

Yuliang Cai

List of Publications by Year in descending order

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445
papers

16,139
citations

20817

60
h-index

20961

115
g-index

446
all docs

446
docs citations

446
times ranked

7171
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Bipartite Edge-Based Event-Triggered Output Tracking of Heterogeneous Linear Multiagent Systems. IEEE Transactions on Cybernetics, 2023, 53, 967-978. | 9.5 | 9 |
| 2 | Adaptive Bipartite Output Tracking Consensus in Switching Networks of Heterogeneous Linear Multiagent Systems Based on Edge Events. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 79-89. | 11.3 | 17 |
| 3 | Finite-Time Event-Triggered Output Consensus of Heterogeneous Fractional-Order Multiagent Systems With Intermittent Communication. IEEE Transactions on Cybernetics, 2023, 53, 2164-2176. | 9.5 | 9 |
| 4 | Reinforcement-Learning-Based Dynamic Opinion Maximization Framework in Signed Social Networks. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 54-64. | 3.8 | 8 |
| 5 | Adaptive Bipartite Event-Triggered Time-Varying Output Formation Tracking of Heterogeneous Linear Multi-Agent Systems Under Signed Directed Graph. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7049-7058. | 11.3 | 9 |
| 6 | Adaptive Time-Varying Formation Tracking Control for Multiagent Systems With Nonzero Leader Input by Intermittent Communications. IEEE Transactions on Cybernetics, 2023, 53, 5706-5715. | 9.5 | 16 |
| 7 | Output Consensus Problem for Linear Heterogeneous Multiagent Systems With Dynamic Event-Based Impulsive Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 334-345. | 9.3 | 4 |
| 8 | Neural-Network-Based Immune Optimization Regulation Using Adaptive Dynamic Programming. IEEE Transactions on Cybernetics, 2023, 53, 1944-1953. | 9.5 | 5 |
| 9 | Adaptive-Discretization Based Dynamic Optimal Energy Flow for the Heat-Electricity Integrated Energy Systems With Hybrid AC/DC Power Sources. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1864-1875. | 5.2 | 2 |
| 10 | Cooperative Fault-Estimation-Based Event-Triggered Fault-Tolerant Voltage Restoration in Islanded AC Microgrids. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1829-1837. | 5.2 | 9 |
| 11 | Mixed H_2/H_∞ Control With Dynamic Event-Triggered Mechanism for Partially Unknown Nonlinear Stochastic Systems. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1934-1944. | 5.2 | 5 |
| 12 | Fault-Tolerant Control for Stochastic Switched IT2 Fuzzy Uncertain Time-Delayed Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 1335-1346. | 9.5 | 107 |
| 13 | The Decoupling Cooperative Control With Dominant Poles Assignment. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1205-1213. | 9.3 | 14 |
| 14 | Data-Driven Robust Iterative Learning Consensus Tracking Control for MIMO Multiagent Systems Under Fixed and Iteration-Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1331-1344. | 9.3 | 17 |
| 15 | Adaptive Fuzzy Containment Control for Multiagent Systems With State Constraints Using Unified Transformation Functions. IEEE Transactions on Fuzzy Systems, 2022, 30, 162-174. | 9.8 | 35 |
| 16 | Cooperative Bipartite Containment Control for Multiagent Systems Based on Adaptive Distributed Observer. IEEE Transactions on Cybernetics, 2022, 52, 5432-5440. | 9.5 | 43 |
| 17 | Multiple Delay-Dependent Robust H_∞ Finite-Time Filtering for Uncertain Itô Stochastic Takagi-Sugeno Fuzzy Semi-Markovian Jump Systems With State Constraints. IEEE Transactions on Fuzzy Systems, 2022, 30, 321-331. | 9.8 | 21 |
| 18 | Event-Triggered Adaptive Tracking Control for Random Systems With Coexisting Parametric Uncertainties and Severe Nonlinearities. IEEE Transactions on Automatic Control, 2022, 67, 2011-2018. | 5.7 | 42 |

