

Guang-Hong Yang

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628

papers

16,966

citations

63

h-index

100

g-index

723

ext. papers

21,499

ext. citations

4.7

avg, IF

8.25

L-index

#	Paper	IF	Citations
628	Reliable H _∞ controller design for linear systems. <i>Automatica</i> , 2001 , 37, 717-725	5.7	341
627	Reliable robust flight tracking control: an LMI approach. <i>IEEE Transactions on Control Systems Technology</i> , 2002 , 10, 76-89	4.8	329
626	Leader-Based Optimal Coordination Control for the Consensus Problem of Multiagent Differential Games via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 152-163	8.3	315
625	Adaptive Backstepping Stabilization of Nonlinear Uncertain Systems With Quantized Input Signal. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 460-464	5.9	260
624	Reliable H_{∞} Control of Linear Systems With Adaptive Mechanism. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 242-247	5.9	250
623	An LMI approach to . <i>Automatica</i> , 2007 , 43, 1656-1665	5.7	247
622	An LMI approach to minimum sensitivity analysis with application to fault detection. <i>Automatica</i> , 2005 , 41, 1995-2004	5.7	205
621	Adaptive asymptotic tracking control of uncertain nonlinear systems with input quantization and actuator faults. <i>Automatica</i> , 2016 , 72, 177-185	5.7	203
620	New Results on Output Feedback H_{∞} Control for Linear Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1355-1359	5.9	199
619	Nonfragile H_{∞} Filtering of Continuous-Time Fuzzy Systems. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 1528-1538	4.8	185
618	Fault detection in finite frequency domain for Takagi-Sugeno fuzzy systems with sensor faults. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 1446-58	10.2	173
617	Prescribed Performance Fault-Tolerant Control of Uncertain Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6529-6535	5.9	164
616	Input-to-State Stabilizing Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial of Service. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1813-1820	5.9	162
615	Distributed adaptive fault-tolerant control approach to cooperative output regulation for linear multi-agent systems. <i>Automatica</i> , 2019 , 103, 62-68	5.7	159
614	Event-Triggered Fault Detection Filter Design for Nonlinear Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1851-1862	7.3	154
613	Nonfragile H_{∞} Filter Design for TB Fuzzy Systems in Standard Form. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3448-3458	8.9	150
612	Non-fragile H _∞ control for linear systems with multiplicative controller gain variations. <i>Automatica</i> , 2001 , 37, 727-737	5.7	148

611	Model-Based Adaptive Event-Triggered Control of Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1033-1045	10.3	146
610	FLS-Based Adaptive Synchronization Control of Complex Dynamical Networks With Nonlinear Couplings and State-Dependent Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 171-80	10.2	143
609	. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 421-433	8.3	141
608	Adaptive Fault Tolerant Control of Cooperative Heterogeneous Systems With Actuator Faults and Unreliable Interconnections. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 3240-3255	5.9	141
607	Event-triggered fuzzy control for nonlinear networked control systems. <i>Fuzzy Sets and Systems</i> , 2017 , 329, 91-107	3.7	133
606	Neural-Network-Based Adaptive Decentralized Fault-Tolerant Control for a Class of Interconnected Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 144-155	10.3	133
605	Fuzzy Adaptive Output Feedback Fault-Tolerant Tracking Control of a Class of Uncertain Nonlinear Systems With Nonaffine Nonlinear Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 223-234	8.3	132
604	Non-fragile H _∞ filter design for linear continuous-time systems. <i>Automatica</i> , 2008 , 44, 2849-2856	5.7	130
603	Robust static output feedback control synthesis for linear continuous systems with polytopic uncertainties. <i>Automatica</i> , 2013 , 49, 1821-1829	5.7	122
602	Fault Tolerant Controller Design for TS Fuzzy Systems With Time-Varying Delay and Actuator Faults: A K-Step Fault-Estimation Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 1526-1540	8.3	121
601	Fault-Tolerant Consensus Tracking Control for Linear Multiagent Systems Under Switching Directed Network. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1921-1930	10.2	120
600	Decentralized Adaptive Fuzzy Secure Control for Nonlinear Uncertain Interconnected Systems Against Intermittent DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 827-838	10.2	119
599	Adaptive Actor-Critic Design-Based Integral Sliding-Mode Control for Partially Unknown Nonlinear Systems With Input Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 165-77	10.3	115
598	Cooperative adaptive fault-tolerant tracking control for a class of multi-agent systems with actuator failures and mismatched parameter uncertainties. <i>IET Control Theory and Applications</i> , 2015 , 9, 1274-1284	2.5	114
597	Fault Detection and Isolation for a Class of Uncertain State-Feedback Fuzzy Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 139-151	8.3	112
596	Fault Estimation for a Class of Nonlinear Systems Based on Intermediate Estimator. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 2518-2524	5.9	108
595	Fuzzy Filter Design for Nonlinear Systems in Finite-Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , 2010 , 18, 935-945	8.3	107
594	Adaptive Fault-Tolerant Synchronization Control of a Class of Complex Dynamical Networks With General Input Distribution Matrices and Actuator Faults. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 559-569	10.3	106

