

Francisco Morant

List of Publications by Year in descending order

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24
papers

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times ranked

346
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Distributed Voltage and Frequency Control of Offshore Wind Farms Connected With a Diode-Based HVdc Link. IEEE Transactions on Power Electronics, 2010, 25, 3095-3105. | 7.9 | 138 |
| 2 | Diode-Based HVdc Link for the Connection of Large Offshore Wind Farms. IEEE Transactions on Energy Conversion, 2011, 26, 615-626. | 5.2 | 103 |
| 3 | Intermittent Failure Dynamics Characterization. IEEE Transactions on Reliability, 2012, 61, 649-658. | 4.6 | 87 |
| 4 | Intermittent failure diagnosis in industrial processes. , 0, , . | | 17 |
| 5 | Centralized modular diagnosis and the phenomenon of coupling. , 0, , . | | 12 |
| 6 | Modular Fault Diagnosis Based on Discrete Event Systems. Discrete Event Dynamic Systems: Theory and Applications, 2005, 15, 237-256. | 1.5 | 11 |
| 7 | Diagnosis of intermittent fault dynamics. , 2008, , . | | 10 |
| 8 | Application of latent nestling method using Coloured Petri Nets for the Fault Diagnosis in the wind turbine subsets. , 2008, , . | | 9 |
| 9 | Fault analysis of uncontrolled rectifier HVDC links for the connection of off-shore wind farms. , 2009, , . | | 9 |
| 10 | Failure diagnosis of a cement kiln using expert systems. , 0, , . | | 8 |
| 11 | Fault diagnosis with Coloured Petri Nets using Latent Nestling Method. , 2008, , . | | 8 |
| 12 | Identification of Stochastic Timed Discrete Event Systems with st-IPN. Mathematical Problems in Engineering, 2014, 2014, 1-21. | 1.1 | 8 |
| 13 | 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 |
| 14 | HVDC connection of off-shore wind farms based on synchronous generators. , 2009, , . | | 6 |
| 15 | Variable voltage off-shore distribution network for wind farms based on synchronous generators. , 2009, , . | | 6 |
| 16 | Modular fault diagnosis based on discrete event systems for a mixer chemical process. , 0, , . | | 5 |
| 17 | Stochastic DES Fault Diagnosis with Coloured Interpreted Petri Nets. Mathematical Problems in Engineering, 2015, 2015, 1-13. | 1.1 | 5 |
| 18 | Connection of Off-Shore Wind Farms Using Diode Based HVDC Links. Green Energy and Technology, 2012, , 431-464. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Latent Nestling Method: A new fault diagnosis methodology for complex systems. , 2008, , . | | 4 |
| 20 | Hydro-wind kinetics integrated module for the renewable energy generation. , 2012, , . | | 4 |
| 21 | Optimal maintenance system for offshore wind turbines. Renewable Energy and Power Quality Journal, 2010, 1, 339-343. | 0.2 | 4 |
| 22 | Distributed voltage and frequency control of off-shore wind farms connected with a diode based HVDC link. , 2010, , . | | 2 |
| 23 | Voltage and frequency control of SG based wind farms with uncontrolled HVDC rectifier. , 2010, , . | | 1 |
| 24 | PNPACDA, Petri nets with places associated to continuous or discretized control algorithms for hybrid systems modelling. , 0, , . | | 0 |