

# Guang-Hong Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Statistical diagnosis for quality-related faults in BIW assembly process. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	1
627	Dynamic Reduced-Order Observer-Based Detection of False Data Injection Attacks With Application to Smart Grid Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	2
626	Distributed Optimal Energy Management for Integrated Energy Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	3
625	Optimal completely stealthy attacks against remote estimation in cyber-physical systems. <i>Information Sciences</i> , <b>2022</b> , 590, 15-28	7.7	7
624	Piecewise Attack Strategy Design for T-S Fuzzy Cyber-Physical Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-10	7.3	0
623	Malicious adversaries against secure state estimation: Sparse sensor attack design. <i>Automatica</i> , <b>2022</b> , 136, 110037	5.7	0
622	An adaptive cubature Kalman filter for nonlinear systems against randomly occurring injection attacks. <i>Applied Mathematics and Computation</i> , <b>2022</b> , 418, 126834	2.7	1
621	Enhancement of opacity for distributed state estimation in cyber-physical systems. <i>Automatica</i> , <b>2022</b> , 136, 110087	5.7	4
620	Distributed multi-rate sampled-data H <sub>∞</sub> consensus filtering for cyber-physical systems under denial-of-service attacks. <i>Information Sciences</i> , <b>2022</b> , 587, 607-625	7.7	2
619	Statistical-based Optimal -Stealthy Attack under Stochastic Communication Protocol: An Application to Networked PMSM Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	1
618	Distributed Fixed-Time Optimal Resource Management for Microgrids. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2022</b> , 1-9	4.9	0
617	False data injection attacks against state estimation without knowledge of estimators. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	2
616	Long-term co-exposure DBP and BaP causes imbalance in liver macrophages polarization via activation of Notch signaling regulated by miR-34a-5p in rats.. <i>Chemico-Biological Interactions</i> , <b>2022</b> , 1099	5.19	0
615	Event-Triggered Remote State Estimation for Cyber-Physical Systems Under Malicious DoS Attacks. <i>Information Sciences</i> , <b>2022</b> ,	7.7	4
614	Protocol-based Optimal Stealthy Data-injection Attacks via Compromised Sensors in Cyber-physical Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	1
613	Sampled-data distributed state estimation with multiple transmission channels under denial-of-service attacks. <i>Applied Mathematics and Computation</i> , <b>2022</b> , 429, 127229	2.7	
612	Fast state estimation under sensor attacks: A sensor categorization approach. <i>Automatica</i> , <b>2022</b> , 142, 110395	5.7	

611	Optimal innovation-based deception attacks with side information against remote state estimation in cyber-physical systems. <i>Neurocomputing</i> , <b>2022</b> , 500, 461-470	5.4	0
610	Event-Triggered Controller Design With Varying Gains for T-S Fuzzy Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4125-4133	10.2	1
609	Stability Analysis for Cyber-Physical Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5304-5313	10.2	7
608	Secure Adaptive Trajectory Tracking Control for Nonlinear Robot Systems under Multiple Dynamic Obstacles: Safety Barrier Certificates. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	0
607	Distributed Optimal Coordination for Heterogeneous Linear Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	4
606	Robust Filtering for Fuzzy Systems With Bounded Disturbances via Premise-Region-Dependent Event-Triggered Mechanisms. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	
605	Data-Based Distributed Sensor Scheduling for Multiple Linear Systems With H Performance Preservation. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	
604	ISS control synthesis of TB fuzzy systems with multiple transmission channels under denial of service. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 3010-3032	4	3
603	Distributed unscented Kalman filtering for nonlinear systems: A mixed event-triggered strategy. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 4647-4663	3.6	1
602	Distributed Optimal Economic Environmental Dispatch for Microgrids Over Time-Varying Directed Communication Graph. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 1913-1924	4.9	9
601	Switching resilient control scheme for cyber-physical systems against DoS attacks. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 4257-4276	4	2
600	Byzantine-resilient distributed state estimation: A min-switching approach. <i>Automatica</i> , <b>2021</b> , 129, 109664	6.4	12
599	Neural Learning-Based Fixed-Time Consensus Tracking Control for Nonlinear Multiagent Systems With Directed Communication Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 639-652	10.3	11
598	Optimal Transmission Power Scheduling of Networked Control Systems Via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 1629-1639	8.3	4
597	Event-Triggered Optimal Dynamic Formation of Heterogeneous Affine Nonlinear Multiagent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 497-512	5.9	36
596	Multiple Environment Integral Reinforcement Learning-Based Fault-Tolerant Control for Affine Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1913-1928	10.2	31
595	Distributed Robust Adaptive Optimization for Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1046-1053	7.3	8
594	Adaptive Fuzzy Output Feedback Fault-Tolerant Compensation for Uncertain Nonlinear Systems With Infinite Number of Time-Varying Actuator Failures and Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 568-578	10.2	21

593	Resilient observer-based control for cyber-physical systems under denial-of-service attacks. <i>Information Sciences</i> , <b>2021</b> , 545, 102-117	7.7	10
592	Distributed Secure State Estimation in the Presence of Malicious Agents. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2875-2882	5.9	4
591	Distributed Optimization Under Unbalanced Digraphs With Node Errors: Robustness of Surplus-Based Dual Averaging Algorithm. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 331-341	4.1	0
590	Fault detection in finite frequency domain for T-S fuzzy systems with partly unmeasurable premise variables. <i>Fuzzy Sets and Systems</i> , <b>2021</b> , 421, 158-177	3.7	4
589	Optimal sensor attacks in cyber-physical systems with Round-Robin protocol. <i>Information Sciences</i> , <b>2021</b> , 548, 85-100	7.7	15
588	Adaptive fault estimation for cyber-physical systems with intermittent DoS attacks. <i>Information Sciences</i> , <b>2021</b> , 547, 746-762	7.7	8
587	Optimal stealthy switching location attacks against remote estimation in cyber-physical systems. <i>Neurocomputing</i> , <b>2021</b> , 421, 183-194	5.4	4
586	Optimal Stealthy Innovation-Based Attacks With Historical Data in Cyber-Physical Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3401-3411	7.3	13
585	Event-Triggered H Control for T-S Fuzzy Systems via New Asynchronous Premise Reconstruction Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3062-3070	10.2	4
584	Secure State Estimation With Switched Compensation Mechanism Against DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
583	Event-Triggered Feedforward Predictive Control for Dimension Quality Optimization in BIW Assembly Process. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	2
582	Resilient Event-Triggered Distributed State Estimation for Nonlinear Systems Against DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
581	Remote State Estimation for Nonlinear Systems via a Fading Channel: A Risk-sensitive Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
580	Kullback-Leibler Divergence-Based Optimal Stealthy Sensor Attack Against Networked Linear Quadratic Gaussian Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	15
579	Collisions-Free Distributed Optimal Coordination for Multiple Euler-Lagrangian Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	4
578	Distributed Fuzzy Adaptive Output-Feedback Control of Unknown Nonlinear Multiagent Systems in Strict-Feedback Form. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
577	Distributed Optimization of High-order Nonlinear Systems: Saving Computation and Communication via Prefiltering. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	2
576	Distributed Sparse Undetectable Attacks Against State Estimation. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	1

575	Noise covariance estimation for networked linear systems under random access protocol scheduling. <i>Neurocomputing</i> , <b>2021</b> , 455, 68-77	5.4	5
574	Man-in-the-middle attack against cyber-physical systems under random access protocol. <i>Information Sciences</i> , <b>2021</b> , 576, 708-724	7.7	13
573	Multi-sensor Kalman filtering over packet-dropping networks subject to Round-Robin protocol scheduling. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 7938-7954	4	7
572	Kullback-Leibler Divergence-based Attacks against Remote State Estimation in Cyber-physical Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	8
571	Secure State Estimation of Nonlinear Cyber-Physical Systems Against DoS Attacks: A Multiobserver Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
570	The role of H3K9me2-regulated base excision repair genes in the repair of DNA damage induced by arsenic in HaCaT cells and the effects of Ginkgo biloba extract intervention. <i>Environmental Toxicology</i> , <b>2021</b> , 36, 850-860	4.2	5
569	Balanced truncation of linear time-invariant systems over finite-frequency ranges. <i>Advances in Computational Mathematics</i> , <b>2020</b> , 46, 1	1.6	2
568	Supervisory Nonlinear State Observers for Adversarial Sparse Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	4
567	Adaptive Secure State Estimation for Cyber-Physical Systems With Low Memory Cost. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 1621-1632	4	1
566	Differentially private distributed optimization for multi-agent systems via the augmented Lagrangian algorithm. <i>Information Sciences</i> , <b>2020</b> , 538, 39-53	7.7	7
565	Event-Triggered Fault Detection Observer Design for TB Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	8
564	Histone demethylase JHDM2A regulates H3K9 dimethylation in response to arsenic-induced DNA damage and repair in normal human liver cells. <i>Journal of Applied Toxicology</i> , <b>2020</b> , 40, 1661-1672	4.1	5
563	Distributed Composite Optimization Over Relay-Assisted Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-12	7.3	
562	Distributed Learning Over Networks: Effect of Using Historical Observations. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 5503-5509	5.9	3
561	Event-Triggered Prescribed Performance Control for a Class of Unknown Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	4
560	Fault estimation for fractional-order linear systems with polytopic uncertainties in the finite frequency domain. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 389-403	2.3	1
559	Supervisory switching-based prescribed performance control of unknown nonlinear systems against actuator failures. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2367-2385	3.6	2
558	Adaptive Fault-tolerant control for nonlinear multi-agent systems with DoS attacks. <i>Information Sciences</i> , <b>2020</b> , 526, 39-53	7.7	15

