

Jiuxiang Dong

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108
papers

2,395
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h-index

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123
ext. papers

3,041
ext. citations

4.6
avg, IF

6.35
L-index

#	Paper	IF	Citations
108	. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 421-433	8.3	141
107	Robust static output feedback control synthesis for linear continuous systems with polytopic uncertainties. <i>Automatica</i> , 2013 , 49, 1821-1829	5.7	122
106	Switched Adaptive Fuzzy Tracking Control for a Class of Switched Nonlinear Systems Under Arbitrary Switching. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 585-597	8.3	118
105	Control synthesis of continuous-time T-S fuzzy systems with local nonlinear models. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 1245-58		100
104	Static Output Feedback Control Synthesis for Linear Systems With Time-Invariant Parametric Uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 1930-1936	5.9	100
103	Prescribed Performance Switched Adaptive Dynamic Surface Control of Switched Nonlinear Systems With Average Dwell Time. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1257-1269	7.3	96
102	A New Sensor Fault Isolation Method for T-S Fuzzy Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2437-2447	10.2	79
101	Observer-Based Output Feedback Control for Discrete-Time T-S Fuzzy Systems With Partly Immeasurable Premise Variables. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 98-110	7.3	77
100	Output feedback adaptive sensor failure compensation for a class of parametric strict feedback systems. <i>Automatica</i> , 2018 , 97, 48-57	5.7	76
99	Robust static output feedback control for linear discrete-time systems with time-varying uncertainties. <i>Systems and Control Letters</i> , 2008 , 57, 123-131	2.4	72
98	H_{∞} Controller Synthesis via Switched PDC Scheme for Discrete-Time T-S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 544-555	8.3	67
97	Reliable Control Policy of Cyber-Physical Systems Against a Class of Frequency-Constrained Sensor and Actuator Attacks. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3432-3439	10.2	66
96	Output feedback fuzzy controller design with local nonlinear feedback laws for discrete-time nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1447-59		65
95	. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 827-841	8.3	60
94	Static output feedback control of a class of nonlinear discrete-time systems. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 2844-2859	3.7	57
93	Dynamic output feedback control synthesis for discrete-time TS fuzzy systems via switching fuzzy controllers. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 482-499	3.7	54
92	Dynamic output feedback control synthesis for continuous-time T-S fuzzy systems via a switched fuzzy control scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 1166-75		52

91	Control Synthesis of T \mathbb{B} Fuzzy Systems Based on a New Control Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 323-338	8.3	50
90	Control Synthesis of Singularly Perturbed Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 615-629	8.3	49
89	\mathcal{H}_{∞} Filtering for Continuous-Time T \mathbb{B} Fuzzy Systems With Partly Immeasurable Premise Variables. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1931-1940	7.3	40
88	Reliable Leader-to-Follower Formation Control of Multiagent Systems Under Communication Quantization and Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 89-99	7.3	40
87	and mixed control of discrete-time T \mathbb{B} fuzzy systems with local nonlinear models. <i>Fuzzy Sets and Systems</i> , 2011 , 164, 1-24	3.7	39
86	State feedback control of continuous-time T \mathbb{B} fuzzy systems via switched fuzzy controllers. <i>Information Sciences</i> , 2008 , 178, 1680-1695	7.7	36
85	Adaptive integral sliding-mode control strategy of data-driven cyber-physical systems against a class of actuator attacks. <i>IET Control Theory and Applications</i> , 2018 , 12, 1440-1447	2.5	33
84	Event triggered H ∞ /H ∞ fault detection and isolation for T-S fuzzy systems with local nonlinear models. <i>Signal Processing</i> , 2017 , 138, 244-255	4.4	29
83	Adaptive Fuzzy Tracking Control for a Class of Switched Uncertain Nonlinear Systems: An Adaptive State-Dependent Switching Law Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2282-2291	7.3	29
82	Event-triggered adaptive consensus for fuzzy output-constrained multi-agent systems with observers. <i>Journal of the Franklin Institute</i> , 2020 , 357, 82-105	4	29
81	Fault detection for T \mathbb{B} fuzzy systems with partly unmeasurable premise variables. <i>Fuzzy Sets and Systems</i> , 2018 , 338, 136-156	3.7	26
80	Adaptive Tracking Control for a Class of Switched Nonlinear Systems Under Asynchronous Switching. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1245-1256	8.3	23
79	Adaptive neural network-based control of uncertain nonlinear systems with time-varying full-state constraints and input constraint. <i>Neurocomputing</i> , 2019 , 357, 108-115	5.4	22
78	Simultaneous H ∞ /H ∞ fault detection and control for networked systems with application to forging equipment. <i>Signal Processing</i> , 2016 , 125, 203-215	4.4	22
77	Adaptive Fuzzy Fault-Tolerant Tracking Control of Uncertain Nonlinear Time-Varying Delay Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1840-1849	7.3	22
76	Robust H ∞ tracking control design for T \mathbb{B} fuzzy systems with partly immeasurable premise variables. <i>Journal of the Franklin Institute</i> , 2017 , 354, 3919-3944	4	21
75	Robust adaptive fault-tolerant tracking control for uncertain linear systems with time-varying performance bounds. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 849-866	3.6	21
74	Control Synthesis for Discrete-Time T \mathbb{B} Fuzzy Systems Based on Membership Function-Dependent \mathcal{H}_{∞} Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 3360-3366	8.3	18

