Peng Shi

List of Publications by Year
in descending order

19 papers	3,455 citations	394421 19 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	2048 citing authors

#	Article	IF	Citations
1	Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 1282-1293.	9.8	217
2	Networked Control Systems: The Communication Basics and Control Methodologies. Mathematical Problems in Engineering, 2015, 2015, 1-9.	1.1	21
3	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. IEEE Transactions on Cybernetics, 2015, 45, 1706-1716.	9.5	94
4	Fault-tolerant control for a class of Tâ€"S fuzzy systems via delta operator approach. Signal Processing, 2014, 98, 166-173.	3.7	37
5	A Novel Control Design on Discrete-Time Takagiâ€"Sugeno Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 655-671.	9.8	311
6	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 221-229.	9.8	202
7	Fuzzy model-based robust H^{∞} filtering for a class of nonlinear nonhomogeneous Markov jump systems. Signal Processing, 2013, 93, 2381-2391.	3.7	39
8	Sensor Networks With Random Link Failures: Distributed Filtering for Tâ€"S Fuzzy Systems. IEEE Transactions on Industrial Informatics, 2013, 9, 1739-1750.	11.3	210
9	Stability Analysis for High Frequency Networked Control Systems. IEEE Transactions on Automatic Control, 2012, 57, 2694-2700.	5.7	44
10	A Novel Approach to Filter Design for Tâ€"S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 1114-1129.	9.8	436
11	Robust H^{∞} control for a class of discrete time fuzzy systems via delta operator approach. Information Sciences, 2012, 184, 230-245.	6.9	47
12	Model Approximation for Discrete-Time State-Delay Systems in the Tâ€"S Fuzzy Framework. IEEE Transactions on Fuzzy Systems, 2011, 19, 366-378.	9.8	260
13	Fault-Tolerant Control for Nonlinear Markovian Jump Systems via Proportional and Derivative Sliding Mode Observer Technique. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2755-2764.	5.4	276
14	A New Approach to Stability Analysis and Stabilization of Discrete-Time T-S Fuzzy Time-Varying Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 273-286.	5.0	397
15	Stabilization of networked control systems with nonuniform random sampling periods. International Journal of Robust and Nonlinear Control, 2011, 21, 501-526.	3.7	102
16	A Novel Delta Operator Kalman Filter Design and Convergence Analysis. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2458-2468.	5.4	48
17	Fault-tolerant control for a class of nonlinear sampled-data systems via a Euler approximate observer. Automatica, 2010, 46, 1852-1859.	5.0	89
18	Adaptive Fault-Tolerant Tracking Control of Near-Space Vehicle Using Takagiâ€"Sugeno Fuzzy Models. IEEE Transactions on Fuzzy Systems, 2010, 18, 1000-1007.	9.8	342

#	Article	IF	Citations
19	Sampled-data control of networked linear control systems. Automatica, 2007, 43, 903-911.	5.0	283