Huai-Cheng Yan

List of Publications by Year in Descending Order

196 papers	**5,231** citations	**39** h-index	**66** g-index
244 ext. papers	**6,702** ext. citations	**5.3** avg, IF	**6.87** L-index

#	Paper	IF	Citations
196	Distributed Edge Event-triggered Control of Nonlinear Fuzzy Multi-agent Systems with Saturation Constraint Hybrid Impulsive Protocols. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	0
195	Dynamic Event-Triggered Output Feedback Control for Load Frequency Control in Power Systems With Multiple Cyber Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-13	7.3	9
194	Stochastic Event-Based Distributed Fusion Estimation Over Sensor Networks With Fading Channel. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-10	3.9	1
193	Nonstationary Filtering for Fuzzy Markov Switching Affine Systems With Quantization Effects and Deception Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	4
192	Distributed Estimator-Based Fixed-Time Bipartite Consensus of Multiple Euler-Lagrange Systems Over a Signed Digraph. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	4
191	Component-based dynamic event-triggered control for nonlinear singularly perturbed systems: A gain-scheduling method. *Information Sciences*, **2022**, 593, 415-415	7.7	0
190	Optimal Tracking Control of Networked Systems Subject to Model Uncertainty and Additive Colored Gaussian Noise. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
189	Tracking and Regulation Performance Limitations of Networked Control Systems over Erasure Channel with Input Quantization. *IEEE Transactions on Automatic Control*, **2022**, 1-1	5.9	0
188	Multi-Module Decision Fusion in Operational Status Monitoring. *IEEE Transactions on Control Systems Technology*, **2022**, 1-13	4.8	0
187	Adaptive Bipartite Output Consensus for Heterogeneous Multi-agent Systems via State/Output Feedback Control. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	2
186	Fault detection filtering for continuous-time singular systems under a dynamic event-triggered mechanism. *Discrete and Continuous Dynamical Systems - Series S*, **2022**,	2.8	
185	Finite-time stabilization of Markov switching singularly perturbed models. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	3
184	Generalized Fuzzy Extended State Observer Design for Uncertain Nonlinear Systems: An Improved Dynamic Event-Triggered Approach. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	
183	Improved Fragmentation Looped-Functional for Synchronization of Chaotic Lur'e Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
182	Novel Extended State Observer Design for Uncertain Nonlinear Systems via Refined Dynamic Event-Triggered Communication Protocol.. *IEEE Transactions on Cybernetics*, **2022**, PP,	10.2	3
181	Distributed Dimensionality Reduction Fusion Estimation for Stochastic Uncertain Systems With Fading Measurements Subject to Mixed Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-12	7.3	0
180	Fuzzy H Sliding Mode Control of Persistent Dwell-Time Switched Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2022**, 1-1	8.3	0

179	An Estimator-Based Dynamic Event-Triggered Protocol for Linear Multiagent Systems **2022**, 6, 2629-2634		1
178	Dynamic Event-Triggered Control of Singularity-Perturbed Dynamic Networks and Its Application. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	
177	Leader-following bipartite consensus of multiple uncertain Euler-Lagrange systems under deception attacks. *Applied Mathematics and Computation*, **2022**, 428, 127227	2.7	2
176	A Novel Global Set-Membership Filtering Approach for Localization of Automatic Guided Vehicles. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	
175	Distributed adaptive finite-time bipartite containment control of linear multi-agent systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	2
174	Event-triggered adaptive finite-time control for nonlinear systems under asymmetric time-varying state constraints. *Frontiers of Information Technology and Electronic Engineering*, **2021**, 22, 1610	2.2	0
173	Dynamic event-triggered consensus for discrete-time multi-agent systems **2021**,		1
172	A3C-Based Intelligent Event-Triggering Control of Networked Nonlinear Unmanned Marine Vehicles Subject to Hybrid Attacks. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-14	6.1	18
171	Ultimate Boundedness Control for Networked Singularly Perturbed Systems with Deception Attacks: A Markovian Communication Protocol Approach. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	11
170	A Dynamic Event-Triggered Approach to State Estimation for Switched Memristive Neural Networks With Nonhomogeneous Sojourn Probabilities. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11	3.9	24
169	Two-sided looped functional based sampled data control for semi-Markovian jump systems with complex transition rates. *Automatica*, **2021**, 134, 109891	5.7	0
168	Bipartite Finite Time and Fixed Time Output Consensus of Heterogeneous Multiagent Systems Under State Feedback Control. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2067-2071	3.5	13
167	Bifurcation and Control for a Predator-Prey System With Two Delays. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 376-380	3.5	16
166	Dissipativity Analysis for Neural Networks With Time-Varying Delays via a Delay-Product-Type Lyapunov Functional Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 975-984	10.3	19
165	Event-Triggered Guaranteed Cost Controller Design for T-S Fuzzy Markovian Jump Systems With Partly Unknown Transition Probabilities. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1052-1064	8.3	37
164	. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1081-1092	8.3	24
163	Tracking Performance Limitations of Networked Control Systems With Repeated Zeros and Poles. *IEEE Transactions on Automatic Control*, **2021**, 66, 1902-1909	5.9	8
162	Distributed Adaptive Event-Triggered Control and Stability Analysis for Vehicular Platoon. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 1627-1638	6.1	6