73	Adaptive reliable guaranteed performance control of uncertain nonlinear systems by using exponent-dependent barrier Lyapunov function. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1051-1062	3.6	18
72	Event-triggered adaptive fuzzy distributed tracking control for uncertain nonlinear multi-agent systems. <i>Fuzzy Sets and Systems</i> , 2021 , 402, 35-50	3.7	18
71	Adaptive fuzzy consensus tracking control for uncertain fractional-order multi-agent systems with event-triggered input. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	16
70	Tracking control for non-Gaussian stochastic distribution sampled-data fuzzy systems. <i>Fuzzy Sets and Systems</i> , 2019 , 356, 1-27	3.7	14
69	Robust Adaptive Fault-Tolerant Tracking Control for Uncertain Linear Systems With Actuator Failures Based on the Closed-Loop Reference Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3448-3455	7.3	14
68	A design method for TB fuzzy systems with partly immeasurable premise variables subject to actuator saturation. <i>Neurocomputing</i> , 2017 , 225, 164-173	5.4	13
67	Robust Adaptive Fuzzy Control of a Class of Uncertain Nonlinear Systems With Unstable Dynamics and Mismatched Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3105-3115	10.2	13
66	Adaptive fuzzy guaranteed performance control for uncertain nonlinear systems with event-triggered input. <i>Applied Mathematics and Computation</i> , 2019 , 363, 124604	2.7	13
65	Controller synthesis for one-sided Lipschitz Markovian jump systems with partially unknown transition probabilities. <i>IET Control Theory and Applications</i> , 2017 , 11, 2242-2251	2.5	13
64	Local Stabilization of Continuous-Time TB Fuzzy Systems With Partly Measurable Premise Variables and Time-Varying Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 326-338	7.3	13
63	Output feedback fault-tolerant control by a set-theoretic description of TB fuzzy systems. <i>Applied Mathematics and Computation</i> , 2017 , 301, 117-134	2.7	12
62	Distributed Adaptive Fuzzy Fault-Tolerant Containment Control for Heterogeneous Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	11
61	Disturbance-observer-based adaptive fuzzy control for nonlinear state constrained systems with input saturation and input delay. <i>Fuzzy Sets and Systems</i> , 2020 , 392, 77-92	3.7	11
60	An Adaptive Secure Control Scheme for TB Fuzzy Systems Against Simultaneous Stealthy Sensor and Actuator Attacks. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	10
59	Adaptive visual servoing with an uncalibrated camera using extreme learning machine and Q-learning. <i>Neurocomputing</i> , 2020 , 402, 384-394	5.4	10
58	Adaptive neural network tracking control for switched uncertain non-linear systems with actuator failures and time-varying delays. <i>IET Control Theory and Applications</i> , 2019 , 13, 1929-1939	2.5	10
57	Approximation-based adaptive fuzzy tracking control for a class of switched nonlinear pure-feedback systems. <i>International Journal of Systems Science</i> , 2017 , 48, 2463-2472	2.3	9
56	Observer-Based Adaptive Fuzzy Decentralized Control of Uncertain Large-Scale Nonlinear Systems with Full State Constraints. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1085-1103	3.6	9