593	Observer-Based Fuzzy Adaptive Event-Triggered Control Codesign for a Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1589-1599	8.3	101
592	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
591	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
590	Adaptive Fuzzy Decentralized Control for a Class of Large-Scale Nonlinear Systems With Actuator Faults and Unknown Dead Zones. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 729-740	7.3	97
589	Distributed consensus control for multi-agent systems under denial-of-service. <i>Information Sciences</i> , 2018 , 439-440, 95-107	7.7	94
588	Relaxed stabilization conditions for continuous-time Takagi-Sugeno fuzzy control systems. <i>Information Sciences</i> , 2010 , 180, 3273-3287	7.7	88
587	Secure State Estimation Against Sparse Sensor Attacks With Adaptive Switching Mechanism. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2596-2603	5.9	87
586	Fault Detection for T-S Fuzzy Systems With Unknown Membership Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 139-152	8.3	82
585	Fuzzy Adaptive Output Feedback Control of Uncertain Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1342-1354	10.2	80
584	Adaptive pinning control of deteriorated nonlinear coupling networks with circuit realization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1345-55	10.3	80
583	Robust nonfragile Kalman filtering for uncertain linear systems with estimator gain uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2001 , 46, 343-348	5.9	80
582	A New Sensor Fault Isolation Method for T-S Fuzzy Systems. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2437-2447	10.2	79
581	Event-Triggered Consensus of Linear Multiagent Systems With Time-Varying Communication Delays. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2916-2925	10.2	78
580	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
579	Optimal partitioning method for stability analysis of continuous/discrete delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 559-574	3.6	77
578	Improved adaptive resilient control against sensor and actuator attacks. <i>Information Sciences</i> , 2018 , 423, 145-156	7.7	75
577	Adaptive Reliable H_{∞} Filtering Against Sensor Failures. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 3161-3171	4.8	74
576	Adaptive output control of uncertain nonlinear systems with non-symmetric dead-zone input. <i>Automatica</i> , 2010 , 46, 413-420	5.7	73

575	Event-triggered adaptive backstepping control for parametric strict-feedback nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 976-1000	3.6	72
574	Reliable control using redundant controllers. <i>IEEE Transactions on Automatic Control</i> , 1998 , 43, 1588-1593	3.9	72
573	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
572	Event-Triggered Adaptive Output Feedback Control for a Class of Uncertain Nonlinear Systems With Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 201-210	10.2	71
571	Fault Detection for a Class of Uncertain State-Feedback Control Systems. <i>IEEE Transactions on Control Systems Technology</i> , 2010 , 18, 201-212	4.8	70
570	Backstepping adaptive fuzzy control of uncertain nonlinear systems against actuator faults. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 248-256		70
569	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2009 , 35, 305-309		70
568	Robust . <i>Automatica</i> , 2008 , 44, 1431-1436	5.7	69
567	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
566	Fuzzy Adaptive Distributed Event-Triggered Consensus Control of Uncertain Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1777-1786	7.3	66
565	Adaptive decentralized control for a class of interconnected nonlinear systems via backstepping approach and graph theory. <i>Automatica</i> , 2017 , 76, 87-95	5.7	61
564	Periodic event-triggered resilient control for cyber-physical systems under denial-of-service attacks. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5613-5631	4	61
563	Robust adaptive fault-tolerant control for linear systems with actuator failures and mismatched parameter uncertainties. <i>IET Control Theory and Applications</i> , 2014 , 8, 441-449	2.5	60
562	. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 827-841	8.3	60
561	Observer-Based Adaptive Decentralized Fault-Tolerant Control of Nonlinear Large-Scale Systems With Sensor and Actuator Faults. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8019-8029	8.9	59
560	Adaptive Synchronization of a Class of Uncertain Complex Networks Against Network Deterioration. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2011 , 58, 1396-1409	3.9	58
559	H8 control for linear systems with additive controller gain variations. <i>International Journal of Control</i> , 2000 , 73, 1500-1506	1.5	58
558	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

