

# Peng Shi

## List of Publications by Year in Descending Order

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Version: 2024-04-10

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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> , 2016, 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> , 2015, 45, 1706-16	10.2	69
17	Networked Control Systems: The Communication Basics and Control Methodologies. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-9	1.1	8
16	Fault-tolerant control for a class of T-S fuzzy systems via delta operator approach. <i>Signal Processing</i> , 2014, 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> , 2013, 21, 655-671	8.3	270
14	Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2013, 21, 221-229	8.3	168
13	Fuzzy model-based robust H <sub>∞</sub> filtering for a class of nonlinear nonhomogeneous Markov jump systems. <i>Signal Processing</i> , 2013, 93, 2381-2391	4.4	34
12	. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 1739-1750	11.9	193
11	Robust H <sub>∞</sub> control for a class of discrete time fuzzy systems via delta operator approach. <i>Information Sciences</i> , 2012, 184, 230-245	7.7	38
10	Stability Analysis for High Frequency Networked Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 2694-2700	5.9	38
9	A Novel Approach to Filter Design for T-S Fuzzy Discrete-Time Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2012, 20, 1114-1129	8.3	341
8	Model Approximation for Discrete-Time State-Delay Systems in the T-S Fuzzy Framework. <i>IEEE Transactions on Fuzzy Systems</i> , 2011, 19, 366-378	8.3	238
7	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011, 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> , 2011, 41, 273-86		333
5	Stabilization of networked control systems with nonuniform random sampling periods. <i>International Journal of Robust and Nonlinear Control</i> , 2011, 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> , 2011, 58, 2458-2468	3.9	36
3	. <i>IEEE Transactions on Fuzzy Systems</i> , 2010, 18, 1000-1007	8.3	280

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