55	Distributed Fault-Tolerant Containment Control for Linear Heterogeneous Multiagent Systems: A Hierarchical Design Approach. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	9
54	Delay-estimation-based adaptive fuzzy memory control for a class of uncertain nonlinear time-delay systems. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 1-19	3.7	9
53	Adaptive fuzzy reliable tracking control for a class of uncertain nonlinear time-delay systems with abrupt non-affine faults. <i>Fuzzy Sets and Systems</i> , 2019 , 374, 100-114	3.7	8
52	Cyber-Physical Attacks Against State Estimators Based on a Finite Frequency Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 864-874	7.3	8
51	Adaptive asymptotic tracking control of uncertain nonlinear time-delay systems depended on delay estimation information. <i>Applied Mathematics and Computation</i> , 2021 , 391, 125662	2.7	8
50	Robust Dynamic Actuator Failure Compensation Control of Nonlinear Systems via Cooperative Interaction Design. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	8
49	ADP-Based Robust Resilient Control of Partially Unknown Nonlinear Systems via Cooperative Interaction Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	7
48	Fault detection for non-Gaussian stochastic distribution fuzzy systems by an event-triggered mechanism. <i>ISA Transactions</i> , 2019 , 91, 135-150	5.5	7
47	Adaptive fault-tolerant control for a class of uncertain T-S fuzzy systems with guaranteed time-varying performance. <i>Fuzzy Sets and Systems</i> , 2020 , 385, 1-19	3.7	7
46	A Robust Dynamic Compensation Approach for Cyber-Physical Systems Against Multiple Types of Actuator Attacks. <i>Applied Mathematics and Computation</i> , 2020 , 380, 125284	2.7	7
45	A Novel H_{∞} Control for T-S Fuzzy Systems with Membership Functions Online Optimization Learning. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	7
44	Observer-Based Interval Type-2 L ₁ /H _∞ Mixed Fuzzy Control for Uncertain Nonlinear Systems Under Measurement Outliers. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	6
43	A new image-based visual servoing method with velocity direction control. <i>Journal of the Franklin Institute</i> , 2020 , 357, 3993-4007	4	6
42	Containment control of interval type-2 fuzzy multi-agent systems with multiple intermittent packet dropouts and actuator failure. <i>Journal of the Franklin Institute</i> , 2020 , 357, 6096-6120	4	6
41	Reliable control of cyber-physical systems under sensor and actuator attacks: An identifier-critic based integral sliding-mode control approach. <i>Neurocomputing</i> , 2019 , 361, 229-242	5.4	6
40	Robust H Controller Design via Static Output Feedback of Uncertain Discrete-time T-S Fuzzy Systems. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	6
39	Learning-based switched reliable control of cyber-physical systems with intermittent communication faults. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020 , 7, 711-724	7	5
38	Adaptive optimisation-offline cyber attack on remote state estimator. <i>International Journal of Systems Science</i> , 2017 , 48, 3060-3071	2.3	5

