

Michael Shi

List of Publications by Year in descending order

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802
papers

61,323
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835
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docs citations

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times ranked

13829
citing authors

#	ARTICLE	IF	CITATIONS
1	Notice of Violation of IEEE Publication Principles: Decentralized event-triggering passive control of networked T-S fuzzy systems. IEEE Transactions on Fuzzy Systems, 2024, , 1-1.	9.8	3
2	Two-Dimensional Hankel Norm Performance of Roesser-Type Filters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, , 1-1.	3.0	5
3	Generalized Dissipativity-Based Receding Horizon FIR Filtering with Deadbeat Property. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, , 1-1.	3.0	1
4	Adaptive Neural Finite-Time Control of Non-Strict Feedback Nonlinear Systems With Non-Symmetrical Dead-Zone. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1409-1414.	11.3	5
5	Adaptive Learning Control of Switched Strict-Feedback Nonlinear Systems With Dead Zone Using NN and DOB. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2503-2512.	11.3	6
6	Robust and Collision-Free Formation Control of Multiagent Systems With Limited Information. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4286-4295.	11.3	13
7	Event-Triggered Control for Markov Jump Systems Subject to Mismatched Modes and Strict Dissipativity. IEEE Transactions on Cybernetics, 2023, 53, 1537-1546.	9.5	21
8	Command-Filtered Neuroadaptive Output-Feedback Control for Stochastic Nonlinear Systems With Input Constraint. IEEE Transactions on Cybernetics, 2023, 53, 2301-2310.	9.5	20
9	Distributed Filtering for Semi-Markov-Type Sensor Networks With Hybrid Sojourn-Time Distributions—A Nonmonotonic Approach. IEEE Transactions on Cybernetics, 2023, 53, 3075-3088.	9.5	14
10	Fuzzy-Model-Based Lateral Control for Networked Autonomous Vehicle Systems Under Hybrid Cyber-Attacks. IEEE Transactions on Cybernetics, 2023, 53, 2600-2609.	9.5	44
11	Generalized Nonconvex Nonsmooth Low-Rank Matrix Recovery Framework With Feasible Algorithm Designs and Convergence Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5342-5353.	11.3	8
12	A Stochastic Event-Triggered Robust Cubature Kalman Filtering Approach to Power System Dynamic State Estimation With Non-Gaussian Measurement Noises. IEEE Transactions on Control Systems Technology, 2023, 31, 889-896.	5.2	10
13	Resilient Event-/Self-Triggering Leader-Following Consensus Control of Multiagent Systems Against DoS Attacks. IEEE Transactions on Industrial Informatics, 2023, 19, 5925-5934.	11.3	7
14	Fully distributed consensus for fuzzy multiagent systems with jointly connected topology. Asian Journal of Control, 2023, 25, 2229-2238.	3.0	0
15	Secure state estimation for cyber-physical systems under sparse data injection attacks: a switched counteraction approach. International Journal of Control, 2022, 95, 963-974.	1.9	4
16	Zonotopic Fault Detection for 2-D Systems Under Event-Triggered Mechanism. IEEE Transactions on Cybernetics, 2022, 52, 3510-3518.	9.5	20
17	Distributed L_2 $\hat{\alpha}$ consensus of multi-agent systems under asynchronous switching topologies. International Journal of Control, 2022, 95, 544-553.	1.9	3
18	Stackelberg Game Approach for Robust Optimization With Fuzzy Variables. IEEE Transactions on Fuzzy Systems, 2022, 30, 258-269.	9.8	1

