# Qing-Long Han

## List of Publications by Year
## in descending order

| 563 papers | 41,350 citations | 1172<br>111 h-index | 3106<br>187 g-index |
|---|---|---|---|
| 583 all docs | 583 docs citations | 583 times ranked | 9867 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Distributed Set-Membership Fusion Filtering for Nonlinear 2-D Systems Over Sensor Networks: An Encoding–Decoding Scheme. IEEE Transactions on Cybernetics, 2023, 53, 416-427. | 9.5 | 20 |
| 2 | Delay-Variation-Dependent Criteria on Extended Dissipativity for Discrete-Time Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1578-1587. | 11.3 | 32 |
| 3 | Tracking Control Under Round-Robin Scheduling: Handling Impulsive Transmission Outliers. IEEE Transactions on Cybernetics, 2023, 53, 2288-2300. | 9.5 | 15 |
| 4 | Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 12-28. | 9.3 | 61 |
| 5 | Event-Triggered Cardinality-Constrained Cooling and Electrical Load Dispatch Based on Collaborative Neurodynamic Optimization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5464-5475. | 11.3 | 7 |
| 6 | Cooperative Target Tracking of Multiple Autonomous Surface Vehicles Under Switching Interaction Topologies. IEEE/CAA Journal of Automatica Sinica, 2023, 10, 673-684. | 13.1 | 26 |
| 7 | Cyber Code Intelligence for Android Malware Detection. IEEE Transactions on Cybernetics, 2023, 53, 617-627. | 9.5 | 12 |
| 8 | Cooperative Control of Multirobot Systems Subject to Control Gain Uncertainty. IEEE Transactions on Industrial Informatics, 2023, 19, 5367-5376. | 11.3 | 6 |
| 9 | Optimal Chiller Loading Based on Collaborative Neurodynamic Optimization. IEEE Transactions on Industrial Informatics, 2023, 19, 3057-3067. | 11.3 | 4 |
| 10 | Watermark-Based Proactive Defense Strategy Design for Cyber-Physical Systems With Unknown-but-Bounded Noises. IEEE Transactions on Automatic Control, 2023, 68, 3300-3315. | 5.7 | 6 |
| 11 | Fixed-Time Resilient Edge-Triggered Estimation and Control of Surface Vehicles for Cooperative Target Tracking Under Attacks. IEEE Transactions on Intelligent Vehicles, 2023, 8, 547-556. | 12.7 | 27 |
| 12 | Distributed State Estimation Over Wireless Sensor Networks With Energy Harvesting Sensors. IEEE Transactions on Cybernetics, 2023, 53, 3311-3324. | 9.5 | 13 |
| 13 | Recoil attenuation for deepwater drilling riser systems via delayed $H_\infty$ control. ISA Transactions, 2023, 133, 248-261. | 5.7 | 8 |
| 14 | Decision and Event-Based Fixed-Time Consensus Control for Electromagnetic Source Localization. IEEE Transactions on Cybernetics, 2022, 52, 2186-2199. | 9.5 | 5 |
| 15 | Event-Triggered Dynamic Positioning for Mass-Switched Unmanned Marine Vehicles in Network Environments. IEEE Transactions on Cybernetics, 2022, 52, 3159-3171. | 9.5 | 35 |
| 16 | Distributed Quasiconsensus Control for Stochastic Multiagent Systems Under Round-Robin Protocol and Uniform Quantization. IEEE Transactions on Cybernetics, 2022, 52, 6721-6732. | 9.5 | 23 |
| 17 | On Consensus of Second-Order Multiagent Systems With Actuator Saturations: A Generalized-Nyquist-Criterion-Based Approach. IEEE Transactions on Cybernetics, 2022, 52, 9048-9058. | 9.5 | 24 |
| 18 | Distributed Maximum Correntropy Filtering for Stochastic Nonlinear Systems Under Deception Attacks. IEEE Transactions on Cybernetics, 2022, 52, 3733-3744. | 9.5 | 43 |

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|---|---------|-----|-----------|
| 19 | Recursive State Estimation for Networked Multirate Multisensor Systems With Distributed Time-Delays Under Round-Robin Protocol. IEEE Transactions on Cybernetics, 2022, 52, 4136-4146. | 9.5 | 12 |
| 20 | Received Signal Strength Indicator-Based Indoor Localization Using Distributed Set-Membership Filtering. IEEE Transactions on Cybernetics, 2022, 52, 727-737. | 9.5 | 17 |
| 21 | Set-Membership Global Estimation of Networked Systems. IEEE Transactions on Cybernetics, 2022, 52, 1454-1464. | 9.5 | 8 |
| 22 | Sampled-Data Consensus of Linear Time-Varying Multiagent Networks With Time-Varying Topologies. IEEE Transactions on Cybernetics, 2022, 52, 128-137. | 9.5 | 21 |
| 23 | Finite-Time Consensus Tracking for Incommensurate Fractional-Order Nonlinear Multiagent Systems With Directed Switching Topologies. IEEE Transactions on Cybernetics, 2022, 52, 65-76. | 9.5 | 38 |