557	Adaptive Reliable Coordination Control for Linear Agent Networks With Intermittent Communication Constraints. <i>IEEE Transactions on Control of Network Systems</i> , 2018 , 5, 1120-1131	4	56
556	Distributed reliable H _∞ consensus control for a class of multi-agent systems under switching networks: A topology-based average dwell time approach. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2767-2787	3.6	56
555	Adaptive Neural Control of Pure-Feedback Nonlinear Systems With Event-Triggered Communications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 6242-6251	10.3	56
554	A descriptor representation approach to observer-based control synthesis for discrete-time fuzzy systems. <i>Fuzzy Sets and Systems</i> , 2011 , 185, 38-51	3.7	55
553	Fault-tolerant control synthesis for a class of nonlinear systems: Sum of squares optimization approach. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 591-610	3.6	55
552	Optimal stealthy false data injection attacks in cyber-physical systems. <i>Information Sciences</i> , 2019 , 481, 474-490	7.7	55
551	Robust Adaptive Fault-Tolerant Control for a Class of Unknown Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 585-594	8.9	54
550	Integrated fault detection and control for LPV systems. <i>International Journal of Robust and Nonlinear Control</i> , 2009 , 19, 341-363	3.6	54
549	Dynamic output feedback control synthesis for discrete-time T _S fuzzy systems via switching fuzzy controllers. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 482-499	3.7	54
548	Distributed adaptive fault-tolerant containment control for a class of multi-agent systems with non-identical matching non-linear functions. <i>IET Control Theory and Applications</i> , 2016 , 10, 273-281	2.5	53
547	Secure state estimation for cyber-physical systems under sparse sensor attacks via a switched Luenberger observer. <i>Information Sciences</i> , 2017 , 417, 454-464	7.7	53
546	Switching-Type H _∞ Filter Design for T - S Fuzzy Systems With Unknown or Partially Unknown Membership Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 385-392	8.3	52
545	Event-triggered secure observer-based control for cyber-physical systems under adversarial attacks. <i>Information Sciences</i> , 2017 , 420, 96-109	7.7	52
544	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
543	A finite frequency domain approach to fault detection observer design for linear continuous-time systems. <i>Asian Journal of Control</i> , 2008 , 10, 559-568	1.7	52
542	Distributed secure state estimation for cyber-physical systems under sensor attacks. <i>Automatica</i> , 2019 , 107, 526-538	5.7	50
541	Control Synthesis of T _S Fuzzy Systems Based on a New Control Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 323-338	8.3	50
540	A finite frequency approach to filter design for uncertain discrete-time systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2008 , 22, 533-550	2.8	50