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19	Efficient Learning Control of Uncertain Fractional-Order Chaotic Systems With Disturbance. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 445-450.	11.3	5
20	Event-Triggered Probability-Driven Adaptive Formation Control for Multiple Elliptical Agents. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 645-654.	9.3	7
21	Asynchronous Distributed Finite-Time H _∞ Filtering in Sensor Networks With Hidden Markovian Switching and Two-Channel Stochastic Attack. IEEE Transactions on Cybernetics, 2022, 52, 1502-1514.	9.5	27
22	Fuzzy-Control-Based Chance-Constrained Programming for Humanitarian Relief Allocation Problem. IEEE Transactions on Fuzzy Systems, 2022, 30, 2044-2054.	9.8	1
23	Synchronization Analysis for Stochastic Networks Through Finite Fields. IEEE Transactions on Automatic Control, 2022, 67, 1016-1022.	5.7	23
24	Event-Triggered Bipartite Consensus for Fuzzy Multiagent Systems Under Markovian Switching Signed Topology. IEEE Transactions on Fuzzy Systems, 2022, 30, 2610-2620.	9.8	17
25	Preserving State and Control Privacies in Networked Systems With Tokenized Polytopic Transforms. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 104-108.	3.0	3
26	Incipient Fault Diagnosis for High-Speed Train Traction Systems via Stacked Generalization. IEEE Transactions on Cybernetics, 2022, 52, 7624-7633.	9.5	32
27	Finite-Time Robust Intelligent Control of Strict-Feedback Nonlinear Systems With Flight Dynamics Application. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6173-6182.	11.3	12
28	Dynamic Event-Triggered State Estimation for Markov Jump Neural Networks With Partially Unknown Probabilities. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7438-7447.	11.3	24
29	Observer-Based Finite-Time Adaptive Fuzzy Control With Prescribed Performance for Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 767-778.	9.8	105
30	Stability Analysis of Semi-Markov Jump Stochastic Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 2084-2091.	5.7	19
31	Event-Triggered Sliding-Mode Control of Networked Fuzzy Systems With Strict Dissipativity. IEEE Transactions on Fuzzy Systems, 2022, 30, 1371-1381.	9.8	13
32	Nonsingular Fast Terminal Sliding Mode Control for Permanent Magnet Linear Synchronous Motor via High-Order Super-Twisting Observer. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1651-1659.	5.8	30
33	Cluster Synchronization of Coupled Neural Networks With Lévy Noise via Event-Triggered Pinning Control. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6144-6157.	11.3	21
34	Synchronization of Complex Dynamical Networks Subject to Noisy Sampling Interval and Packet Loss. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3216-3226.	11.3	23
35	Resilient Event-Triggered Control for Networked Cascade Control Systems Under Denial-of-Service Attacks and Actuator Saturation. IEEE Systems Journal, 2022, 16, 1114-1122.	4.6	23
36	Dynamic Event-Triggered Asynchronous MPC of Markovian Jump Systems With Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 11639-11648.	9.5	35

#	ARTICLE	IF	CITATIONS
37	Cooperative Tracking Control of Heterogeneous Mixed-Order Multiagent Systems With Higher-Order Nonlinear Dynamics. IEEE Transactions on Cybernetics, 2022, 52, 5498-5507.	9.5	27
38	Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3937-3946.	9.3	15
39	Robust Formation Control for Nonlinear Heterogeneous Multiagent Systems Based on Adaptive Event-Triggered Strategy. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2788-2800.	5.2	26
40	Neuroadaptive Finite-Time Control for Nonlinear MIMO Systems With Input Constraint. IEEE Transactions on Cybernetics, 2022, 52, 6676-6683.	9.5	71
41	Fixed-Time Event-Triggered Output Consensus Tracking of High-Order Multiagent Systems Under Directed Interaction Graphs. IEEE Transactions on Cybernetics, 2022, 52, 6391-6405.	9.5	84
42	Distributed Iterative FIR Consensus Filter for Multiagent Systems Over Sensor Networks. IEEE Transactions on Cybernetics, 2022, 52, 4647-4660.	9.5	24
43	Fault Detection for Systems With Model Uncertainty and Disturbance via Coprime Factorization and Gap Metric. IEEE Transactions on Cybernetics, 2022, 52, 7765-7775.	9.5	22
44	Output Feedback Control of Micromechanical Gyroscopes Using Neural Networks and Disturbance Observer. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 962-972.	11.3	24
45	Event-Triggered Control for Networked Systems Under Denial of Service Attacks and Applications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 811-820.	5.4	24
46	Optimal robust formation control for heterogeneous multi-agent systems based on reinforcement learning. International Journal of Robust and Nonlinear Control, 2022, 32, 2683-2704.	3.7	23
47	Robust \mathcal{H}_{∞} -Based Control for Uncertain Stochastic Fuzzy Switched Time-Delay Systems via Integral Sliding Mode Strategy. IEEE Transactions on Fuzzy Systems, 2022, 30, 382-396.	9.8	11
48	Distributed Fault-Tolerant Cooperative Output Regulation for Multiagent Networks Via Fixed-Time Observer and Adaptive Control. IEEE Transactions on Control of Network Systems, 2022, 9, 845-855.	3.7	15
49	Finite-frequency fault estimation and accommodation for continuous-time Markov jump linear systems with imprecise statistics of modes transitions. Information Sciences, 2022, 585, 594-608.	6.9	6
50	Robust Formation Control for Multiagent Systems Based on Adaptive Observers. IEEE Systems Journal, 2022, 16, 3139-3150.	4.6	11
51	Output Feedback-Based Neural Adaptive Finite-Time Containment Control of Non-Strict Feedback Nonlinear Multi-Agent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 847-858.	5.4	23
52	Dynamic Hybrid-Triggered-Based Fuzzy Control for Nonlinear Networks Under Multiple Cyberattacks. IEEE Transactions on Fuzzy Systems, 2022, 30, 3940-3951.	9.8	17
53	Desire-Driven Reasoning Considering Personalized Care Preferences. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5758-5769.	9.3	0
54	Robust Model Predictive Control for Linear Systems via Self-Triggered Pseudo Terminal Ingredients. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 1312-1322.	5.4	5