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|----|--|------|-----------|
| 19 | Dissipativity-Based Finite-Time Filtering for Uncertain Semi-Markovian Jump Random Systems With Multiple Time Delays and State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2995-3009. | 11.3 | 10 |
| 20 | Cooperative Fault Diagnosis of Fuzzy Fractional Order Time-Varying Multi-Agent System With Directed Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1447-1451. | 3.0 | 1 |
| 21 | A Switched Newton-Raphson-Based Distributed Energy Management Algorithm for Multienergy System Under Persistent DoS Attacks. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2985-2997. | 5.2 | 13 |
| 22 | Adaptive Fuzzy Prescribed Finite-Time Tracking Control for Nonlinear System With Unknown Control Directions. IEEE Transactions on Fuzzy Systems, 2022, 30, 1993-2003. | 9.8 | 19 |
| 23 | Dissipativity-Based Fault-Tolerant Control for Stochastic Switched Systems With Time-Varying Delay and Uncertainties. IEEE Transactions on Cybernetics, 2022, 52, 10683-10694. | 9.5 | 23 |
| 24 | Command-Filter-Based Fixed-Time Bipartite Containment Control for a Class of Stochastic Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3519-3529. | 9.3 | 33 |
| 25 | Adaptive Bipartite Fixed-Time Time-Varying Output Formation-Containment Tracking of Heterogeneous Linear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4688-4698. | 11.3 | 46 |
| 26 | Event-Triggered Control of Nonlinear Discrete-Time System With Unknown Dynamics Based on HDP. IEEE Transactions on Cybernetics, 2022, 52, 6046-6058. | 9.5 | 44 |
| 27 | Distributed Bipartite Adaptive Event-Triggered Fault-Tolerant Consensus Tracking for Linear Multiagent Systems Under Actuator Faults. IEEE Transactions on Cybernetics, 2022, 52, 11313-11324. | 9.5 | 15 |
| 28 | Leader-Following Exponential Consensus of Fractional-Order Descriptor Multiagent Systems With Distributed Event-Triggered Strategy. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3967-3979. | 9.3 | 20 |
| 29 | Observer-Based Fault Reconstruction and Fault-Tolerant Control for Nonlinear Systems Subject to Simultaneous Actuator and Sensor Faults. IEEE Transactions on Fuzzy Systems, 2022, 30, 2971-2980. | 9.8 | 20 |
| 30 | Event-Triggered control for a class of nonlinear random systems involving time-varying delay and exogenous disturbances. Asian Journal of Control, 2022, 24, 973-984. | 3.0 | 10 |
| 31 | Hierarchical Pressure Data Recovery for Pipeline Network via Generative Adversarial Networks. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1960-1970. | 5.2 | 23 |
| 32 | Fault Estimation for Discrete-Time T-S Fuzzy Systems With Unmeasurable Premise Variables Based on Fuzzy Lyapunov Functions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1297-1301. | 3.0 | 1 |
| 33 | Adaptive Event-Triggered Leader-Follower Consensus of Linear Multiagent Systems Under Directed Graph With Nonzero Leader Input. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1442-1446. | 3.0 | 14 |
| 34 | Observer-Based Output Feedback Event-Triggered Adaptive Control for Linear Multiagent Systems Under Switching Topologies. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7161-7171. | 11.3 | 28 |
| 35 | Dissipativity-Based Intermittent Fault Detection and Tolerant Control for Multiple Delayed Uncertain Switched Fuzzy Stochastic Systems With Unmeasurable Premise Variables. IEEE Transactions on Cybernetics, 2022, 52, 8766-8780. | 9.5 | 23 |
| 36 | Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. IEEE Transactions on Cybernetics, 2022, 52, 7643-7654. | 9.5 | 58 |

