

Xiao-Jian Li

List of Publications by Year in descending order

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times ranked

1486
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Estimation and Control for Unknown Discrete-Time Systems Based on Data-Driven Parameterization Approach. IEEE Transactions on Cybernetics, 2023, 53, 1629-1640.	6.2	6
2	Data-Driven Fault Estimation and Control for Unknown Discrete-Time Systems via Multiobjective Optimization Method. IEEE Transactions on Cybernetics, 2022, 52, 3289-3301.	6.2	5
3	Fault Detection and Isolation for a Class of Nonlinear Systems Based on Gerschgorin Theorem and Optimization Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5591-5601.	5.9	2
4	Complete stealthiness false data injection attacks against dynamic state estimation in cyber-physical systems. Information Sciences, 2022, 586, 408-423.	4.0	16
5	Data-driven fault detection for large-scale network systems: A mixed optimization approach. Applied Mathematics and Computation, 2022, 426, 127134.	1.4	4
6	Data-Driven Output-Feedback LQ Secure Control for Unknown Cyber-Physical Systems Against Sparse Actuator Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5708-5720.	5.9	19
7	Optimal Output Synchronization Control of a Class of Complex Dynamical Networks With Partially Unknown System Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 822-832.	5.9	42
8	Fault detection in finite frequency domain for T-S fuzzy systems with partly unmeasurable premise variables. Fuzzy Sets and Systems, 2021, 421, 158-177.	1.6	11
9	Fault Detection and Isolation of T-S Fuzzy Systems with Time-Delay Using Geometric Approach. International Journal of Fuzzy Systems, 2021, 23, 937-946.	2.3	2
10	Parameters Identification of Vessel Based on Ant Colony Optimization Algorithm. Mathematical Problems in Engineering, 2021, 2021, 1-13.	0.6	2
11	Novel geometric and adaptive approaches to fault-tolerant control for linear systems. , 2021, , .		0
12	Adaptive Observer-Based Fault-Tolerant Tracking Control for T-S Fuzzy Systems With Mismatched Faults. IEEE Transactions on Fuzzy Systems, 2020, 28, 134-147.	6.5	31
13	Global Adaptive Fuzzy Distributed Tracking Control for Interconnected Nonlinear Systems With Communication Constraints. IEEE Transactions on Fuzzy Systems, 2020, 28, 333-345.	6.5	16
14	Adaptive Fault-Tolerant Compensation Control for T-S Fuzzy Systems With Mismatched Parameter Uncertainties. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3412-3423.	5.9	14
15	Adaptive fault-tolerance control based finite-time backstepping for hypersonic flight vehicle with full state constrains. Information Sciences, 2020, 507, 53-66.	4.0	56
16	Adaptive fault-tolerant control for a class of stochastic nonlinear systems with multiple sensor faults. International Journal of Systems Science, 2020, 51, 2217-2237.	3.7	6
17	Output feedback secure control for cyber-physical systems against sparse sensor attacks. Applied Mathematics and Computation, 2020, 384, 125384.	1.4	6
18	A Data-Driven Attack Detection Approach for DC Servo Motor Systems Based on Mixed Optimization Strategy. IEEE Transactions on Industrial Informatics, 2020, 16, 5806-5813.	7.2	73

#	ARTICLE	IF	CITATIONS
19	Data-Based Fault-Tolerant Consensus Control for Uncertain Multiagent Systems Via Weighted Edge Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2548-2558.	5.9	35
20	Fault detection for sector-bounded non-linear systems with servo inputs and sensor stuck faults. Journal of Control and Decision, 2019, 6, 147-165.	0.7	12
21	Adaptive Fault Estimation for T-S Fuzzy Interconnected Systems Based on Persistent Excitation Condition via Reference Signals. IEEE Transactions on Cybernetics, 2019, 49, 2822-2834.	6.2	48
22	Event-triggered adaptive fault estimation for T-S fuzzy systems with actuator faults. , 2019, , .		0
23	Sampled observer-based adaptive output feedback fault-tolerant control for a class of strict-feedback nonlinear systems. Journal of the Franklin Institute, 2019, 356, 6041-6070.	1.9	13
24	Optimal synchronization controller design for complex dynamical networks with unknown system dynamics. Journal of the Franklin Institute, 2019, 356, 6071-6086.	1.9	16
25	Backstepping-based decentralized tracking control for a class of interconnected stochastic nonlinear systems coupled via a directed graph. Information Sciences, 2019, 477, 302-320.	4.0	13
26	Adaptive dynamic programming method-based synchronisation control of a class of complex dynamical networks with unknown dynamics and actuator faults. IET Control Theory and Applications, 2018, 12, 291-298.	1.2	15
27	Neural-Network-Based Adaptive Decentralized Fault-Tolerant Control for a Class of Interconnected Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 144-155.	7.2	178
28	Observer-Based Adaptive Output-Feedback Fault-Tolerant Control of a Class of Complex Dynamical Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2407-2418.	5.9	30
29	Adaptive Fault-Tolerant Control for Nonlinear Systems With Multiple Sensor Faults and Unknown Control Directions. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4436-4446.	7.2	62
30	Output synchronization control for a class of complex dynamical networks with non-identical dynamics. Applied Mathematics and Computation, 2018, 335, 38-49.	1.4	14
31	Adaptive Fault-Tolerant Synchronization Control of a Class of Complex Dynamical Networks With General Input Distribution Matrices and Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 559-569.	7.2	136
32	Fuzzy Approximation-Based Global Pinning Synchronization Control of Uncertain Complex Dynamical Networks. IEEE Transactions on Cybernetics, 2017, 47, 873-883.	6.2	50
33	Finite Frequency L_2 - L_∞ Filtering of T-S Fuzzy Systems With Unknown Membership Functions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1884-1897.	5.9	28
34	Fault-tolerant control for uncertain linear systems via adaptive and LMI approaches. International Journal of Systems Science, 2017, 48, 347-356.	3.7	20
35	Event-based robust H_∞ filtering for affine fuzzy systems. Fuzzy Sets and Systems, 2017, 329, 19-35.	1.6	9
36	Adaptive decentralized control for a class of interconnected nonlinear systems via backstepping approach and graph theory. Automatica, 2017, 76, 87-95.	3.0	85