| 24 | Cloud-Based Time-Varying Formation Predictive Control of Multi-Agent Systems With Random Communication Constraints and Quantized Signals. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1282-1286. | 3.0 | 49 |
| 25 | Daedalus: Breaking Nonmaximum Suppression in Object Detection via Adversarial Examples. IEEE Transactions on Cybernetics, 2022, 52, 7427-7440. | 9.5 | 24 |
| 26 | Local Stabilization for Multiple Input-Delay Systems Subject to Saturating Actuators: The Continuous-Time Case. IEEE Transactions on Automatic Control, 2022, 67, 3090-3097. | 5.7 | 7 |
| 27 | Consensus Control of Linear Multiagent Systems Under Actuator Imperfection: When Saturation Meets Fault. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2651-2663. | 9.3 | 28 |
| 28 | Designing Discrete Predictor-Based Controllers for Networked Control Systems with Time-varying Delays: Application to A Visual Servo Inverted Pendulum System. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1763-1777. | 13.1 | 6 |
| 29 | False Data Injection Attacks Against Partial Sensor Measurements of Networked Control Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 149-153. | 3.0 | 46 |
| 30 | Energy-to-Peak State Estimation With Intermittent Measurement Outliers: The Single-Output Case. IEEE Transactions on Cybernetics, 2022, 52, 11504-11515. | 9.5 | 22 |
| 31 | Predictor-Based Neural Dynamic Surface Control for Bipartite Tracking of a Class of Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1791-1802. | 11.3 | 24 |
| 32 | Secure Distributed Adaptive Platooning Control of Automated Vehicles Over Vehicular Ad-Hoc Networks Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2022, 52, 12003-12015. | 9.5 | 60 |
| 33 | Network-Based Line-of-Sight Path Tracking of Underactuated Unmanned Surface Vehicles With Experiment Results. IEEE Transactions on Cybernetics, 2022, 52, 10937-10947. | 9.5 | 30 |
| 34 | Deep Learning Based Attack Detection for Cyber-Physical System Cybersecurity: A Survey. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 377-391. | 13.1 | 150 |
| 35 | Dynamic Event-Triggered Platooning Control of Automated Vehicles Under Random Communication Topologies and Various Spacing Policies. IEEE Transactions on Cybernetics, 2022, 52, 11477-11490. | 9.5 | 20 |
| 36 | Dynamic Event-Triggered Scheduling and Platooning Control Co-Design for Automated Vehicles Over Vehicular Ad-Hoc Networks. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 31-46. | 13.1 | 156 |

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|---|---------|----|-----------|
| 37 | Cooperative Target Enclosing of Ring-Networked Underactuated Autonomous Surface Vehicles Based on Data-Driven Fuzzy Predictors and Extended State Observers. IEEE Transactions on Fuzzy Systems, 2022, 30, 2515-2528. | 9.8 | 34 |
| 38 | Active fault-tolerant predictive control of networked systems subject to actuator faults and random communication constraints. International Journal of Control, 2022, 95, 2357-2363. | 1.9 | 3 |
| 39 | Machine Learning–based Cyber Attacks Targeting on Controlled Information. ACM Computing Surveys, 2022, 54, 1-36. | 23.0 | 59 |
| 40 | Coordinated Planar Path-Following Control for Multiple Nonholonomic Wheeled Mobile Robots. IEEE Transactions on Cybernetics, 2022, 52, 9404-9413. | 9.5 | 20 |
| 41 | Settling Time Estimation in Synchronization of Impulsive Networks With Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2386-2397. | 9.3 | 6 |
| 42 | A Scalable Adaptive Approach to Multi-Vehicle Formation Control with Obstacle Avoidance. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 990-1004. | 13.1 | 33 |
| 43 | Proportional–Integral Observer Design for Uncertain Time-Delay Systems Subject to Deception Attacks: An Outlier-Resistant Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5152-5164. | 9.3 | 15 |
| 44 | Neural-network-based control for discrete-time nonlinear systems with denial-of-service attack: The adaptive event-triggered case. International Journal of Robust and Nonlinear Control, 2022, 32, 2760-2779. | 3.7 | 88 |
| 45 | A Krein space-based approach to event-triggered $H_\infty$ filtering for linear discrete time-varying systems. Automatica, 2022, 135, 110001. | 5.0 | 13 |
| 46 | A survey on modelling, control and challenges of stratospheric airships. Control Engineering Practice, 2022, 119, 104979. | 5.5 | 21 |
