

Mohammed Sami Fadali

List of Publications by Year in descending order

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37
papers

929
citations

686830

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37
all docs

37
docs citations

37
times ranked

1090
citing authors

#	ARTICLE	IF	CITATIONS
1	State Estimation of Induction Motor Drives Using the Unscented Kalman Filter. IEEE Transactions on Industrial Electronics, 2012, 59, 4207-4216.	5.2	139
2	Direct Torque Control With Feedback Linearization for Induction Motor Drives. IEEE Transactions on Power Electronics, 2017, 32, 2072-2080.	5.4	120
3	A Novel Method for Single and Simultaneous Fault Location in Distribution Networks. IEEE Transactions on Power Systems, 2015, 30, 3368-3376.	4.6	89
4	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.	3.2	85
5	Vibration-based structural condition assessment using convolution neural networks. Structural Control and Health Monitoring, 2019, 26, e2308.	1.9	71
6	Partial discharge pattern recognition via sparse representation and ANN. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1061-1070.	1.8	64
7	Efficiency improved sensorless control scheme for electric vehicle induction motors. IET Electrical Systems in Transportation, 2014, 4, 122-131.	1.5	58
8	Solar Power Prediction Using Interval Type-2 TSK Modeling. IEEE Transactions on Sustainable Energy, 2013, 4, 333-339.	5.9	56
9	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.	6.5	48
10	Square Root Unscented Kalman Filters for State Estimation of Induction Motor Drives. IEEE Transactions on Industry Applications, 2013, 49, 92-99.	3.3	48
11	Stability Analysis of Positive Interval Type-2 TSK Systems With Application to Energy Markets. IEEE Transactions on Fuzzy Systems, 2014, 22, 1031-1038.	6.5	18
12	Active neural predictive control of seismically isolated structures. Structural Control and Health Monitoring, 2018, 25, e2061.	1.9	18
13	Nonlinear Network-Induced Time Delay Systems With Stochastic Learning. IEEE Transactions on Control Systems Technology, 2011, 19, 843-851.	3.2	17
14	Fuzzy TSK approximation using type-2 fuzzy logic systems and its application to modeling a photovoltaic array. , 2010, , .		14
15	Model and simulation of a 75kW PV solar array. , 2010, , .		13
16	Hybrid field orientation and direct torque control for electric vehicle motor drive with an extended Kalman filter. , 2012, , .		9
17	TSK Observers for Discrete Type-1 and Type-2 Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2014, 22, 451-458.	6.5	7
18	DC power flow using fuzzy linear equations. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
19	Square Root Unscented Kalman Filters for state estimation of induction motor drives. , 2011, , .		5
20	A Unified Approach for Power System Predictive Operations Using Viterbi Algorithm. IEEE Transactions on Sustainable Energy, 2014, 5, 757-766.	5.9	5
21	Stability Analysis of Electricity Markets Using TSK Fuzzy Modeling. IEEE Transactions on Power Systems, 2016, 31, 1161-1169.	4.6	5
22	Radial Pole Paths SVSC for Linear Time Invariant Multi Input Systems with Constrained Inputs. Asian Journal of Control, 2020, 22, 547-555.	1.9	5
23	A new on-line testing and remediation strategy for engineering mathematics. , 0, , .		4
24	Application of distributed Compressive Sensing to Power System State Estimation. , 2015, , .		4
25	Training recurrent neural networks via dynamical trajectory-based optimization. Neurocomputing, 2019, 368, 1-10.	3.5	4
26	Stability analysis of discrete type-2 TSK fuzzy systems with interval uncertainty. , 2010, , .		3
27	Probabilistic optimal power flow using unscented transformation. , 2015, , .		3
28	Electro-tactile preference identification using fuzzy logic. , 2009, 2009, 1585-8.		2
29	Observer design for discrete type-1 and type-2 TSK fuzzy systems. , 2012, , .		2
30	An emotional learning intelligent direct torque and flux controller design for induction motor. , 2012, , .		2
31	Gene regulation models and evolution. , 2009, , .		1
32	Speed sensorless instantaneous power control of induction motor drives. , 2012, , .		1
33	Model-free Q-learning optimal resource allocation in uncertain communication networks. , 2016, , .		1
34	Active neural predictive control of seismically isolated structures. Structural Control and Health Monitoring, 2018, 25, e2201.	1.9	1
35	Biomimetic Optimal Tracking Control using Mean Field Games and Spiking Neural Networks. IFAC-PapersOnLine, 2020, 53, 8112-8117.	0.5	1
36	Pole Path Assignment of Constrained SISO Affine Nonlinear Systems. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 785-795.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Optimal resource allocation in networked control systems. IET Cyber-Physical Systems: Theory and Applications, 2020, 5, 168-175.	1.9	0