

# Francisco Morant

## List of Publications by Year in descending order

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24  
papers

478  
citations

1478505

6  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Stochastic DES Fault Diagnosis with Coloured Interpreted Petri Nets. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-13.	1.1	5
3	Identification of Stochastic Timed Discrete Event Systems with st-IPN. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-21.	1.1	8
4	Hydro-wind kinetics integrated module for the renewable energy generation. , 2012, , .		4
5	Intermittent Failure Dynamics Characterization. <i>IEEE Transactions on Reliability</i> , 2012, 61, 649-658.	4.6	87
6	Connection of Off-Shore Wind Farms Using Diode Based HVDC Links. <i>Green Energy and Technology</i> , 2012, , 431-464.	0.6	5
7	Diode-Based HVdc Link for the Connection of Large Offshore Wind Farms. <i>IEEE Transactions on Energy Conversion</i> , 2011, 26, 615-626.	5.2	103
8	Distributed voltage and frequency control of off-shore wind farms connected with a diode based HVDC link. , 2010, , .		2
9	Distributed Voltage and Frequency Control of Offshore Wind Farms Connected With a Diode-Based HVdc Link. <i>IEEE Transactions on Power Electronics</i> , 2010, 25, 3095-3105.	7.9	138
10	Voltage and frequency control of SG based wind farms with uncontrolled HVDC rectifier. , 2010, , .		1
11	Optimal maintenance system for offshore wind turbines. <i>Renewable Energy and Power Quality Journal</i> , 2010, 1, 339-343.	0.2	4
12	Fault analysis of uncontrolled rectifier HVDC links for the connection of off-shore wind farms. , 2009, , .		9
13	HVDC connection of off-shore wind farms based on synchronous generators. , 2009, , .		6
14	Variable voltage off-shore distribution network for wind farms based on synchronous generators. , 2009, , .		6
15	Diagnosis of intermittent fault dynamics. , 2008, , .		10
16	Fault diagnosis with Coloured Petri Nets using Latent Nestling Method. , 2008, , .		8
17	Application of latent nestling method using Coloured Petri Nets for the Fault Diagnosis in the wind turbine subsets. , 2008, , .		9
18	Latent Nestling Method: A new fault diagnosis methodology for complex systems. , 2008, , .		4

#	ARTICLE	IF	CITATIONS
19	Modular Fault Diagnosis Based on Discrete Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 237-256.	1.5	11
20	Failure diagnosis of a cement kiln using expert systems. , 0, , .		8
21	Modular fault diagnosis based on discrete event systems for a mixer chemical process. , 0, , .		5
22	Centralized modular diagnosis and the phenomenon of coupling. , 0, , .		12
23	PNPACDA, Petri nets with places associated to continuous or discretized control algorithms for hybrid systems modelling. , 0, , .		0
24	Intermittent failure diagnosis in industrial processes. , 0, , .		17