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55	Event-triggered sliding mode scaled consensus control for multi-agent systems. <i>Journal of the Franklin Institute</i> , 2022, 359, 981-998.	3.4	28
56	A Universal Method for Constructing N -Port Reconfigurable Non-Blocking Optical Switches on a Silicon Chip. <i>IEEE Access</i> , 2022, 10, 1850-1859.	4.2	1
57	Event-based finite-time H^∞ filtering of discrete-time singular jump network systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 4038-4054.	3.7	23
58	Finite time observer-based output feedback control of MEMS gyroscopes with input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 4300-4317.	3.7	3
59	Stabilization of two kinds of nonhomogeneous Markovian jump systems via sliding mode control. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 3754-3770.	3.7	4
60	Constrained fast finite-time exact tracking for disturbed nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 4376-4400.	3.7	4
61	Robust Hierarchical Formation Control of Unmanned Aerial Vehicles via Neural-Based Observers. <i>Drones</i> , 2022, 6, 40.	4.9	1
62	Kalman filtering with finite-step autocorrelated measurement noise. <i>Journal of Computational and Applied Mathematics</i> , 2022, 408, 114138.	2.0	2
63	Stability Analysis for Hybrid Time-Delay Systems With Double Degrees. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 7444-7456.	9.3	3
64	Adaptive Finite-Time Command Filtered Backstepping Control for Markov Jumping Nonlinear Systems with Full-State Constraints. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 3244-3248.	3.0	3
65	Adaptive consensus control for output-constrained nonlinear multi-agent systems with actuator faults. <i>Journal of the Franklin Institute</i> , 2022, 359, 4216-4232.	3.4	17
66	Cognitive decisions based on a rule-based fuzzy system. <i>Information Sciences</i> , 2022, 600, 323-341.	6.9	2
67	Neural-based formation control of uncertain multi-agent systems with actuator saturation. <i>Nonlinear Dynamics</i> , 2022, 108, 3693-3709.	5.2	5
68	A Novel Electronic Chip Detection Method Using Deep Neural Networks. <i>Machines</i> , 2022, 10, 361.	2.2	1
69	Virtual-Sensor-Based Model-Free Adaptive Fault-Tolerant Constrained Control for Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 4191-4202.	5.4	6
70	Adaptive Event-Triggered and Double-Quantized Consensus of Leader-Follower Multiagent Systems With Semi-Markovian Jump Parameters. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5867-5879.	9.3	24
71	Adaptive Neural Network-Based Filter Design for Nonlinear Systems With Multiple Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3256-3261.	11.3	50
72	Stackelberg-Nash Game Approach for Constrained Robust Optimization With Fuzzy Variables. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3519-3531.	9.8	7

