

Mohamed Ismail

List of Publications by Year in descending order

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268
citing authors

#	ARTICLE	IF	CITATIONS
1	Proposed ANFIS Based Approach for Fault Tracking, Detection, Clearing and Rearrangement for Photovoltaic System. Sensors, 2021, 21, 2269.	3.8	46
2	Battery Charge Management for Hybrid PV/Wind/Fuel Cell with Storage Battery. Energy Procedia, 2019, 162, 107-116.	1.8	43
3	Load Frequency Control for Multi Area Smart Grid based on Advanced Control Techniques. AEJ - Alexandria Engineering Journal, 2018, 57, 4021-4032.	6.4	33
4	Protection of DFIG wind turbine using fuzzy logic control. AEJ - Alexandria Engineering Journal, 2016, 55, 941-949.	6.4	28
5	Smart battery controller using ANFIS for three phase grid connected PV array system. Mathematics and Computers in Simulation, 2020, 167, 104-118.	4.4	19
6	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
7	Adaptive input-output linearization of induction motors with magnetic saturation. , 0, , .		11
8	Adaptation of PID controller using AI technique for speed control of isolated steam turbine. , 2012, , .		10
9	Effect of temperature rise on the performance of induction motors. , 2009, , .		9
10	The state of charge estimation for rechargeable batteries based on artificial neural network techniques. , 2013, , .		5
11	Adaptation of PI controller used with combination of perturbation and observation method and feedback method for DFIG. Electrical Engineering, 2018, 100, 1047-1058.	2.0	5
12	Adaptive Output Feedback Voltage-Based Control of Magnetically-Saturated Induction Motors. International Journal of System Dynamics Applications, 2012, 1, 1-53.	0.3	5
13	Using Positive and Negative Sequence Components of Currents and Voltages for High Impedance Fault Analysis via ANFIS. International Journal of System Dynamics Applications, 2012, 1, 132-157.	0.3	3
14	Direct Torque Control of induction machine based on fuzzy logic algorithm. , 2013, , .		3
15	Protection of Three-Phase VSI Grid-Connected PV System During Transient Conditions Using Fuzzy Logic. Journal of Control, Automation and Electrical Systems, 2016, 27, 189-200.	2.0	3
16	A Hybrid Fuzzy Logic FOPID Position Controller for DC Motor Driving Tracking Systems System. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 327.	0.8	3
17	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
18	FOPID Controller Based AC Pump Supplied from PV Standalone Source Tuned using Fuzzy Logic Type 2. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 4, 10.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Speed Sensorless observer using Lyapunov design and ANFIS for DTC of magnetically saturated induction motor. , 2011, , .		1
20	Fluid catalytic cracking unit control using model predictive control and adaptive neuro fuzzy inference system: Comparative study. , 2017, , .		1
21	A New Hybrid Protection Algorithm for Protection of Power Transformer Based on Discrete Wavelet Transform and ANFIS Inference Systems. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.8	1
22	The Effect of Grid Connected Photovoltaic Location and Penetration Level on Total Harmonic Distortion. , 2018, , .		1
23	Adaptive Control of Induction Motor Under Magnetic Saturation with Uncertain Rotor Resistance and Unknown Load Torque with Stator Currents and Fluxes Measurements. , 2006, , .		0
24	Adaptive Control of Induction Motors with Magnetic Saturation and Uncertainty in Load Torque and Resistances. , 2006, , .		0
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	Stator resistance identification using artificial intelligent technique for the adaptive controller of magnetically saturated induction motor. , 2010, , .		0
29	Using fuzzy logic algorithm for improvement of DTC three level inverter performance considering saturated model of induction motor. , 2011, , .		0
30	Daily Constant PV Output Power Supplying AC pumps using Batteries. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 2, 275.	0.8	0