Guang-Hong Yang

List of Publications by Year
in descending order

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721 papers	25,394 citations	7069 78 h-index	16127 124 g-index
723 all docs	723 docs citations	723 times ranked	7185 citing authors

#	Article	IF	Citations
1	Reliable robust flight tracking control: an LMI approach. IEEE Transactions on Control Systems Technology, 2002, 10, 76-89.	3.2	481
2	Reliable Hâˆž controller design for linear systems. Automatica, 2001, 37, 717-725.	3.0	473
3	Leader-Based Optimal Coordination Control for the Consensus Problem of Multiagent Differential Games via Fuzzy Adaptive Dynamic Programming. IEEE Transactions on Fuzzy Systems, 2015, 23, 152-163.	6.5	421
4	Adaptive Backstepping Stabilization of Nonlinear Uncertain Systems With Quantized Input Signal. IEEE Transactions on Automatic Control, 2014, 59, 460-464.	3.6	395
5	An LMI approach to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>-</mml:mo></mml:mrow></mml:msub></mml:math> index and mixed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si10.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>-</mml:mo></mml:mrow></mml:msub><mml:m.	3.0	326
6	Reliable H_{infty} Control of Linear Systems With Adaptive Mechanism. IEEE Transactions on Automatic Control, 2010, 55, 242-247.	3.6	308
7	Adaptive asymptotic tracking control of uncertain nonlinear systems with input quantization and actuator faults. Automatica, 2016, 72, 177-185.	3.0	296
8	Input-to-State Stabilizing Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial of Service. IEEE Transactions on Automatic Control, 2018, 63, 1813-1820.	3.6	287
9	Prescribed Performance Fault-Tolerant Control of Uncertain Nonlinear Systems With Unknown Control Directions. IEEE Transactions on Automatic Control, 2017, 62, 6529-6535.	3.6	275
10	An LMI approach to minimum sensitivity analysis with application to fault detection. Automatica, 2005, 41, 1995-2004.	3.0	260
11	New Results on Output Feedback <formula formulatype="inline"> <tex Notation="TeX">$H_{infty} $</tex></formula> Control for Linear Discrete-Time Systems. IEEE Transactions on Automatic Control, 2014, 59, 1355-1359.	3.6	250
12	Distributed adaptive fault-tolerant control approach to cooperative output regulation for linear multi-agent systems. Automatica, 2019, 103, 62-68.	3.0	247
13	Fault-Tolerant Consensus Tracking Control for Linear Multiagent Systems Under Switching Directed Network. IEEE Transactions on Cybernetics, 2020, 50, 1921-1930.	6.2	234
14	Nonfragile H_{infty} Filtering of Continuous-Time Fuzzy Systems. IEEE Transactions on Signal Processing, 2011, 59, 1528-1538.	3.2	217
15	Decentralized Adaptive Fuzzy Secure Control for Nonlinear Uncertain Interconnected Systems Against Intermittent DoS Attacks. IEEE Transactions on Cybernetics, 2019, 49, 827-838.	6.2	217
16	Nonfragile H_{infty} Filter Design for Tâ€“S Fuzzy Systems in Standard Form. IEEE Transactions on Industrial Electronics, 2014, 61, 3448-3458.	5.2	215
17	Non-fragile Hâˆž control for linear systems with multiplicative controller gain variations. Automatica, 2001, 37, 727-737.	3.0	214
18	Model-Based Adaptive Event-Triggered Control of Strict-Feedback Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1033-1045.	7.2	213