557	Optimal Stealth Attack Strategy Design for Linear Cyber-Physical Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2
556	Distributed Model Reference Adaptive Optimization of Disturbed Multiagent Systems With Intermittent Communications. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	6
555	Event-Triggered Distributed State Estimation for Multiagent Systems Under DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	7
554	Optimal Steady-State Regulator Design for a Class of Nonlinear Systems With Arbitrary Relative Degree. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2
553	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 4889-4899	8.9	24
552	Malicious Attacks on State Estimation Against Distributed Control Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 3911-3918	5.9	16
551	Observer-Based Control for Cyber-Physical Systems Under Denial-of-Service With a Decentralized Event-Triggered Scheme. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4886-4895	10.2	27
550	Adaptive control for nonlinear cyber-physical systems under false data injection attacks through sensor networks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 65-79	3.6	35
549	Cooperative adaptive fault-tolerant control for multi-agent systems with deception attacks. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 3419-3433	4	20
548	A Dynamic Event-Triggered Control Approach to Leader-Following Consensus for Linear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-9	7.3	10
547	Asynchronous fault detection observer design for discrete-time piecewise linear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 1564-1581	3.6	4
546	Worst-case $\epsilon$ -stealthy false data injection attacks in cyber-physical systems. <i>Information Sciences</i> , <b>2020</b> , 515, 352-364	7.7	10
545	Adaptive sensor and actuator failure compensation for H <sub>∞</sub> static output control of linear systems: a new Lyapunov function method. <i>International Journal of Systems Science</i> , <b>2020</b> , 51, 146-157	2.3	4
544	Optimal deception attacks against remote state estimation in cyber-physical systems. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 1832-1852	4	19
543	Stabilization of switched systems with all modes unstable via periodical switching laws. <i>Automatica</i> , <b>2020</b> , 122, 109150	5.7	11
542	Data-driven fault detection for linear systems: A q-step residual iteration approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 5341-5355	3.6	2
541	Resilient decentralized sampled-data H <sub>∞</sub> filter design for linear interconnected systems subject to denial-of-service attacks. <i>Information Sciences</i> , <b>2020</b> , 538, 467-485	7.7	7
540	DNMT1-mediated Foxp3 gene promoter hypermethylation involved in immune dysfunction caused by arsenic in human lymphocytes. <i>Toxicology Research</i> , <b>2020</b> , 9, 519-529	2.6	5

539	Event-Triggered Distributed State Estimation for Cyber-Physical Systems Under DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	5
538	Distributed Fault Detection and Isolation for Multiagent Systems: An Interval Observer Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 2220-2230	7.3	25
537	Event-Triggered Adaptive Output Feedback Control for a Class of Uncertain Nonlinear Systems With Actuator Failures. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 201-210	10.2	71
536	Fuzzy Adaptive Quantized Fault-Tolerant Control of Strict-Feedback Nonlinear Systems With Mismatched External Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3424-3434	7.3	22
535	Distributed Event-Triggered $\mathcal{H}_{\infty}$ Filtering for Discrete-Time T $\mathcal{B}$ Fuzzy Systems Over Sensor Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3269-3280	7.3	21
534	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3104-3112	10.2	29
533	Adaptive Observer-Based Fault-Tolerant Tracking Control for T $\mathcal{B}$ Fuzzy Systems With Mismatched Faults. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 134-147	8.3	18
532	Resilient Observer-Based Control for Cyber-Physical Systems With Multiple Transmission Channels Under Denial-of-Service. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4796-4807	10.2	21
531	Fuzzy adaptive fault-tolerant control of multi-agent systems with interactions between physical coupling graph and communication graph. <i>Fuzzy Sets and Systems</i> , <b>2020</b> , 385, 20-38	3.7	8
530	Event-Triggered Control for T $\mathcal{B}$ Fuzzy Systems Under Asynchronous Network Communications. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 390-399	8.3	21
529	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 321-332	8.3	9
528	Global Adaptive Fuzzy Distributed Tracking Control for Interconnected Nonlinear Systems With Communication Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 333-345	8.3	9
527	$\mathcal{H}_{\infty}$ Observer Design for Fuzzy System With Immeasurable State Variables via a New Lyapunov Function. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 236-245	8.3	8
526	Fault-Tolerant Consensus Tracking Control for Linear Multiagent Systems Under Switching Directed Network. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1921-1930	10.2	120
525	Prescribed Performance-Based Consensus of Nonlinear Multiagent Systems With Unknown Control Directions and Switching Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 609-616	7.3	20
524	Adaptive Fault-Tolerant Compensation Control for T $\mathcal{B}$ Fuzzy Systems With Mismatched Parameter Uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3412-3423	7.3	7
523	Fault Detection Approaches for Fuzzy Large-Scale Systems With Unknown Membership Functions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3333-3343	7.3	7
522	Fault-tolerant output-constrained control of unknown Euler-Lagrange systems with prescribed tracking accuracy. <i>Automatica</i> , <b>2020</b> , 111, 108606	5.7	38

521	Secure State Estimation for Multiagent Systems With Faulty and Malicious Agents. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 3471-3485	5.9	13
520	Adaptive fuzzy fault compensation tracking control for uncertain nonlinear systems with multiple sensor faults. <i>Fuzzy Sets and Systems</i> , <b>2020</b> , 392, 46-59	3.7	9
519	Cooperative attack strategy design via H <sub>∞</sub> H <sub>2</sub> scheme for linear cyber-physical systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 33-50	3.6	5
518	Adaptive Fuzzy Fault-Tolerant Control of Uncertain Euler-Lagrange Systems With Process Faults. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2619-2630	8.3	10
517	False data injection attacks against state estimation in the presence of sensor failures. <i>Information Sciences</i> , <b>2020</b> , 508, 92-104	7.7	27
516	Fuzzy Descriptor Sliding Mode Observer Design: A Canonical Form-Based Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2048-2062	8.3	20
515	Distributed optimization for a class of uncertain MIMO nonlinear multi-agent systems with arbitrary relative degree. <i>Information Sciences</i> , <b>2020</b> , 506, 58-77	7.7	8
514	Event-Triggered Consensus of Linear Multiagent Systems With Time-Varying Communication Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2916-2925	10.2	78
513	Fault-Estimation-Based Output-Feedback Adaptive FTC for Uncertain Nonlinear Systems With Actuator Faults. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 3065-3075	8.9	23
512	Opacity Enforcement for Confidential Robust Control in Linear Cyber-Physical Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1234-1241	5.9	19
511	Event-Triggered Global Finite-Time Control for a Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 1340-1347	5.9	42
510	Nash equilibrium computation in two-network zero-sum games: An incremental algorithm. <i>Neurocomputing</i> , <b>2019</b> , 359, 114-121	5.4	7
509	Adaptive disturbance attenuation for a class of uncertain nonlinear systems: A double-gain nonlinear observer method. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 8890-8905	4	2
508	Fuzzy Adaptive Fault-Tolerant Control for Uncertain Nonlinear Systems With Unknown Dead-Zone and Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2265-2278	8.3	30
507	Observer-based fault detection for T-S fuzzy systems subject to measurement outliers. <i>Neurocomputing</i> , <b>2019</b> , 335, 21-36	5.4	10
506	Event-triggered control for a class of strict-feedback nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2112-2124	3.6	16
505	Event-triggered decentralized output-feedback control for interconnected nonlinear systems with input quantization. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 7028-7048	4	11
504	Sampled observer-based adaptive output feedback fault-tolerant control for a class of strict-feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 6041-6070	4	9