| 161 | . *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1233-1243 | 7.3 | 21 |

| 160 | Aperiodic Sampled-Data-Based Control for Interval Type-2 Fuzzy Systems via Refined Adaptive Event-Triggered Communication Scheme. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 310-321 | 8.3 | 15 |

| 159 | Fuzzy Control and Filtering for Nonlinear Singularly Perturbed Markov Jump Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 297-308 | 10.2 | 46 |

| 158 | Fixed-time Group Consensus of Nonlinear Multi-agent Systems via Pinning Control. *International Journal of Control, Automation and Systems*, **2021**, 19, 200-208 | 2.9 | 16 |

| 157 | Fault Detection Filtering Design for Discrete-Time Interval Type-2 TȘ Fuzzy Systems in Finite Frequency Domain. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 213-225 | 8.3 | 9 |

| 156 | Dynamic Event-Based Non-Fragile Dissipative State Estimation for Quantized Complex Networks With Fading Measurements and Its Application. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 856-867 | 3.9 | 11 |

| 155 | Dynamic positioning for underactuated surface vessel via L1 adaptive backstepping control. *Transactions of the Institute of Measurement and Control*, **2021**, 43, 355-370 | 1.8 | 1 |

| 154 | Finite-time dissipative control for networked control systems with hybrid-triggered scheme. *Transactions of the Institute of Measurement and Control*, **2021**, 43, 891-901 | 1.8 | 1 |

| 153 | Optimal Tracking Performance Analysis of MIMO Control Systems Under Multiple Constraints. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10 | 7.3 | 2 |

| 152 | Finite-time dynamic event-triggered distributed H-infinity filtering for T-S fuzzy systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1 | 8.3 | 2 |

| 151 | Asynchronous Output Feedback Control of Hidden Semi-Markov Jump Systems With Random Mode-Dependent Delays. *IEEE Transactions on Automatic Control*, **2021**, 1-1 | 5.9 | 9 |

| 150 | LSTM-Based Intelligent Fault Detection for Fuzzy Markov Jump Systems and Its Application to Tunnel Diode Circuits. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1 | 3.5 | 0 |

| 149 | Multi-rate Layered Operational Optimal Control for Large-Scale Industrial Processes. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1 | 11.9 | |

| 148 | Event-Triggered Approximate Optimal Path-Following Control for Unmanned Surface Vehicles With State Constraints. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP, | 10.3 | 14 |

| 147 | Output-Feedback Control for Fuzzy Singularly Perturbed Systems: A Nonhomogeneous Stochastic Communication Protocol Approach. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 5 |

| 146 | Compensation-Based Output Feedback Control for Fuzzy Markov Jump Systems With Random Packet Losses. *IEEE Transactions on Cybernetics*, **2021**, PP, | 10.2 | 4 |

| 145 | Interval Type-2 Fuzzy Control for HMM-Based Multiagent Systems Via Dynamic Event-Triggered Scheme. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1 | 8.3 | 2 |

| 144 | Event-Triggered Consensus of Multiagent Systems With Time-Varying Communication Delay. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-15 | 7.3 | 1 |