37	Quadratic stability analysis of fuzzy control systems 2006 ,		5
36	Adaptive exact sliding tracking control of high-order strict-feedback systems with mismatched nonlinearities and external disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8228-8243	3.6	5
35	Distributed Fault-Tolerant Containment Control for Nonlinear Multi-Agent Systems Under Directed Network Topology via Hierarchical Approach. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 806-816	7	5
34	Adaptive fuzzy reliable control for switched uncertain nonlinear systems based on closed-loop reference model. <i>Fuzzy Sets and Systems</i> , 2020 , 385, 39-59	3.7	5
33	Fault-Tolerant Containment Control for IT2 Fuzzy Networked Multiagent Systems Against Denial-of-Service Attacks and Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	5
32	Actuator and sensor faults estimation for discrete-time descriptor linear parameter-varying systems in finite frequency domain. <i>International Journal of Systems Science</i> , 2018 , 49, 1572-1585	2.3	4
31	On modeling and secure control of cyber-physical systems with attacks/faults changing system dynamics: An average dwell-time approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5481-5498	3.6	4
30	Event-triggered adaptive reliable guaranteed performance control for uncertain nonlinear systems with abrupt non-affine faults. <i>Applied Mathematics and Computation</i> , 2020 , 380, 125256	2.7	4
29	A peak-to-peak filtering for continuous Takagi-Sugeno fuzzy systems by a local method. <i>Fuzzy Sets and Systems</i> , 2021 , 402, 51-77	3.7	4
28	Cooperative fault-tolerant fuzzy tracking control for nonlinear multiagent systems under directed network topology via a hierarchical control scheme. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 832-854	3.6	4
27	LMI-based adaptive reliable H _∞ static output feedback control against switched actuator failures. <i>International Journal of Systems Science</i> , 2017 , 48, 2345-2355	2.3	3
26	Robust adaptive fault-tolerant control for time delay uncertain nonlinear systems with time-varying performance bounds. <i>International Journal of Systems Science</i> , 2019 , 50, 2168-2188	2.3	3
25	Sensor fault estimation in finite-frequency domain for nonlinear time-delayed systems by TB fuzzy model approach with local nonlinear models. <i>International Journal of Systems Science</i> , 2019 , 50, 2226-2247	2.3	3
24	An LMI-based Approach for State Feedback Controller Design of Markovian Jump Nonlinear Systems. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on</i> , 2007 ,		3
23	Simultaneous local stabilisation and fault detection for continuous-time T-S fuzzy systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1071-1083	2.5	3
22	Output feedback adaptive fault-tolerant compensation tracking control for linear systems based on the closed-loop reference model. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 77-91	2.8	3
21	Reliable cooperative control and plug-and-play operation for networked heterogeneous systems under cyber-physical attacks. <i>ISA Transactions</i> , 2020 , 104, 62-72	5.5	3
20	Adaptive fuzzy memory fault-tolerant control of non-linear systems with partially known time-varying delays. <i>IET Control Theory and Applications</i> , 2016 , 10, 2060-2070	2.5	3

19	Local stabilization for discrete-time TS fuzzy time-delay systems with sensor fault. <i>Fuzzy Sets and Systems</i> , 2019 , 374, 115-137	3.7	3
18	Optimal γ -stealthy attack in cyber-physical systems. <i>Journal of the Franklin Institute</i> , 2021 , 358, 151-171	4	3
17	H ∞ Controller Design via State Feedback for Uncertain Discrete-time Singularly Perturbed Systems 2007 ,		2
16	Image-based visual servoing with depth estimation. <i>Transactions of the Institute of Measurement and Control</i> , 014233122110646	1.8	2
15	Reset Event-Triggered Adaptive Fuzzy Consensus for Nonlinear Fractional-Order Multiagent Systems With Actuator Faults.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	2
14	A new fault detection observer scheme for T-S fuzzy systems with unmeasurable variables 2016 ,		1
13	Diagonal dominance for flight control systems of canard aircraft in finite frequency range 2013 ,		1
12	Observer-based fuzzy controller design with local nonlinear feedback laws for discrete-time nonlinear systems 2012 ,		1
11	Comments on "\$H_{\infty}\$ Filtering for Fuzzy Singularly Perturbed Systems With Pole Placement Constraints: An LMI Approach. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 716-717	4.8	1
10	A New Multiple Lyapunov Function Approach to Synthesis of Fuzzy Control Systems 2007 ,		1
9	Cooperative Fault-Tolerant Containment Control for Nonlinear Multiagent Systems With Switching Directed Topologies Based on Hierarchical Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	1
8	Sampled-data containment control for Takagi-Sugeno fuzzy multiagent systems with packet losses. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8362-8381	3.6	1
7	Simultaneous fault detection and containment control design for multi-agent systems with multi-leaders. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9063-9082	4	1
6	Modularized design for cooperative control of cyber-physical systems with disturbances and general cooperative targets. <i>Journal of the Franklin Institute</i> , 2020 , 357, 10799-10809	4	1
5	Event-Based Distributed Adaptive Fuzzy Consensus for Nonlinear Fractional-Order Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	0
4	Distributed fault-tolerant tracking control for heterogeneous nonlinear multi-agent systems under sampled intermittent communications. <i>Journal of the Franklin Institute</i> , 2021 , 358, 9221-9221	4	0
3	Distributed fault-tolerant tracking control for uncertain homogeneous and heterogeneous MASs under asynchronous sampled communications. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
2	Secure tracking control against sensor and actuator attacks: A robust model-reference adaptive control method. <i>Information Sciences</i> , 2022 , 604, 11-27	7.7	0

- 1 A novel adaptive fault-tolerant control for nonlinear systems with performance guarantees