503	Event-triggered reliable dissipative filtering for nonlinear networked control systems. <i>Neurocomputing</i> , <b>2019</b> , 360, 120-130	5.4	1
502	Dynamic observer-based control for fractional-order uncertain linear systems. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 1107-1120	2.3	3
501	Event-based reduced-order fuzzy filtering for networked control systems with time-varying delays. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 359, 71-83	2.7	6
500	Multi-cluster distributed optimization via random sleep strategy. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 5353-5377	4	2
499	Low-Complexity Tracking Control of Strict-Feedback Systems With Unknown Control Directions. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 5175-5182	5.9	45
498	Decentralized Event-Triggered $H_{\infty}$ Control for Affine Fuzzy Large-Scale Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2215-2226	8.3	13
497	Decentralized event-triggered output feedback control for a class of interconnected large-scale systems. <i>ISA Transactions</i> , <b>2019</b> , 93, 156-164	5.5	8
496	Switched projected gradient descent algorithms for secure state estimation under sparse sensor attacks. <i>Automatica</i> , <b>2019</b> , 103, 503-514	5.7	20
495	Distributed Nash equilibrium computation in aggregative games: An event-triggered algorithm. <i>Information Sciences</i> , <b>2019</b> , 489, 289-302	7.7	11
494	Event-triggered practical finite-time output feedback stabilization of a class of uncertain nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 3078-3092	3.6	20
493	Distributed fixed-time consensus for multiagent systems with unknown control directions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 3311-3329	3.6	8
492	Dynamic output feedback $H_{\infty}$ control for fractional-order linear uncertain systems with actuator faults. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 4442-4466	4	16
491	Data-Driven Output-Feedback Fault-Tolerant Tracking Control Method and Its Application to a DC Servo System. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2019</b> , 24, 1186-1196	5.5	9
490	Event-triggered state estimation for networked control systems with lossy network communication. <i>Information Sciences</i> , <b>2019</b> , 492, 1-12	7.7	20
489	Distributed adaptive fault-tolerant control approach to cooperative output regulation for linear multi-agent systems. <i>Automatica</i> , <b>2019</b> , 103, 62-68	5.7	159
488	Decentralized fault-tolerant MRAC for a class of large-scale systems with time-varying delays and actuator faults. <i>Journal of Process Control</i> , <b>2019</b> , 75, 171-186	3.9	14
487	A novel event-based fuzzy control approach for continuous-time fuzzy systems. <i>Neurocomputing</i> , <b>2019</b> , 338, 55-62	5.4	4
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484	Data-Based Fault-Tolerant Consensus Control for Uncertain Multiagent Systems Via Weighted Edge Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2548-2558	7.3	22
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482	Model-Free Fault Tolerant Control for a Class of Complex Dynamical Networks With Derivative Couplings. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 3482-3493	10.2	5
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480	Adaptive Fault Estimation for T-S Fuzzy Interconnected Systems Based on Persistent Excitation Condition via Reference Signals. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2822-2834	10.2	27
479	Fixed-time fault-tolerant consensus control for multi-agent systems with mismatched disturbances. <i>Neurocomputing</i> , <b>2019</b> , 366, 154-160	5.4	10
478	Data-based optimal Denial-of-Service attack scheduling against robust control based on Q-learning. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 5178-5194	3.6	6
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476	Robust event-triggered model predictive control for cyber-physical systems under denial-of-service attacks. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 4797-4811	3.6	27
475	Distributed secure state estimation for cyber-physical systems under sensor attacks. <i>Automatica</i> , <b>2019</b> , 107, 526-538	5.7	50
474	Event-Driven Fault Detection for Discrete-Time Interval Type-2 Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-10	7.3	19
473	Low-complexity adaptive tracking control of MIMO nonlinear systems with unknown control directions. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 2203-2222	3.6	7
472	Gossip-based distributed hierarchical algorithm for multi-cluster constrained optimisation. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 2346-2355	2.5	
471	Fault detection for fractional-order linear systems in finite frequency domains. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 2336-2345	2.5	0
470	Bearing-based formation manoeuvre control of nonholonomic multi-agent systems. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 2993-3002	2.3	2
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467	H $\infty$ filtering for T-S fuzzy systems with multiple time-varying delays: An improved delays-dependent region partitioning method. <i>Information Sciences</i> , <b>2019</b> , 481, 368-380	7.7	14
466	Neural network-based adaptive output feedback fault-tolerant control for nonlinear systems with prescribed performance. <i>Neurocomputing</i> , <b>2019</b> , 329, 457-467	5.4	20
465	Dynamic event-triggered control for linear time-invariant systems with $H_{\infty}$ -gain performance. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 507-518	3.6	38
464	Event-based output tracking control for fuzzy networked control systems with network-induced delays. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 346, 513-530	2.7	18
463	Secure Switched Observers for Cyber-Physical Systems Under Sparse Sensor Attacks: A Set Cover Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 3949-3955	5.9	26
462	Fuzzy Adaptive Fault-Tolerant Control of Unknown Nonlinear Systems With Time-Varying Structure. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1904-1916	8.3	11
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458	Backstepping-based decentralized tracking control for a class of interconnected stochastic nonlinear systems coupled via a directed graph. <i>Information Sciences</i> , <b>2019</b> , 477, 302-320	7.7	12
457	LQ Secure Control for Cyber-Physical Systems Against Sparse Sensor and Actuator Attacks. <i>IEEE Transactions on Control of Network Systems</i> , <b>2019</b> , 6, 833-841	4	26
456	Observer-based adaptive fuzzy quantized control of uncertain nonlinear systems with unknown control directions. <i>Fuzzy Sets and Systems</i> , <b>2019</b> , 371, 61-77	3.7	16
455	Adaptive asymptotic stabilization of a class of unknown nonlinear systems with specified convergence rate. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 238-251	3.6	3
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448	Decentralized Adaptive Fuzzy Secure Control for Nonlinear Uncertain Interconnected Systems Against Intermittent DoS Attacks. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 827-838	10.2	119
447	Data-Driven Adaptive Sliding Mode Control of Nonlinear Discrete-Time Systems With Prescribed Performance. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2598-2604	7.3	26
446	Observer-based adaptive prescribed performance tracking control for nonlinear systems with unknown control direction and input saturation. <i>Neurocomputing</i> , <b>2018</b> , 284, 17-26	5.4	33
445	Event-Based Adaptive NN Tracking Control of Nonlinear Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 4359-4369	10.3	40
444	Robust event-triggered control for networked control systems. <i>Information Sciences</i> , <b>2018</b> , 459, 186-197	7.7	36
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442	Secure State Estimation Against Sparse Sensor Attacks With Adaptive Switching Mechanism. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 2596-2603	5.9	87
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438	Decentralized stabilization of Markovian jump interconnected systems with unknown interconnections and measurement errors. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 2495-2512	3.6	5
437	Asynchronous fault detection and robust control for switched systems with state reset strategy. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 250-272	4	14
436	Data-driven compensation method for sensor drift faults in digital PID systems with unknown dynamics. <i>Journal of Process Control</i> , <b>2018</b> , 65, 15-33	3.9	4
435	Observer-Based Fuzzy Adaptive Sensor Fault Compensation for Uncertain Nonlinear Strict-Feedback Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 2301-2310	8.3	49
434	Augmented Lagrange algorithms for distributed optimization over multi-agent networks via edge-based method. <i>Automatica</i> , <b>2018</b> , 94, 55-62	5.7	40
433	Adaptive decentralized fault-tolerant tracking control for large-scale nonlinear systems with input quantization. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 3342-3356	3.6	10
432	Event-triggered fault detection for discrete-time T-S fuzzy systems. <i>ISA Transactions</i> , <b>2018</b> , 76, 18-30	5.5	11

431	Event-based weighted residual generator design via non-PDC scheme for fault diagnosis in TS fuzzy systems. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 3145-3167	4	5
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427	Observer-Based Adaptive Output-Feedback Fault-Tolerant Control of a Class of Complex Dynamical Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 2407-2418	7.3	21
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425	Quantization-Based Adaptive Actor-Critic Tracking Control With Tracking Error Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 970-980	10.3	32
424	Model-Based Adaptive Event-Triggered Control of Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1033-1045	10.3	146
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419	Decentralized Fault Detection for Affine TS Fuzzy Large-Scale Systems With Quantized Measurements. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 1414-1426	8.3	18
418	Neural network-based event-triggered MFAC for nonlinear discrete-time processes. <i>Neurocomputing</i> , <b>2018</b> , 272, 356-364	5.4	26
417	Event-Triggered Fault Detection Filter Design for Nonlinear Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1851-1862	7.3	154
416	Output-Feedback Control of Unknown Linear Discrete-Time Systems With Stochastic Measurement and Process Noise via Approximate Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 1977-1988	10.2	11
415	Data-Driven Coordinated Attack Policy Design Based on Adaptive $L_2$ -Gain Optimal Theory. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 1850-1857	5.9	32
414	Cooperative Fault Tolerant Tracking Control for Multiagent Systems: An Intermediate Estimator-Based Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2972-2980	10.2	42

