

Peng Shi

List of Publications by Year in descending order

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19
papers

3,455
citations

393982

19
h-index

794141

19
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19
docs citations

19
times ranked

2048
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Approach to Filter Design for T-S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2012, 20, 1114-1129.	6.5	436
2	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.	5.5	397
3	Adaptive Fault-Tolerant Tracking Control of Near-Space Vehicle Using Takagi-Sugeno Fuzzy Models. IEEE Transactions on Fuzzy Systems, 2010, 18, 1000-1007.	6.5	342
4	A Novel Control Design on Discrete-Time Takagi-Sugeno Fuzzy Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2013, 21, 655-671.	6.5	311
5	Sampled-data control of networked linear control systems. Automatica, 2007, 43, 903-911.	3.0	283
6	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.	3.5	276
7	Model Approximation for Discrete-Time State-Delay Systems in the T-S Fuzzy Framework. IEEE Transactions on Fuzzy Systems, 2011, 19, 366-378.	6.5	260
8	Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 1282-1293.	6.5	217
9	Sensor Networks With Random Link Failures: Distributed Filtering for T-S Fuzzy Systems. IEEE Transactions on Industrial Informatics, 2013, 9, 1739-1750.	7.2	210
10	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2013, 21, 221-229.	6.5	202
11	Stabilization of networked control systems with nonuniform random sampling periods. International Journal of Robust and Nonlinear Control, 2011, 21, 501-526.	2.1	102
12	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. IEEE Transactions on Cybernetics, 2015, 45, 1706-1716.	6.2	94
13	Fault-tolerant control for a class of nonlinear sampled-data systems via a Euler approximate observer. Automatica, 2010, 46, 1852-1859.	3.0	89
14	A Novel Delta Operator Kalman Filter Design and Convergence Analysis. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2458-2468.	3.5	48
15	Robust H _∞ control for a class of discrete time fuzzy systems via delta operator approach. Information Sciences, 2012, 184, 230-245.	4.0	47
16	Stability Analysis for High Frequency Networked Control Systems. IEEE Transactions on Automatic Control, 2012, 57, 2694-2700.	3.6	44
17	Fuzzy model-based robust H _∞ filtering for a class of nonlinear nonhomogeneous Markov jump systems. Signal Processing, 2013, 93, 2381-2391.	2.1	39
18	Fault-tolerant control for a class of T-S fuzzy systems via delta operator approach. Signal Processing, 2014, 98, 166-173.	2.1	37

#	ARTICLE	IF	CITATIONS
19	Networked Control Systems: The Communication Basics and Control Methodologies. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	21