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19	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
20	Event-Triggered Fault Detection Filter Design for Nonlinear Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1851-1862.	5.9	196
21	Adaptive Fault Tolerant Control of Cooperative Heterogeneous Systems With Actuator Faults and Unreliable Interconnections. IEEE Transactions on Automatic Control, 2016, 61, 3240-3255.	3.6	191
22	Fault Estimation for a Class of Nonlinear Systems Based on Intermediate Estimator. IEEE Transactions on Automatic Control, 2016, 61, 2518-2524.	3.6	189
23	Reliable State Feedback Control of Tâ€“S Fuzzy Systems With Sensor Faults. IEEE Transactions on Fuzzy Systems, 2015, 23, 421-433.	6.5	182
24	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
25	Non-fragile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si20.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow><in filter design for linear continuous-time systems. Automatica, 2008, 44, 2849-2856.	3.0	177
26	Adaptive Actorâ€“Critic Design-Based Integral Sliding-Mode Control for Partially Unknown Nonlinear Systems With Input Disturbances. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 165-177.	7.2	173
27	Fault Tolerant Controller Design for Tâ€“S Fuzzy Systems With Time-Varying Delay and Actuator Faults: A K-Step Fault-Estimation Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 1526-1540.	6.5	172
28	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
29	Distributed consensus control for multi-agent systems under denial-of-service. Information Sciences, 2018, 439-440, 95-107.	4.0	168
30	Fuzzy Adaptive Output Feedback Fault-Tolerant Tracking Control of a Class of Uncertain Nonlinear Systems With Nonaffine Nonlinear Faults. IEEE Transactions on Fuzzy Systems, 2016, 24, 223-234.	6.5	163
31	Robust static output feedback control synthesis for linear continuous systems with polytopic uncertainties. Automatica, 2013, 49, 1821-1829.	3.0	155
32	Event-triggered fuzzy control for nonlinear networked control systems. Fuzzy Sets and Systems, 2017, 329, 91-107.	1.6	152
33	Secure State Estimation Against Sparse Sensor Attacks With Adaptive Switching Mechanism. IEEE Transactions on Automatic Control, 2018, 63, 2596-2603.	3.6	151
34	Observer-Based Fuzzy Adaptive Event-Triggered Control Codesign for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 1589-1599.	6.5	150
35	Static Output Feedback Control Synthesis for Linear Systems With Time-Invariant Parametric Uncertainties. IEEE Transactions on Automatic Control, 2007, 52, 1930-1936.	3.6	146
36	Fuzzy Adaptive Output Feedback Control of Uncertain Nonlinear Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2018, 48, 1342-1354.	6.2	146

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37	Fuzzy Adaptive Distributed Event-Triggered Consensus Control of Uncertain Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1777-1786.	5.9	142
38	Event-Triggered Consensus of Linear Multiagent Systems With Time-Varying Communication Delays. IEEE Transactions on Cybernetics, 2020, 50, 2916-2925.	6.2	139
39	Control Synthesis of Continuous-Time T-S Fuzzy Systems With Local Nonlinear Models. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 1245-1258.	5.5	136
40	Cooperative adaptive faultâ€tolerant tracking control for a class of multiâ€agent systems with actuator failures and mismatched parameter uncertainties. IET Control Theory and Applications, 2015, 9, 1274-1284.	1.2	136
41	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
42	Fuzzy Filter Design for Nonlinear Systems in Finite-Frequency Domain. IEEE Transactions on Fuzzy Systems, 2010, 18, 935-945.	6.5	133
43	Low-Complexity Tracking Control of Strict-Feedback Systems With Unknown Control Directions. IEEE Transactions on Automatic Control, 2019, 64, 5175-5182.	3.6	131
44	Improved adaptive resilient control against sensor and actuator attacks. Information Sciences, 2018, 423, 145-156.	4.0	130
45	Event-Triggered Adaptive Output Feedback Control for a Class of Uncertain Nonlinear Systems With Actuator Failures. IEEE Transactions on Cybernetics, 2020, 50, 201-210.	6.2	130
46	Fault Detection and Isolation for a Class of Uncertain State-Feedback Fuzzy Control Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 139-151.	6.5	125
47	Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems With Actuator Faults and Unknown Dead Zones. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 729-740.	5.9	120
48	Robust nonfragile Kalman filtering for uncertain linear systems with estimator gain uncertainty. IEEE Transactions on Automatic Control, 2001, 46, 343-348.	3.6	117
49	Fault-tolerant output-constrained control of unknown Eulerâ€“Lagrange systems with prescribed tracking accuracy. Automatica, 2020, 111, 108606.	3.0	114
50	Eventâ€triggered adaptive backstepping control for parametric strictâ€feedback nonlinear systems. International Journal of Robust and Nonlinear Control, 2018, 28, 976-1000.	2.1	111
51	Reliable control using redundant controllers. IEEE Transactions on Automatic Control, 1998, 43, 1588-1593.	3.6	108
52	Relaxed stabilization conditions for continuous-time Takagiâ€“Sugeno fuzzy control systems. Information Sciences, 2010, 180, 3273-3287.	4.0	108
53	Robust static output feedback control for linear discrete-time systems with time-varying uncertainties. Systems and Control Letters, 2008, 57, 123-131.	1.3	105
54	Observer-Based Adaptive Decentralized Fault-Tolerant Control of Nonlinear Large-Scale Systems With Sensor and Actuator Faults. IEEE Transactions on Industrial Electronics, 2019, 66, 8019-8029.	5.2	105