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4 <sup>11</sup>	Simultaneous actuator and sensor fault estimation for discrete-time Lipschitz nonlinear systems in finite-frequency domain. <i>Optimal Control Applications and Methods</i> , <b>2018</b> , 39, 410-423	1.7	11
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4 <sup>02</sup>	Event-triggered resilient control for cyber-physical systems under asynchronous DoS attacks. <i>Information Sciences</i> , <b>2018</b> , 465, 340-352	7.7	45
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352	Robust adaptive backstepping control for hierarchical multi-agent systems with signed weights and system uncertainties. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2743-2752	2.5	10
351	Distributed adaptive consensus for linear multi-agent systems with quantised information. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 3129-3137	2.3	6
350	Adaptive sliding mode fault tolerant control for nonlinearly chaotic systems against DoS attack and network faults. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 6520-6535	4	31
349	Fault detection for discrete-time LPV systems using interval observers. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2921-2935	2.3	20
348	A data-driven fault-tolerant control design of linear multivariable systems with performance optimization. <i>ISA Transactions</i> , <b>2017</b> , 70, 200-208	5.5	7
347	Decentralized adaptive fault-tolerant control for large-scale systems with external disturbances and actuator faults. <i>Automatica</i> , <b>2017</b> , 85, 83-90	5.7	36
346	Event-triggered secure observer-based control for cyber-physical systems under adversarial attacks. <i>Information Sciences</i> , <b>2017</b> , 420, 96-109	7.7	52
345	Adaptive quantised fault-tolerant tracking control of uncertain nonlinear systems with unknown control direction and the prescribed accuracy. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2826-2837	2.3	3
344	Event-triggered fault detection observer design for affine fuzzy systems. <i>Neurocomputing</i> , <b>2017</b> , 267, 564-571	5.4	15
343	Distributed Adaptive Fuzzy Control For Nonlinear Multiagent Systems Under Directed Graphs. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 1-1	8.3	27
342	Cooperative tracking control for linear multi-agent systems with external disturbances under a directed graph. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2683-2691	2.3	9

341	Recursive observer-based fault detection for a class of nonlinear uncertain systems with output constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 2630-2645	3.6	2
340	Fault-tolerant control for linear systems with multiple faults and disturbances based on augmented intermediate estimator. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 164-172	2.5	15
339	Correlation-based fault-tolerant controller design for MIMO systems under the Youla parameterisation. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 1162-1172	2.3	1
338	Dynamic output feedback control of saturated switched delay systems under the PDT switching. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 2567-2588	3.6	5
337	Adaptive fuzzy output constrained decentralized control for switched nonlinear large-scale systems with unknown dead zones. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2017</b> , 23, 61-75	4.5	40
336	Fault estimation for a class of nonlinear Markov jump systems with general uncertain transition rates. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 805-817	2.3	10
335	Fault accommodation for uncertain linear systems with measurement errors. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 1841-1854	3.6	8
334	Input-Output Based Fault Estimation for T-S Fuzzy Systems With Local Nonlinear Parts. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1320-1328	8.3	15
333	Robust Adaptive Fault-Tolerant Control for a Class of Unknown Nonlinear Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 585-594	8.9	54
332	Adaptive nearly optimal control for a class of continuous-time nonaffine nonlinear systems with inequality constraints. <i>ISA Transactions</i> , <b>2017</b> , 66, 122-133	5.5	12
331	Event-based fault detection for non-linear networked systems with multi-data transmission and output quantisation. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2698-2706	2.5	9
330	Fault detection for discrete-time Lipschitz non-linear systems in finite-frequency domain. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2177-2186	2.5	11
329	Event-based model-free adaptive control for discrete-time non-linear processes. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2531-2538	2.5	26
328	Cooperative adaptive output regulation for linear multi-agent systems with actuator faults. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2396-2402	2.5	15
327	Secure estimation for cyber-physical systems under adversarial actuator attacks. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2939-2946	2.5	7
326	A New Sensor Fault Isolation Method for T-S Fuzzy Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2437-2447	10.2	79
325	Secure state estimation for cyber-physical systems under sparse sensor attacks via a switched Luenberger observer. <i>Information Sciences</i> , <b>2017</b> , 417, 454-464	7.7	53
324	Stabilisation of Markov jump systems with input quantisation and general uncertain transition rates. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 516-523	2.5	6

323	Data-driven adaptive fault-tolerant control for a class of multiple-input-multiple-output linear discrete-time systems. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 2824-2833	2.5	3
322	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> , <b>2016</b> , 27, 165-77	10.3	115
321	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> , <b>2016</b> , 24, 223-234	8.3	132
320	H $\infty$ controller design for affine fuzzy systems based on piecewise Lyapunov functions in finite-frequency domain. <i>Fuzzy Sets and Systems</i> , <b>2016</b> , 290, 22-38	3.7	17
319	Approximate guaranteed cost fault-tolerant control of unknown nonlinear systems with time-varying actuator faults. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 269-282	5	16
318	Non-fragile H $\infty$ dynamic output feedback control for uncertain Takagi-Sugeno fuzzy systems with time-varying delay. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2954-2964	2.3	16
317	Adaptive fuzzy tracking control for a class of uncertain nonaffine nonlinear systems with dead-zone inputs. <i>Fuzzy Sets and Systems</i> , <b>2016</b> , 290, 1-21	3.7	32
316	FLS-Based Adaptive Synchronization Control of Complex Dynamical Networks With Nonlinear Couplings and State-Dependent Uncertainties. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 171-80	10.2	143
315	Simultaneous fault detection and control for switched systems with actuator faults. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 2411-2427	2.3	9
314	Fault detection filter design with adaptive mechanism for linear uncertain polytopic systems in finite frequency domains. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2027-2037	2.5	6
313	Nearly optimal sliding mode fault-tolerant control for affine nonlinear systems with state constraints. <i>Neurocomputing</i> , <b>2016</b> , 216, 78-88	5.4	15
312	Adaptive asymptotic tracking control of uncertain nonlinear systems with input quantization and actuator faults. <i>Automatica</i> , <b>2016</b> , 72, 177-185	5.7	203
311	Fault detection filter design with varying gains for multi-delay uncertain systems. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 3699-3721	4	5
310	A new fault detection observer scheme for T-S fuzzy systems with unmeasurable variables <b>2016</b> ,		1
309	Cooperative guaranteed cost fault-tolerant control for multi-agent systems with time-varying actuator faults. <i>Neurocomputing</i> , <b>2016</b> , 214, 382-390	5.4	37
308	Data-driven output-feedback fault-tolerant L2 control of unknown dynamic systems. <i>ISA Transactions</i> , <b>2016</b> , 63, 182-195	5.5	11
307	Simultaneous fault diagnosis for robot manipulators with actuator and sensor faults. <i>Information Sciences</i> , <b>2016</b> , 366, 12-30	7.7	33
306	Distributed reliable H $\infty$ 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> , <b>2016</b> , 26, 2767-2787	3.6	56

305	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 7029-7039	8.9	38
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303	Decentralized adaptive fuzzy fault-tolerant tracking control of large-scale nonlinear systems with actuator failures. <i>Neurocomputing</i> , <b>2016</b> , 179, 307-317	5.4	14
302	Adaptive Fault Tolerant Control of Cooperative Heterogeneous Systems With Actuator Faults and Unreliable Interconnections. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 3240-3255	5.9	141
301	Decentralized State Feedback Control of Uncertain Affine Fuzzy Large-Scale Systems With Unknown Interconnections. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 1134-1146	8.3	31
300	Distributed fault-tolerant control for a class of cooperative uncertain systems with actuator failures and switching topologies. <i>Information Sciences</i> , <b>2016</b> , 370-371, 650-666	7.7	36
299	Cooperative adaptive output feedback control for nonlinear multi-agent systems with actuator failures. <i>Neurocomputing</i> , <b>2016</b> , 199, 50-57	5.4	29
298	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> , <b>2016</b> , 10, 273-281	2.5	53
297	Data-based fault-tolerant control for uncertain linear systems with actuator faults. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 265-272	2.5	20
296	Adaptive fuzzy asymptotic tracking control of uncertain nonaffine nonlinear systems with non-symmetric dead-zone nonlinearities. <i>Information Sciences</i> , <b>2016</b> , 348, 1-14	7.7	30
295	Fault Estimation for a Class of Nonlinear Systems Based on Intermediate Estimator. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 2518-2524	5.9	108
294	Fault Detection and Isolation for Affine Fuzzy Systems With Sensor Faults. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 1058-1071	8.3	34
293	Adaptive sliding-mode control for stochastic Markovian jumping systems with actuator faults. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 664-673	2.5	15
292	Switched filter design for interval type-2 fuzzy systems with sensor nonlinearities. <i>Neurocomputing</i> , <b>2016</b> , 194, 168-175	5.4	6
291	Robust adaptive fault-tolerant control for a class of uncertain nonlinear systems with multiple time delays. <i>Journal of Process Control</i> , <b>2016</b> , 41, 1-13	3.9	22
290	Robust adaptive fuzzy control of a class of uncertain switched nonlinear systems with mismatched uncertainties. <i>Information Sciences</i> , <b>2016</b> , 339, 290-309	7.7	25
289	Robust H <sub>∞</sub> dynamic output feedback synchronization for complex dynamical networks with disturbances. <i>Neurocomputing</i> , <b>2016</b> , 175, 287-292	5.4	23
288	Fault detection and isolation for uncertain closed-loop systems based on adaptive and switching approaches. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 2916-2937	3.6	8