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73	Sparse False Injection Attacks Reconstruction via Descriptor Sliding Mode Observers. IEEE Transactions on Automatic Control, 2021, 66, 5369-5376.	5.7	33
74	Global Predefined Time and Accuracy Adaptive Neural Network Control for Uncertain Strict-Feedback Systems With Output Constraint and Dead Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7903-7918.	9.3	60
75	State-feedback optimal strategies for the differential game of cooperative target defence: a geometric approach. International Journal of Control, 2021, 94, 2615-2622.	1.9	6
76	Adaptive Robust Control for Stochastic Systems With Unknown Interconnections. IEEE Transactions on Fuzzy Systems, 2021, 29, 1008-1022.	9.8	13
77	A New Filter Design Method for a Class of Fuzzy Systems With Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6477-6487.	9.3	10
78	Adaptive Neural Control for a Class of Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 763-776.	11.3	16
79	Event-Based Formation Control for Nonlinear Multiagent Systems Under DoS Attacks. IEEE Transactions on Automatic Control, 2021, 66, 452-459.	5.7	141
80	Dissipativity-Based Sliding-Mode Control of Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2306-2318.	9.5	65
81	Design of backtracking search heuristics for parameter estimation of power signals. Neural Computing and Applications, 2021, 33, 1479-1496.	5.6	12
82	Dissipativity-Based Consensus for Fuzzy Multiagent Systems Under Switching Directed Topologies. IEEE Transactions on Fuzzy Systems, 2021, 29, 1143-1151.	9.8	36
83	Design on Type-2 Fuzzy-Based Distributed Supervisory Control With Backlash-Like Hysteresis. IEEE Transactions on Fuzzy Systems, 2021, 29, 252-261.	9.8	62
84	Creating rule-based agents for artificial general intelligence using association rules mining. International Journal of Machine Learning and Cybernetics, 2021, 12, 223-230.	3.6	4
85	Adaptive Neural Network Fixed-Time Leader-Follower Consensus for Multiagent Systems With Constraints and Disturbances. IEEE Transactions on Cybernetics, 2021, 51, 1835-1848.	9.5	93
86	Event-Triggered-Based Adaptive Sliding Mode Control for T ∞ S Fuzzy Systems With Actuator Failures and Signal Quantization. IEEE Transactions on Fuzzy Systems, 2021, 29, 1363-1374.	9.8	33
87	Event-Triggered Fuzzy Filtering for Networked Systems With Application to Sensor Fault Detection. IEEE Transactions on Fuzzy Systems, 2021, 29, 1409-1422.	9.8	15
88	A New Approach to Characterize Successive Packet Losses in Stochastic Networked Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 552-560.	9.3	11
89	Exponential Stability of Markovian Jumping Systems via Adaptive Sliding Mode Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 954-964.	9.3	101
90	Control of Discrete-Time Stochastic Systems With Packet Loss by Event-Triggered Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 755-764.	9.3	27

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91	Command Filtered Backstepping-Based Attitude Containment Control for Spacecraft Formation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1278-1287.	9.3	63
92	Control Design for Uncertain Switched Nonlinear Systems: Adaptive Neural Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2322-2331.	9.3	14
93	A New Fixed-Time Consensus Tracking Approach for Second-Order Multiagent Systems Under Directed Communication Topology. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2488-2500.	9.3	52
94	Finite-Time Synchronization for Switched Neural Networks via Quantized Feedback Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2873-2884.	9.3	33
95	Dissipativity-Based Two-Dimensional Control and Filtering for a Class of Switched Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2737-2750.	9.3	39
96	Active resilient control for two-dimensional systems under denial-of-service attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 759-771.	3.7	8
97	A Novel Outlier-Robust Kalman Filtering Framework Based on Statistical Similarity Measure. IEEE Transactions on Automatic Control, 2021, 66, 2677-2692.	5.7	68
98	Disturbance-Observer-Based Terminal Sliding Mode Control for Linear Traction System With Prescribed Performance. IEEE Transactions on Transportation Electrification, 2021, 7, 649-658.	7.8	30
99	Fixed-time sliding mode cooperative control for multiagent networks via event-triggered strategy. International Journal of Robust and Nonlinear Control, 2021, 31, 21-36.	3.7	35
100	Self-adapting variable step size strategies for active noise control systems with acoustic feedback. Automatica, 2021, 123, 109354.	5.0	9
101	Neural network-based integral sliding mode backstepping control for virtual synchronous generators. Energy Reports, 2021, 7, 1-9.	5.1	12
102	New results on robust sliding mode control for linear time-delay systems. IMA Journal of Mathematical Control and Information, 2021, 38, 320-336.	1.7	9
103	Adaptive Fault Estimation for Unmanned Surface Vessels With a Neural Network Observer Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 416-425.	5.4	34
104	A Direct Approach of Path Planning Using Environmental Contours. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 101, 1.	3.4	1
105	Finite Distribution Estimation-Based Dynamic Window Approach to Reliable Obstacle Avoidance of Mobile Robot. IEEE Transactions on Industrial Electronics, 2021, 68, 9998-10006.	7.9	35
106	Optimal PID Controller Autotuning Design for MIMO Nonlinear Systems Based on the Adaptive SLP Algorithm. International Journal of Control, Automation and Systems, 2021, 19, 392-403.	2.7	17
107	Event-Triggered Model Predictive Control for Multiagent Systems With Communication Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3304-3316.	9.3	27
108	Nonfragile Observer-Based Control for Markovian Jump Systems Subject to Asynchronous Modes. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3533-3540.	9.3	20

