

Ligang Wu

List of Publications by Year in descending order

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330
papers

22,556
citations

6442

81
h-index

9829

143
g-index

345
all docs

345
docs citations

345
times ranked

10338
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Decentralized Control for Constrained Strong Interconnected Nonlinear Systems and Its Application to Inverted Pendulum. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-11.	12.6	16
2	On Hierarchical Multi-UAV Dubins Traveling Salesman Problem Paths in a Complex Obstacle Environment. IEEE Transactions on Cybernetics, 2024, 54, 123-135.	10.1	10
3	Improving Robustness of Intent Detection Under Adversarial Attacks: A Geometric Constraint Perspective. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 6133-6144.	12.6	1
4	Model-Based Control for Soft Robots With System Uncertainties and Input Saturation. IEEE Transactions on Industrial Electronics, 2024, 71, 7435-7444.	8.2	9
5	Beatless Control Strategy Based on Impedance Reshaping for PMSM Drives With Small DC-Link Capacitors. IEEE Transactions on Industrial Electronics, 2024, 71, 6829-6840.	8.2	1
6	Full Coverage Path Planning Recombination Framework for Unmanned Vehicles With Multi-Objective Constraints. IEEE Transactions on Industrial Electronics, 2024, 71, 9276-9286.	8.2	0
7	Task-Extended Utility Tensor Method for Decentralized Multi-Vehicle Mission Planning. IEEE Transactions on Automation Science and Engineering, 2024, , 1-13.	5.7	0
8	Multirobot Cooperative Path Optimization Approach for Multiobjective Coverage in a Congestion Risk Environment. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 1816-1827.	9.7	2
9	Distributed Secure Estimation Against Sparse False Data Injection Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 2685-2697.	9.7	1
10	Model-Free Load Frequency Control of Nonlinear Power Systems Based on Deep Reinforcement Learning. IEEE Transactions on Industrial Informatics, 2024, 20, 6825-6833.	12.1	1
11	Observer-Based Prescribed Performance Speed Control for PMSMs: A Data-Driven RBF Neural Network Approach. IEEE Transactions on Industrial Informatics, 2024, 20, 7502-7512.	12.1	0
12	Adaptive Interval Type-2 Fuzzy Neural Network-Based Novel Fixed-Time Backstepping Control for Uncertain Euler-Lagrange Systems. IEEE Transactions on Fuzzy Systems, 2024, 32, 2966-2975.	10.5	1
13	PO-SRPP: A Decentralized Pivoting Path Planning Method for Self-Reconfigurable Satellites. IEEE Transactions on Industrial Electronics, 2024, , 1-10.	8.2	0
14	Sliding-Mode Control of Neutral-Point-Clamped Power Converters With Gain Adaptation. IEEE Transactions on Power Electronics, 2024, 39, 9189-9201.	8.1	5
15	Enhancing Adversarial Transferability via Information Bottleneck Constraints. IEEE Signal Processing Letters, 2024, 31, 1414-1418.	3.7	0
16	Sliding Mode Control for NPC Converters via a Dual Layer Nested Adaptive Tuning Technique. IEEE Transactions on Industrial Informatics, 2024, , 1-11.	12.1	0
17	Multi-Port Impedance Optimization Based Harmonic Suppression Strategy for Electrolytic Capacitorless PMSM Drives. IEEE Transactions on Power Electronics, 2024, , 1-6.	8.1	0
18	EHSP: An Efficient Heuristic Sampling-Based Planner for Autonomous UAV Exploration. IEEE Sensors Journal, 2024, , 1-1.	4.8	0

