

Hongyan Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sliding Mode Observer-Based FTC for Markovian Jump Systems With Actuator and Sensor Faults. IEEE Transactions on Automatic Control, 2017, 62, 3551-3558.	5.7	208
2	An Adaptive NN-Based Approach for Fault-Tolerant Control of Nonlinear Time-Varying Delay Systems With Unmodeled Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1902-1913.	11.3	130
3	Adaptive Neural Control of Nonlinear Systems With Unknown Control Directions and Input Dead-Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1897-1907.	9.3	123
4	Adaptive Fuzzy Fault-Tolerant Control for Markov Jump Systems With Additive and Multiplicative Actuator Faults. IEEE Transactions on Fuzzy Systems, 2021, 29, 772-785.	9.8	103
5	Reduced-Order Sliding-Mode-Observer-Based Fault Estimation for Markov Jump Systems. IEEE Transactions on Automatic Control, 2019, 64, 4733-4740.	5.7	75
6	Descriptor Observers Design for Markov Jump Systems With Simultaneous Sensor and Actuator Faults. IEEE Transactions on Automatic Control, 2019, 64, 3370-3377.	5.7	72
7	Secure Data Transmission and Trustworthiness Judgement Approaches Against Cyber-Physical Attacks in an Integrated Data-Driven Framework. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7799-7809.	9.3	56
8	Neural Network-Based Adaptive Fault-Tolerant Control for Markovian Jump Systems With Nonlinearity and Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3687-3698.	9.3	50
9	Actuator and Sensor Fault Estimation for Time-Delay Markov Jump Systems With Application to Wheeled Mobile Manipulators. IEEE Transactions on Industrial Informatics, 2020, 16, 3222-3232.	11.3	48
10	Robust adaptive fault-tolerant control for uncertain nonlinear system with unmodeled dynamics based on fuzzy approximation. Neurocomputing, 2016, 173, 1660-1670.	5.9	41
11	Sparse Actuator and Sensor Attacks Reconstruction for Linear Cyber-Physical Systems With Sliding Mode Observer. IEEE Transactions on Industrial Informatics, 2022, 18, 3873-3884.	11.3	20
12	A Novel Adaptive Observer-Based Fault Reconstruction and State Estimation Method for Markovian Jump Systems. IEEE Systems Journal, 2021, 15, 2305-2313.	4.6	7
13	Training Fuzzy Neural Network via Multiobjective Optimization for Nonlinear Systems Identification. IEEE Transactions on Fuzzy Systems, 2022, 30, 3574-3588.	9.8	7
14	Adaptive SMO-Based Fault Estimation for Markov Jump Systems With Simultaneous Additive and Multiplicative Actuator Faults. IEEE Systems Journal, 2021, 15, 607-616.	4.6	6