143	Aperiodic Sampled-Data Takagi-Sugeno Fuzzy Extended State Observer for A Class of Uncertain Nonlinear Systems with External Disturbance and Unmodeled Dynamics. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	3
142	Distributed localization for dynamic multi-agent systems with randomly varying trajectory lengths. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	2
141	BLF-Based Neuroadaptive Fault-Tolerant Control for Nonlinear Vehicular Platoon With Time-Varying Fault Directions and Distance Restrictions. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-11	6.1	4
140	Multiobjective Path Optimization for Arc Welding Robot Based on DMOEA/D-ET Algorithm and Proxy Model. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-13	5.2	2
139	Consensus of second-order heterogeneous multi-agent systems with and without input saturation. *ISA Transactions*, **2021**,	5.5	9
138	Resilient Static Output Feedback Control of Linear Semi-Markov Jump Systems With Incomplete Semi-Markov Kernel. *IEEE Transactions on Automatic Control*, **2021**, 66, 4274-4281	5.9	17
137	Tight Upper Bound for the Scrambling Constant of Uniformly Jointly Connected Directed Graphs With Application to Consensus of Multiagent Systems. *IEEE Transactions on Control of Network Systems*, **2021**, 8, 1082-1092	4	
136	Adaptive bipartite output consensus for heterogeneous multi-agent systems with quantized information: A fixed-time approach. *Journal of the Franklin Institute*, **2021**, 358, 7221-7236	4	9
135	Distributed Set-Membership Estimation for State-Saturated Systems With Mixed Time-Delays via A Dynamic Event-Triggered Scheme. *Journal of the Franklin Institute*, **2021**, 358, 10079-10079	4	1
134	Bipartite Average Tracking for Multi-Agent Systems With Disturbances: Finite-Time and Fixed-Time Convergence. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 4393-4402	3.9	7
133	Dissipativity-based filter design for Markov jump systems with packet loss compensation. *Automatica*, **2021**, 133, 109843	5.7	6
132	Output Tracking Control Performance of Discrete Networked Systems Over Erasure Channel With Model Uncertainty. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
131	Event-Based Security Control for Stochastic Networked Systems Subject to Attacks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4643-4654	7.3	49
130	A New Looped Functional to Synchronize Neural Networks With Sampled-Data Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP,	10.3	6
129	Leader–follower close formation control for underactuated surface vessel via terminal hierarchical sliding mode. *International Journal of Advanced Robotic Systems*, **2020**, 17, 172988142092101	1.4	3
128	Dynamic output-feedback control of linear semi-Markov jump systems with incomplete semi-Markov kernel. *Automatica*, **2020**, 117, 108997	5.7	44
127	Observed-Based Asynchronous Control of Linear Semi-Markov Jump Systems With Time-Varying Mode Emission Probabilities. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 3147-3151	2.5	21
126	Performance of SIMO Networked Time-Delay Systems With Encoding–Decoding and Quantization Constraints. *IEEE Access*, **2020**, 8, 55125-55134	3.5	12

125	Resilient Routing Mechanism for Wireless Sensor Networks With Deep Learning Link Reliability Prediction. *IEEE Access*, **2020**, 8, 64857-64872	3.5	21
124	H∞ Control of Singular System Based on Stochastic Cyber-Attacks and Dynamic Event-Triggered Mechanism. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-7	7.3	8
123	Dynamic Event-Triggered Fault Detection via Zonotopic Residual Evaluation and Its Application to Vehicle Lateral Dynamics. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 6952-6961	11.9	20
122	Observed-Based Finite-Time Control of Nonlinear Semi-Markovian Jump Systems With Saturation Constraint. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-11	7.3	11
121	Performance Analysis of NCSs Under Channel Noise and Bandwidth Constraints. *IEEE Access*, **2020**, 8, 20279-20288	3.5	15
120	Distributed bipartite tracking consensus of nonlinear multi-agent systems with quantized communication. *Neurocomputing*, **2020**, 395, 78-85	5.4	14
119	Adaptive Event-Triggered Predictive Control for Finite Time Microgrid. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 1035-1044	3.9	20
118	Fixed-Time Bipartite Containment of Multi-Agent Systems Subject to Disturbance. *IEEE Access*, **2020**, 8, 77679-77688	3.5	14
117	Hybrid Event-Based Leader-Following Consensus of Nonlinear Multiagent Systems With Semi-Markov Jump Parameters. *IEEE Systems Journal*, **2020**, 1-12	4.3	25
116	Analysis of optimal performance of MIMO networked control systems with encoding and packet dropout constraints. *IET Control Theory and Applications*, **2020**, 14, 1762-1768	2.5	33
115	Bipartite containment of descriptor multi-agent systems via an observer-based approach. *IET Control Theory and Applications*, **2020**, 14, 3047-3051	2.5	5
114	Multisubspace Elastic Network for Multimode Quality-Related Process Monitoring. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 5874-5883	11.9	21
113	Stability analysis of linear systems with time-varying delay via intermediate polynomial-based functions. *Automatica*, **2020**, 113, 108756	5.7	31
112	Approximate solution to optimal linear quadratic Gaussian control over non-acknowledgment networks. *Journal of the Franklin Institute*, **2020**, 357, 2049-2066	4	
111	Distributed event-triggered consensus control for leaderless heterogeneous multiagent systems. *Journal of the Franklin Institute*, **2020**, 357, 3219-3234	4	5
110	Finite-Time H_{∞} Filtering for State-Dependent Uncertain Systems With Event-Triggered Mechanism and Multiple Attacks. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 1021-1034	3.9	45
109	Active Suspension System Control With Decentralized Event-Triggered Scheme. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 10798-10808	8.9	12
108	Optimal Tracking Performance of NCSs with Time-delay and Encoding-decoding Constraints. *International Journal of Control, Automation and Systems*, **2020**, 18, 1012-1022	2.9	34

