

# Peng Shi

## 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.

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	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 1282-1293	8.3	184
18	Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1706-16	10.2	69
17	Networked Control Systems: The Communication Basics and Control Methodologies. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-9	1.1	8
16	Fault-tolerant control for a class of T $\mathbb{B}$ fuzzy systems via delta operator approach. <i>Signal Processing</i> , <b>2014</b> , 98, 166-173	4.4	34
15	A Novel Control Design on Discrete-Time Takagi-Sugeno Fuzzy Systems With Time-Varying Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2013</b> , 21, 655-671	8.3	270
14	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2013</b> , 21, 221-229	8.3	168
13	Fuzzy model-based robust H $\infty$ filtering for a class of nonlinear nonhomogeneous Markov jump systems. <i>Signal Processing</i> , <b>2013</b> , 93, 2381-2391	4.4	34
12	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 1739-1750	11.9	193
11	Robust H $\infty$ control for a class of discrete time fuzzy systems via delta operator approach. <i>Information Sciences</i> , <b>2012</b> , 184, 230-245	7.7	38
10	Stability Analysis for High Frequency Networked Control Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 2694-2700	5.9	38
9	A Novel Approach to Filter Design for T $\mathbb{B}$ Fuzzy Discrete-Time Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2012</b> , 20, 1114-1129	8.3	341
8	Model Approximation for Discrete-Time State-Delay Systems in the T $\mathbb{B}$ Fuzzy Framework. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 366-378	8.3	238
7	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 2755-2764	3.9	235
6	A new approach to stability analysis and stabilization of discrete-time T-S fuzzy time-varying delay systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2011</b> , 41, 273-86		333
5	Stabilization of networked control systems with nonuniform random sampling periods. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 501-526	3.6	87
4	A Novel Delta Operator Kalman Filter Design and Convergence Analysis. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 2458-2468	3.9	36
3	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2010</b> , 18, 1000-1007	8.3	280

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| 2 | Fault-tolerant control for a class of nonlinear sampled-data systems via a Euler approximate observer. <i>Automatica</i> , <b>2010</b> , 46, 1852-1859 | 5-7 | 75  |
| 1 | Sampled-data control of networked linear control systems. <i>Automatica</i> , <b>2007</b> , 43, 903-911  | 5-7 | 222 |