

Mohamed Ismail

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5051198/publications.pdf>

Version: 2024-02-01

30
papers

246
citations

1478505

6
h-index

1125743

13
g-index

31
all docs

31
docs citations

31
times ranked

268
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Proposed ANFIS Based Approach for Fault Tracking, Detection, Clearing and Rearrangement for Photovoltaic System. <i>Sensors</i> , 2021, 21, 2269. | 3.8 | 46 |
| 2 | Smart battery controller using ANFIS for three phase grid connected PV array system. <i>Mathematics and Computers in Simulation</i> , 2020, 167, 104-118. | 4.4 | 19 |
| 3 | Battery Charge Management for Hybrid PV/Wind/Fuel Cell with Storage Battery. <i>Energy Procedia</i> , 2019, 162, 107-116. | 1.8 | 43 |
| 4 | A New Hybrid Protection Algorithm for Protection of Power Transformer Based on Discrete Wavelet Transform and ANFIS Inference Systems. <i>International Journal of Emerging Electric Power Systems</i> , 2018, 19, . | 0.8 | 1 |
| 5 | Adaptation of PI controller used with combination of perturbation and observation method and feedback method for DFIG. <i>Electrical Engineering</i> , 2018, 100, 1047-1058. | 2.0 | 5 |
| 6 | The Effect of Grid Connected Photovoltaic Location and Penetration Level on Total Harmonic Distortion. , 2018, , . | | 1 |
| 7 | Load Frequency Control for Multi Area Smart Grid based on Advanced Control Techniques. <i>AEJ - Alexandria Engineering Journal</i> , 2018, 57, 4021-4032. | 6.4 | 33 |
| 8 | Fluid catalytic cracking unit control using model predictive control and adaptive neuro fuzzy inference system: Comparative study. , 2017, , . | | 1 |
| 9 | A Hybrid Fuzzy Logic FOPID Position Controller for DC Motor Driving Tracking Systems System. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017, 5, 327. | 0.8 | 3 |
| 10 | Protection of DFIG wind turbine using fuzzy logic control. <i>AEJ - Alexandria Engineering Journal</i> , 2016, 55, 941-949. | 6.4 | 28 |
| 11 | Protection of Three-Phase VSI Grid-Connected PV System During Transient Conditions Using Fuzzy Logic. <i>Journal of Control, Automation and Electrical Systems</i> , 2016, 27, 189-200. | 2.0 | 3 |
| 12 | FOPID Controller Based AC Pump Supplied from PV Standalone Source Tuned using Fuzzy Logic Type 2. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2016, 4, 10. | 0.8 | 2 |
| 13 | Daily Constant PV Output Power Supplying AC pumps using Batteries. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2016, 2, 275. | 0.8 | 0 |
| 14 | The state of charge estimation for rechargeable batteries based on artificial neural network techniques. , 2013, , . | | 5 |
| 15 | Direct Torque Control of induction machine based on fuzzy logic algorithm. , 2013, , . | | 3 |
| 16 | Improving the performance of the DTC saturated model of the induction motor in case of two level and three level VSI using GA and PSO algorithms. , 2012, , . | | 2 |
| 17 | Adaptation of PID controller using AI technique for speed control of isolated steam turbine. , 2012, , . | | 10 |
| 18 | Using Positive and Negative Sequence Components of Currents and Voltages for High Impedance Fault Analysis via ANFIS. <i>International Journal of System Dynamics Applications</i> , 2012, 1, 132-157. | 0.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Adaptive Output Feedback Voltage-Based Control of Magnetically-Saturated Induction Motors. International Journal of System Dynamics Applications, 2012, 1, 1-53. | 0.3 | 5 |
| 20 | Applications of ANFIS and Fuzzy Algorithms for Improvement of the DTC Performance for the Three Phase Saturated Model of Induction Motor. International Journal of System Dynamics Applications, 2012, 1, 54-83. | 0.3 | 12 |
| 21 | Using fuzzy logic algorithm for improvement of DTC three level inverter performance considering saturated model of induction motor. , 2011, , . | | 0 |
| 22 | Speed Sensorless observer using Lyapunov design and ANFIS for DTC of magnetically saturated induction motor. , 2011, , . | | 1 |
| 23 | Stator resistance identification using artificial intelligent technique for the adaptive controller of magnetically saturated induction motor. , 2010, , . | | 0 |
| 24 | Effect of temperature rise on the performance of induction motors. , 2009, , . | | 9 |
| 25 | Speed-Sensorless Adaptive Control of Induction Motors With Magnetic Saturation and Uncertainty in Load Torque and Rotor Resistance. , 2007, , . | | 0 |
| 26 | Stator Side Measurements Based Speed-Sensorless Adaptive Control of Magnetically Saturated Induction Motor with Uncertainties. , 2007, , . | | 0 |
| 27 | Adaptive speed-sensorless of magnetically saturated induction motor with uncertainty of resistances and load torque in case of stator side measurements. , 2007, , . | | 0 |
| 28 | Adaptive Control of Induction Motor Under Magnetic Saturation with Uncertain Rotor Resistance and Unknown Load Torque with Stator Currents and Fluxes Measurements. , 2006, , . | | 0 |
| 29 | Adaptive Control of Induction Motors with Magnetic Saturation and Uncertainty in Load Torque and Resistances. , 2006, , . | | 0 |
| 30 | Adaptive input-output linearization of induction motors with magnetic saturation. , 0, , . | | 11 |