287	Adaptive fuzzy fault tolerant tracking control for a class of uncertain switched nonlinear systems with output constraints. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 2999-3020	4	27
286	Input-output based fault estimation for linear systems with partially dynamic uncertainty and actuator faults. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 3611-3630	3.6	13
285	Dynamic output feedback controller design for affine T-S fuzzy systems with quantized measurements. <i>ISA Transactions</i> , <b>2016</b> , 64, 202-215	5.5	16
284	Simultaneous control and fault detection for discrete-time switched delay systems under the improved persistent dwell time switching. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 814-824	2.5	23
283	Adaptive fault-tolerant control for affine non-linear systems based on approximate dynamic programming. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 655-663	2.5	29
282	Data-based fault-tolerant control for affine nonlinear systems with actuator faults. <i>ISA Transactions</i> , <b>2016</b> , 64, 285-292	5.5	15
281	Data-driven output-feedback fault-tolerant control for unknown dynamic systems with faults changing system dynamics. <i>Journal of Process Control</i> , <b>2016</b> , 43, 10-23	3.9	31
280	Fault estimation for a class of linear parameter varying systems with Markovian jumps. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 4680-4700	4	5
279	Fault estimation for a class of non-linear systems via full-column-rank state variable substitution. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2260-2270	2.5	5
278	Distributed H <sub>∞</sub> consensus tracking control for multi-agent networks with switching directed topologies. <i>Neurocomputing</i> , <b>2016</b> , 207, 693-699	5.4	19
277	Time-varying threshold-based fault detection for a class of uncertain non-linear systems in strict-feedback form. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2149-2159	2.5	5
276	Fault detection filter design for stochastic networked control systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 443-460	3.6	13
275	(L <sub>2</sub> )-gain analysis and control of saturated switched systems with a dwell time constraint. <i>Nonlinear Dynamics</i> , <b>2015</b> , 80, 1231-1244	5	8
274	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> , <b>2015</b> , 9, 1274-1284	2.5	114
273	Adaptive H <sub>∞</sub> control in finite frequency domain for uncertain linear systems. <i>Information Sciences</i> , <b>2015</b> , 314, 14-27	7.7	20
272	Fault Detection for Discrete-Time Switched Systems in Finite-Frequency Domain. <i>Circuits, Systems, and Signal Processing</i> , <b>2015</b> , 34, 1305-1324	2.2	14
271	Simultaneous Fault Detection and Control for Discrete-Time Switched Systems. <i>Circuits, Systems, and Signal Processing</i> , <b>2015</b> , 34, 3811-3831	2.2	2
270	Robust fuzzy adaptive fault-tolerant control for a class of nonlinear systems with mismatched uncertainties and actuator faults. <i>Nonlinear Dynamics</i> , <b>2015</b> , 81, 395-409	5	30

269	Adaptive tracking control for a class of Markovian jump systems with time-varying delay and actuator faults. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 1979-2001	4	23
268	Adaptive fault-tolerant control of a class of nonaffine nonlinear systems with mismatched parameter uncertainties and disturbances. <i>Nonlinear Dynamics</i> , <b>2015</b> , 82, 1281-1291	5	18
267	Adaptive fault diagnosis for robot manipulators with multiple actuator and sensor faults <b>2015</b> ,		3
266	Robust adaptive fault-tolerant control of uncertain linear systems via sliding-mode output feedback. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2461-2480	3.6	39
265	Robust fault detection for networked control systems with packet dropouts: An average dwell time method. <i>Optimal Control Applications and Methods</i> , <b>2015</b> , 36, 179-197	1.7	7
264	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 421-433	8.3	141
263	Robust adaptive fault-tolerant tracking control of multiple time-delays systems with mismatched parameter uncertainties and actuator failures. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 2922-2938	3.6	23
262	Optimal partitioning method for stability analysis of continuous/discrete delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2015</b> , 25, 559-574	3.6	77
261	Death receptor and mitochondria-mediated hepatocyte apoptosis underlies liver dysfunction in rats exposed to organic pollutants from drinking water. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 4719-33	4.4	4
260	Fault detection for discrete-time switched systems with sensor stuck faults and servo inputs. <i>ISA Transactions</i> , <b>2015</b> , 58, 196-205	5.5	16
259	Fault Detection and Isolation for a Class of Uncertain State-Feedback Fuzzy Control Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 139-151	8.3	112
258	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 827-841	8.3	60
257	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> , <b>2015</b> , 23, 152-163	8.3	315
256	Fault detection for uncertain switched systems with time-varying delays. <i>Journal of the Franklin Institute</i> , <b>2015</b> , 352, 1455-1475	4	18
255	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> , <b>2015</b> , 25, 3780-3798	3.6	35
254	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> , <b>2015</b> , 25, 3799-3817	3.6	48
253	Adaptive Backstepping Stabilization of Nonlinear Uncertain Systems With Quantized Input Signal. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 460-464	5.9	260
252	Actuator fault diagnosis for uncertain TB fuzzy systems with local nonlinear models. <i>Nonlinear Dynamics</i> , <b>2014</b> , 76, 1977-1988	5	26

251	Robust adaptive fault-tolerant control for linear systems with actuator failures and mismatched parameter uncertainties. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 441-449	2.5	60
250	Fault detection in finite frequency domain for Takagi-Sugeno fuzzy systems with sensor faults. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 1446-58	10.2	173
249	New Results on Output Feedback $H_{\infty}$ Control for Linear Discrete-Time Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2014</b> , 59, 1355-1359	5.9	199
248	Robust synchronization control for complex networks with disturbed sampling couplings. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 1985-1995	3.7	17
247	Nonfragile $H_{\infty}$ Filter Design for T $\Sigma$ Fuzzy Systems in Standard Form. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 3448-3458	8.9	150
246	Fault Detection for T $\Sigma$ Fuzzy Systems With Unknown Membership Functions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 139-152	8.3	82
245	Non-fragile $H_{\infty}$ filter design with sparse structure for linear discrete-time systems. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 225-240	4	10
244	Non-fragile $H_{\infty}$ filter design for discrete-time fuzzy systems with multiplicative gain variations. <i>Information Sciences</i> , <b>2014</b> , 266, 171-185	7.7	29
243	Simultaneous fault detection and control for stochastic time-delay systems. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1058-1069	2.3	18
242	A Sequential Linear Programming Matrix Method to Insensitive $H_{\infty}$ Output Feedback for Linear Discrete-Time Systems. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2014</b> , 136,	1.6	1
241	Fault detection for a class of nonlinear stochastic systems with Markovian switching and mixed time-delays. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 215-231	2.3	7
240	Fault Tolerant Controller Design for T $\Sigma$ Fuzzy Systems With Time-Varying Delay and Actuator Faults: A K-Step Fault-Estimation Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 1526-1540	8.3	121
239	A parameter-varying fault detection filter design approach for polytopic uncertain linear systems. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1070-1079	2.3	2
238	Quantised feedback sliding mode control of linear uncertain systems. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 479-487	2.5	20
237	Robust mixed $l(1)/H_{\infty}$ filtering for affine fuzzy systems with measurement errors. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 1100-10	10.2	27
236	Insensitive output feedback $H_{\infty}$ control of delta operator systems with insensitivity to sampling time jitter. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 725-743	3.6	6
235	Fault detection filter design for discrete-time switched linear systems with mode-dependent average dwell-time. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2014</b> , 28, 77-95	2.8	10
234	Robust fault detection and isolation for a class of uncertain single output non-linear systems. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 462-470	2.5	23

