Peng Shi

List of Publications by Citations

19 papers	2,883 citations	18 h-index	19 g-index
19 ext. papers	3,307 ext. citations	5.8 avg, IF	5.37 L-index

#	Paper	IF	Citations
19	A Novel Approach to Filter Design for TS Fuzzy Discrete-Time Systems With Time-Varying Delay. *IEEE Transactions on Fuzzy Systems*, **2012**, 20, 1114-1129	8.3	341
18	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, 273-86		333
17	. *IEEE Transactions on Fuzzy Systems*, **2010**, 18, 1000-1007	8.3	280
16	A Novel Control Design on Discrete-Time TakagiSugeno Fuzzy Systems With Time-Varying Delays. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 655-671	8.3	270
15	Model Approximation for Discrete-Time State-Delay Systems in the TS Fuzzy Framework. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 366-378	8.3	238
14	. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2011**, 58, 2755-2764	3.9	235
13	Sampled-data control of networked linear control systems. *Automatica*, **2007**, 43, 903-911	5.7	222
12	. *IEEE Transactions on Industrial Informatics*, **2013**, 9, 1739-1750	11.9	193
11	. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 1282-1293	8.3	184
10	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 221-229	8.3	168
9	Stabilization of networked control systems with nonuniform random sampling periods. *International Journal of Robust and Nonlinear Control*, **2011**, 21, 501-526	3.6	87
8	Fault-tolerant control for a class of nonlinear sampled-data systems via a Euler approximate observer. *Automatica*, **2010**, 46, 1852-1859	5.7	75
7	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. *IEEE Transactions on Cybernetics*, **2015**, 45, 1706-16	10.2	69
6	Robust H control for a class of discrete time fuzzy systems via delta operator approach. *Information Sciences*, **2012**, 184, 230-245	7.7	38
5	Stability Analysis for High Frequency Networked Control Systems. *IEEE Transactions on Automatic Control*, **2012**, 57, 2694-2700	5.9	38
4	A Novel Delta Operator Kalman Filter Design and Convergence Analysis. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2011**, 58, 2458-2468	3.9	36
3	Fault-tolerant control for a class of TS fuzzy systems via delta operator approach. *Signal Processing*, **2014**, 98, 166-173	4.4	34

List of Publications

2	Fuzzy model-based robust H∞ Filtering for a class of nonlinear nonhomogeneous Markov jump systems. *Signal Processing*, **2013**, 93, 2381-2391	4.4	34
1	Networked Control Systems: The Communication Basics and Control Methodologies. *Mathematical Problems in Engineering*, **2015**, 2015, 1-9	1.1	8