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55	Distributed secure state estimation for cyberâ€“physical systems under sensor attacks. Automatica, 2019, 107, 526-538.	3.0	104
56	Event-Triggered Global Finite-Time Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2020, 65, 1340-1347.	3.6	104
57	Robust Adaptive Fault-Tolerant Control for a Class of Unknown Nonlinear Systems. IEEE Transactions on Industrial Electronics, 2017, 64, 585-594.	5.2	103
58	Adaptive Pinning Control of Deteriorated Nonlinear Coupling Networks With Circuit Realization. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1345-1355.	7.2	102
59	A New Sensor Fault Isolation Method for Tâ€“S Fuzzy Systems. IEEE Transactions on Cybernetics, 2017, 47, 2437-2447.	6.2	102
60	Adaptive Neural Control of Pure-Feedback Nonlinear Systems With Event-Triggered Communications. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6242-6251.	7.2	101
61	Adaptive Reliable H_{infty} Filtering Against Sensor Failures. IEEE Transactions on Signal Processing, 2007, 55, 3161-3171.	3.2	100
62	Observer-Based Output Feedback Control for Discrete-Time T-S Fuzzy Systems With Partly Immeasurable Premise Variables. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 98-110.	5.9	98
63	Fault Detection for Tâ€“S Fuzzy Systems With Unknown Membership Functions. IEEE Transactions on Fuzzy Systems, 2014, 22, 139-152.	6.5	95
64	Backstepping adaptive fuzzy control of uncertain nonlinear systems against actuator faults. Journal of Control Theory and Applications, 2009, 7, 248-256.	0.8	92
65	Optimal partitioning method for stability analysis of continuous/discrete delay systems. International Journal of Robust and Nonlinear Control, 2015, 25, 559-574.	2.1	92
66	Adaptive output control of uncertain nonlinear systems with non-symmetric dead-zone input. Automatica, 2010, 46, 413-420.	3.0	90
67	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> control of continuous-time Markov jump linear systems. Automatica, 2008, 44, 1431-1436.	3.0	89
68	Optimal stealthy false data injection attacks in cyber-physical systems. Information Sciences, 2019, 481, 474-490.	4.0	89
69	H8 control for linear systems with additive controller gain variations. International Journal of Control, 2000, 73, 1500-1506.	1.2	88
70	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 35, 305-309.	1.5	88
71	Periodic event-triggered resilient control for cyber-physical systems under denial-of-service attacks. Journal of the Franklin Institute, 2018, 355, 5613-5631.	1.9	88
72	Adaptive control for nonlinear cyberâ€physical systems under false data injection attacks through sensor networks. International Journal of Robust and Nonlinear Control, 2020, 30, 65-79.	2.1	88