539	Consensus of Linear Multiagent Systems With Actuator Saturation and External Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 284-288	3.5	49
538	Observer-Based Fuzzy Adaptive Sensor Fault Compensation for Uncertain Nonlinear Strict-Feedback Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2301-2310	8.3	49
537	New results of stability analysis for systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 596-606	3.6	49
536	Control Synthesis of Singularly Perturbed Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 615-629	8.3	49
535	Reliable guaranteed cost control for uncertain nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 2188-2192	5.9	49
534	Robust adaptive hierarchical insensitive tracking control of a class of leader-follower agents. <i>Information Sciences</i> , 2017 , 406-407, 234-247	7.7	48
533	Robust control and fault detection for continuous-time switched systems subject to a dwell time constraint. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3799-3817	3.6	48
532	Interval Observer-Based Fault Isolation for Discrete-Time Fuzzy Interconnected Systems With Unknown Interconnections. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2413-2424	10.2	47
531	Output tracking control for networked control systems with time delay and packet dropout. <i>International Journal of Control</i> , 2008 , 81, 1709-1719	1.5	46
530	Low-Complexity Tracking Control of Strict-Feedback Systems With Unknown Control Directions. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 5175-5182	5.9	45
529	Event-Based Fuzzy Adaptive Fault-Tolerant Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2686-2698	8.3	45
528	Event-triggered resilient control for cyber-physical systems under asynchronous DoS attacks. <i>Information Sciences</i> , 2018 , 465, 340-352	7.7	45
527	Reliable H/sub /spl infin// control for affine nonlinear systems. <i>IEEE Transactions on Automatic Control</i> , 1998 , 43, 1112-1117	5.9	45
526	Fuzzy Approximation-Based Global Pinning Synchronization Control of Uncertain Complex Dynamical Networks. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 873-883	10.2	43
525	Reliable guaranteed variance filtering against sensor failures. <i>IEEE Transactions on Signal Processing</i> , 2003 , 51, 1403-1411	4.8	43
524	Nonlinear High-Gain Observer-Based Diagnosis and Compensation for Actuator and Sensor Faults in a Quadrotor Unmanned Aerial Vehicle. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 550-562	11.9	43
523	Cooperative Fault Tolerant Tracking Control for Multiagent Systems: An Intermediate Estimator-Based Approach. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2972-2980	10.2	42
522	An adaptive fuzzy design for fault-tolerant control of MIMO nonlinear uncertain systems. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 244-250		42

521	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2009 , 35, 305-309		42
520	Event-Triggered Global Finite-Time Control for a Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1340-1347	5.9	42
519	Robust fault tolerant control based on sliding mode method for uncertain linear systems with quantization. <i>ISA Transactions</i> , 2013 , 52, 600-10	5.5	41
518	H_{∞} Filtering for Continuous-Time T Σ Fuzzy Systems With Partly Immeasurable Premise Variables. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1931-1940	7.3	40
517	Event-Based Adaptive NN Tracking Control of Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4359-4369	10.3	40
516	Augmented Lagrange algorithms for distributed optimization over multi-agent networks via edge-based method. <i>Automatica</i> , 2018 , 94, 55-62	5.7	40
515	Adaptive Fuzzy Prescribed Performance Control of Nonlinear Systems With Hysteretic Actuator Nonlinearity and Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2349-2358	7.3	40
514	Fault detection for linear stochastic systems with sensor stuck faults. <i>Optimal Control Applications and Methods</i> , 2012 , 33, 61-80	1.7	40
513	Adaptive fuzzy output constrained decentralized control for switched nonlinear large-scale systems with unknown dead zones. <i>Nonlinear Analysis: Hybrid Systems</i> , 2017 , 23, 61-75	4.5	40
512	Robust adaptive fault-tolerant control of uncertain linear systems via sliding-mode output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2461-2480	3.6	39
511	H_{∞} control design for fuzzy discrete-time singularly perturbed systems via slow state variables feedback: An LMI-based approach. <i>Information Sciences</i> , 2009 , 179, 3041-3058	7.7	39
510	Robust Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Time Delay Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1554-1563	7.3	38
509	. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 7029-7039	8.9	38
508	STABILIZATION AND H_{∞} CONTROL FOR UNCERTAIN STOCHASTIC TIME-DELAY SYSTEMS VIA NON-FRAGILE CONTROLLERS. <i>Asian Journal of Control</i> , 2008 , 8, 197-200	1.7	38
507	Dynamic event-triggered control for linear time-invariant systems with γ -gain performance. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 507-518	3.6	38
506	Fault-tolerant output-constrained control of unknown Euler-Lagrange systems with prescribed tracking accuracy. <i>Automatica</i> , 2020 , 111, 108606	5.7	38
505	Cooperative guaranteed cost fault-tolerant control for multi-agent systems with time-varying actuator faults. <i>Neurocomputing</i> , 2016 , 214, 382-390	5.4	37
504	Non-fragile fuzzy H_{∞} filter design for nonlinear continuous-time systems with stability constraints. <i>Signal Processing</i> , 2012 , 92, 575-586	4.4	37