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19	V2V-Based Cooperative Control of Heterogeneous CAV Platoons: An Intelligent VO-IDA Approach. IEEE Internet of Things Journal, 2024, , 1-1.	9.3	0
20	Estimating the Secret Key of Spread Spectrum Watermarking Based on Equivalent Keys. IEEE Transactions on Multimedia, 2023, 25, 2459-2473.	7.9	3
21	Tracking Control for Nonlinear Systems With Actuator Saturation via Interval Type-2 Tâ€™S Fuzzy Framework. IEEE Transactions on Cybernetics, 2023, 53, 7085-7094.	10.1	5
22	Distributed Filtering With Dynamic Event-Triggered Communication for Networked Periodic Systems. IEEE Transactions on Control of Network Systems, 2023, 10, 26-37.	4.0	6
23	Deep Reinforcement Learning Control of Fully-Constrained Cable-Driven Parallel Robots. IEEE Transactions on Industrial Electronics, 2023, 70, 7194-7204.	8.2	17
24	Quantized Distributed Gradient Tracking Algorithm With Linear Convergence in Directed Networks. IEEE Transactions on Automatic Control, 2023, 68, 5638-5645.	6.0	9
25	CNN-Transformer Based Generative Adversarial Network for Copy-Move Source/ Target Distinguishment. IEEE Transactions on Circuits and Systems for Video Technology, 2023, 33, 2019-2032.	8.7	14
26	Event-Triggered Sliding-Mode Control for Polynomial Fuzzy Singular Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 3054-3065.	9.7	6
27	Disturbance and Uncertainty Attenuation for Speed Regulation of PMSM Servo System Using Adaptive Optimal Control Strategy. IEEE Transactions on Transportation Electrification, 2023, 9, 3410-3420.	8.0	23
28	Asynchronous Sliding Mode Control Under Round-Robin Protocol-Based Event-Triggered Communication. IEEE Transactions on Control of Network Systems, 2023, 10, 1424-1435.	4.0	9
29	An FTSA Trajectory Elliptical Homotopy for Unmanned Vehicles Path Planning With Multi-Objective Constraints. IEEE Transactions on Intelligent Vehicles, 2023, 8, 2415-2425.	14.7	9
30	A Secure Robot Learning Framework for Cyber Attack Scheduling and Countermeasure. IEEE Transactions on Robotics, 2023, 39, 3722-3738.	11.3	18
31	On Deep Recurrent Reinforcement Learning for Active Visual Tracking of Space Noncooperative Objects. IEEE Robotics and Automation Letters, 2023, 8, 4418-4425.	5.2	4
32	Secure Control Against Multiplicative and Additive False Data Injection Attacks. , 2023, 1, 92-100.		3
33	Event-Based Asymptotic Tracking Control for Constrained MIMO Nonlinear Systems via a Single-Parameter Adaptation Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 7758-7768.	9.7	11
34	Event-Triggered Quantized Communication-Based Consensus in Multiagent Systems via Sliding Mode. IEEE Transactions on Cybernetics, 2022, 52, 3925-3935.	10.1	15
35	Control System Design of a Three-Phase Active Front End Using a Sliding-Mode Observer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 739-748.	9.7	19
36	Resilient Distributed Fuzzy Load Frequency Regulation for Power Systems Under Cross-Layer Random Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2022, 52, 2396-2406.	10.1	83

#	ARTICLE	IF	CITATIONS
37	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.	3.2	3
38	Control of Discrete-Time State-Delay Interval Type-2 Fuzzy Systems via Dynamic Output Feedback. IEEE Transactions on Cybernetics, 2022, 52, 4198-4208.	10.1	15
39	Sliding Mode Control of Grid-Connected Neutral-Point-Clamped Converters Via High-Gain Observer. IEEE Transactions on Industrial Electronics, 2022, 69, 4010-4021.	8.2	78
40	Observer-Based Sliding-Mode Control for Grid-Connected Power Converters Under Unbalanced Grid Conditions. IEEE Transactions on Industrial Electronics, 2022, 69, 517-527.	8.2	45
41	Adaptive Second-Order Sliding Mode Control for Grid-Connected NPC Converters With Enhanced Disturbance Rejection. IEEE Transactions on Power Electronics, 2022, 37, 206-220.	8.1	45
42	Adaptive Sliding Mode Control for Quadrotor UAVs With Input Saturation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1498-1509.	6.1	69
43	Secure Control for Cyber-Physical Systems Under Malicious Attacks. IEEE Transactions on Control of Network Systems, 2022, 9, 775-788.	4.0	31
44	Multi-Task SE-Network for Image Splicing Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4828-4840.	8.7	34
45	Fuzzy Logic System-Based Sliding-Mode Control for Three-Level NPC Converters. IEEE Transactions on Transportation Electrification, 2022, 8, 3307-3319.	8.0	11
46	Sliding Mode Control in Power Converters and Drives: A Review. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 392-406.	13.9	87
47	Reversible Data Hiding for Color Images Based on Adaptive 3D Prediction-Error Expansion and Double Deep Q-Network. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5055-5067.	8.7	10
48	Event-triggered dissipative control for 2-D switched systems. Information Sciences, 2022, 589, 802-812.	7.2	10
49	Direct Trajectory Optimization of Free-Floating Space Manipulator for Reducing Spacecraft Variation. IEEE Robotics and Automation Letters, 2022, 7, 2795-2802.	5.2	10
50	Reduced-Order Extended Dissipative Filtering for Nonlinear Systems With Sensor Saturation via Interval Type-2 Fuzzy Model. IEEE Transactions on Fuzzy Systems, 2022, 30, 5058-5064.	10.5	5
51	Sliding Mode Control of Three-Phase Two-Level Converters. Studies in Systems, Decision and Control, 2022, , 33-48.	0.0	0
52	Adaptive \mathcal{H}_∞ Control of Three-Phase Two-Level Converters. Studies in Systems, Decision and Control, 2022, , 151-168.	0.0	0
53	Dissipative filtering for two-dimensional LPV systems: A hidden Markov model approach. ISA Transactions, 2022, 130, 409-419.	6.2	6
54	Fuzzy Sliding-Mode Control for Three-Level NPC AFE Rectifiers: A Chattering Alleviation Approach. IEEE Transactions on Power Electronics, 2022, 37, 11704-11715.	8.1	25