107	Performance analysis method for NCSs with coding and quantization constraints. *ISA Transactions*, **2020**, 107, 287-293	5.5	0
106	Dynamic Event-Triggered Asynchronous Control for Nonlinear Multiagent Systems Based on T\$ Fuzzy Models. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	23
105	Output Tracking Control of Single-Input-Multioutput Systems Over an Erasure Channel. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
104	Membership-Function-Dependent Fault Detection Filtering Design for Interval Type-2 T\$ Fuzzy Systems in Finite Frequency Domain. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	9
103	Toward Packet Routing With Fully Distributed Multiagent Deep Reinforcement Learning. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-14	7.3	8
102	Fuzzy-Dependent-Switching Control of Nonlinear Systems With Aperiodic Sampling. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	6
101	Design and optimization of a novel fast distributed Kalman consensus filtering algorithm. *Optimal Control Applications and Methods*, **2020**, 41, 2062-2076	1.7	2
100	Reliable Control for Flexible Spacecraft Systems With Aperiodic Sampling and Stochastic Actuator Failures. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
99	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 5330-5337	7.3	11
98	Extended Dissipative Filtering for Persistent Dwell-Time Switched Systems With Packet Dropouts. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4796-4806	7.3	13
97	Consensus Tracking for Heterogeneous Interdependent Group Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 1752-1760	10.2	13
96	Active Full-Vehicle Suspension Control via Cloud-Aided Adaptive Backstepping Approach. *IEEE Transactions on Cybernetics*, **2020**, 50, 3113-3124	10.2	29
95	Fuzzy Output Tracking Control and Filtering for Nonlinear Discrete-Time Descriptor Systems Under Unreliable Communication Links. *IEEE Transactions on Cybernetics*, **2020**, 50, 2369-2379	10.2	81
94	Maneuvering Target Tracking With Event-Based Mixture Kalman Filter in Mobile Sensor Networks. *IEEE Transactions on Cybernetics*, **2020**, 50, 4346-4357	10.2	18
93	Distributed Dissipative State Estimation for Markov Jump Genetic Regulatory Networks Subject to Round-Robin Scheduling. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 762-771	10.3	46
92	Stability and Stabilization With Additive Freedom for Delayed Takagi\$ugeno Fuzzy Systems by Intermediary-Polynomial-Based Functions. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 692-705	8.3	28
91	Stability Analysis and Control for Switched System With Bounded Actuators. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4506-4512	7.3	13
90	Formation Control of Multiple Mobile Robots Incorporating an Extended State Observer and Distributed Model Predictive Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4587-4597	7.3	23

