG Wind Turbine Model to Spanish Operation Procedure 12.3. *Energies*, **2019**, 12, 3749	3.1	8
13	Field Validation of Generic Type 4 Wind Turbine Models Based on IEC and WECC Guidelines. *IEEE Transactions on Energy Conversion*, **2019**, 34, 933-941	5.4	10
12	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	16.2	58

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11	Current signature analysis to monitor DFIG wind turbine generators: A case study. *Renewable Energy*, **2018**, 116, 5-14	8.1	30
10	Current Signature and Vibration Analyses to Diagnose an In-Service Wind Turbine Drive Train. *Energies*, **2018**, 11, 960	3.1	24
9	Wind turbine reliability: A comprehensive review towards effective condition monitoring development. *Applied Energy*, **2018**, 228, 1569-1583	10.7	95
8	Contribution of wind energy to balancing markets: The case of Spain. *Wiley Interdisciplinary Reviews: Energy and Environment*, **2018**, 7, e300	4.7	4
7	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	5.4	23
6	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	7.2	75
5	Generic Type 3 Wind Turbine Model Based on IEC 61400-27-1: Parameter Analysis and Transient Response under Voltage Dips. *Energies*, **2017**, 10, 1441	3.1	16
4	Validation of Generic Models for Variable Speed Operation Wind Turbines Following the Recent Guidelines Issued by IEC 61400-27. *Energies*, **2016**, 9, 1048	3.1	13
3	Power quality surveys of photovoltaic power plants: characterisation and analysis of grid-code requirements. *IET Renewable Power Generation*, **2015**, 9, 466-473	2.9	44
2	Influence of voltage dips on industrial equipment: Analysis and assessment. *International Journal of Electrical Power and Energy Systems*, **2012**, 41, 87-95	5.1	59
1	Advanced teaching method for learning power system operation based on load flow simulations. *Computer Applications in Engineering Education*,	1.6	2