

# Qing-Long Han

## List of Publications by Year in descending order

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563  
papers

41,350  
citations

1172

111  
h-index

3106

187  
g-index

583  
all docs

583  
docs citations

583  
times ranked

9867  
citing authors



#	ARTICLE	IF	CITATIONS
19	Network-based leader-following consensus for distributed multi-agent systems. <i>Automatica</i> , 2013, 49, 2281-2286.	5.0	331
20	To Transmit or Not to Transmit: A Discrete Event-Triggered Communication Scheme for Networked Takagi-Sugeno Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2013, 21, 164-170.	9.8	325
21	Distributed Event-Triggered Estimation Over Sensor Networks: A Survey. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1306-1320.	9.5	322
22	Event-based $H = \begin{matrix} H \\ \hat{z} \end{matrix}$ for sampled-data systems. <i>Automatica</i> , 2015, 51, 55-69.	5.0	321
23	Event-triggered dynamic output feedback control for networked control systems. <i>IET Control Theory and Applications</i> , 2014, 8, 226-234.	2.1	319
24	Dynamic Event-Triggered Distributed Coordination Control and its Applications: A Survey of Trends and Techniques. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 3112-3125.	9.3	318
25	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 732-745.	11.3	306
26	On $\mathcal{L}_2$ Control Co-Design for Sampled-Data Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 2620-2626.	5.0	304
27	Secure State Estimation and Control of Cyber-Physical Systems: A Survey. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 176-190.	9.3	304
28	A survey on recent advances in distributed sampled-data cooperative control of multi-agent systems. <i>Neurocomputing</i> , 2018, 275, 1684-1701.	5.9	301
29	State estimation under false data injection attacks: Security analysis and system protection. <i>Automatica</i> , 2018, 87, 176-183.	5.0	300
30	A Novel Event-Triggered Transmission Scheme and $\mathcal{L}_2$ Control Co-Design for Sampled-Data Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 2620-2626.	5.7	280
31	Adaptive Consensus Control of Linear Multiagent Systems With Dynamic Event-Triggered Strategies. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2996-3008.	9.5	278
32	Network-based leader-following consensus of nonlinear multi-agent systems via distributed impulsive control. <i>Information Sciences</i> , 2017, 380, 145-158.	6.9	264
33	A New $H_\infty$ Stabilization Criterion for Networked Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2008, 53, 1025-1032.	5.7	258
34	Networked control systems: a survey of trends and techniques. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020, 7, 1-17.	18.1	258
35	Resilient Control Design Based on a Sampled-Data Model for a Class of Networked Control Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 3616-3626.	9.5	258
36	A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1792-1799.	5.7	256