89	Event-Triggered H_∞ State Estimation of 2-DOF Quarter-Car Suspension Systems With Nonhomogeneous Markov Switching. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3320-3329	7.3	40
88	Tracking Performance Limitations of MIMO Networked Control Systems With Multiple Communication Constraints. *IEEE Transactions on Cybernetics*, **2020**, 50, 2982-2995	10.2	19
87	Event-based control for networked T-S fuzzy cascade control systems with quantization and cyber attacks. *Journal of the Franklin Institute*, **2019**, 356, 9451-9473	4	14
86	Event-Based H_{∞} Fault Detection for Buck Converter With Multiplicative Noises Over Network. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2019**, 66, 2361-2370	3.9	19
85	Reliable Fuzzy Tracking Control of Near-Space Hypersonic Vehicle Using Aperiodic Measurement Information. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 9439-9447	8.9	128
84	On the achievable tracking performance of NCSs over SNR limited channels. *Journal of the Franklin Institute*, **2019**, 356, 3353-3367	4	12
83	Input–Output finite-time mean square stabilization of nonlinear semi-Markovian jump systems. *Automatica*, **2019**, 104, 82-89	5.7	94
82	Robust cooperative output regulation of multi-agent systems via adaptive event-triggered control. *Automatica*, **2019**, 102, 129-136	5.7	116
81	Notice of Violation of IEEE Publication Principles: An Adaptive Event-Triggered Synchronization Approach for Chaotic Lur'e Systems Subject to Aperiodic Sampled Data. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 442-446	3.5	52
80	Observer-based event-triggered tracking consensus of non-ideal general linear multi-agent systems. *Journal of the Franklin Institute*, **2019**, 356, 10355-10367	4	13
79	Consensus of Linear Multiagent Systems With Input-Based Triggering Condition. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2308-2317	7.3	37
78	Modified tracking performance limitation of networked time-delay systems with two-channel constraints. *Journal of the Franklin Institute*, **2019**, 356, 6401-6418	4	35
77	Reliable Intelligent Path Following Control for a Robotic Airship Against Sensor Faults. *IEEE/ASME Transactions on Mechatronics*, **2019**, 24, 2572-2582	5.5	89
76	Stabilisation for cascade of nonlinear ODEs and counter-convecting transport dynamics. *International Journal of Systems Science*, **2019**, 50, 2053-2062	2.3	1
75	Improved inequality-based functions approach for stability analysis of time delay system. *Automatica*, **2019**, 108, 108416	5.7	50
74	Output-Feedback Adaptive Control of Nonlinear Systems With Input–Output-Dependent Lower-Triangular Growth Rate: A Logic-Based Switching Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 1-10	7.3	1
73	A Machine-learning-enabled Context-driven Control Mechanism for Software-defined Smart Home Networks. *Sensors and Materials*, **2019**, 31, 2103	1.5	1
72	Almost surely state estimation for multi-rate networked systems under random and malicious packet losses. *Journal of the Franklin Institute*, **2019**, 356, 10593-10607	4	4