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55	Event-based sliding mode control under denial-of-service attacks. Science China Information Sciences, 2022, 65, .	4.5	10
56	Intelligent dynamic practical-sliding-mode control for singular Markovian jump systems. Information Sciences, 2022, 607, 153-172.	7.2	17
57	Multi-UAV Synchronous Approaching Using Homotopy-Based Trajectory Planning. Research on World Agricultural Economy, 2022, 02, .	1.3	4
58	Distributed Online Optimization in Time-Varying Unbalanced Networks Without Explicit Subgradients. IEEE Transactions on Signal Processing, 2022, 70, 4047-4060.	5.6	7
59	On Trajectory Homotopy to Explore and Penetrate Dynamically of Multi-UAV. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 24008-24019.	8.4	28
60	Space Noncooperative Object Active Tracking With Deep Reinforcement Learning. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 4902-4916.	4.9	15
61	Sparse False Injection Attacks Reconstruction via Descriptor Sliding Mode Observers. IEEE Transactions on Automatic Control, 2021, 66, 5369-5376.	6.0	40
62	Hankel-Norm-Based Model Reduction for Stochastic Discrete-Time Nonlinear Systems in Interval Type-2 Tâ€“S Fuzzy Framework. IEEE Transactions on Cybernetics, 2021, 51, 4934-4943.	10.1	16
63	Dissipativity-Based Sliding-Mode Control of Cyber-Physical Systems Under Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2306-2318.	10.1	82
64	Adaptive Control for Three-Phase Power Converters With Disturbance Rejection Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 674-685.	9.7	26
65	Adaptive Type-2 FNN-Based Dynamic Sliding Mode Control of DCâ€“DC Boost Converters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2246-2257.	9.7	51
66	Zero-Sum Game-Based Optimal Secure Control Under Actuator Attacks. IEEE Transactions on Automatic Control, 2021, 66, 3773-3780.	6.0	65
67	Active resilient control for twoâ€“dimensional systems under denialâ€“ofâ€“service attacks. International Journal of Robust and Nonlinear Control, 2021, 31, 759-771.	3.8	9
68	Simplifying a shape manifold as linear manifold for shape analysis. Signal, Image and Video Processing, 2021, 15, 1003-1010.	2.8	2
69	Dissipativity-Based Filtering for Switched Genetic Regulatory Networks with Stochastic Disturbances and Time-Varying Delays. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1082-1092.	3.2	21
70	Hybrid Energy Storage Systems: Concepts, Advantages, and Applications. IEEE Industrial Electronics Magazine, 2021, 15, 74-88.	3.0	34
71	State and Output Feedback Control of Discrete-Time Periodic Systems with Dual Event-Triggering Mechanism. , 2021, , .		0
72	Learning Tracking Control for Cyberâ€“Physical Systems. IEEE Internet of Things Journal, 2021, 8, 9151-9163.	9.3	23