#	ARTICLE	IF	CITATIONS
55	Network-Based S Fuzzy Dynamic Positioning Controller Design for Unmanned Marine Vehicles. IEEE Transactions on Cybernetics, 2018, 48, 2750-2763.	9.5	215
56	Path-Following Control of Autonomous Underwater Vehicles Subject to Velocity and Input Constraints via Neurodynamic Optimization. IEEE Transactions on Industrial Electronics, 2019, 66, 8724-8732.	7.9	215
57	Distributed Cooperative Optimal Control of DC Microgrids With Communication Delays. IEEE Transactions on Industrial Informatics, 2018, 14, 3924-3935.	11.3	214
58	Software Vulnerability Detection Using Deep Neural Networks: A Survey. Proceedings of the IEEE, 2020, 108, 1825-1848.	21.3	214
59	Network-based $H_{\infty}$ filtering using a logic jumping-like trigger. Automatica, 2013, 49, 1428-1435.	5.0	213
60	Global asymptotic stability analysis for delayed neural networks using a matrix-based quadratic convex approach. Neural Networks, 2014, 54, 57-69.	5.9	210
61	Event-Triggered Generalized Dissipativity Filtering for Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 77-88.	11.3	210
62	An overview of recent developments in Lyapunov-Krasovskii functionals and stability criteria for recurrent neural networks with time-varying delays. Neurocomputing, 2018, 313, 392-401.	5.9	207
63	On robust stability of neutral systems with time-varying discrete delay and norm-bounded uncertainty. Automatica, 2004, 40, 1087-1092.	5.0	206
64	Practical fixed-time consensus for integrator-type multi-agent systems: A time base generator approach. Automatica, 2019, 105, 406-414.	5.0	206
65	A descriptor system approach to robust stability of uncertain neutral systems with discrete and distributed delays. Automatica, 2004, 40, 1791-1796.	5.0	205
66	Event-triggered $H_{\infty}$ control for offshore structures in network environments. Journal of Sound and Vibration, 2016, 368, 1-21.	3.9	204
67	Event-Based Set-Membership Leader-Following Consensus of Networked Multi-Agent Systems Subject to Limited Communication Resources and Unknown-But-Bounded Noise. IEEE Transactions on Industrial Electronics, 2017, 64, 5045-5054.	7.9	198
68	New stability criteria for linear systems with interval time-varying delay. Automatica, 2008, 44, 2680-2685.	5.0	196
69	State Estimation for Static Neural Networks With Time-Varying Delays Based on an Improved Reciprocally Convex Inequality. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1376-1381.	11.3	196
70	Distributed Optimization for Multiagent Systems: An Edge-Based Fixed-Time Consensus Approach. IEEE Transactions on Cybernetics, 2019, 49, 122-132.	9.5	196
71	A Threshold-Parameter-Dependent Approach to Designing Distributed Event-Triggered $H_{\infty}$ Consensus Filters Over Sensor Networks. IEEE Transactions on Cybernetics, 2019, 49, 1148-1159.	9.5	195
72	Sliding Mode Control With Mixed Current and Delayed States for Offshore Steel Jacket Platforms. IEEE Transactions on Control Systems Technology, 2014, 22, 1769-1783.	5.2	192

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73	Consensus of Multiagent Systems Subject to Partially Accessible and Overlapping Markovian Network Topologies. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 1807-1819.	9.5	192
74	Event-triggered $H^\infty$ control for a class of nonlinear networked control systems using novel integral inequalities. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 679-700.	3.7	190
75	Robust $H_\infty$ Filter Design of Uncertain Descriptor Systems with Discrete and Distributed Delays. <i>IEEE Transactions on Signal Processing</i> , 2004, 52, 3200-3212.	5.3	187
76	Neural-Network-Based Output-Feedback Control Under Round-Robin Scheduling Protocols. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 2372-2384.	9.5	187
77	Robust $H^\infty$ filtering for a class of uncertain linear systems with time-varying delay. <i>Automatica</i> , 2008, 44, 157-166.	5.0	183
78	Recent advances in vibration control of offshore platforms. <i>Nonlinear Dynamics</i> , 2017, 89, 755-771.	5.2	183
79	Hierarchical Type Stability Criteria for Delayed Neural Networks via Canonical Bessel-Legendre Inequalities. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1660-1671.	9.5	183
80	Abel lemma-based finite-sum inequality and its application to stability analysis for linear discrete time-delay systems. <i>Automatica</i> , 2015, 57, 199-202.	5.0	180
81	Neuronal State Estimation for Neural Networks With Two Additive Time-Varying Delay Components. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3184-3194.	9.5	174
82	Collective Behaviors of Mobile Robots Beyond the Nearest Neighbor Rules With Switching Topology. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1577-1590.	9.5	170
83	Prescribed Finite-Time Consensus Tracking for Multiagent Systems With Nonholonomic Chained-Form Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1686-1693.	5.7	169
84	New Stability Criteria for Linear Discrete-Time Systems With Interval-Like Time-Varying Delays. <i>IEEE Transactions on Automatic Control</i> , 2011, 56, 619-625.	5.7	159
85	Moving Horizon Estimation for Networked Time-Delay Systems Under Round-Robin Protocol. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 5191-5198.	5.7	157
86	Dynamic Event-Triggered Scheduling and Platooning Control Co-Design for Automated Vehicles Over Vehicular Ad-Hoc Networks. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 31-46.	13.1	156
87	On Designing a Novel Self-Triggered Sampling Scheme for Networked Control Systems With Data Losses and Communication Delays. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 1239-1248.	7.9	155
88	Deep Learning Based Attack Detection for Cyber-Physical System Cybersecurity: A Survey. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 377-391.	13.1	150
89	Distributed Resilient Finite-Time Secondary Control for Heterogeneous Battery Energy Storage Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 4909-4919.	11.3	148
90	Consensus of Multiagent Systems With Nonlinear Dynamics Using an Integrated Sampled-Data-Based Event-Triggered Communication Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 589-599.	9.3	147

