

Mohammed Sami Fadali

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Biomimetic Optimal Tracking Control using Mean Field Games and Spiking Neural Networks. <i>IFAC-PapersOnLine</i> , 2020 , 53, 8112-8117	0.7	0
34	Optimal resource allocation in networked control systems. <i>IET Cyber-Physical Systems: Theory and Applications</i> , 2020 , 5, 168-175	2.5	
33	Radial Pole Paths SVSC for Linear Time Invariant Multi Input Systems with Constrained Inputs. <i>Asian Journal of Control</i> , 2020 , 22, 547-555	1.7	4
32	Pole Path Assignment of Constrained SISO Affine Nonlinear Systems. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019 , 43, 785-795	1.9	
31	Training recurrent neural networks via dynamical trajectory-based optimization. <i>Neurocomputing</i> , 2019 , 368, 1-10	5.4	0
30	Active neural predictive control of seismically isolated structures. <i>Structural Control and Health Monitoring</i> , 2018 , 25, e2061	4.5	11
29	Active neural predictive control of seismically isolated structures. <i>Structural Control and Health Monitoring</i> , 2018 , 25, e2201	4.5	1
28	Vibration-based structural condition assessment using convolution neural networks. <i>Structural Control and Health Monitoring</i> , 2018 , 26, e2308	4.5	38
27	Direct Torque Control With Feedback Linearization for Induction Motor Drives. <i>IEEE Transactions on Power Electronics</i> , 2017 , 32, 2072-2080	7.2	85
26	Stability Analysis of Electricity Markets Using TSK Fuzzy Modeling. <i>IEEE Transactions on Power Systems</i> , 2016 , 31, 1161-1169	7	2
25	Model-free Q-learning optimal resource allocation in uncertain communication networks 2016 ,		1
24	DC power flow using fuzzy linear equations 2015 ,		5
23	A Novel Method for Single and Simultaneous Fault Location in Distribution Networks. <i>IEEE Transactions on Power Systems</i> , 2015 , 30, 3368-3376	7	55
22	Partial discharge pattern recognition via sparse representation and ANN. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015 , 22, 1061-1070	2.3	51
21	Probabilistic optimal power flow using unscented transformation 2015 ,		3
20	TSK Observers for Discrete Type-1 and Type-2 Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 451-458	8.3	6
19	A Unified Approach for Power System Predictive Operations Using Viterbi Algorithm. <i>IEEE Transactions on Sustainable Energy</i> , 2014 , 5, 757-766	8.2	4

18	Efficiency improved sensorless control scheme for electric vehicle induction motors. <i>IET Electrical Systems in Transportation</i> , 2014 , 4, 122-131	2.1	40
17	Stability Analysis of Positive Interval Type-2 TSK Systems With Application to Energy Markets. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 1031-1038	8.3	13
16	Solar Power Prediction Using Interval Type-2 TSK Modeling. <i>IEEE Transactions on Sustainable Energy</i> , 2013 , 4, 333-339	8.2	48
15	Square Root Unscented Kalman Filters for State Estimation of Induction Motor Drives. <i>IEEE Transactions on Industry Applications</i> , 2013 , 49, 92-99	4.3	38
14	State Estimation of Induction Motor Drives Using the Unscented Kalman Filter. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 4207-4216	8.9	104
13	Observer design for discrete type-1 and type-2 TSK fuzzy systems 2012 ,		2
12	Hybrid field orientation and direct torque control for electric vehicle motor drive with an extended Kalman filter 2012 ,		7
11	Speed sensorless instantaneous power control of induction motor drives 2012 ,		1
10	Square Root Unscented Kalman Filters for state estimation of induction motor drives 2011 ,		2
9	Stability Analysis and Control of Discrete Type-1 and Type-2 TSK Fuzzy Systems: Part I. Stability Analysis. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 989-1000	8.3	40
8	Nonlinear Network-Induced Time Delay Systems With Stochastic Learning. <i>IEEE Transactions on Control Systems Technology</i> , 2011 , 19, 843-851	4.8	11
7	Stability analysis of discrete type-2 TSK fuzzy systems with interval uncertainty 2010 ,		3
6	Fuzzy TSK approximation using type-2 fuzzy logic systems and its application to modeling a photovoltaic array 2010 ,		12
5	Model and simulation of a 75kW PV solar array 2010 ,		7
4	Fault Detection and Isolation of Induction Motors Using Recurrent Neural Networks and Dynamic Bayesian Modeling. <i>IEEE Transactions on Control Systems Technology</i> , 2010 , 18, 430-437	4.8	55
3	Gene regulation models and evolution 2009 ,		1
2	Electro-tactile preference identification using fuzzy logic. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2009 , 2009, 1585-8	0.9	1
1	A new on-line testing and remediation strategy for engineering mathematics		3