233	Asynchronous fault detection filter design approach for discrete-time switched linear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 70-96	3.6	32
232	Quantized output feedback stabilization of uncertain systems with input nonlinearities via sliding mode control. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 228-246	3.6	37
231	Fault detection and isolation for networked control systems with finite frequency specifications. <i>International Journal of Robust and Nonlinear Control</i> , <b>2014</b> , 24, 495-514	3.6	30
230	Sliding mode control for Markov jump linear uncertain systems with partly unknown transition rates. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1999-2011	2.3	15
229	Robust quantized feedback stabilization of linear systems based on sliding mode control. <i>Optimal Control Applications and Methods</i> , <b>2013</b> , 34, 458-471	1.7	15
228	Discrete-time multivariable robust model reference adaptive control based on $K_p = LDS$ factorization: an input-output approach. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2013</b> , 27, 209-229	2.8	2
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226	$H_2$ control of linear uncertain systems considering input quantization with encoder/decoder mismatch. <i>ISA Transactions</i> , <b>2013</b> , 52, 577-82	5.5	16
225	Robust static output feedback control synthesis for linear continuous systems with polytopic uncertainties. <i>Automatica</i> , <b>2013</b> , 49, 1821-1829	5.7	122
224	Controller design for affine fuzzy systems via characterization of dilated linear matrix inequalities. <i>Fuzzy Sets and Systems</i> , <b>2013</b> , 217, 96-109	3.7	11
223	Sparse structured non-fragile $H_\infty$ controller design for linear systems. <i>International Journal of Control, Automation and Systems</i> , <b>2013</b> , 11, 704-710	2.9	6
222	Switching-Type $H_\infty$ Filter Design for T - S Fuzzy Systems With Unknown or Partially Unknown Membership Functions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2013</b> , 21, 385-392	8.3	52
221	Fault detection in finite frequency domain for networked control systems with missing measurements. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 2605-2626	4	29
220	Robust $H_\infty$ and adaptive tracking control against actuator faults with a linearised aircraft application. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 151-165	2.3	26
219	Simultaneous fault detection and control for switched systems under asynchronous switching. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2013</b> , 227, 70-84	1	9
218	Diagonal dominance for flight control systems of canard aircraft in finite frequency range <b>2013</b> ,		1
217	Decentralized sliding mode quantized feedback control for a class of uncertain large-scale systems with dead-zone input. <i>Nonlinear Dynamics</i> , <b>2013</b> , 71, 417-427	5	28
216	Adaptive sliding mode fault-tolerant control for nonlinearly chaotic systems against network faults and time-delays. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 1206-1220	4	21

215	Insensitive reliable H <sub>∞</sub> filtering against sensor failures. <i>Information Sciences</i> , <b>2013</b> , 224, 188-199	7.7	15
214	Robust H-infinity filtering for uncertain discrete-time systems using parameter-dependent Lyapunov functions. <i>Journal of Control Theory and Applications</i> , <b>2013</b> , 11, 122-127		19
213	Dynamic output feedback H <sub>∞</sub> control for affine fuzzy systems. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1102-1111	2.3	16
212	Robust H <sub>∞</sub> filter design for affine fuzzy systems. <i>International Journal of Control, Automation and Systems</i> , <b>2013</b> , 11, 410-415	2.9	6
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210	Adaptive pinning synchronization of a class of nonlinearly coupled complex networks. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2013</b> , 18, 316-326	3.7	27
209	Insensitive dynamic output feedback control with mixed-H <sub>∞</sub> norm sensitivity minimization. <i>Journal of the Franklin Institute</i> , <b>2013</b> , 350, 72-91	4	8
208	Fault detection for switched linear parameter-varying systems: an average dwell-time approach. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1120-1130	2.5	12
207	Nonlinear fault tolerant control for polynomial systems with input saturation <b>2013</b> ,		1
206	Switching fault-tolerant control for a class of nonlinear systems with actuator faults <b>2013</b> ,		1
205	Residual generation for fault detection and isolation in a class of uncertain nonlinear systems. <i>International Journal of Control</i> , <b>2013</b> , 86, 263-275	1.5	13
204	Nonfragile H <sub>∞</sub> filtering of Continuous Markov Jump Linear Systems With General Transition Probabilities. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , <b>2013</b> , 135,	1.6	2
203	Robust fault-tolerant control based on sliding mode method for uncertain linear systems. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2013</b> , 227, 692-703	1	5
202	Stochastic Stability for Time-Delay Markovian Jump Systems with Sector-Bounded Nonlinearities and More General Transition Probabilities. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-9	1.1	1
201	Fault diagnosis for non-linear single output systems based on adaptive high-gain observer. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1969-1977	2.5	11
200	Aero-engine main fuel control loop modeling and identification <b>2013</b> ,		1
199	Finite-Frequency Filter Design for Networked Control Systems with Missing Measurements. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-8	1.1	2
198	H <sub>∞</sub> output tracking control for delta operator systems with insensitivity to controller coefficient variations. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 652-662	2.3	2

197	Fault detection for networked control systems subject to quantisation and packet dropout. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1150-1159	2.3	14
196	Fault-tolerant control via sliding-mode output feedback for uncertain linear systems with quantisation. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1992-2006	2.5	36
195	H <sub>∞</sub> filter design for continuous-time systems with quantised signals. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 265-274	2.3	17
194	Fault detection for a class of nonhomogeneous Markov jump systems based on delta operator approach. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>2013</b> , 227, 129-141	1	12
193	Fault detection and isolation for discrete-time switched linear systems based on average dwell-time method. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 2349-2364	2.3	13
192	Robust stability of parameter uncertain systems with limited data rates. <i>International Journal of Systems Science</i> , <b>2013</b> , 44, 1426-1437	2.3	1
191	Non-fragile fuzzy H <sub>∞</sub> filter design for nonlinear continuous-time systems with stability constraints. <i>Signal Processing</i> , <b>2012</b> , 92, 575-586	4.4	37
190	Fault detection for linear stochastic systems with sensor stuck faults. <i>Optimal Control Applications and Methods</i> , <b>2012</b> , 33, 61-80	1.7	40
189	H <sub>2</sub> filter design for discrete-time Markov jump linear systems with partly unknown transition probabilities. <i>Optimal Control Applications and Methods</i> , <b>2012</b> , 33, 318-337	1.7	14
188	Piecewise controller design for affine fuzzy systems via dilated linear matrix inequality characterizations. <i>ISA Transactions</i> , <b>2012</b> , 51, 771-7	5.5	22
187	H <sub>2</sub> state feedback controller design for continuous Markov jump linear systems with partly known information. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 786-796	2.3	27
186	Adaptive pinning control of deteriorated nonlinear coupling networks with circuit realization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2012</b> , 23, 1345-55	10.3	80
185	Adaptive fault detection and isolation approach for actuator stuck faults in closed-loop systems. <i>International Journal of Control, Automation and Systems</i> , <b>2012</b> , 10, 830-834	2.9	14
184	Fault tolerant H <sub>∞</sub> control for a class of polynomial non-linear discrete-time systems. <i>International Journal of Control, Automation and Systems</i> , <b>2012</b> , 10, 849-854	2.9	1
183	Adaptive synchronization of master-slave large-scale systems against bias actuators and network attenuations. <i>International Journal of Control, Automation and Systems</i> , <b>2012</b> , 10, 1102-1110	2.9	18
182	Sampled-data H <sub>∞</sub> control for networked control systems with digital control inputs. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 1728-1740	2.3	17
181	Performance analysis for multi-delay systems in finite frequency domains. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 933-944	3.6	17
180	Robust adaptive tracking control of distributed delay systems with actuator and communication failures. <i>Asian Journal of Control</i> , <b>2012</b> , 14, 1282-1298	1.7	8

179	Dynamic output feedback control synthesis for stochastic time-delay systems. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 586-595	2.3	6
178	Delay-dependent reliable $H_{\infty}$ filtering for sector-bounded nonlinear continuous-time systems with time-varying state delays and sensor failures. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 117-131 <sup>2,3</sup>		19
177	Fault detection filter design for stochastic time-delay systems with sensor faults. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 1504-1518	2.3	20
176	Low-sensitivity $H_{\infty}$ filter design for linear delta operator systems with sampling time jitter. <i>International Journal of Control</i> , <b>2012</b> , 85, 397-408	1.5	7
175	Observer-based fuzzy controller design with local nonlinear feedback laws for discrete-time nonlinear systems <b>2012</b> ,		1
174	Insensitive $H_{\infty}$ filtering for fast-sampled linear systems with respect to sampling time jitter <b>2012</b> ,		1
173	Further results on quantized feedback sliding mode control of linear uncertain systems <b>2012</b> ,		2
172	A novel adaptive control approach for nonlinear strict-feedback systems using nonlinearly parameterised fuzzy approximators. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 517-527	2.3	24
171	Control Synthesis of T $\Sigma$ Fuzzy Systems Based on a New Control Scheme. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 323-338	8.3	50
170	Adaptive Synchronization of a Class of Uncertain Complex Networks Against Network Deterioration. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 1396-1409	3.9	58
169	Nonfragile $H_{\infty}$ Filtering of Continuous-Time Fuzzy Systems. <i>IEEE Transactions on Signal Processing</i> , <b>2011</b> , 59, 1528-1538	4.8	185
168	LMI optimization approach on robustness and $H_{\infty}$ control analysis via disturbance-observer-based control for uncertain systems <b>2011</b> ,		1
167	A descriptor representation approach to observer-based control synthesis for discrete-time fuzzy systems. <i>Fuzzy Sets and Systems</i> , <b>2011</b> , 185, 38-51	3.7	55
166	Fuzzy robust constrained model predictive control for nonlinear systems. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 947-955	1.7	22
165	Non-fragile dynamic output feedback $H_{\infty}$ control for discrete-time systems with FWL consideration. <i>International Journal of Control, Automation and Systems</i> , <b>2011</b> , 9, 993-997	2.9	5
164	An adaptive fuzzy design for fault-tolerant control of MIMO nonlinear uncertain systems. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 244-250		42
163	$H_{\infty}$ filtering for discrete-time switched linear systems under arbitrary switching. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 261-266		2
162	A new stability analysis and controller design method for discrete-time linear systems with saturation nonlinearities. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 604-610		1