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| 37 | Stability-Oriented Minimum Switching/Sampling Frequency for Cyber-Physical Systems: Grid-Connected Inverters Under Weak Grid. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 946-955. | 5.4 | 12 |
| 38 | Distributed Cooperative Output Regulation of Linear Heterogeneous Multiagent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2226-2230. | 3.0 | 1 |
| 39 | Fault-Tolerant Control of Nonlinear Systems With Actuator and Sensor Faults Based on Tâ€™S Fuzzy Model and Fuzzy Observer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5795-5804. | 9.3 | 12 |
| 40 | Event-Driven Adaptive Distributed Consensus for Fuzzy Fractional Order Multiagent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3405-3409. | 3.0 | 0 |
| 41 | Fully Distributed Event-Triggered Bipartite Formation Tracking Control for Heterogeneous Multi-Agent Systems on Signed Digraph. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2181-2185. | 3.0 | 8 |
| 42 | Integration of Three-Phase LLC Resonant Converter and Full-Bridge Converter for Hybrid Modulated Multioutput Topology. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 5844-5856. | 5.4 | 8 |
| 43 | Privacy-Preserving Sliding Mode Control for Voltage Restoration of AC Microgrids Based on Output Mask Approach. IEEE Transactions on Industrial Informatics, 2022, 18, 6818-6827. | 11.3 | 14 |
| 44 | Energy-Management Strategy of Battery Energy Storage Systems in DC Microgrids: A Distributed Dynamic Event-Triggered Consensus Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5692-5701. | 9.3 | 18 |
| 45 | Topology Prediction and Structural Controllability Analysis of Complex Networks Without Connection Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6015-6027. | 9.3 | 5 |
| 46 | Fully Distributed Formation Control of General Linear Multiagent Systems Using a Novel Mixed Self- and Event-Triggered Strategy. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5736-5745. | 9.3 | 13 |
| 47 | Time-varying formation control with general linear multi-agent systems by distributed event-triggered mechanisms under fixed and switching topologies. Neural Computing and Applications, 2022, 34, 4277-4294. | 5.6 | 4 |
| 48 | Accurate Identification for 3-D Position of Hybrid Defects in Ferromagnetic Pipe Using External Remote Field Eddy Current Testing. IEEE Transactions on Magnetics, 2022, 58, 1-10. | 2.1 | 9 |
| 49 | Cooperative Output Regulation Problem for Multiagent System Under Directed Topology Using Dynamic Triggering Strategy. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3430-3434. | 3.0 | 2 |
| 50 | Bipartite Formation Tracking for Multi-Agent Systems Using Fully Distributed Dynamic Edge-Event-Triggered Protocol. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 847-853. | 13.1 | 24 |
| 51 | TBDA-Net: A Task-Based Bias Domain Adaptation Network Under Industrial Small Samples. IEEE Transactions on Industrial Informatics, 2022, 18, 6109-6119. | 11.3 | 10 |
| 52 | A Multisensor Cycle-Supervised Convolutional Neural Network for Anomaly Detection on Magnetic Flux Leakage Signals. IEEE Transactions on Industrial Informatics, 2022, 18, 7619-7627. | 11.3 | 14 |
| 53 | Observer-based adaptive control and faults estimation for T-S fuzzy singular fractional order systems. Neural Computing and Applications, 2022, 34, 4265-4275. | 5.6 | 3 |
| 54 | Neurodynamic Programming and Tracking Control for Nonlinear Stochastic Systems by PI Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2892-2896. | 3.0 | 7 |