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73	Polytopic Event-Triggered Robust Model Predictive Control for Constrained Linear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 2594-2603.	5.8	30
74	Motion modeling and state estimation in range-Doppler plane. Aerospace Science and Technology, 2021, 115, 106792.	4.9	10
75	Event-based output feedback control of periodic systems: A piecewise impulsive method. International Journal of Robust and Nonlinear Control, 2021, 31, 7569-7586.	3.8	10
76	Credibility-based distributed frequency estimation for plug-in electric vehicles participating in load frequency control. International Journal of Electrical Power and Energy Systems, 2021, 130, 106997.	5.7	20
77	Intrusion-Detector-Dependent Distributed Economic Model Predictive Control for Load Frequency Regulation With PEVs Under Cyber Attacks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3857-3868.	5.8	44
78	Resilient Distributed Frequency Estimation for PEVs Coordinating in Load Frequency Regulation Under Cyber Attacks. , 2021, , .		4
79	Event-Triggered Continuous Control Set-Model Predictive Control for Three-Phase Power Converters. , 2021, , .		3
80	Co-Design of Distributed Model-Based Control and Event-Triggering Scheme for Load Frequency Regulation in Smart Grids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3311-3319.	9.7	40
81	Disturbance-Observer-Based Fault Tolerant Control of High-Speed Trains: A Markovian Jump System Model Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1476-1485.	9.7	83
82	Active Defense-Based Resilient Sliding Mode Control Under Denial-of-Service Attacks. IEEE Transactions on Information Forensics and Security, 2020, 15, 237-249.	7.3	105
83	State estimation and self-triggered control of CPSs against joint sensor and actuator attacks. Automatica, 2020, 113, 108687.	5.2	100
84	Resilient filtering for cyber-physical systems under denial-of-service attacks. International Journal of Robust and Nonlinear Control, 2020, 30, 1754-1769.	3.8	28
85	High-Performance Second-Order Sliding Mode Control for NPC Converters. IEEE Transactions on Industrial Informatics, 2020, 16, 5345-5356.	12.1	38
86	Advanced Control Strategies for DC-DC Buck Converters With Parametric Uncertainties via Experimental Evaluation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5257-5267.	5.8	46
87	Event-triggered interval Type-2 T-S fuzzy control for nonlinear networked systems. Journal of the Franklin Institute, 2020, 357, 9834-9852.	3.7	19
88	Credibility-based secure distributed load frequency control for power systems under false data injection attacks. IET Generation, Transmission and Distribution, 2020, 14, 3498-3507.	2.6	13
89	Finite-time control of periodic systems with event-triggering mechanisms. IET Control Theory and Applications, 2020, 14, 1012-1021.	2.2	8
90	Distributed fuzzy filtering for load frequency control of nonlinear interconnected power systems under cyber-physical attacks. IET Control Theory and Applications, 2020, 14, 527-538.	2.2	17

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91	Model reduction for discrete-time periodic systems with dissipativity. International Journal of Systems Science, 2020, 51, 522-544.	5.6	3
92	Privacy-Preserving Distributed Online Optimization Over Unbalanced Digraphs via Subgradient Rescaling. IEEE Transactions on Control of Network Systems, 2020, 7, 1366-1378.	4.0	49
93	Hankel Norm Model Reduction of Discrete-Time Interval Type-2 Tâ€‘S Fuzzy Systems With State Delay. IEEE Transactions on Fuzzy Systems, 2020, 28, 3276-3286.	10.5	8
94	Trajectory tracking control of a four mecanum wheeled mobile platform: an extended state observerâ€‘based sliding mode approach. IET Control Theory and Applications, 2020, 14, 415-426.	2.2	39
95	Eventâ€‘triggered estimation and model predictive control for linear systems with actuator fault. IET Control Theory and Applications, 2020, 14, 2406-2412.	2.2	9
96	Multi-Step Subgradient Methods for Distributed Optimization over Unbalanced Digraphs with Local Constraint Sets. , 2020, , .		0
97	Observer-Based Adaptive Sliding Mode Control of NPC Converters: An RBF Neural Network Approach. IEEE Transactions on Power Electronics, 2019, 34, 3831-3841.	8.1	132
98	Switching Stabilization for Type-2 Fuzzy Systems With Network-Induced Packet Losses. IEEE Transactions on Cybernetics, 2019, 49, 2591-2604.	10.1	19
99	Adaptive superâ€‘twisting sliding mode control of threeâ€‘phase power rectifiers in active front end applications. IET Control Theory and Applications, 2019, 13, 1483-1490.	2.2	16
100	An integral sliding mode approach to distributed control of coupled networks with measurement Quantization. Systems and Control Letters, 2019, 133, 104557.	2.3	12
101	Event-triggered sliding mode control of Markovian jump systems against input saturation. Systems and Control Letters, 2019, 134, 104525.	2.3	20
102	Model predictive control under event-triggered communication scheme for nonlinear networked systems. Journal of the Franklin Institute, 2019, 356, 2625-2644.	3.7	26
103	Interval Type-2 FNN-Based Quantized Tracking Control for Hypersonic Flight Vehicles With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-13.	9.7	54
104	Stability Analysis of Delayed GRNs. Studies in Systems, Decision and Control, 2019, , 57-80.	0.0	0
105	Stability Analysis for Delayed Switching GRNs. Studies in Systems, Decision and Control, 2019, , 81-97.	0.0	0
106	State Estimation for Delayed GRNs. Studies in Systems, Decision and Control, 2019, , 157-181.	0.0	0
107	State Estimation for Delayed Reaction-Diffusion GRNs. Studies in Systems, Decision and Control, 2019, , 197-220.	0.0	0
108	Stability Analysis for GRNs with Mixed Delays. Studies in Systems, Decision and Control, 2019, , 21-56.	0.0	0