| 47 | A novel approach to $H_\infty$ analysis of discrete-time networked systems subject to network-induced delays and malicious packet dropouts. Automatica, 2022, 136, 110010. | 5.0 | 68 |
| 48 | The construction of augmented Lyapunov-Krasovskii functionals and the estimation of their derivatives in stability analysis of time-delay systems: a survey. International Journal of Systems Science, 2022, 53, 2480-2495. | 5.5 | 26 |
| 49 | Event-Triggered Cooperative Path Following of Autonomous Surface Vehicles Over Wireless Network With Experiment Results. IEEE Transactions on Industrial Electronics, 2022, 69, 11479-11489. | 7.9 | 27 |
| 50 | Secure Control of Multiagent Systems Against Malicious Attacks: A Brief Survey. IEEE Transactions on Industrial Informatics, 2022, 18, 3595-3608. | 11.3 | 82 |
| 51 | Networked Active Fault-Tolerant Predictive Control for Systems With Random Communication Constraints and Actuator/Sensor Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2166-2170. | 3.0 | 6 |
| 52 | Data-Driven Edge Computing: A Fabric for Intelligent Building Energy Management Systems. IEEE Industrial Electronics Magazine, 2022, 16, 44-52. | 2.6 | 3 |
| 53 | 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 |
| 54 | Reachable Set Synthesis of Markov Jump Systems With Time-Varying Delays and Mismatched Modes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2186-2190. | 3.0 | 8 |

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| 55 | Design Method of Tuned Mass Damper by Linear-Matrix-Inequality-Based Robust Control Theory for Seismic Excitation. Journal of Vibration and Acoustics, Transactions of the ASME, 2022, 144, . | 1.6 | 3 |
| 56 | Unmanned Aerial Vehicles: Control Methods and Future Challenges. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 601-614. | 13.1 | 69 |
| 57 | Scalable and Resilient Platooning Control of Cooperative Automated Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 3595-3608. | 6.3 | 37 |
| 58 | Distributed Finite-Time Secondary Control for Islanded Microgrids. Power Systems, 2022, , 73-91. | 0.5 | 0 |
| 59 | Distributed Resilient Finite-Time Secondary Control for Heterogeneous BESSs. Power Systems, 2022, , 93-114. | 0.5 | 0 |
| 60 | Distributed Optimal Control of DC Microgrids with Communication Delays. Power Systems, 2022, , 115-136. | 0.5 | 0 |
| 61 | Distributed Event-Triggered Secondary Control for Islanded Microgrids. Power Systems, 2022, , 49-72. | 0.5 | 1 |
| 62 | Sampled-Data-Based Event-Triggered Consensus of Multi-agent Systems. Power Systems, 2022, , 31-47. | 0.5 | 0 |
| 63 | Communication-Constrained Active Suspension Control for Networked In-Wheel Motor-Driven Electric Vehicles With Dynamic Dampers. IEEE Transactions on Intelligent Vehicles, 2022, 7, 590-602. | 12.7 | 16 |
| 64 | Resource-Efficient Platooning Control of Connected Automated Vehicles Over VANETs. IEEE Transactions on Intelligent Vehicles, 2022, 7, 579-589. | 12.7 | 31 |
| 65 | Towards Long Lifetime Battery: AI-Based Manufacturing and Management. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1139-1165. | 13.1 | 111 |
| 66 | Order-Preserved Preset-Time Cooperative Control: A Monotone System-Based Approach. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1603-1611. | 13.1 | 5 |
| 67 | Disturbance observers and extended state observers for marine vehicles: A survey. Control Engineering Practice, 2022, 123, 105158. | 5.5 | 52 |
| 68 | Long‐horizon finite‐set model predictive control for grid‐connected photovoltaic inverters. Optimal Control Applications and Methods, 2022, 43, 618-635. | 2.1 | 1 |
| 69 | Predictor-based control of time-delay systems: a survey. International Journal of Systems Science, 2022, 53, 2496-2534. | 5.5 | 11 |
| 70 | Receding-Horizon Trajectory Planning for Under-Actuated Autonomous Vehicles Based on Collaborative Neurodynamic Optimization. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1909-1923. | 13.1 | 6 |
| 71 | Cooperative and Competitive Multi-Agent Systems: From Optimization to Games. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 763-783. | 13.1 | 40 |
| 72 | Leader selection in networks under switching topologies with antagonistic interactions. Automatica, 2022, 142, 110334. | 5.0 | 9 |

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| 73 | A Divisive Hierarchical Clustering Approach to Hyperspectral Band Selection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12. | 4.7 | 10 |