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91	Admissible Delay Upper Bounds for Global Asymptotic Stability of Neural Networks With Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5319-5329.	11.3	141
92	Synchronization Error Estimation and Controller Design for Delayed Lur'e Systems With Parameter Mismatches. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1551-1563.	11.3	140
93	Ultimate Boundedness Control for Networked Systems With Try-Once-Discard Protocol and Uniform Quantization Effects. IEEE Transactions on Automatic Control, 2017, 62, 6582-6588.	5.7	140
94	Synchronization Control for a Class of Discrete-Time Dynamical Networks With Packet Dropouts: A Coding-Based Approach. IEEE Transactions on Cybernetics, 2018, 48, 2437-2448.	9.5	138
95	Network-Based Fault Detection Filter and Controller Coordinated Design for Unmanned Surface Vehicles in Network Environments. IEEE Transactions on Industrial Informatics, 2016, 12, 1753-1765.	11.3	136
96	Network-Based Modeling and Proportional-Integral Control for Direct-Drive-Wheel Systems in Wireless Network Environments. IEEE Transactions on Cybernetics, 2020, 50, 2462-2474.	9.5	135
97	On Designing Fuzzy Controllers for a Class of Nonlinear Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2008, 16, 1050-1060.	9.8	133
98	On Designing Time-Varying Delay Feedback Controllers for Master-Slave Synchronization of Lur'e Systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1573-1583.	0.1	132
99	Robust $H_{\infty}$ Control for Uncertain Takagi-Sugeno Fuzzy Systems With Interval Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2007, 15, 321-331.	9.8	132
100	Consensus control of stochastic multi-agent systems: a survey. Science China Information Sciences, 2017, 60, 1.	4.3	131
101	Moving Horizon Estimation of Networked Nonlinear Systems With Random Access Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2937-2948.	9.3	130
102	Novel delay-derivative-dependent stability criteria using new bounding techniques. International Journal of Robust and Nonlinear Control, 2013, 23, 1419-1432.	3.7	129
103	Variance-Constrained Distributed Filtering for Time-Varying Systems With Multiplicative Noises and Deception Attacks Over Sensor Networks. IEEE Sensors Journal, 2017, 17, 2279-2288.	4.7	128
104	A Delay-Dependent Stability Criterion of Neutral Systems and its Application to a Partial Element Equivalent Circuit Model. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2004, 51, 685-689.	2.2	126
105	Bipartite Consensus Tracking for Second-Order Multiagent Systems: A Time-Varying Function-Based Preset-Time Approach. IEEE Transactions on Automatic Control, 2021, 66, 2739-2745.	5.7	124
106	Sampled-data control for a class of linear time-varying systems. Automatica, 2019, 103, 126-134.	5.0	120
107	Secure Distributed Finite-Time Filtering for Positive Systems Over Sensor Networks Under Deception Attacks. IEEE Transactions on Cybernetics, 2020, 50, 1220-1229.	9.5	118
108	A Novel Cyber Attack Detection Method in Networked Control Systems. IEEE Transactions on Cybernetics, 2018, 48, 3254-3264.	9.5	117