71	Bipartite Consensus for Second Order Multi-Agent Systems With Exogenous Disturbance via Pinning Control. *IEEE Access*, **2019**, 7, 186563-186571	3.5	15
70	Adaptive Event-Triggered Transmission Scheme and H Filtering Co-Design Over a Filtering Network With Switching Topology. *IEEE Transactions on Cybernetics*, **2019**, 49, 4296-4307	10.2	85
69	Adaptive Event-Triggered Fuzzy Control for Uncertain Active Suspension Systems. *IEEE Transactions on Cybernetics*, **2019**, 49, 4388-4397	10.2	117
68	Stability Analysis for Delayed Neural Networks via Improved Auxiliary Polynomial-Based Functions. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 2562-2568	10.3	46
67	A Novel Sliding Mode Estimation for Microgrid Control With Communication Time Delays. *IEEE Transactions on Smart Grid*, **2019**, 10, 1509-1520	10.7	72
66	Multitarget Tracking Control for Coupled Heterogeneous Inertial Agents Systems Based on Flocking Behavior. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2605-2611	7.3	37
65	H_{infty} Output Tracking Control for Networked Systems With Adaptively Adjusted Event-Triggered Scheme. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 2050-2058	7.3	82
64	Adaptive Consensus-Based Distributed Target Tracking With Dynamic Cluster in Sensor Networks. *IEEE Transactions on Cybernetics*, **2019**, 49, 1580-1591	10.2	76
63	Linear active disturbance rejection control approach for load frequency control of two-area interconnected power system. *Transactions of the Institute of Measurement and Control*, **2019**, 41, 1562-1570	1.8	23
62	Model predictive control with feedback correction for optimal energy dispatch of a networked microgrid. *Transactions of the Institute of Measurement and Control*, **2019**, 41, 1540-1552	1.8	3
61	Single-Input Pinning Controller Design for Reachability of Boolean Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3264-3269	10.3	15
60	Distributed Event-Triggered Adaptive Control for Cooperative Output Regulation of Heterogeneous Multiagent Systems Under Switching Topology. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4347-4358	10.3	34
59	Quantized Output Feedback Control for Stochastic Semi-Markov Jump Systems With Unreliable Links. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 1998-2002	3.5	60
58	Finite-Time Event-Triggered $\mathcal{H}_{infty}$ Control for TS Fuzzy Markov Jump Systems. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3122-3135	8.3	336
57	Distributed H_{infty} Filtering for Switched Repeated Scalar Nonlinear Systems With Randomly Occurred Sensor Nonlinearities and Asynchronous Switching. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2263-2270	7.3	39
56	Adaptive Event-Triggering ${H}_{infty}$ Load Frequency Control for Network-Based Power Systems. *IEEE Transactions on Industrial Electronics*, **2018**, 65, 1685-1694	8.9	177
55	Approximation-Based Adaptive Tracking Control for Switched Stochastic Strict-Feedback Nonlinear Time-Delay Systems With Sector-Bounded Quantization Input. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2145-2157	7.3	32
54	Event-Triggered Asynchronous Guaranteed Cost Control for Markov Jump Discrete-Time Neural Networks With Distributed Delay and Channel Fading. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 3588-3598	10.3	116

53	Stability Analysis for Systems With Time Delays via New Integral Inequalities. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2495-2501	7.3	21
52	Optimal tracking performance for SIMO systems with packet dropouts and control energy constraints. *IET Control Theory and Applications*, **2018**, 12, 1714-1721	2.5	8
51	Optimal input design for uncertain max-plus linear systems. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 4816-4830	3.6	4
50	Reliable Control of Fuzzy Singularly Perturbed Systems and Its Application to Electronic Circuits. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2018**, 65, 3519-3528	3.9	91
49	Improved Stability Analysis for Delayed Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 4535-4541	10.3	23
48	Distributed H_∞ State Estimation for a Class of Filtering Networks With Time-Varying Switching Topologies and Packet Losses. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2047-2057	7.3	69
47	Sliding Mode Observer(SMO)Based Adaptive Backstepping Control for a Multi-Vectored Propeller Airship[1] **2018**,		1
46	Adaptive quantised control of switched stochastic strict-feedback non-linear systems with asymmetric input saturation. *IET Control Theory and Applications*, **2018**, 12, 1367-1375	2.5	9
45	. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 312-321	11.9	117
44	Distributed event-triggered H state estimation for TS fuzzy systems over filtering networks. *Journal of the Franklin Institute*, **2017**, 354, 3760-3779	4	31
43	Performance limitations of networked control systems with quantization and packet dropouts. *ISA Transactions*, **2017**, 67, 98-106	5.5	12
42	Optimal modified tracking performance for MIMO networked control systems with communication constraints. *ISA Transactions*, **2017**, 68, 14-21	5.5	10
41	Further results on stabilization for interval time-delay systems via new integral inequality approach. *ISA Transactions*, **2017**, 68, 170-180	5.5	7
40	A generalized double integral inequalities approach to stability analysis for time-delay systems. *Journal of the Franklin Institute*, **2017**, 354, 3455-3471	4	9
39	Codesign of Event-Triggered and Distributed H_{∞} Filtering for Active Semi-Vehicle Suspension Systems. *IEEE/ASME Transactions on Mechatronics*, **2017**, 22, 1047-1058	5.5	141
38	Event-triggered output feedback H control for networked control systems with time-varying sampling and packet losses **2017**,		2
37	Sliding mode estimation-based control for stochastic time delays in networked micorgrid **2017**,		1
36	Observer-based decentralized event-triggeredH control for networked systems. *Journal of the Franklin Institute*, **2017**, 354, 3744-3759	4	13

35	Output regulation of asynchronously switched multi-agent systems by adaptive observer-based control **2017**,		2
34	Sampled-data control of nonlinear networked systems with time-delay and quantization. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 919-933	3.6	47
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