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| 55 | Negative Pressure Wave-Based Method for Abnormal Signal Location in Energy Transportation System. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9. | 4.7 | 3 |
| 56 | Multichannel Spatio-Temporal Feature Fusion Method for NILM. IEEE Transactions on Industrial Informatics, 2022, 18, 8735-8744. | 11.3 | 12 |
| 57 | Distributed secondary voltage control of microgrids with actuators bias faults and directed communication topologies: Event-triggered approaches. International Journal of Robust and Nonlinear Control, 2022, 32, 4422-4437. | 3.7 | 14 |
| 58 | Reinforcement Learning-Based Rumor Blocking Approach in Directed Social Networks. IEEE Systems Journal, 2022, 16, 6457-6467. | 4.6 | 6 |
| 59 | Distributed Resilient Double-Gradient-Descent Based Energy Management Strategy for Multi-Energy System Under DoS Attacks. IEEE Transactions on Network Science and Engineering, 2022, 9, 2301-2316. | 6.4 | 14 |
| 60 | Reduced-Order High-Gain Observer (ROHGO)-Based Neural Tracking Control for Random Nonlinear Systems With Output Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7507-7515. | 9.3 | 12 |
| 61 | Event-Based Fuzzy Adaptive Consensus FTC for Microgrids With Nonlinear Item via Prescribed Fixed-Time Performance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2982-2993. | 5.4 | 5 |
| 62 | Dissipativity-Based Intermittent Fault Detection and Fault-Tolerant Control for Uncertain Switched Random Nonlinear Systems With Multiple Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7457-7468. | 9.3 | 8 |
| 63 | Adaptive Event-Triggered Consensus of Linear Multiagent Systems With Resilience to Communication Link Faults for Digraphs. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3249-3253. | 3.0 | 9 |
| 64 | Tracking Control of Discrete-Time System With Dynamic Event-Based Adaptive Dynamic Programming. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3570-3574. | 3.0 | 2 |
| 65 | A Design Framework of Nonlinear H^∞ PD Observer for One-Sided Lipschitz Singular Systems With Disturbances. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3304-3308. | 3.0 | 7 |
| 66 | A Defect Recognition Method for Low-Quality Weld Image Based on Consistent Multiscale Feature Mapping. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11. | 4.7 | 3 |
| 67 | Overview of the recent research progress for stability and control on random nonlinear systems. Annual Reviews in Control, 2022, 53, 70-82. | 7.9 | 4 |
| 68 | Adaptive Containment Control for Fractional-Order Nonlinear Multi-Agent Systems With Time-Varying Parameters. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1627-1638. | 13.1 | 7 |
| 69 | A Topology-Reconfigurable LLC Resonant Converter for Wide Output Range Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 10389-10399. | 6.3 | 5 |
| 70 | Fully Distributed Fault-Tolerant Event-Triggered Control of Microgrids Under Directed Graphs. IEEE Transactions on Network Science and Engineering, 2022, 9, 3570-3579. | 6.4 | 22 |
| 71 | Event-triggered adaptive integral reinforcement learning method for zero-sum differential games of nonlinear systems with incomplete known dynamics. Neural Computing and Applications, 2022, 34, 10775-10786. | 5.6 | 4 |
| 72 | Practical fixed-time bipartite consensus control for nonlinear multi-agent systems: A barrier Lyapunov function-based approach. Information Sciences, 2022, 607, 519-536. | 6.9 | 13 |