#	ARTICLE	IF	CITATIONS
37	Robust adaptive backstepping control for hierarchical multi-agent systems with signed weights and system uncertainties. IET Control Theory and Applications, 2017, 11, 2743-2752.	1.2	10
38	Event-triggered fault detection observer design for affine fuzzy systems. Neurocomputing, 2017, 267, 564-571.	3.5	22
39	Graph theory based decentralized H_{∞} filtering for large-scale T-S fuzzy systems. , 2017, , .		0
40	Fault detection and isolation for uncertain closed-loop systems based on adaptive and switching approaches. International Journal of Robust and Nonlinear Control, 2016, 26, 2916-2937.	2.1	12
41	Finite-Frequency Fault Detection for Two-Dimensional Roesser Systems. IEEE Access, 2016, 4, 5818-5825.	2.6	8
42	Fault detection filter design with adaptive mechanism for linear uncertain polytopic systems in finite frequency domains. IET Control Theory and Applications, 2016, 10, 2027-2037.	1.2	6
43	Fault detection filter design with varying gains for multi-delay uncertain systems. Journal of the Franklin Institute, 2016, 353, 3699-3721.	1.9	5
44	A new fault detection observer scheme for T-S fuzzy systems with unmeasurable variables. , 2016, , .		1
45	Adaptive fuzzy fault accommodation of uncertain complex dynamical networks with nonlinear couplings. , 2016, , .		1
46	Fuzzy adaptive control of uncertain complex dynamical networks with nonlinear couplings. , 2016, , .		0
47	Finite-Frequency Model Reduction of Takagi-Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1464-1474.	6.5	31
48	FLS-Based Adaptive Synchronization Control of Complex Dynamical Networks With Nonlinear Couplings and State-Dependent Uncertainties. IEEE Transactions on Cybernetics, 2016, 46, 171-180.	6.2	169
49	Fault detection in finite frequency domains for multi-delay uncertain systems with application to ground vehicle. International Journal of Robust and Nonlinear Control, 2015, 25, 3780-3798.	2.1	42
50	Adaptive fault detection and isolation for a class of uncertain single output nonlinear systems. IET Control Theory and Applications, 2014, 8, 462-470.	4.0	21
51	Robust fault detection and isolation for a class of uncertain single output nonlinear systems. IET Control Theory and Applications, 2014, 8, 462-470.	1.2	24
52	Fault Detection in Finite Frequency Domain for Takagi-Sugeno Fuzzy Systems With Sensor Faults. IEEE Transactions on Cybernetics, 2014, 44, 1446-1458.	6.2	207
53	Fault Detection for T-S Fuzzy Systems With Unknown Membership Functions. IEEE Transactions on Fuzzy Systems, 2014, 22, 139-152.	6.5	95
54	Switching-Type H_{∞} Filter Design for T-S Fuzzy Systems With Unknown or Partially Unknown Membership Functions. IEEE Transactions on Fuzzy Systems, 2013, 21, 385-392.	6.5	62

#	ARTICLE	IF	CITATIONS
55	Fault diagnosis for non-linear single output systems based on adaptive high-gain observer. IET Control Theory and Applications, 2013, 7, 1969-1977.	1.2	14
56	Dynamic output feedback control synthesis for stochastic time-delay systems. International Journal of Systems Science, 2012, 43, 586-595.	3.7	6
57	Fault detection filter design for stochastic time-delay systems with sensor faults. International Journal of Systems Science, 2012, 43, 1504-1518.	3.7	21
58	Fault detection for linear stochastic systems with sensor stuck faults. Optimal Control Applications and Methods, 2012, 33, 61-80.	1.3	46
59	Fault detection in finite frequency domain for linear systems under feedback control. , 2009, , .		0