503	Quantized output feedback stabilization of uncertain systems with input nonlinearities via sliding mode control. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 228-246	3.6	37
502	Finite frequency . <i>Progress in Natural Science: Materials International</i> , 2009 , 19, 1625-1633	3.6	37
501	Robust event-triggered control for networked control systems. <i>Information Sciences</i> , 2018 , 459, 186-197	7.7	36
500	Distributed fault-tolerant control for a class of cooperative uncertain systems with actuator failures and switching topologies. <i>Information Sciences</i> , 2016 , 370-371, 650-666	7.7	36
499	Decentralized adaptive fault-tolerant control for large-scale systems with external disturbances and actuator faults. <i>Automatica</i> , 2017 , 85, 83-90	5.7	36
498	Fault-tolerant control via sliding-mode output feedback for uncertain linear systems with quantisation. <i>IET Control Theory and Applications</i> , 2013 , 7, 1992-2006	2.5	36
497	Switching fuzzy dynamic output feedback H(infinity) control for nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 505-16		36
496	Adaptive Fault-tolerant H/spl sub/spl infin// Control via State Feedback for Linear Systems against Actuator Faults 2006 ,		36
495	Event-Triggered Optimal Dynamic Formation of Heterogeneous Affine Nonlinear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 497-512	5.9	36
494	Event-triggered control for linear systems with actuator saturation and disturbances. <i>IET Control Theory and Applications</i> , 2017 , 11, 1351-1359	2.5	35
493	Fault detection in finite frequency domains for multi-delay uncertain systems with application to ground vehicle. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3780-3798	3.6	35
492	Adaptive control for nonlinear cyber-physical systems under false data injection attacks through sensor networks. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 65-79	3.6	35
491	Sampled-data output feedback control based on a new event-triggered control scheme. <i>Information Sciences</i> , 2017 , 414, 306-318	7.7	34
490	Fault Detection and Isolation for Affine Fuzzy Systems With Sensor Faults. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1058-1071	8.3	34
489	H(infinity) filtering for fuzzy singularly perturbed systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 1371-89		34
488	Observer-based adaptive prescribed performance tracking control for nonlinear systems with unknown control direction and input saturation. <i>Neurocomputing</i> , 2018 , 284, 17-26	5.4	33
487	Simultaneous fault diagnosis for robot manipulators with actuator and sensor faults. <i>Information Sciences</i> , 2016 , 366, 12-30	7.7	33
486	Adaptive fuzzy tracking control for a class of uncertain nonaffine nonlinear systems with dead-zone inputs. <i>Fuzzy Sets and Systems</i> , 2016 , 290, 1-21	3.7	32