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| 73 | Coordination for Multiagent Systems: Fully Distributed Event-Driven Approach With Single-Event Monitoring Condition. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4919-4923. | 3.0 | 2 |
| 74 | Stability and Stabilization of Fuzzy Time-Delay System via Relaxed Integral Inequality and Dynamic Delay Partition. IEEE Transactions on Fuzzy Systems, 2021, 29, 2829-2843. | 9.8 | 19 |
| 75 | Command Filter Based Adaptive Fuzzy Finite-Time Control for a Class of Uncertain Nonlinear Systems With Hysteresis. IEEE Transactions on Fuzzy Systems, 2021, 29, 2553-2564. | 9.8 | 94 |
| 76 | Echo State Network-Based Decentralized Control of Continuous-Time Nonlinear Large-Scale Interconnected Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6293-6303. | 9.3 | 45 |
| 77 | Distributed Bipartite Consensus of Linear Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6743-6756. | 9.3 | 53 |
| 78 | Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 1110-1120. | 9.5 | 151 |
| 79 | Reliable guaranteed cost control for uncertain switched fuzzy stochastic systems with multiple time-varying delays and intermittent actuator and sensor faults. Neural Computing and Applications, 2021, 33, 1343-1365. | 5.6 | 5 |
| 80 | Multiple delay-dependent noise-to-state stability for a class of uncertain switched random nonlinear systems with intermittent sensor and actuator faults. Applied Intelligence, 2021, 51, 265-282. | 5.3 | 4 |
| 81 | Global synchronization of memristive hybrid neural networks via nonlinear coupling. Neural Computing and Applications, 2021, 33, 2873-2887. | 5.6 | 2 |
| 82 | Neural-Network-Based Event-Triggered Adaptive Control of Nonaffine Nonlinear Multiagent Systems With Dynamic Uncertainties. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2239-2250. | 11.3 | 327 |
| 83 | Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. Information Sciences, 2021, 555, 314-338. | 6.9 | 63 |
| 84 | Multiple delay-dependent H ∞ guaranteed cost control for uncertain semi-Markovian jump random nonlinear systems with intermittent actuator and sensor faults and input constraint. International Journal of Systems Science, 2021, 52, 57-85. | 5.5 | 2 |
| 85 | Integrated design of robust fault estimation and fault-tolerant control against simultaneous actuator and sensor faults. Asian Journal of Control, 2021, 23, 341-350. | 3.0 | 3 |
| 86 | Bipartite Fixed-Time Output Consensus of Heterogeneous Linear Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 548-557. | 9.5 | 112 |
| 87 | A Hierarchical Event Detection Method Based on Spectral Theory of Multidimensional Matrix for Power System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2173-2186. | 9.3 | 56 |
| 88 | Discrete-Time Non-Zero-Sum Games With Completely Unknown Dynamics. IEEE Transactions on Cybernetics, 2021, 51, 2929-2943. | 9.5 | 45 |
| 89 | A Data-Driven Interpretable Method Based on Reversely Built FIS and Its Applications in Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 2 |
| 90 | A t α nGAN-Based Leak Detection Method for Pipeline Network Considering Incomplete Sensor Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10. | 4.7 | 49 |

| # | ARTICLE | IF | CITATIONS |
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| 91 | Fuzzy Adaptive Observer-Based Fault and Disturbance Reconstructions for T-S Fuzzy Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2453-2457. | 3.0 | 22 |
| 92 | Optimal tracking control of switched systems applied in grid-connected hybrid generation using reinforcement learning. Neural Computing and Applications, 2021, 33, 9363-9374. | 5.6 | 7 |
| 93 | Robust reliable H_∞ optimization control for uncertain discrete-time Takagi-Sugeno fuzzy systems with time-varying delay. Optimal Control Applications and Methods, 2021, 42, 848-876. | 2.1 | 3 |
| 94 | Fully distributed bipartite time-varying formation control for uncertain linear multi-agent systems under event-triggered mechanism. International Journal of Robust and Nonlinear Control, 2021, 31, 5165-5187. | 3.7 | 8 |
| 95 | Fixed-time leader-following/containment consensus for a class of nonlinear multi-agent systems. Information Sciences, 2021, 555, 58-84. | 6.9 | 32 |
| 96 | Distributed fault-tolerant output regulation for heterogeneous linear multi-agent systems under actuator faults. Journal of the Franklin Institute, 2021, 358, 3303-3331. | 3.4 | 7 |
| 97 | Fixed-time leader-following/containment consensus of nonlinear multi-agent systems based on event-triggered mechanism. Applied Mathematics and Computation, 2021, 396, 125881. | 2.2 | 19 |
| 98 | Distributed edge-event triggered consensus control for multi-agent systems by edge-based asynchronous communications. Applied Mathematics and Computation, 2021, 397, 125920. | 2.2 | 9 |
| 99 | Event-based Integral Reinforcement Learning Algorithm for Non-zero-sum Games of Partially Unknown Nonlinear Systems. , 2021, , . | | 2 |
| 100 | Fixed-time cooperative control for robotic manipulators with motion constraints using unified transformation function. International Journal of Robust and Nonlinear Control, 2021, 31, 6826-6844. | 3.7 | 8 |
| 101 | Fixed-time time-varying formation tracking for nonlinear multi-agent systems under event-triggered mechanism. Information Sciences, 2021, 564, 45-70. | 6.9 | 38 |
| 102 | Cooperative Bipartite Containment Control for Heterogeneous Networks With Structurally Balanced Graph. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2885-2889. | 3.0 | 12 |
| 103 | Time-varying output formation-containment control for homogeneous/heterogeneous descriptor fractional-order multi-agent systems. Information Sciences, 2021, 567, 146-166. | 6.9 | 23 |
| 104 | H_∞ distributed frequency control with unknown communication delays and parametric uncertainties. International Transactions on Electrical Energy Systems, 2021, 31, e13082. | 1.9 | 2 |
| 105 | State and Fault Estimations for Discrete-Time T-S Fuzzy Systems With Sensor and Actuator Faults. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3326-3330. | 3.0 | 13 |
| 106 | Online event-based adaptive critic design with experience replay to solve partially unknown multi-player nonzero-sum games. Neurocomputing, 2021, 458, 219-231. | 5.9 | 8 |
| 107 | Speed Control of Pipeline Inner Detector Based on Interval Dynamic Matrix Control With Additional Margin. IEEE Transactions on Industrial Electronics, 2021, 68, 12657-12667. | 7.9 | 14 |
| 108 | Fully distributed bipartite leader-following consensus for uncertain linear multi-agent systems with event-triggered mechanism. International Journal of Robust and Nonlinear Control, 2021, 31, 1375-1394. | 3.7 | 16 |