| 74 | Data-Driven Adaptive Control: An Incremental Triangular Dynamic Linearization Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4949-4953. | 3.0 | 11 |
| 75 | Guest Editorial: Special Issue on resilient and secure approaches to control and estimation for cyber–physical systems. ISA Transactions, 2022, 127, 1-3. | 5.7 | 1 |
| 76 | Recoil control of deepwater drilling riser systems via optimal control with feedforward mechanisms. Ocean Engineering, 2022, 257, 111690. | 4.3 | 13 |
| 77 | Distributed $H_\infty$-Consensus Filtering for Attitude Tracking Using Ground-Based Radars. IEEE Transactions on Cybernetics, 2021, 51, 3767-3778. | 9.5 | 11 |
| 78 | On Designing Distributed Prescribed Finite-Time Observers for Strict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2021, 51, 4695-4706. | 9.5 | 29 |
| 79 | Position-Based Synchronization of Networked Harmonic Oscillators With Asynchronous Sampling and Communication Delays. IEEE Transactions on Cybernetics, 2021, 51, 4337-4347. | 9.5 | 9 |
| 80 | Recursive Filtering of Distributed Cyber-Physical Systems With Attack Detection. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6466-6476. | 9.3 | 51 |
| 81 | Receding Horizon Synchronization of Delayed Neural Networks Using a Novel Inequality on Quadratic Polynomial Functions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6085-6095. | 9.3 | 9 |
| 82 | Distributed Finite-Time Secondary Frequency and Voltage Control for Islanded Microgrids With Communication Delays and Switching Topologies. IEEE Transactions on Cybernetics, 2021, 51, 3988-3999. | 9.5 | 108 |
| 83 | Distributed Resilient Estimator Design for Positive Systems Under Topological Attacks. IEEE Transactions on Cybernetics, 2021, 51, 3676-3686. | 9.5 | 26 |
| 84 | Cluster Consensus of Multiagent Systems With Weighted Antagonistic Interactions. IEEE Transactions on Cybernetics, 2021, 51, 5609-5618. | 9.5 | 26 |
| 85 | $H_\infty$ Cluster Formation Control of Networked Multiagent Systems With Stochastic Sampling. IEEE Transactions on Cybernetics, 2021, 51, 5761-5772. | 9.5 | 16 |
| 86 | Synchronization Control for Discrete-Time-Delayed Dynamical Networks With Switching Topology Under Actuator Saturations. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2040-2053. | 11.3 | 38 |
| 87 | 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 |
| 88 | Full Information Estimation for Time-Varying Systems Subject to Round-Robin Scheduling: A Recursive Filter Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1904-1916. | 9.3 | 60 |
| 89 | Observer-Based Incremental Predictive Control of Networked Multi-Agent Systems With Random Delays and Packet Dropouts. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 426-430. | 3.0 | 70 |
| 90 | An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. IEEE Transactions on Industrial Informatics, 2021, 17, 732-745. | 11.3 | 306 |

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| 91 | Distributed Secondary Control of AC Microgrids With External Disturbances and Directed Communication Topologies: A Full-Order Sliding-Mode Approach. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 554-564. | 13.1 | 38 |
| 92 | Special issue on recent advances in security and privacy-preserving techniques of distributed networked systems. Information Sciences, 2021, 545, 277-279. | 6.9 | 0 |
| 93 | Probability-Guaranteed Envelope-Constrained Filtering for Nonlinear Systems Subject to Measurement Outliers. IEEE Transactions on Automatic Control, 2021, 66, 3274-3281. | 5.7 | 46 |
| 94 | 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 |
| 95 | Distance- and Velocity-Based Collision Avoidance for Time-Varying Formation Control of Second-Order Multi-Agent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1253-1257. | 3.0 | 27 |
| 96 | Dynamic event-triggered scheduling and control for vehicle active suspension over controller area network. Mechanical Systems and Signal Processing, 2021, 152, 107481. | 8.0 | 33 |
| 97 | 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 |
| 98 | Resilient Tracking Control of Networked Control Systems Under Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2107-2119. | 9.5 | 47 |