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109	On stability of linear neutral systems with mixed time delays: A discretized Lyapunov functional approach. <i>Automatica</i> , 2005, 41, 1209-1218.	5.0	115
110	Network-Based Output Tracking Control for a Class of T-S Fuzzy Systems That Can Not Be Stabilized by Nondelayed Output Feedback Controllers. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 1511-1524.	9.5	114
111	Robust stability for a class of linear systems with time-varying delay and nonlinear perturbations. <i>Computers and Mathematics With Applications</i> , 2004, 47, 1201-1209.	2.7	112
112	Towards Long Lifetime Battery: AI-Based Manufacturing and Management. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 1139-1165.	13.1	111
113	Multiagent Systems on Multilayer Networks: Synchronization Analysis and Network Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1655-1667.	9.3	110
114	Distributed Finite-Time Secondary Frequency and Voltage Control for Islanded Microgrids With Communication Delays and Switching Topologies. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 3988-3999.	9.5	108
115	Improved stability criteria and controller design for linear neutral systems. <i>Automatica</i> , 2009, 45, 1948-1952.	5.0	107
116	Finite-Time $\mathcal{L}_2$ Leader-Follower Consensus of Networked Euler-Lagrange Systems With External Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018, 48, 1920-1928.	9.3	107
117	Absolute stability of Lur'e systems with time-varying delay. <i>IET Control Theory and Applications</i> , 2007, 1, 854-859.	2.1	106
118	Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 4-17.	11.3	105
119	Network-Based Robust $H_\infty$ Filtering for Uncertain Linear Systems. <i>IEEE Transactions on Signal Processing</i> , 2006, 54, 4293-4301.	5.3	104
120	Event-Based Variance-Constrained $H_\infty$ Filtering for Stochastic Parameter Systems Over Sensor Networks With Successive Missing Measurements. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1007-1017.	9.5	104
121	Event-triggered fuzzy $H_\infty$ control for a class of nonlinear networked control systems using the deviation bounds of asynchronous normalized membership functions. <i>Information Sciences</i> , 2014, 259, 100-117.	6.9	101
122	Optimal Communication Network-Based $H_\infty$ Quantized Control With Packet Dropouts for a Class of Discrete-Time Neural Networks With Distributed Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 426-434.	11.3	101
123	Cooperative Control of Mobile Sensor Networks for Environmental Monitoring: An Event-Triggered Finite-Time Control Scheme. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 4134-4147.	9.5	99
124	Finite-Time $H_\infty$ State Estimation for Discrete Time-Delayed Genetic Regulatory Networks Under Stochastic Communication Protocols. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 3481-3491.	5.4	99
125	$H_\infty$ Containment Control of Multiagent Systems Under Event-Triggered Communication Scheduling: The Finite-Horizon Case. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1372-1382.	9.5	99
126	A dynamic event-triggered approach to observer-based PID security control subject to deception attacks. <i>Automatica</i> , 2020, 120, 109128.	5.0	98



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127	Lag Quasi-Synchronization of Coupled Delayed Systems With Parameter Mismatch. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1345-1357.	5.4	96
128	New Delay-Dependent Stability Criteria for Neural Networks With Two Additive Time-Varying Delay Components. IEEE Transactions on Neural Networks, 2011, 22, 812-818.	4.2	95
129	Dissipative control for nonlinear Markovian jump systems with actuator failures and mixed time-delays. Automatica, 2018, 98, 358-362.	5.0	95
130	Sampled-data robust control for Tâ€‘S fuzzy systems with time delay and uncertainties. Fuzzy Sets and Systems, 2011, 179, 20-33.	2.7	94
131	Consensus Control of Multi-Agent Systems Using Fault-Estimation-in-the-Loop: Dynamic Event-Triggered Case. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1440-1451.	13.1	93
132	Distributed Cyber Attacks Detection and Recovery Mechanism for Vehicle Platooning. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3821-3834.	8.0	91
133	A Novel Framework for Backstepping-Based Control of Discrete-Time Strict-Feedback Nonlinear Systems With Multiplicative Noises. IEEE Transactions on Automatic Control, 2021, 66, 1484-1496.	5.7	91
134	Sliding mode control for offshore steel jacket platforms subject to nonlinear self-excited wave force and external disturbance. Nonlinear Analysis: Real World Applications, 2013, 14, 163-178.	1.7	90
135	A new delay-dependent stability criterion for linear neutral systems with norm-bounded uncertainties in all system matrices. International Journal of Systems Science, 2005, 36, 469-475.	5.5	88
136	Robust Estimation for State-of-Charge and State-of-Health of Lithium-Ion Batteries Using Integral-Type Terminal Sliding-Mode Observers. IEEE Transactions on Industrial Electronics, 2020, 67, 4013-4023.	7.9	88
137	Dynamic Event-triggered Control and Estimation: A Survey. International Journal of Automation and Computing, 2021, 18, 857-886.	4.5	88
138	Neuralâ€‘networkâ€‘based control for discreteâ€‘time nonlinear systems with denialâ€‘ofâ€‘service attack: The adaptive eventâ€‘triggered case. International Journal of Robust and Nonlinear Control, 2022, 32, 2760-2779.	3.7	88
139	Discretized Lyapunov functional for systems with distributed delay and piecewise constant coefficients. International Journal of Control, 2001, 74, 737-744.	1.9	87
140	Effects of small time-delays on dynamic output feedback control of offshore steel jacket structures. Journal of Sound and Vibration, 2011, 330, 3883-3900.	3.9	86
141	Delay-Dependent Robust $H_{\infty}$ Filtering for Uncertain Discrete-Time Systems With Time-Varying Delay Based on a Finite Sum Inequality. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 1466-1470.	2.2	85
142	Control With Markov Sensors/Actuators Assignment. IEEE Transactions on Automatic Control, 2012, 57, 1799-1804.	5.7	85
143	Neural-Network-Based Consensus Control for Multiagent Systems With Input Constraints: The Event-Triggered Case. IEEE Transactions on Cybernetics, 2020, 50, 3719-3730.	9.5	85
144	Finite-time containment control for nonlinear multi-agent systems with external disturbances. Information Sciences, 2020, 512, 338-351.	6.9	84

