Mohammed Sami Fadali

List of Publications by Citations

35 papers	655 citations	12 h-index	25 g-index
37 ext. papers	823 ext. citations	4.6 avg, IF	4.27 L-index

#	Paper	IF	Citations
35	State Estimation of Induction Motor Drives Using the Unscented Kalman Filter. *IEEE Transactions on Industrial Electronics*, **2012**, 59, 4207-4216	8.9	104
34	Direct Torque Control With Feedback Linearization for Induction Motor Drives. *IEEE Transactions on Power Electronics*, **2017**, 32, 2072-2080	7.2	85
33	A Novel Method for Single and Simultaneous Fault Location in Distribution Networks. *IEEE Transactions on Power Systems*, **2015**, 30, 3368-3376	7	55
32	Fault Detection and Isolation of Induction Motors Using Recurrent Neural Networks and Dynamic Bayesian Modeling. *IEEE Transactions on Control Systems Technology*, **2010**, 18, 430-437	4.8	55
31	Partial discharge pattern recognition via sparse representation and ANN. *IEEE Transactions on Dielectrics and Electrical Insulation*, **2015**, 22, 1061-1070	2.3	51
30	Solar Power Prediction Using Interval Type-2 TSK Modeling. *IEEE Transactions on Sustainable Energy*, **2013**, 4, 333-339	8.2	48
29	Efficiency improved sensorless control scheme for electric vehicle induction motors. *IET Electrical Systems in Transportation*, **2014**, 4, 122-131	2.1	40
28	Stability Analysis and Control of Discrete Type-1 and Type-2 TSK Fuzzy Systems: Part I. Stability Analysis. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 989-1000	8.3	40
27	Square Root Unscented Kalman Filters for State Estimation of Induction Motor Drives. *IEEE Transactions on Industry Applications*, **2013**, 49, 92-99	4.3	38
26	Vibration-based structural condition assessment using convolution neural networks. *Structural Control and Health Monitoring*, **2018**, 26, e2308	4.5	38
25	Stability Analysis of Positive Interval Type-2 TSK Systems With Application to Energy Markets. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 1031-1038	8.3	13
24	Fuzzy TSK approximation using type-2 fuzzy logic systems and its application to modeling a photovoltaic array **2010**,		12
23	Active neural predictive control of seismically isolated structures. *Structural Control and Health Monitoring*, **2018**, 25, e2061	4.5	11
22	Nonlinear Network-Induced Time Delay Systems With Stochastic Learning. *IEEE Transactions on Control Systems Technology*, **2011**, 19, 843-851	4.8	11
21	Hybrid field orientation and direct torque control for electric vehicle motor drive with an extended Kalman filter **2012**,		7
20	Model and simulation of a 75kW PV solar array **2010**,		7
19	TSK Observers for Discrete Type-1 and Type-2 Fuzzy Systems. *IEEE Transactions on Fuzzy Systems*, **2014**, 22, 451-458	8.3	6

18	DC power flow using fuzzy linear equations **2015**,		5
17	A Unified Approach for Power System Predictive Operations Using Viterbi Algorithm. *IEEE Transactions on Sustainable Energy*, **2014**, 5, 757-766	8.2	4
16	Radial Pole Paths SVSC for Linear Time Invariant Multi Input Systems with Constrained Inputs. *Asian Journal of Control*, **2020**, 22, 547-555	1.7	4
15	Probabilistic optimal power flow using unscented transformation **2015**,		3
14	Stability analysis of discrete type-2 TSK fuzzy systems with interval uncertainty **2010**,		3
13	A new on-line testing and remediation strategy for engineering mathematics		3
12	Stability Analysis of Electricity Markets Using TSK Fuzzy Modeling. *IEEE Transactions on Power Systems*, **2016**, 31, 1161-1169	7	2
11	Observer design for discrete type-1 and type-2 TSK fuzzy systems **2012**,		2
10	Square Root Unscented Kalman Filters for state estimation of induction motor drives **2011**,		2
9	Active neural predictive control of seismically isolated structures. *Structural Control and Health Monitoring*, **2018**, 25, e2201	4.5	1
8	Speed sensorless instantaneous power control of induction motor drives **2012**,		1
7	Gene regulation models and evolution **2009**,		1
6	Electro-tactile preference identification using fuzzy logic. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2009**, 2009, 1585-8	0.9	1
5	Model-free Q-learning optimal resource allocation in uncertain communication networks **2016**,		1
4	Training recurrent neural networks via dynamical trajectory-based optimization. *Neurocomputing*, **2019**, 368, 1-10	5.4	0
3	Biomimetic Optimal Tracking Control using Mean Field Games and Spiking Neural Networks. *IFAC-PapersOnLine*, **2020**, 53, 8112-8117	0.7	0
2	Pole Path Assignment of Constrained SISO Affine Nonlinear Systems. *Iranian Journal of Science and Technology - Transactions of Electrical Engineering*, **2019**, 43, 785-795	1.9	
1	Optimal resource allocation in networked control systems. *IET Cyber-Physical Systems: Theory and Applications*, **2020**, 5, 168-175	2.5	