| 99 | Multivehicle Task Assignment Based on Collaborative Neurodynamic Optimization With Discrete Hopfield Networks. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5274-5286. | 11.3 | 19 |
| 100 | Distributed Path Following of Multiple Under-Actuated Autonomous Surface Vehicles Based on Data-Driven Neural Predictors via Integral Concurrent Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5334-5344. | 11.3 | 74 |
| 101 | Secure State Estimation and Control of Cyber-Physical Systems: A Survey. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 176-190. | 9.3 | 304 |
| 102 | Quasi-Synchronization of Heterogeneous LC Circuits in Grid-Connected Systems With Intentionally Time-Varying Lumped Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2148-2157. | 5.4 | 10 |
| 103 | Recursive Secure Filtering Over Gilbert-Elliott Channels in Sensor Networks: The Distributed Case. IEEE Transactions on Signal and Information Processing Over Networks, 2021, 7, 75-86. | 2.8 | 10 |
| 104 | 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. Automatica, 2021, 125, 109390. | 5.0 | 72 |
| 105 | Performance analysis and synthesis of industrial cyber-physical systems. International Journal of Systems Science, 2021, 52, 1107-1109. | 5.5 | 0 |
| 106 | Decentralized Dynamic Event-Triggered Communication and Active Suspension Control of In-Wheel Motor Driven Electric Vehicles with Dynamic Damping. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 971-986. | 13.1 | 55 |
| 107 | Robust stability criteria for linear impulsive delay systems. International Journal of Robust and Nonlinear Control, 2021, 31, 5652-5664. | 3.7 | 1 |
| 108 | An Ellipsoidal Set-Membership Approach to Distributed Joint State and Sensor Fault Estimation of Autonomous Ground Vehicles. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1107-1118. | 13.1 | 36 |

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| 109 | Dynamic Event-triggered Control and Estimation: A Survey. International Journal of Automation and Computing, 2021, 18, 857-886. | 4.5 | 88 |
| 110 | A Novel Networked Predictive Control Method for Systems with Random Communication Constraints. Journal of Systems Science and Complexity, 2021, 34, 1364-1378. | 2.8 | 61 |
| 111 | Observer-based state feedback $H_\infty$ control for offshore steel jacket structures under denial-of-service attacks. ISA Transactions, 2021, 115, 46-60. | 6.7 | 9 |
| 112 | New spectra of responses and control force for design of equivalent-input-disturbance-based active structural control of base-isolated buildings. Journal of Sound and Vibration, 2021, 507, 116160. | 3.9 | 6 |
| 113 | Deep Learning-Based Autonomous Driving Systems: A Survey of Attacks and Defenses. IEEE Transactions on Industrial Informatics, 2021, 17, 7897-7912. | 11.3 | 62 |
| 114 | Networked Active Suspension Control of In-Wheel Motor Driven Electric Vehicles Under Aperiodic Sampling and Transmission Delays. Communications in Computer and Information Science, 2021, , 274-284. | 0.5 | 0 |
| 115 | Dynamic Event-Triggered Vehicle Platooning Control: Trade-off Between Communication Efficiency and Platoon Performance. , 2021, , . | | 4 |
| 116 | Event-Triggered control for singular systems. , 2021, , . | | 0 |
| 117 | Networked control systems: a survey of trends and techniques. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1-17. | 13.1 | 258 |
| 118 | $\mathcal{H}_{\infty}$ Containment Control of Multiagent Systems Under Event-Triggered Communication Scheduling: The Finite-Horizon Case. IEEE Transactions on Cybernetics, 2020, 50, 1372-1382. | 9.5 | 99 |
| 119 | Passivity Analysis of Delayed Neural Networks Based on Lyapunov–Krasovskii Functionals With Delay-Dependent Matrices. IEEE Transactions on Cybernetics, 2020, 50, 946-956. | 9.5 | 52 |
| 120 | Distributed Event-Triggered Estimation Over Sensor Networks: A Survey. IEEE Transactions on Cybernetics, 2020, 50, 1306-1320. | 9.5 | 322 |
| 121 | Adaptive Consensus Control of Linear Multiagent Systems With Dynamic Event-Triggered Strategies. IEEE Transactions on Cybernetics, 2020, 50, 2996-3008. | 9.5 | 278 |
| 122 | A Scalable Algorithm for Event-Triggered State Estimation With Unknown Parameters and Switching Topologies Over Sensor Networks. IEEE Transactions on Cybernetics, 2020, 50, 4087-4097. | 9.5 | 47 |
| 123 | Finite-time containment control for nonlinear multi-agent systems with external disturbances. Information Sciences, 2020, 512, 338-351. | 6.9 | 84 |
