

Eduardo Quiles

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

439
citations

1040056

9
h-index

794594

19
g-index

40
all docs

40
docs citations

40
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Panels String Predictive and Parametric Fault Diagnosis Using Low-Cost Sensors. <i>Sensors</i> , 2022, 22, 332.	3.8	16
2	Predictive Fault Diagnosis for Ship Photovoltaic Modules Systems Applications. <i>Sensors</i> , 2022, 22, 2175.	3.8	4
3	Cross-Platform Implementation of an SSVEP-Based BCI for the Control of a 6-DOF Robotic Arm. <i>Sensors</i> , 2022, 22, 5000.	3.8	10
4	Evaluating the Effect of Stimuli Color and Frequency on SSVEP. <i>Sensors</i> , 2021, 21, 117.	3.8	20
5	Smart Cooperative Energy Supply Strategy to Increase Reliability in Residential Stand-Alone Photovoltaic Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11723.	2.5	3
6	Wave Energy Assessment at Valencia Gulf and Comparison of Energy Production of Most Suitable Wave Energy Converters. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8473.	2.6	5
7	Accurate Sizing of Residential Stand-Alone Photovoltaic Systems Considering System Reliability. <i>Sustainability</i> , 2020, 12, 1274.	3.2	36
8	AI techniques applied to diagnosis of vibrations failures in wind turbines. <i>IEEE Latin America Transactions</i> , 2020, 18, 1478-1486.	1.6	17
9	Low-Cost Robotic Guide Based on a Motor Imagery Brain-Computer Interface for Arm Assisted Rehabilitation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 699.	2.6	13
10	Improving the Sustainability of Self-Consumption with Cooperative DC Microgrids. <i>Sustainability</i> , 2019, 11, 5472.	3.2	3
11	Integration of Marine Wave Energy Converters into Seaports: A Case Study in the Port of Valencia. <i>Energies</i> , 2019, 12, 787.	3.1	57
12	Development of a Test Bench for Wind Turbine Condition Monitoring and Fault Diagnosis. <i>IEEE Latin America Transactions</i> , 2019, 17, 907-913.	1.6	8
13	Marine NMEA 2000 Smart Sensors for Ship Batteries Supervision and Predictive Fault Diagnosis. <i>Sensors</i> , 2019, 19, 4480.	3.8	7
14	Mathematical Model of a Cogeneration System composed of a Floating Wind Turbine and Two Marine Current Turbines. , 2018, , .		2
15	Sensor Buoy System for Monitoring Renewable Marine Energy Resources. <i>Sensors</i> , 2018, 18, 945.	3.8	19
16	Augmentation Channel Design for a Marine Current Turbine in a Floating Cogenerator. <i>IEEE Latin America Transactions</i> , 2017, 15, 1068-1076.	1.6	2
17	Diagnosis of Intermittent Faults in IGBTs Using the Latent Nestling Method with Hybrid Coloured Petri Nets. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-14.	1.1	7
18	A Modular Neural Network Scheme Applied to Fault Diagnosis in Electric Power Systems. <i>Scientific World Journal</i> , The, 2014, 2014, 1-13.	2.1	1

#	ARTICLE	IF	CITATIONS
19	Mechanical Augmentation Channel Design for Turbine Current Generators. <i>Advances in Mechanical Engineering</i> , 2014, 6, 650131.	1.6	7
20	Hydro-wind kinetics integrated module for the renewable energy generation. , 2012, , .		4
21	Intermittent Failure Dynamics Characterization. <i>IEEE Transactions on Reliability</i> , 2012, 61, 649-658.	4.6	87
22	Intelligent alarm management. , 2011, , .		1
23	Hybrid Latent Nesting Method: A fault diagnosis case study in the wind turbine subsets. , 2011, , .		3
24	Optimal maintenance system for offshore wind turbines. <i>Renewable Energy and Power Quality Journal</i> , 2010, 1, 339-343.	0.2	4
25	Variable voltage off-shore distribution network for wind farms based on synchronous generators. , 2009, , .		6
26	Diagnosis of intermittent fault dynamics. , 2008, , .		10
27	Fault diagnosis with Coloured Petri Nets using Latent Nestling Method. , 2008, , .		8
28	New Formulation through Artificial Neural Networks in the Diagnosis of Faults in Power Systems: A Modular Approach. , 2008, , .		0
29	Application of latent nestling method using Coloured Petri Nets for the Fault Diagnosis in the wind turbine subsets. , 2008, , .		9
30	Latent Nestling Method: A new fault diagnosis methodology for complex systems. , 2008, , .		4
31	Centralized Modular Diagnosis and the Phenomenon of Coupling. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2006, 16, 311-326.	1.5	5
32	Modular Fault Diagnosis Based on Discrete Event Systems. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2005, 15, 237-256.	1.5	11
33	Intermittent failure diagnosis based on discrete event models. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2004, 37, 147-152.	0.4	2
34	Petri Net Place Associated to a Continuous or Discretized Control Algorithm. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2003, 36, 217-222.	0.4	2
35	Failure diagnosis of a cement kiln using expert systems. , 0, , .		8
36	Centralized modular diagnosis and the phenomenon of coupling. , 0, , .		12

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37	PNPACDA, Petri nets with places associated to continuous or discretized control algorithms for hybrid systems modelling. , 0, , .		0
38	Intermittent failure diagnosis in industrial processes. , 0, , .		17
39	Self-growing colored petri net for offshore wind turbines maintenance systems. Renewable Energy and Power Quality Journal, 0, , 530-534.	0.2	0