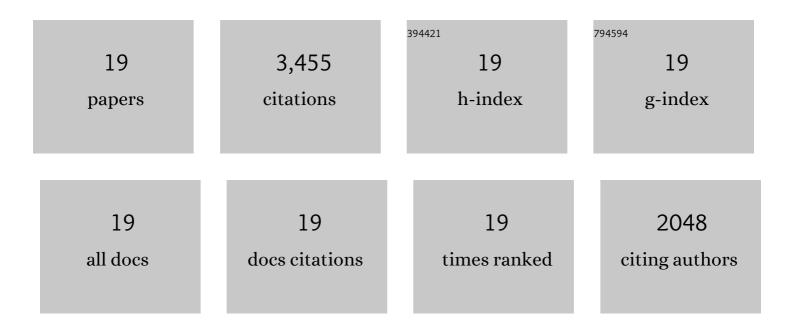
## Peng Shi

## List of Publications by Year in descending order

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| #  | Article  | lF   | CITATIONS |
|----|--|------|-----------|
| 1  | A Novel Approach to Filter Design for T–S Fuzzy Discrete-Time Systems With Time-Varying Delay. IEEE<br>Transactions on Fuzzy Systems, 2012, 20, 1114-1129.   | 9.8  | 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.                                 | 5.0  | 397       |
| 3  | Adaptive Fault-Tolerant Tracking Control of Near-Space Vehicle Using Takagi–Sugeno Fuzzy Models.<br>IEEE Transactions on Fuzzy Systems, 2010, 18, 1000-1007.   | 9.8  | 342       |
| 4  | A Novel Control Design on Discrete-Time Takagi–Sugeno Fuzzy Systems With Time-Varying Delays. IEEE<br>Transactions on Fuzzy Systems, 2013, 21, 655-671.  | 9.8  | 311       |
| 5  | Sampled-data control of networked linear control systems. Automatica, 2007, 43, 903-911.   | 5.0  | 283       |
| 6  | Fault-Tolerant Control for Nonlinear Markovian Jump Systems via Proportional and Derivative Sliding<br>Mode Observer Technique. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58,<br>2755-2764. | 5.4  | 276       |
| 7  | Model Approximation for Discrete-Time State-Delay Systems in the T–S Fuzzy Framework. IEEE<br>Transactions on Fuzzy Systems, 2011, 19, 366-378.  | 9.8  | 260       |
| 8  | Output-Feedback Based Sliding Mode Control for Fuzzy Systems With Actuator Saturation. IEEE<br>Transactions on Fuzzy Systems, 2016, 24, 1282-1293.   | 9.8  | 217       |
| 9  | Sensor Networks With Random Link Failures: Distributed Filtering for T–S Fuzzy Systems. IEEE<br>Transactions on Industrial Informatics, 2013, 9, 1739-1750.  | 11.3 | 210       |
| 10 | Fault Estimation and Tolerant Control for Fuzzy Stochastic Systems. IEEE Transactions on Fuzzy<br>Systems, 2013, 21, 221-229.  | 9.8  | 202       |
| 11 | Stabilization of networked control systems with nonuniform random sampling periods. International<br>Journal of Robust and Nonlinear Control, 2011, 21, 501-526.   | 3.7  | 102       |
| 12 | Robust Filtering for Nonlinear Nonhomogeneous Markov Jump Systems by Fuzzy Approximation<br>Approach. IEEE Transactions on Cybernetics, 2015, 45, 1706-1716.   | 9.5  | 94        |
| 13 | Fault-tolerant control for a class of nonlinear sampled-data systems via a Euler approximate<br>observer. Automatica, 2010, 46, 1852-1859.   | 5.0  | 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.  | 5.4  | 48        |
| 15 | Robust Hâ^ž control for a class of discrete time fuzzy systems via delta operator approach.<br>Information Sciences, 2012, 184, 230-245.   | 6.9  | 47        |
| 16 | Stability Analysis for High Frequency Networked Control Systems. IEEE Transactions on Automatic<br>Control, 2012, 57, 2694-2700.   | 5.7  | 44        |
| 17 | Fuzzy model-based robust Hâ^ž filtering for a class of nonlinear nonhomogeneous Markov jump<br>systems. Signal Processing, 2013, 93, 2381-2391.  | 3.7  | 39        |
| 18 | Fault-tolerant control for a class of T–S fuzzy systems via delta operator approach. Signal<br>Processing, 2014, 98, 166-173.  | 3.7  | 37        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Networked Control Systems: The Communication Basics and Control Methodologies. Mathematical Problems in Engineering, 2015, 2015, 1-9. | 1.1 | 21        |