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| 109 | Distributed adaptive protocols design based load frequency control for multi-area interconnected power system. , 2021, , . | | 0 |
| 110 | Distributed Formation Control of UAVs for Circumnavigating a Moving Target in Three-Dimensional Space. Research on World Agricultural Economy, 2021, 01, . | 1.3 | 15 |
| 111 | Adaptive integral sliding mode controller for solid state transformer based on generalized averaged model and <sc>Tâ€Š</sc> fuzzy method. International Transactions on Electrical Energy Systems, 2021, 31, . | 1.9 | 0 |
| 112 | Minimum-Learning-Parameters-Based Adaptive Neural Fault Tolerant Control With Its Application to Continuous Stirred Tank Reactor. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1275-1285. | 9.3 | 14 |
| 113 | A distributed Newtonâ€™Raphson-based coordination algorithm for multi-agent optimization with discrete-time communication. Neural Computing and Applications, 2020, 32, 4649-4663. | 5.6 | 23 |
| 114 | Critic-only adaptive dynamic programming algorithmsâ€™™ applications to the secure control of cyberâ€™physical systems. ISA Transactions, 2020, 104, 138-144. | 5.7 | 9 |
| 115 | Fuzzy adaptive dynamic programming-based optimal leader-following consensus for heterogeneous nonlinear multi-agent systems. Neural Computing and Applications, 2020, 32, 8763-8781. | 5.6 | 18 |
| 116 | Adaptive Dynamics Programming for H_{âˆž} Control of Continuous-Time Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3996-4008. | 9.3 | 33 |
| 117 | Semiâ€™global bipartite output consensus of heterogeneous multiâ€™agent systems subject to input saturation by finiteâ€™time observer. Asian Journal of Control, 2020, 22, 1639-1648. | 3.0 | 7 |
| 118 | Robust Optimal Control Scheme for Unknown Constrained-Input Nonlinear Systems via a Plug-n-Play Event-Sampled Critic-Only Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3169-3180. | 9.3 | 70 |
| 119 | Situation awareness method using spectral analysis of random matrix for integrated energy system. ISA Transactions, 2020, 99, 240-251. | 5.7 | 0 |
| 120 | Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. ISA Transactions, 2020, 99, 191-198. | 5.7 | 58 |
| 121 | Opinion Maximization Through Unknown Influence Power in Social Networks Under Weighted Voter Model. IEEE Systems Journal, 2020, 14, 1874-1885. | 4.6 | 15 |
| 122 | An Iterative Stacking Method for Pipeline Defect Inversion With Complex MFL Signals. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3780-3788. | 4.7 | 35 |
| 123 | Fuzzy Observer-Based Repetitive Tracking Control for Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2401-2415. | 9.8 | 97 |
| 124 | A Novel Approach to Observer-Based Fault Estimation and Fault-Tolerant Controller Design for Tâ€™S Fuzzy Systems With Multiple Time Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 1679-1693. | 9.8 | 32 |
| 125 | Finite-time time-varying output formation-tracking of heterogeneous linear multi-agent systems. Journal of the Franklin Institute, 2020, 357, 926-941. | 3.4 | 26 |
| 126 | Event-Driven Guaranteed Cost Control Design for Nonlinear Systems With Actuator Faults via Reinforcement Learning Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4135-4150. | 9.3 | 82 |

