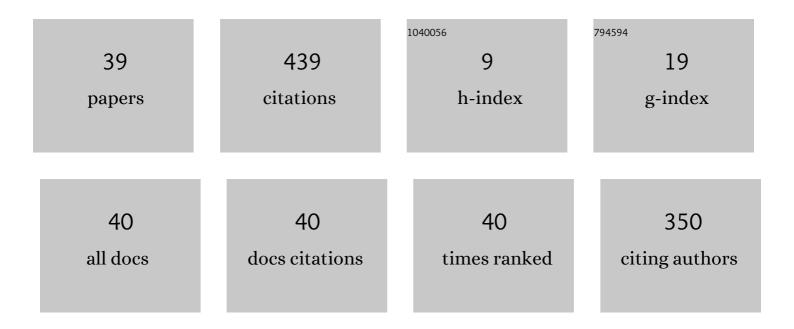
Eduardo Quiles

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Intermittent Failure Dynamics Characterization. IEEE Transactions on Reliability, 2012, 61, 649-658.	4.6	87
2	Integration of Marine Wave Energy Converters into Seaports: A Case Study in the Port of Valencia. Energies, 2019, 12, 787.	3.1	57
3	Accurate Sizing of Residential Stand-Alone Photovoltaic Systems Considering System Reliability. Sustainability, 2020, 12, 1274.	3.2	36
4	Evaluating the Effect of Stimuli Color and Frequency on SSVEP. Sensors, 2021, 21, 117.	3.8	20
5	Sensor Buoy System for Monitoring Renewable Marine Energy Resources. Sensors, 2018, 18, 945.	3.8	19
6	Intermittent failure diagnosis in industrial processes. , 0, , .		17
7	Al techniques applied to diagnosis of vibrations failures in wind turbines. IEEE Latin America Transactions, 2020, 18, 1478-1486.	1.6	17
8	Solar Panels String Predictive and Parametric Fault Diagnosis Using Low-Cost Sensors. Sensors, 2022, 22, 332.	3.8	16
9	Low-Cost Robotic Guide Based on a Motor Imagery Brain–Computer Interface for Arm Assisted Rehabilitation. International Journal of Environmental Research and Public Health, 2020, 17, 699.	2.6	13
10	Centralized modular diagnosis and the phenomenon of coupling. , 0, , .		12
11	Modular Fault Diagnosis Based on Discrete Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 237-256.	1.5	11
12	Diagnosis of intermittent fault dynamics. , 2008, , .		10
13	Cross-Platform Implementation of an SSVEP-Based BCI for the Control of a 6-DOF Robotic Arm. Sensors, 2022, 22, 5000.	3.8	10
14	Application of latent nestling method using Coloured Petri Nets for the Fault Diagnosis in the wind turbine subsets. , 2008, , .		9
15	Failure diagnosis of a cement kiln using expert systems. , 0, , .		8
16	Fault diagnosis with Coloured Petri Nets using Latent Nestling Method. , 2008, , .		8
17	Development of a Test Bench for Wind Turbine Condition Monitoring and Fault Diagnosis. IEEE Latin America Transactions, 2019, 17, 907-913.	1.6	8
18	Mechanical Augmentation Channel Design for Turbine Current Generators. Advances in Mechanical Engineering, 2014, 6, 650131.	1.6	7

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#	Article	IF	CITATIONS
19	Diagnosis of Intermittent Faults in IGBTs Using the Latent Nestling Method with Hybrid Coloured Petri Nets. Mathematical Problems in Engineering, 2015, 2015, 1-14.	1.1	7
20	Marine NMEA 2000 Smart Sensors for Ship Batteries Supervision and Predictive Fault Diagnosis. Sensors, 2019, 19, 4480.	3.8	7
21	Variable voltage off-shore distribution network for wind farms based on synchronous generators. , 2009, , .		6
22	Centralized Modular Diagnosis and the Phenomenon of Coupling. Discrete Event Dynamic Systems: Theory and Applications, 2006, 16, 311-326.	1.5	5
23	Wave Energy Assessment at Valencia Gulf and Comparison of Energy Production of Most Suitable Wave Energy Converters. International Journal of Environmental Research and Public Health, 2020, 17, 8473.	2.6	5
24	Latent Nestling Method: A new fault diagnosis methodology for complex systems. , 2008, , .		4
25	Hydro-wind kinetics integrated module for the renewable energy generation. , 2012, , .		4
26	Optimal maintenance system for offshore wind turbines. Renewable Energy and Power Quality Journal, 2010, 1, 339-343.	0.2	4
27	Predictive Fault Diagnosis for Ship Photovoltaic Modules Systems Applications. Sensors, 2022, 22, 2175.	3.8	4
28	Hybrid Latent Nesting Method: A fault diagnosis case study in the wind turbine subsets. , 2011, , .		3
29	Improving the Sustainability of Self-Consumption with Cooperative DC Microgrids. Sustainability, 2019, 11, 5472.	3.2	3
30	Smart Cooperative Energy Supply Strategy to Increase Reliability in Residential Stand-Alone Photovoltaic Systems. Applied Sciences (Switzerland), 2021, 11, 11723.	2.5	3
31	Petri Net Place Associated to a Continuous or Discretized Control Algorithm. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 217-222.	0.4	2
32	Intermittent failure diagnosis based on discrete event models. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 147-152.	0.4	2
33	Augmentation Channel Design for a Marine Current Turbine in a Floating Cogenerator. IEEE Latin America Transactions, 2017, 15, 1068-1076.	1.6	2
34	Mathematical Model of a Cogeneration System composed of a Floating Wind Turbine and Two Marine Current Turbines. , 2018, , .		2
35	Intelligent alarm management. , 2011, , .		1
36	A Modular Neural Network Scheme Applied to Fault Diagnosis in Electric Power Systems. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	1

#	Article	IF	CITATIONS
37	PNPACDA, Petri nets with places associated to continuous or discretized control algorithms for hybrid systems modelling. , 0, , .		0
38	New Formulation through Artificial Neural Networks in the Diagnosis of Faults in Power Systems: A Modular Approach. , 2008, , .		0
39	Self-growing colored petri net for offshore wind turbines maintenance systems. Renewable Energy and Power Quality Journal, 0, , 530-534.	0.2	0