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145	Fixed-Time Leader-Following Consensus for Multiple Wheeled Mobile Robots. IEEE Transactions on Cybernetics, 2020, 50, 4381-4392.	9.5	84
146	Almost Sure Stability of Nonlinear Systems Under Random and Impulsive Sequential Attacks. IEEE Transactions on Automatic Control, 2020, 65, 3879-3886.	5.7	84
147	Integrated control of ground vehicles dynamics via advanced terminal sliding mode control. Vehicle System Dynamics, 2017, 55, 268-294.	3.7	83
148	Envelope-constrained $\int$ filtering for nonlinear systems with quantization effects: The finite horizon case. Automatica, 2018, 93, 527-534.	5.0	82
149	Secure Control of Multiagent Systems Against Malicious Attacks: A Brief Survey. IEEE Transactions on Industrial Informatics, 2022, 18, 3595-3608.	11.3	82
150	Robust adaptive fault-tolerant consensus control for uncertain nonlinear fractional-order multi-agent systems with directed topologies. Automatica, 2020, 117, 109011.	5.0	81
151	Stability criteria for linear discrete-time systems with interval-like time-varying delay. , 0, , .		80
152	Stability of Linear Systems With Time-Varying Delay: a Generalized Discretized Lyapunov Functional Approach. Asian Journal of Control, 2001, 3, 170-180.	3.0	80
153	Robust stability of linear neutral systems with nonlinear parameter perturbations. IET Control Theory and Applications, 2004, 151, 539-546.	1.7	79
154	Impulsive synchronization of two nonidentical chaotic systems with time-varying delay. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 498-504.	2.1	79
155	Integral sliding mode control for offshore steel jacket platforms. Journal of Sound and Vibration, 2012, 331, 3271-3285.	3.9	79
156	Delay-dependent robust $H_\infty$ controller design for uncertain descriptor systems with time-varying discrete and distributed delays. IET Control Theory and Applications, 2005, 152, 628-638.	1.7	78
157	$L_1$ -Stochastic Stability and $L_1$ -Gain Performance of Positive Markov Jump Linear Systems With Time-Delays: Necessary and Sufficient Conditions. IEEE Transactions on Automatic Control, 2017, 62, 3634-3639.	5.7	78
158	Data-Driven Cyber Security in Perspective—Intelligent Traffic Analysis. IEEE Transactions on Cybernetics, 2020, 50, 3081-3093.	9.5	78
159	Neural-network-based output-feedback control with stochastic communication protocols. Automatica, 2019, 106, 221-229.	5.0	77
160	A delay decomposition approach to delay-dependent stability for linear systems with time-varying delays. International Journal of Robust and Nonlinear Control, 2009, 19, 1922-1930.	3.7	75
161	Network-Based Synchronization of Delayed Neural Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 676-689.	5.4	75
162	Communication-Delay-Distribution-Dependent Decentralized Control for Large-Scale Systems With IP-Based Communication Networks. IEEE Transactions on Control Systems Technology, 2013, 21, 820-830.	5.2	75