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73	Adaptive decentralized control for a class of interconnected nonlinear systems via backstepping approach and graph theory. Automatica, 2017, 76, 87-95.	3.0	85
74	Fault Detection for a Class of Uncertain State-Feedback Control Systems. IEEE Transactions on Control Systems Technology, 2010, 18, 201-212.	3.2	82
75	Distributed reliable H_{âˆž} consensus control for a class of multiâ€agent systems under switching networks: A topologyâ€based average dwell time approach. International Journal of Robust and Nonlinear Control, 2016, 26, 2767-2787.	2.1	81
76	H_{infty} Controller Synthesis via Switched PDC Scheme for Discrete-Time T–S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2009, 17, 544-555.	6.5	80
77	Event-triggered secure observer-based control for cyber-physical systems under adversarial attacks. Information Sciences, 2017, 420, 96-109.	4.0	80
78	Secure state estimation for cyber-physical systems under sparse sensor attacks via a switched Luenberger observer. Information Sciences, 2017, 417, 454-464.	4.0	80
79	Observer-Based Fuzzy Adaptive Sensor Fault Compensation for Uncertain Nonlinear Strict-Feedback Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2301-2310.	6.5	79
80	Robust adaptive faultâ€tolerant control for linear systems with actuator failures and mismatched parameter uncertainties. IET Control Theory and Applications, 2014, 8, 441-449.	1.2	76
81	Nonlinear High-Gain Observer-Based Diagnosis and Compensation for Actuator and Sensor Faults in a Quadrotor Unmanned Aerial Vehicle. IEEE Transactions on Industrial Informatics, 2019, 15, 550-562.	7.2	76
82	Reliable H/sub âˆž/ control for affine nonlinear systems. IEEE Transactions on Automatic Control, 1998, 43, 1112-1117.	3.6	74
83	Cooperative Fault Tolerant Tracking Control for Multiagent Systems: An Intermediate Estimator-Based Approach. IEEE Transactions on Cybernetics, 2018, 48, 2972-2980.	6.2	74
84	Cooperative adaptive fault-tolerant control for multi-agent systems with deception attacks. Journal of the Franklin Institute, 2020, 357, 3419-3433.	1.9	74
85	Stability Analysis of Tâ€“S Fuzzy Control Systems by Using Set Theory. IEEE Transactions on Fuzzy Systems, 2015, 23, 827-841.	6.5	73
86	Event-triggered resilient control for cyber-physical systems under asynchronous DoS attacks. Information Sciences, 2018, 465, 340-352.	4.0	73
87	Fault-Tolerant Fixed-Time Trajectory Tracking Control of Autonomous Surface Vessels With Specified Accuracy. IEEE Transactions on Industrial Electronics, 2020, 67, 4889-4899.	5.2	72
88	Adaptive Reliable Coordination Control for Linear Agent Networks With Intermittent Communication Constraints. IEEE Transactions on Control of Network Systems, 2018, 5, 1120-1131.	2.4	71
89	Reliable guaranteed cost control for uncertain nonlinear systems. IEEE Transactions on Automatic Control, 2000, 45, 2188-2192.	3.6	70
90	Adaptive Synchronization of a Class of Uncertain Complex Networks Against Network Deterioration. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1396-1409.	3.5	70

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91	Faultâ€tolerant control synthesis for a class of nonlinear systems: Sum of squares optimization approach. International Journal of Robust and Nonlinear Control, 2009, 19, 591-610.	2.1	69
92	Distributed adaptive faultâ€tolerant containment control for a class of multiâ€agent systems with nonâ€identical matching nonâ€linear functions. IET Control Theory and Applications, 2016, 10, 273-281.	1.2	68
93	A finite frequency domain approach to fault detection observer design for linear continuousâ€time systems. Asian Journal of Control, 2008, 10, 559-568.	1.9	67
94	Static output feedback control of a class of nonlinear discrete-time systems. Fuzzy Sets and Systems, 2009, 160, 2844-2859.	1.6	67
95	A descriptor representation approach to observer-based control synthesis for discrete-time fuzzy systems. Fuzzy Sets and Systems, 2011, 185, 38-51.	1.6	67
96	Distributed Fault Detection and Isolation for Multiagent Systems: An Interval Observer Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2220-2230.	5.9	67
97	Observer-Based Control for Cyber-Physical Systems Under Denial-of-Service With a Decentralized Event-Triggered Scheme. IEEE Transactions on Cybernetics, 2020, 50, 4886-4895.	6.2	67
98	Interval Observer-Based Fault Isolation for Discrete-Time Fuzzy Interconnected Systems With Unknown Interconnections. IEEE Transactions on Cybernetics, 2017, 47, 2413-2424.	6.2	66
99	Consensus of Linear Multiagent Systems With Actuator Saturation and External Disturbances. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 284-288.	2.2	65
100	Adaptive Fuzzy Prescribed Performance Control of Nonlinear Systems With Hysteretic Actuator Nonlinearity and Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2349-2358.	5.9	65
101	Integrated fault detection and control for LPV systems. International Journal of Robust and Nonlinear Control, 2009, 19, 341-363.	2.1	64
102	Event-Based Fuzzy Adaptive Fault-Tolerant Control for a Class of Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2686-2698.	6.5	64
103	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. IEEE Transactions on Cybernetics, 2020, 50, 3104-3112.	6.2	64
104	Control Synthesis of Tâ€“S Fuzzy Systems Based on a New Control Scheme. IEEE Transactions on Fuzzy Systems, 2011, 19, 323-338.	6.5	63
105	Secure Luenberger-like observers for cyberâ€“physical systems under sparse actuator and sensor attacks. Automatica, 2018, 98, 124-129.	3.0	63
106	Prescribed Performance Model-Free Adaptive Integral Sliding Mode Control for Discrete-Time Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2222-2230.	7.2	63
107	Dynamic Output Feedback Control Synthesis for Continuous-Time Tâ€“S Fuzzy Systems via a Switched Fuzzy Control Scheme. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1166-1175.	5.5	62
108	Output tracking control for networked control systems with time delay and packet dropout. International Journal of Control, 2008, 81, 1709-1719.	1.2	62