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| 127 | Integral reinforcement learning-based online adaptive event-triggered control for non-zero-sum games of partially unknown nonlinear systems. <i>Neurocomputing</i> , 2020, 377, 243-255. | 5.9 | 41 |
| 128 | Event-Triggered Integral Sliding-Mode Control for Nonlinear Constrained-Input Systems With Disturbances via Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4086-4096. | 9.3 | 61 |
| 129 | Tracking Control of Discrete-Time System With Delays via Data-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 4078-4085. | 9.3 | 40 |
| 130 | Parallel Optimal Tracking Control Schemes for Mode-Dependent Control of Coupled Markov Jump Systems via Integral RL Method. <i>IEEE Transactions on Automation Science and Engineering</i> , 2020, , 1-11. | 5.2 | 22 |
| 131 | Axiomatic fuzzy set theory-based fuzzy oblique decision tree with dynamic mining fuzzy rules. <i>Neural Computing and Applications</i> , 2020, 32, 11621-11636. | 5.6 | 4 |
| 132 | Induction Motors Fault Diagnosis Using Finite Element Method: A Review. <i>IEEE Transactions on Industry Applications</i> , 2020, 56, 1205-1217. | 4.9 | 90 |
| 133 | Distributed bipartite leader-following consensus of linear multi-agent systems with input time delay based on event-triggered transmission mechanism. <i>ISA Transactions</i> , 2020, 100, 221-234. | 5.7 | 23 |
| 134 | Guaranteed-performance consensus for descriptor nonlinear multi-agent systems based on distributed nonlinear consensus protocol. <i>Neurocomputing</i> , 2020, 383, 359-367. | 5.9 | 14 |
| 135 | Online Dual-Network-Based Adaptive Dynamic Programming for Solving Partially Unknown Multi-Player Non-Zero-Sum Games With Control Constraints. <i>IEEE Access</i> , 2020, 8, 182295-182306. | 4.2 | 9 |
| 136 | Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. <i>Neurocomputing</i> , 2020, 393, 38-45. | 5.9 | 16 |
| 137 | Cooperative output regulation of heterogeneous linear multi-agent systems with edge-event triggered adaptive control under time-varying topologies. <i>Neural Computing and Applications</i> , 2020, 32, 15573-15584. | 5.6 | 7 |
| 138 | A new method of fault estimation and tolerant control for fuzzy systems against time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020, 38, 100942. | 3.5 | 10 |
| 139 | Fault estimation and tolerant control for discrete-time nonlinear stochastic multiple-delayed systems with intermittent sensor and actuator faults. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 6761-6781. | 3.7 | 5 |
| 140 | Cooperative output regulation of linear heterogeneous multi-agent systems based on the observer by event-triggered mechanism. , 2020, , . | | 0 |
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