| 124 | 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 |
| 125 | Observer-Based Event-Triggered Control for Networked Linear Systems Subject to Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2020, 50, 1952-1964. | 9.5 | 231 |
| 126 | Sampled-position states based consensus of networked multi-agent systems with second-order dynamics subject to communication delays. Information Sciences, 2020, 509, 36-46. | 6.9 | 17 |

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|---|---------|----|-----------|
| 127 | A Set-Membership Approach to Event-Triggered Filtering for General Nonlinear Systems Over Sensor Networks. IEEE Transactions on Automatic Control, 2020, 65, 1792-1799. | 5.7 | 256 |
| 128 | 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 |
| 129 | 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 |
| 130 | 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 |
| 131 | Distributed Cyber Attacks Detection and Recovery Mechanism for Vehicle Platooning. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3821-3834. | 8.0 | 91 |
| 132 | Resilient and secure remote monitoring for a class of cyber-physical systems against attacks. Information Sciences, 2020, 512, 1592-1605. | 6.9 | 62 |
| 133 | Fixed-Time Bipartite Consensus Tracking of Fractional-Order Multi-Agent Systems With a Dynamic Leader. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2054-2058. | 3.0 | 36 |
| 134 | Data-Driven Cyber Security in Perspective—Intelligent Traffic Analysis. IEEE Transactions on Cybernetics, 2020, 50, 3081-3093. | 9.5 | 78 |
| 135 | Fault-Tolerant Cooperative Control of Multiagent Systems: A Survey of Trends and Methodologies. IEEE Transactions on Industrial Informatics, 2020, 16, 4-17. | 11.3 | 105 |
| 136 | Resilient Control Design Based on a Sampled-Data Model for a Class of Networked Control Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2020, 50, 3616-3626. | 9.5 | 258 |
| 137 | Distributed Resilient Finite-Time Secondary Control for Heterogeneous Battery Energy Storage Systems Under Denial-of-Service Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 4909-4919. | 11.3 | 148 |
| 138 | Quadratic estimation for discrete time-varying non-Gaussian systems with multiplicative noises and quantization effects. Automatica, 2020, 113, 108714. | 5.0 | 44 |
| 139 | Integral-Type Sliding-Mode Control for a Class of Mechatronic Systems With Gain Adaptation. IEEE Transactions on Industrial Informatics, 2020, 16, 5357-5368. | 11.3 | 38 |
| 140 | Distributed entropy filtering subject to DoS attacks in non–Gauss environments. International Journal of Robust and Nonlinear Control, 2020, 30, 1240-1257. | 3.7 | 26 |
| 141 | Fixed-Time Leader-Following Consensus for Multiple Wheeled Mobile Robots. IEEE Transactions on Cybernetics, 2020, 50, 4381-4392. | 9.5 | 84 |
| 142 | Moving horizon estimation with multirate measurements and correlated noises. International Journal of Robust and Nonlinear Control, 2020, 30, 7429-7445. | 3.7 | 40 |
| 143 | Practical Fixed-Time Bipartite Consensus of Nonlinear Incommensurate Fractional-Order Multiagent Systems in Directed Signed Networks. SIAM Journal on Control and Optimization, 2020, 58, 3322-3341. | 2.1 | 19 |
| 144 | Dynamic Event-Triggered Distributed Coordination Control and its Applications: A Survey of Trends and Techniques. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3112-3125. | 9.3 | 318 |

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| 145 | A dynamic event-triggered approach to observer-based PID security control subject to deception attacks. Automatica, 2020, 120, 109128. | 5.0 | 98 |
| 146 | Neurodynamics-based Model Predictive Control of Continuous-time Under-actuated Mechatronic Systems. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1. | 5.8 | 21 |
| 147 | Secure impulsive synchronization in Lipschitz-type multi-agent systems subject to deception attacks. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1326-1334. | 13.1 | 47 |
| 148 | Special Issue on Event-Triggered Control and Filtering of Distributed Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3108-3111. | 9.3 | 1 |
| 149 | Dynamic Event-Triggered Fault-Tolerant Control of Vehicle Active Suspension Systems. , 2020, , . | | 1 |
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