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109	Switching-Type $H_{infty }$ Filter Design for Tâ€“S Fuzzy Systems With Unknown or Partially Unknown Membership Functions. IEEE Transactions on Fuzzy Systems, 2013, 21, 385-392.	6.5	62
110	Simultaneous fault diagnosis for robot manipulators with actuator and sensor faults. Information Sciences, 2016, 366, 12-30.	4.0	62
111	Robust control and fault detection for continuousâ€time switched systems subject to a dwell time constraint. International Journal of Robust and Nonlinear Control, 2015, 25, 3799-3817.	2.1	61
112	Dynamic eventâ€triggered control for linear timeâ€invariant systems with â€gain performance. International Journal of Robust and Nonlinear Control, 2019, 29, 507-518.	2.1	61
113	Adaptive fault-tolerant control for nonlinear multi-agent systems with DoS attacks. Information Sciences, 2020, 526, 39-53.	4.0	61
114	Reliable guaranteed variance filtering against sensor failures. IEEE Transactions on Signal Processing, 2003, 51, 1403-1411.	3.2	60
115	A finite frequency approach to filter design for uncertain discreteâ€time systems. International Journal of Adaptive Control and Signal Processing, 2008, 22, 533-550.	2.3	60
116	Control Synthesis of Singularly Perturbed Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2008, 16, 615-629.	6.5	60
117	New results of stability analysis for systems with timeâ€varying delay. International Journal of Robust and Nonlinear Control, 2010, 20, 596-606.	2.1	60
118	Data-Driven Adaptive Sliding Mode Control of Nonlinear Discrete-Time Systems With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2598-2604.	5.9	59
119	Dynamic output feedback control synthesis for discrete-time Tâ€“S fuzzy systems via switching fuzzy controllers. Fuzzy Sets and Systems, 2009, 160, 482-499.	1.6	58
120	Hâˆž control design for fuzzy discrete-time singularly perturbed systems via slow state variables feedback: An LMI-based approach. Information Sciences, 2009, 179, 3041-3058.	4.0	57
121	Robust adaptive hierarchical insensitive tracking control of a class of leader-follower agents. Information Sciences, 2017, 406-407, 234-247.	4.0	57
122	Event-Triggered Optimal Dynamic Formation of Heterogeneous Affine Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2021, 66, 497-512.	3.6	57
123	Robust Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Time Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1554-1563.	5.9	55
124	Event-Based Adaptive NN Tracking Control of Nonlinear Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4359-4369.	7.2	55
125	Augmented Lagrange algorithms for distributed optimization over multi-agent networks via edge-based method. Automatica, 2018, 94, 55-62.	3.0	55
126	Robust eventâ€triggered model predictive control for cyberâ€physical systems under denialâ€ofâ€service attacks. International Journal of Robust and Nonlinear Control, 2019, 29, 4797-4811.	2.1	55