161	Adaptive logic-based switching fault-tolerant controller design for nonlinear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2011</b> , 21, 404-428	3.6	28
160	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> , <b>2011</b> , 25, 983-1005	2.8	6
159	Robust switching-type H <sub>∞</sub> filter design for linear uncertain systems with time-varying delay. <i>Information Sciences</i> , <b>2011</b> , 181, 1686-1699	7.7	8
158	Delay-dependent state feedback control with small gain conditions in finite frequency domains. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 369-375	2.3	5
157	Dynamic output feedback H <sub>∞</sub> control for networked control systems with quantisation and random communication delays. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1723-1734	2.3	11
156	Observer-based H <sub>∞</sub> control for discrete-time TB fuzzy systems. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 1801-1809	2.3	23
155	An LMI approach to H <sub>∞</sub> model reduction of linear discrete-time systems over finite frequency interval <b>2011</b> ,		1
154	H <sub>∞</sub> filter design for fuzzy systems via fuzzy Lyapunov functions <b>2011</b> ,		1
153	Observer-based fault detection and isolation for a class of uncertain systems <b>2011</b> ,		1
152	Fault detection of networked control systems with packet dropout subject to sensor saturation <b>2011</b> ,		1
151	Distributed robust adaptive control for a class of dynamical complex networks against imperfect communications. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 457-468	2.3	11
150	An actuator fault isolation strategy for a class of nonlinear systems with time-delay using adaptive nonlinear unknown input observer <b>2010</b> ,		1
149	Time delay and packet dropout compensation for networked control systems: a linear estimation method. <i>International Journal of Control</i> , <b>2010</b> , 83, 115-124	1.5	16
148	Reliable $H_{\infty}$ Control of Linear Systems With Adaptive Mechanism. <i>IEEE Transactions on Automatic Control</i> , <b>2010</b> , 55, 242-247	5.9	250
147	Filtering for a class of nonlinear MIMO uncertain time-delay stochastic systems. <i>International Journal of Control</i> , <b>2010</b> , 83, 432-440	1.5	0
146	Switching fuzzy dynamic output feedback H <sub>∞</sub> control for nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 505-16		36
145	Fuzzy Filter Design for Nonlinear Systems in Finite-Frequency Domain. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2010</b> , 18, 935-945	8.3	107
144	Fault Detection for a Class of Uncertain State-Feedback Control Systems. <i>IEEE Transactions on Control Systems Technology</i> , <b>2010</b> , 18, 201-212	4.8	70

143	Improved LMI conditions for $H_2$ output feedback stabilization of linear discrete-time systems. <i>International Journal of Control, Automation and Systems</i> , <b>2010</b> , 8, 163-168	2.9	6
142	Static output feedback for discrete-time switched linear systems under arbitrary switching. <i>International Journal of Control, Automation and Systems</i> , <b>2010</b> , 8, 220-227	2.9	3
141	Observer-based $h$ -infinity control in multiple channel networked control systems with random packet dropouts. <i>Journal of Control Theory and Applications</i> , <b>2010</b> , 8, 359-367		7
140	Robust fault-tolerant controller design for linear time-invariant systems with actuator failures: an indirect adaptive method. <i>Journal of Control Theory and Applications</i> , <b>2010</b> , 8, 471-478		28
139	Stability analysis for linear discrete-time systems subject to actuator saturation. <i>Journal of Control Theory and Applications</i> , <b>2010</b> , 8, 245-248		3
138	$H$ -infinity performance optimization for networked control systems with limited communication channels. <i>Journal of Control Theory and Applications</i> , <b>2010</b> , 8, 99-104		4
137	Reliable $H_2$ filter design for a class of discrete-time nonlinear systems with time-varying delay. <i>Optimal Control Applications and Methods</i> , <b>2010</b> , 31, 303-322	1.7	22
136	Adaptive output control of uncertain nonlinear systems with non-symmetric dead-zone input. <i>Automatica</i> , <b>2010</b> , 46, 413-420	5.7	73
135	Insensitive . <i>Automatica</i> , <b>2010</b> , 46, 1860-1869	5.7	25
134	Relaxed stabilization conditions for continuous-time Takagi-Sugeno fuzzy control systems. <i>Information Sciences</i> , <b>2010</b> , 180, 3273-3287	7.7	88
133	Fault Detection Filter Design for Linear Polytopic Uncertain Continuous-time Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2010</b> , 36, 742-750		8
132	New results of stability analysis for systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 596-606	3.6	49
131	Fault detection for output feedback control systems with actuator stuck faults: A steady-state-based approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2010</b> , 20, 1739-1757	3.6	28
130	Fault Detection Filter Design for Linear Polytopic Uncertain Continuous-time Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2010</b> , 36, 742-750		5
129	Distributed fault-tolerant control systems design against actuator faults and faulty interconnection links: An adaptive method <b>2009</b> ,		3
128	State feedback controller design of networked control systems with multiple-packet transmission. <i>International Journal of Control</i> , <b>2009</b> , 82, 86-94	1.5	11
127	Quantised $H_2$ filter design for discrete-time systems. <i>International Journal of Control</i> , <b>2009</b> , 82, 195-206	1.5	28
126	Output tracking control for discrete-time networked control systems <b>2009</b> ,		8

125	Adaptive robust tracking control for a class of distributed systems with faulty actuators and interconnections <b>2009</b> ,		2
124	$H_{\infty}$ Controller Synthesis via Switched PDC Scheme for Discrete-Time T-S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 544-555	8.3	67
123	Reliable $H_{\infty}$ filter design for a class of continuous-time nonlinear systems with time-varying delay <b>2009</b> ,		1
122	Discrete-time quantized $H_{\infty}$ filtering with quantizer ranges consideration <b>2009</b> ,		2
121	New $H_{\infty}$ controller design method for networked control systems with quantized state feedback <b>2009</b> ,		7
120	Non-fragile $H_{\infty}$ filter design with pole placement constraints for delta operator formulated systems via LMI optimization <b>2009</b> ,		1
119	Analysis and design of output feedback control systems in the presence of actuator saturation <b>2009</b> ,		1
118	Control synthesis via state feedback with finite frequency specifications for time-delay systems. <i>International Journal of Control</i> , <b>2009</b> , 82, 508-516	1.5	18
117	Insensitive $H_{\infty}$ filter design for discrete-time systems: an LMI optimization approach <b>2009</b> ,		1
116	State feedback control of continuous-time Networked Control Systems in multiple-packet transmission <b>2009</b> ,		3
115	Analysis and design of output feedback control systems in the presence of state saturation <b>2009</b> ,		1
114	Discrete-time non-fragile dynamic output feedback $H_{\infty}$ controller design <b>2009</b> ,		1
113	Stability analysis of networked control systems with quantized feedback <b>2009</b> ,		1
112	Quantized $H_{\infty}$ control for networked control systems with packet dropouts <b>2009</b> ,		2
111	Robust stability of polytopic systems via affine parameter-dependent Lyapunov functions <b>2009</b> ,		1
110	Finite frequency . <i>Progress in Natural Science: Materials International</i> , <b>2009</b> , 19, 1625-1633	3.6	37
109	Fault-tolerant control systems design via subdivision of parameter region. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 127-133		
108	Non-fragile state feedback H-infinity control for discrete-time systems with quantized signals. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 63-67		4