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109	Sliding Mode Control for Markov Jump Systems With Delays via Asynchronous Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2916-2925.	9.3	41
110	Event-Triggered Fuzzy Control for Nonlinear Systems via Sliding Mode Approach. IEEE Transactions on Fuzzy Systems, 2021, 29, 336-344.	9.8	59
111	Bi-Directional Benes With Large Port-Counts and Low Waveguide Crossings for Optical Network-on-Chip. IEEE Access, 2021, 9, 115788-115800.	4.2	5
112	Controllability Analysis and Verification for High-Order DC-DC Converters Using Switched Linear Systems Theory. IEEE Transactions on Power Electronics, 2021, 36, 9678-9688.	7.9	14
113	A Survey on Intelligent Control for Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 161-175.	9.3	94
114	Stability Analysis for Stochastic Neutral Switched Systems with Time-Varying Delay. SIAM Journal on Control and Optimization, 2021, 59, 24-49.	2.1	20
115	Fault Estimation and Fault-Tolerant Control for Networked Systems Based on an Adaptive Memory-Based Event-Triggered Mechanism. IEEE Transactions on Network Science and Engineering, 2021, 8, 3233-3241.	6.4	30
116	Dynamic event-triggered approach for networked control systems under denial of service attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 1774-1795.	3.7	28
117	Sliding mode control of singular stochastic Markov jump systems. , 2021, , 185-201.		1
118	NNs-Based Discrete-Time Command Filtered Adaptive Control for IM. Studies in Systems, Decision and Control, 2021, , 53-71.	1.0	0
119	Path Planning for Smart Car Based on Dijkstra Algorithm and Dynamic Window Approach. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	42
120	Chip Appearance Inspection Method for High-Precision SMT Equipment. Machines, 2021, 9, 34.	2.2	5
121	Statistical information based two-layer model predictive control with dynamic economy and control performance for non-Gaussian stochastic process. Journal of the Franklin Institute, 2021, 358, 2279-2300.	3.4	3
122	Dissipative output feedback control for semi-Markovian jump systems under hybrid cyber-attacks. Journal of the Franklin Institute, 2021, 358, 2683-2702.	3.4	19
123	Semiglobal Tracking Cooperative Control for Multiagent Systems With Input Saturation: A Multiple Saturation Levels Framework. IEEE Transactions on Automatic Control, 2021, 66, 1215-1222.	5.7	44
124	Adaptive neural network consensus control of multi-robot systems with output constraints. , 2021, , .		1
125	Knowledge and Data-Driven Robotic Decision Scheme for Modern Wastewater Treatment Plants. , 2021, , .		0
126	Coordinated collision avoidance for multi-vehicle systems based on collision time. IET Control Theory and Applications, 2021, 15, 1439-1450.	2.1	2