485	Event-triggered fault detection for a class of discrete-time linear systems using interval observers. <i>ISA Transactions</i> , 2017 , 68, 160-169	5.5	32
484	Adaptive fault-tolerant control for a class of nonlinear multi-agent systems with actuator faults. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4784-4800	4	32
483	Quantization-Based Adaptive Actor-Critic Tracking Control With Tracking Error Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 970-980	10.3	32
482	Data-Driven Coordinated Attack Policy Design Based on Adaptive H_2 -Gain Optimal Theory. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1850-1857	5.9	32
481	Asynchronous fault detection filter design approach for discrete-time switched linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 70-96	3.6	32
480	Secure Luenberger-like observers for cyberphysical systems under sparse actuator and sensor attacks. <i>Automatica</i> , 2018 , 98, 124-129	5.7	32
479	Decentralized State Feedback Control of Uncertain Affine Fuzzy Large-Scale Systems With Unknown Interconnections. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1134-1146	8.3	31
478	Adaptive sliding mode fault tolerant control for nonlinearly chaotic systems against DoS attack and network faults. <i>Journal of the Franklin Institute</i> , 2017 , 354, 6520-6535	4	31
477	Data-driven output-feedback fault-tolerant control for unknown dynamic systems with faults changing system dynamics. <i>Journal of Process Control</i> , 2016 , 43, 10-23	3.9	31
476	Multiple Environment Integral Reinforcement Learning-Based Fault-Tolerant Control for Affine Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1913-1928	10.2	31
475	Fuzzy Adaptive Fault-Tolerant Control for Uncertain Nonlinear Systems With Unknown Dead-Zone and Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2265-2278	8.3	30
474	Robust fuzzy adaptive fault-tolerant control for a class of nonlinear systems with mismatched uncertainties and actuator faults. <i>Nonlinear Dynamics</i> , 2015 , 81, 395-409	5	30
473	Adaptive fuzzy asymptotic tracking control of uncertain nonaffine nonlinear systems with non-symmetric dead-zone nonlinearities. <i>Information Sciences</i> , 2016 , 348, 1-14	7.7	30
472	Fault detection and isolation for networked control systems with finite frequency specifications. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 495-514	3.6	30
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344	Interval observer-based fault detection in finite frequency domain for discrete-time fuzzy systems. <i>Neurocomputing</i> , 2018 , 310, 38-45	5.4	16
343	Adaptive fault-tolerant control for nonlinear multi-agent systems with DoS attacks. <i>Information Sciences</i> , 2020 , 526, 39-53	7.7	15
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336	Fault-tolerant control for linear systems with multiple faults and disturbances based on augmented intermediate estimator. <i>IET Control Theory and Applications</i> , 2017 , 11, 164-172	2.5	15
335	Input/Output Based Fault Estimation for T-S Fuzzy Systems With Local Nonlinear Parts. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1320-1328	8.3	15
334	Cooperative adaptive output regulation for linear multi-agent systems with actuator faults. <i>IET Control Theory and Applications</i> , 2017 , 11, 2396-2402	2.5	15
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328	Optimal sensor attacks in cyber-physical systems with Round-Robin protocol. <i>Information Sciences</i> , 2021 , 548, 85-100	7.7	15
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321	H2 filter design for discrete-time Markov jump linear systems with partly unknown transition probabilities. <i>Optimal Control Applications and Methods</i> , 2012 , 33, 318-337	1.7	14
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290	Data-driven output-feedback fault-tolerant L2 control of unknown dynamic systems. <i>ISA Transactions</i> , 2016 , 63, 182-195	5.5	11
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272	Non-fragile H _∞ filter design with sparse structure for linear discrete-time systems. <i>Journal of the Franklin Institute</i> , 2014 , 351, 225-240	4	10
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267	Decentralized H controller design for composite systems: Linear case. <i>International Journal of Control</i> , 1999 , 72, 815-825	1.5	10
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265	A Dynamic Event-Triggered Control Approach to Leader-Following Consensus for Linear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	10
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223	Kullback-Leibler Divergence-based Attacks against Remote State Estimation in Cyber-physical Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	8
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209	Observer-based h-infinity control in multiple channel networked control systems with random packet dropouts. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 359-367		7
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207	Adaptive Fault-tolerant H_{∞} Control via Dynamic Output Feedback for Linear Systems against Actuator Faults 2006 ,		7
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193	Data-based optimal Denial-of-Service attack scheduling against robust control based on Q-learning. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5178-5194	3.6	6
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191	Insensitive output feedback H_{∞} control of delta operator systems with insensitivity to sampling time jitter. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 725-743	3.6	6
190	Robust H_{∞} filter design for affine fuzzy systems. <i>International Journal of Control, Automation and Systems</i> , 2013 , 11, 410-415	2.9	6