107	Robust stabilization of switched discrete-time systems with actuator saturation. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 454-458		2
106	Adaptive fault-tolerant control of linear systems with actuator saturation and L 2-disturbances. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 119-126		9
105	Distributed adaptive fault-tolerant control against actuator faults and lossy interconnection links. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 411-418		2
104	Adaptive fault-tolerant control of linear time-invariant systems in the presence of actuator saturation. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 321-327		3
103	Backstepping adaptive fuzzy control of uncertain nonlinear systems against actuator faults. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 248-256		70
102	Stability analysis of decentralized adaptive backstepping control systems with actuator failures. <i>Journal of Systems Science and Complexity</i> , <b>2009</b> , 22, 109-121	1	10
101	Relaxed stability condition and state feedback H <sub>∞</sub> controller design for T-S fuzzy systems. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 139-144	2.9	7
100	Mixed frequency small gain state feedback control with application to insulin pumps. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 319-324	2.9	2
99	LMI stability criterion with less variables for time-delay systems. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 530-535	2.9	15
98	Distributed adaptive robust tracking and model matching control with actuator faults and interconnection failures. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 702-710	2.9	16
97	Robust H <sub>∞</sub> model reference tracking control for networked control systems with communication constraints. <i>International Journal of Control, Automation and Systems</i> , <b>2009</b> , 7, 992-1000	2.9	21
96	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 305-309		70
95	Adaptive Tracking and Disturbance Rejection for a Class of Distributed Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 1114-1120		2
94	Non-fragile H <sub>∞</sub> Filter Design for Delta Operator Formulated Systems with Circular Region Pole Constraints: an LMI Optimization Approach. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 1209-1215		19
93	Fault Detection Observer Design in Low Frequency Domain for Linear Time-delay Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 1465-1470		10
92	Integrated fault detection and control for LPV systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 341-363	3.6	54
91	Delay-dependent adaptive reliable H <sub>∞</sub> control of linear time-varying delay systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 462-479	3.6	19
90	Fault-tolerant control synthesis for a class of nonlinear systems: Sum of squares optimization approach. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 591-610	3.6	55

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88	Dynamic output feedback control synthesis for discrete-time TS fuzzy systems via switching fuzzy controllers. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 482-499	3-7	54
87	Static output feedback control of a class of nonlinear discrete-time systems. <i>Fuzzy Sets and Systems</i> , <b>2009</b> , 160, 2844-2859	3-7	57
86	$H_{\infty}$ control design for fuzzy discrete-time singularly perturbed systems via slow state variables feedback: An LMI-based approach. <i>Information Sciences</i> , <b>2009</b> , 179, 3041-3058	7-7	39
85	Network-based robust $H_{\infty}$ control of continuous-time systems with uncertainty. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 21-30	1-7	6
84	State feedback control synthesis for networked control systems with packet dropout. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 49-58	1-7	17
83	$H_{\infty}$ fuzzy static output feedback control of T-S fuzzy systems based on fuzzy Lyapunov approach. <i>Asian Journal of Control</i> , <b>2009</b> , 11, 89-93	1-7	18
82	A delay decomposition approach to stability analysis of discrete-time systems with time-varying delay <b>2009</b> ,		23
81	New characterisations of positive realness and static output feedback control of discrete-time systems. <i>International Journal of Control</i> , <b>2009</b> , 82, 1485-1495	1-5	16
80	Adaptive observer-based fault diagnosis for a class of MIMO nonlinear uncertain systems <b>2009</b> ,		4
79	Quantized $H_{\infty}$ control for networked control systems with random delays <b>2009</b> ,		1
78	Adaptive robust $H_{\infty}$ filter design for linear systems with time-varying uncertainty. <i>International Journal of Control</i> , <b>2009</b> , 82, 517-524	1-5	7
77	Control synthesis of continuous-time T-S fuzzy systems with local nonlinear models. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 1245-58		100
76	Robust Adaptive Fault-tolerant Compensation Control with Actuator Failures and Bounded Disturbances. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 305-309		42
75	Adaptive Tracking and Disturbance Rejection for a Class of Distributed Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 1114-1120		4
74	Non-fragile $H_{\infty}$ filter Design for Delta Operator Formulated Systems with Circular Region Pole Constraints: an LMI Optimization Approach. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2009</b> , 35, 1209-1215		15
73	An Lmi Approach To Non-Fragile Guaranteed Cost Control Of Uncertain Discrete Time-Delay Systems. <i>Asian Journal of Control</i> , <b>2008</b> , 3, 226-233	1-7	7
72	Resilient $H_{\infty}$ Control Design for Discrete-Time Uncertain Linear Systems: An Auxiliary System Transformation Approach. <i>Asian Journal of Control</i> , <b>2008</b> , 4, 223-230	1-7	

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69	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> , <b>2008</b> , 38, 1166-75		52
68	$H(\infty)$ filtering for fuzzy singularly perturbed systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 1371-89		34
67	Stability analysis and state feedback control of networked control systems with multi-packet transmission <b>2008</b> ,		4
66	Stabilization with decay rate analysis for discrete-time linear systems subject to actuator saturation <b>2008</b> ,		2
65	Delay-dependent adaptive robust $H_{\infty}$ control for uncertain linear systems with time-varying delay <b>2008</b> ,		1
64	Adaptive fault-tolerant control of linear systems in the presence of actuator saturation and $L_2$ -disturbances <b>2008</b> ,		2
63	State-feedback control design for continuous-time piecewise linear systems: An LMI approach <b>2008</b> ,		1
62	New results on stability analysis of networked control systems <b>2008</b> ,		2
61	Packet dropout compensation for networked control systems: A multiple communication channels method <b>2008</b> ,		1
60	Output tracking control for networked control systems with time delay and packet dropout. <i>International Journal of Control</i> , <b>2008</b> , 81, 1709-1719	1.5	46
59	Control Synthesis of Singularly Perturbed Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2008</b> , 16, 615-629	8.3	49
58	$H_{\infty}$ output tracking performance analysis and controller design for networked control systems with packet dropout <b>2008</b> ,		1
57	Fault tolerant $H_{\infty}$ control for a class of nonlinear discrete-time systems: Using sum of squares optimization <b>2008</b> ,		2
56	Output feedback stabilization for switched systems subject to saturation nonlinearity <b>2008</b> ,		1
55	Analysis and design of output feedback control systems with actuator saturation. <i>Journal of Control Theory and Applications</i> , <b>2008</b> , 6, 421-426		1
54	Quantized Dynamic Output Feedback $H_{\infty}$ Control for Discrete-time Systems with Quantizer Ranges Consideration. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , <b>2008</b> , 34, 652-658		14

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52	A finite frequency approach to filter design for uncertain discrete-time systems. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 533-550	2.8	50
51	Robust . <i>Automatica</i> , <b>2008</b> , 44, 1431-1436	5.7	69
50	Non-fragile $H_{\infty}$ filter design for linear continuous-time systems. <i>Automatica</i> , <b>2008</b> , 44, 2849-2856	5.7	130
49	Robust static output feedback control for linear discrete-time systems with time-varying uncertainties. <i>Systems and Control Letters</i> , <b>2008</b> , 57, 123-131	2.4	72
48	A finite frequency domain approach to fault detection observer design for linear continuous-time systems. <i>Asian Journal of Control</i> , <b>2008</b> , 10, 559-568	1.7	52
47	Reliable guaranteed cost control for linear state delayed systems with adaptive memory state feedback controllers. <i>Asian Journal of Control</i> , <b>2008</b> , 10, 678-686	1.7	9
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39	Delay-Dependent Reliable $H$ Control for Linear Time-Varying Delay Systems via Adaptive Approach. <i>Proceedings of the American Control Conference</i> , <b>2007</b> ,	1.2	4
38	Fault Estimations for Uncertain Linear Discrete-time Systems in Low Frequency Domain. <i>Proceedings of the American Control Conference</i> , <b>2007</b> ,	1.2	9
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26	Non-fragile H Filter Design with Additive Gain Variations <b>2006</b> ,		4
25	Adaptive Fault-tolerant H Control via Dynamic Output Feedback for Linear Systems against Actuator Faults <b>2006</b> ,		7
24	Adaptive Fault-tolerant H/spl sub/spl infin// Control via State Feedback for Linear Systems against Actuator Faults <b>2006</b> ,		36
23	Design of Approximation Law for Discrete-time Variable Structure Control Systems <b>2006</b> ,		6
22	An LMI approach to minimum sensitivity analysis with application to fault detection. <i>Automatica</i> , <b>2005</b> , 41, 1995-2004	5.7	205
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4	Balanced model reduction of symmetric composite systems. <i>International Journal of Control</i> , <b>1996</b> , 65, 1031-1043	1.5	5
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2	Fault-tolerant flight tracking control with stuck faults		9
1	Remote observer-based robust control for cyber-physical systems under asynchronous DoS attacks: an intelligent approach. <i>International Journal of Systems Science</i> , 1-15	2.3	2