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127	$H_{infty }$ Filtering for Continuous-Time Tâ€“S Fuzzy Systems With Partly Immeasurable Premise Variables. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1931-1940.	5.9	54
128	Decentralized adaptive fault-tolerant control for large-scale systems with external disturbances and actuator faults. Automatica, 2017, 85, 83-90.	3.0	54
129	Fault-Estimation-Based Output-Feedback Adaptive FTC for Uncertain Nonlinear Systems With Actuator Faults. IEEE Transactions on Industrial Electronics, 2020, 67, 3065-3075.	5.2	54
130	STABILIZATION AND Hâˆž CONTROL FOR UNCERTAIN STOCHASTIC TIME-DELAY SYSTEMS VIA NON-FRAGILE CONTROLLERS. Asian Journal of Control, 2008, 8, 197-200.	1.9	53
131	Non-fragile fuzzy Hâˆž filter design for nonlinear continuous-time systems with stability constraints. Signal Processing, 2012, 92, 575-586.	2.1	53
132	Robust fault tolerant control based on sliding mode method for uncertain linear systems with quantization. ISA Transactions, 2013, 52, 600-610.	3.1	53
133	Fuzzy Adaptive Fault-Tolerant Control for Uncertain Nonlinear Systems With Unknown Dead-Zone and Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2019, 27, 2265-2278.	6.5	53
134	An adaptive fuzzy design for fault-tolerant control of MIMO nonlinear uncertain systems. Journal of Control Theory and Applications, 2011, 9, 244-250.	0.8	52
135	Adaptive Fault-tolerant H/spl sub/spl infin// Control via State Feedback for Linear Systems against Actuator Faults. , 2006, , .		51
136	Prescribed Performance-Based Consensus of Nonlinear Multiagent Systems With Unknown Control Directions and Switching Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 609-616.	5.9	51
137	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. Zidonghua Xuebao/Acta Automatica Sinica, 2009, 35, 305-309.	0.3	51
138	Fuzzy Approximation-Based Global Pinning Synchronization Control of Uncertain Complex Dynamical Networks. IEEE Transactions on Cybernetics, 2017, 47, 873-883.	6.2	50
139	Robust event-triggered control for networked control systems. Information Sciences, 2018, 459, 186-197.	4.0	50
140	Robust adaptive fault-tolerant control of uncertain linear systems via sliding-mode output feedback. International Journal of Robust and Nonlinear Control, 2015, 25, 2461-2480.	2.1	49
141	Data-Driven Output-Feedback Fault-Tolerant Compensation Control for Digital PID Control Systems With Unknown Dynamics. IEEE Transactions on Industrial Electronics, 2016, 63, 7029-7039.	5.2	49
142	Event-triggered fault detection for a class of discrete-time linear systems using interval observers. ISA Transactions, 2017, 68, 160-169.	3.1	49
143	Adaptive sliding mode fault tolerant control for nonlinearly chaotic systems against DoS attack and network faults. Journal of the Franklin Institute, 2017, 354, 6520-6535.	1.9	49
144	Faultâ€tolerant leaderâ€follower formation control of marine surface vessels with unknown dynamics and actuator faults. International Journal of Robust and Nonlinear Control, 2018, 28, 4188-4208.	2.1	49

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145	Secure Switched Observers for Cyber-Physical Systems Under Sparse Sensor Attacks: A Set Cover Approach. IEEE Transactions on Automatic Control, 2019, 64, 3949-3955.	3.6	49
146	Fuzzy Adaptive Quantized Fault-Tolerant Control of Strict-Feedback Nonlinear Systems With Mismatched External Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3424-3434.	5.9	49
147	Quantized output feedback stabilization of uncertain systems with input nonlinearities via sliding mode control. International Journal of Robust and Nonlinear Control, 2014, 24, 228-246.	2.1	48
148	Neural network-based event-triggered MFAC for nonlinear discrete-time processes. Neurocomputing, 2018, 272, 356-364.	3.5	48
149	Adaptive Fault Estimation for Tâ€“S Fuzzy Interconnected Systems Based on Persistent Excitation Condition via Reference Signals. IEEE Transactions on Cybernetics, 2019, 49, 2822-2834.	6.2	48
150	H_{infty} Filtering for Fuzzy Singularly Perturbed Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1371-1389.	5.5	47
151	Distributed fault-tolerant control for a class of cooperative uncertain systems with actuator failures and switching topologies. Information Sciences, 2016, 370-371, 650-666.	4.0	47
152	Adaptive fuzzy output constrained decentralized control for switched nonlinear large-scale systems with unknown dead zones. Nonlinear Analysis: Hybrid Systems, 2017, 23, 61-75.	2.1	47
153	A Dynamic Event-Triggered Control Approach to Leader-Following Consensus for Linear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6271-6279.	5.9	47
154	Multiple Environment Integral Reinforcement Learning-Based Fault-Tolerant Control for Affine Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 1913-1928.	6.2	47
155	Fault detection for linear stochastic systems with sensor stuck faults. Optimal Control Applications and Methods, 2012, 33, 61-80.	1.3	46
156	Cooperative guaranteed cost fault-tolerant control for multi-agent systems with time-varying actuator faults. Neurocomputing, 2016, 214, 382-390.	3.5	46
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