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163	A new delay-dependent absolute stability criterion for a class of nonlinear neutral systems. <i>Automatica</i> , 2008, 44, 272-277.	5.0	74
164	Distributed Path Following of Multiple Under-Actuated Autonomous Surface Vehicles Based on Data-Driven Neural Predictors via Integral Concurrent Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 5334-5344.	11.3	74
165	How often should one update control and estimation: review of networked triggering techniques. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	73
166	On robust stability of time-delay systems with norm-bounded uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2001, 46, 1426-1431.	5.7	72
167	Sufficient conditions for a class of matrix-valued polynomial inequalities on closed intervals and application to $H_\infty$ filtering for linear systems with time-varying delays. <i>Automatica</i> , 2021, 125, 109390.	5.0	72
168	$H_\infty$ control for networked systems with multiple packet dropouts. <i>Information Sciences</i> , 2013, 252, 106-117.	6.9	71
169	Fault detection filter design for data reconstruction-based continuous-time networked control systems. <i>Information Sciences</i> , 2016, 328, 577-594.	6.9	71
170	Observer-Based Incremental Predictive Control of Networked Multi-Agent Systems With Random Delays and Packet Dropouts. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 426-430.	3.0	70
171	Parity Space-Based Fault Estimation for Linear Discrete Time-Varying Systems. <i>IEEE Transactions on Automatic Control</i> , 2010, 55, 1726-1731.	5.7	69
172	Unmanned Aerial Vehicles: Control Methods and Future Challenges. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 601-614.	13.1	69
173	Delay-range-dependent robust stabilization for uncertain fuzzy control systems with interval time-varying delays. <i>Information Sciences</i> , 2011, 181, 4287-4299.	6.9	68
174	A novel approach to $H_\infty$ analysis of discrete-time networked systems subject to network-induced delays and malicious packet dropouts. <i>Automatica</i> , 2022, 136, 110010.	5.0	68
175	Regional Stabilization for Discrete Time-Delay Systems With Actuator Saturations via A Delay-Dependent Polytopic Approach. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 1257-1264.	5.7	66
176	Network-Based Heading Control and Rudder Oscillation Reduction for Unmanned Surface Vehicles. <i>IEEE Transactions on Control Systems Technology</i> , 2017, 25, 1609-1620.	5.2	65
177	New delay-dependent synchronization criteria for Lur'e systems using time delay feedback control. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 360, 563-569.	2.1	63
178	Resilient and secure remote monitoring for a class of cyber-physical systems against attacks. <i>Information Sciences</i> , 2020, 512, 1592-1605.	6.9	62
179	Deep Learning-Based Autonomous Driving Systems: A Survey of Attacks and Defenses. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 7897-7912.	11.3	62
180	Distributed fault detection over sensor networks with Markovian switching topologies. <i>International Journal of General Systems</i> , 2014, 43, 305-318.	2.5	61

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181	Network-based modelling and active control for offshore steel jacket platform with TMD mechanisms. <i>Journal of Sound and Vibration</i> , 2014, 333, 6796-6814.	3.9	61
182	A Novel Networked Predictive Control Method for Systems with Random Communication Constraints. <i>Journal of Systems Science and Complexity</i> , 2021, 34, 1364-1378.	2.8	61
183	Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 12-28.	9.3	61
184	Full Information Estimation for Time-Varying Systems Subject to Round-Robin Scheduling: A Recursive Filter Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 1904-1916.	9.3	60
185	Secure Distributed Adaptive Platooning Control of Automated Vehicles Over Vehicular Ad-Hoc Networks Under Denial-of-Service Attacks. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 12003-12015.	9.5	60
186	Machine Learning-based Cyber Attacks Targeting on Controlled Information. <i>ACM Computing Surveys</i> , 2022, 54, 1-36.	23.0	59
187	Event-triggered dissipative control for networked stochastic systems under non-uniform sampling. <i>Information Sciences</i> , 2018, 447, 216-228.	6.9	58
188	Global Asymptotic Stability for Delayed Neural Networks Using an Integral Inequality Based on Nonorthogonal Polynomials. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 4487-4493.	11.3	58
189	Distributed Energy Management for Smart Grids With an Event-Triggered Communication Scheme. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1950-1961.	5.2	58
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