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127	Observer-Based Event-Triggered Approach for Stochastic Networked Control Systems Under Denial of Service Attacks. IEEE Transactions on Control of Network Systems, 2021, 8, 158-167.	3.7	97
128	Variational Adaptive Kalman Filter With Gaussian-Inverse-Wishart Mixture Distribution. IEEE Transactions on Automatic Control, 2021, 66, 1786-1793.	5.7	37
129	Fixed-Time Output Consensus Tracking for High-Order Multi-Agent Systems With Directed Network Topology and Packet Dropout. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 817-836.	13.1	32
130	Sliding mode control for singularly perturbed Markov jump descriptor systems with nonlinear perturbation. Automatica, 2021, 127, 109515.	5.0	76
131	Optimal linear-quadratic-Gaussian control for discrete-time linear systems with white and time-correlated measurement noises. Optimal Control Applications and Methods, 2021, 42, 1467-1486.	2.1	0
132	Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2594-2603.	5.4	23
133	Robust Formation Control for Multi-Agent Systems: A Reference Correction Based Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2616-2625.	5.4	21
134	Discretized quasi-time-dependent control for asynchronously switched systems with dynamic dwell-time. International Journal of Robust and Nonlinear Control, 2021, 31, 7219-7238.	3.7	2
135	NN-based Prediction Interval for Nonlinear Processes Controller. International Journal of Control, Automation and Systems, 2021, 19, 3239-3252.	2.7	5
136	Event-triggered adaptive leaderless consensus control for nonlinear multi-agent systems with unknown backlash-like hysteresis. International Journal of Robust and Nonlinear Control, 2021, 31, 7409-7424.	3.7	10
137	Distributed Fault Detection and Control for Markov Jump Systems Over Sensor Networks With Round-Robin Protocol. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3422-3435.	5.4	13
138	Finite-time command filtered adaptive control for nonlinear systems via immersion and invariance. Science China Information Sciences, 2021, 64, 1.	4.3	55
139	Robust Intelligent Control of SISO Nonlinear Systems Using Switching Mechanism. IEEE Transactions on Cybernetics, 2021, 51, 3975-3987.	9.5	22
140	A New Approach of Formation Control for Multi-Agent Systems With Environmental Changes. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3449-3459.	5.4	8
141	Hybrid-triggered interval type-2 fuzzy control for networked systems under attacks. Information Sciences, 2021, 567, 332-347.	6.9	48
142	Fault estimation and fault-tolerant control for linear discrete time-varying stochastic systems. Science China Information Sciences, 2021, 64, 1.	4.3	40
143	Minimum-time and minimum-triggering impulsive stabilization for multi-agent systems over finite fields. Systems and Control Letters, 2021, 155, 104991.	2.3	11
144	Cooperative Control-Based Task Assignments for Multiagent Systems With Intermittent Communication. IEEE Transactions on Industrial Informatics, 2021, 17, 6697-6708.	11.3	14

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145	A novel dual-mode robust model predictive control approach via alternating optimizations. Automatica, 2021, 133, 109857.	5.0	11
146	Dissipativity-based filter design for Markov jump systems with packet loss compensation. Automatica, 2021, 133, 109843.	5.0	25
147	Event-based Consensus Tracking for Nonlinear Multi-Agent Systems under Semi-Markov Jump Topology. IEEE Access, 2021, , 1-1.	4.2	3
148	New PID Parameter Autotuning for Nonlinear Systems Based on a Modified Monkeyâ€™Multiagent DRL Algorithm. IEEE Access, 2021, 9, 78799-78811.	4.2	11
149	Memory-Based Continuous Event-Triggered Control for Networked Tâ€™S Fuzzy Systems Against Cyberattacks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3118-3129.	9.8	71
150	Output Feedback Sliding Mode Control of Markovian Jump Systems and Its Application to Switched Boost Converter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 5134-5144.	5.4	18
151	Adaptive Tracking Control for Uncertain Cancer-Tumor-Immune Systems. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2753-2758.	3.0	6
152	Majorant-Based Control Methodology for Mechatronic and Transportation Processes. IEEE Access, 2021, 9, 157916-157939.	4.2	6
153	Decentralized Event-Triggered Output Feedback Control for Nonlinear Networked Interconnected Systems under Multiple Cyber Attacks. , 2021, , .		0
154	Sliding Mode Output Feedback Control of Markovian Jump Systems via Event-triggered Scheme. , 2021, , .		0
155	Neural-Based Hierarchical Formation Control of Mixed-Order Multi-Agent Systems. , 2021, , .		0
156	Distributed H_{∞} Estimation in Sensor Networks With Two-Channel Stochastic Attacks. IEEE Transactions on Cybernetics, 2020, 50, 465-475.	9.5	49
157	Energy Management of Fuel Cell Hybrid Vehicle Based on Partially Observable Markov Decision Process. IEEE Transactions on Control Systems Technology, 2020, 28, 318-330.	5.2	33
158	Event-based mixed H_2 and passive filtering for discrete singular stochastic systems. International Journal of Control, 2020, 93, 2407-2415.	1.9	27
159	Dissipativity-Based Control for Fuzzy Systems With Asynchronous Modes and Intermittent Measurements. IEEE Transactions on Cybernetics, 2020, 50, 2389-2399.	9.5	61
160	Reliable Filter Design of Takagiâ€™Sugeno Fuzzy Switched Systems With Imprecise Modes. IEEE Transactions on Cybernetics, 2020, 50, 1941-1951.	9.5	76
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162	Probability-triggered formation control with adaptive roles. International Journal of Control, 2020, 93, 1989-2000.	1.9	6

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