189	Delay-dependent filtering for discrete-time state-delayed systems with small gain conditions in finite frequency ranges. <i>International Journal of Adaptive Control and Signal Processing</i> , 2011 , 25, 983-1005	2.8	6
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145	Non-fragile H_∞ Filter Design with Additive Gain Variations 2006 ,		4
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137	Optimal Transmission Power Scheduling of Networked Control Systems Via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1629-1639	8.3	4
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121	State feedback control of continuous-time Networked Control Systems in multiple-packet transmission 2009 ,		3
120	Adaptive fault-tolerant control of linear time-invariant systems in the presence of actuator saturation. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 321-327		3
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97	Discrete-time quantized H_∞ filtering with quantizer ranges consideration 2009 ,		2
96	Quantized H_∞ control for networked control systems with packet dropouts 2009 ,		2
95	Robust stabilization of switched discrete-time systems with actuator saturation. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 454-458		2
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88	New results on stability analysis of networked control systems 2008 ,		2
87	Fault tolerant H _∞ control for a class of nonlinear discrete-time systems: Using sum of squares optimization 2008 ,		2
86	Fault detection observer design for linear discrete-time systems in finite frequency domain 2007 ,		2
85	H _∞ Controller Design via State Feedback for Uncertain Discrete-time Singularly Perturbed Systems 2007 ,		2
84	Dynamic Reduced-Order Observer-Based Detection of False Data Injection Attacks With Application to Smart Grid Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	2
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61	Switching fault-tolerant control for a class of nonlinear systems with actuator faults 2013 ,		1
60	Stochastic Stability for Time-Delay Markovian Jump Systems with Sector-Bounded Nonlinearities and More General Transition Probabilities. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-9	1.1	1
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58	Robust stability of parameter uncertain systems with limited data rates. <i>International Journal of Systems Science</i> , 2013 , 44, 1426-1437	2.3	1
57	LMI optimization approach on robustness and H ₂ control analysis via disturbance-observer-based control for uncertain systems 2011 ,		1
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53	Non-fragile H_2 filter design with pole placement constraints for delta operator formulated systems via LMI optimization 2009 ,	1
52	Analysis and design of output feedback control systems in the presence of actuator saturation 2009 ,	1
51	Insensitive H_2 filter design for discrete-time systems: an LMI optimization approach 2009 ,	1
50	Analysis and design of output feedback control systems in the presence of state saturation 2009 ,	1
49	Discrete-time non-fragile dynamic output feedback H_2 controller design 2009 ,	1
48	Stability analysis of networked control systems with quantized feedback 2009 ,	1
47	Robust stability of polytopic systems via affine parameter-dependent Lyapunov functions 2009 ,	1
46	An LMI approach to H_2 model reduction of linear discrete-time systems over finite frequency interval 2011 ,	1
45	H_2 filter design for fuzzy systems via fuzzy Lyapunov functions 2011 ,	1
44	Observer-based fault detection and isolation for a class of uncertain systems 2011 ,	1
43	Fault detection of networked control systems with packet dropout subject to sensor saturation 2011 ,	1
42	Observer-based fuzzy controller design with local nonlinear feedback laws for discrete-time nonlinear systems 2012 ,	1
41	Insensitive H_2 filtering for fast-sampled linear systems with respect to sampling time jitter 2012 ,	1
40	Quantized H_2 control for networked control systems with random delays 2009 ,	1
39	Robust fault-tolerant control systems design with actuator failures via linear fractional transformations 2008 ,	1
38	Delay-dependent adaptive robust H_2 control for uncertain linear systems with time-varying delay 2008 ,	1
37	State-feedback control design for continuous-time piecewise linear systems: An LMI approach 2008 ,	1
36	Packet dropout compensation for networked control systems: A multiple communication channels method 2008 ,	1

35	H _∞ output tracking performance analysis and controller design for networked control systems with packet dropout 2008 ,		1
34	Output feedback stabilization for switched systems subject to saturation nonlinearity 2008 ,		1
33	H _∞ controller design for linear systems with quantized feedback 2007 ,		1
32	Comments on "H _∞ 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
31	Analysis and design of output feedback control systems with actuator saturation. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 421-426		1
30	A New Multiple Lyapunov Function Approach to Synthesis of Fuzzy Control Systems 2007 ,		1
29	Adaptive Robust Control Synthesis for Linear Systems with Time-Varying Uncertainties 2007 ,		1
28	Reliable robust minimum variance filtering with sensor failures 2001 ,		1
27	Statistical diagnosis for quality-related faults in BIW assembly process. <i>IEEE Transactions on Industrial Electronics</i> , 2022 , 1-1	8.9	1
26	An adaptive cubature Kalman filter for nonlinear systems against randomly occurring injection attacks. <i>Applied Mathematics and Computation</i> , 2022 , 418, 126834	2.7	1
25	Distributed unscented Kalman filtering for nonlinear systems: A mixed event-triggered strategy. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4647-4663	3.6	1
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