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109	Fuzzy-Affine-Model-Based Output Feedback Dynamic Sliding Mode Controller Design of Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-10.	9.7	42
110	Event-based Distributed Filtering Approach to Nonlinear Stochastic Systems over Sensor Networks. International Journal of Control, Automation and Systems, 2019, 17, 896-906.	2.7	19
111	Stability Analysis for Delayed Reaction-Diffusion GRNs. Studies in Systems, Decision and Control, 2019, , 117-154.	0.0	0
112	Event-triggering dissipative control of switched stochastic systems via sliding mode. Automatica, 2019, 103, 261-273.	5.2	169
113	Optimal event-triggered sliding mode control for discrete-time nonlinear systems against actuator saturation. IET Control Theory and Applications, 2019, 13, 2638-2647.	2.2	9
114	Extended State Observer Based Second Order Sliding Mode Control Strategy for DC-DC Buck Converters. , 2019, , .		4
115	Disturbance-Observer-Based Composite Hierarchical Antidisturbance Control for Singular Markovian Jump Systems. IEEE Transactions on Automatic Control, 2019, 64, 2875-2882.	6.0	84
116	Fault deviation estimation and integral sliding mode control design for Lipschitz nonlinear systems. Systems and Control Letters, 2019, 123, 8-15.	2.3	67
117	Stochastic Stability Analysis and Control of Secondary Frequency Regulation for Islanded Microgrids Under Random Denial of Service Attacks. IEEE Transactions on Industrial Informatics, 2019, 15, 4066-4075.	12.1	106
118	Adaptive fault-tolerant control of air-breathing hypersonic vehicles robust to input nonlinearities. International Journal of Control, 2019, 92, 1044-1060.	2.0	35
119	Necessary and sufficient stability condition for second-order switched systems: a phase function approach. International Journal of Control, 2019, 92, 926-939.	2.0	3
120	Membership-dependent stability conditions for type-1 and interval type-2 T&S fuzzy systems. Fuzzy Sets and Systems, 2019, 356, 44-62.	3.0	56
121	Disturbance-Observer-Based Control for Air Management of PEM Fuel Cell Systems via Sliding Mode Technique. IEEE Transactions on Control Systems Technology, 2019, 27, 1129-1138.	5.4	234
122	Sliding Mode Control of a Three-Phase AC/DC Voltage Source Converter Under Unknown Load Conditions: Industry Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1771-1780.	9.7	105
123	A Piecewise-Markovian Lyapunov Approach to Reliable Output Feedback Control for Fuzzy-Affine Systems With Time-Delays and Actuator Faults. IEEE Transactions on Cybernetics, 2018, 48, 2723-2735.	10.1	89
124	Event-Triggered Fault Detector and Controller Coordinated Design of Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2004-2016.	10.5	70
125	Adaptive Control of Hypersonic Flight Vehicles With Limited Angle-of-Attack. IEEE/ASME Transactions on Mechatronics, 2018, 23, 883-894.	6.1	167
126	State estimation with a destination constraint using pseudo-measurements. Signal Processing, 2018, 145, 155-166.	3.9	23

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127	Secure Estimation for Cyber-Physical Systems via Sliding Mode. IEEE Transactions on Cybernetics, 2018, 48, 3420-3431.	10.1	107
128	Stabilisation of continuous-time switched 2D systems with all unstable modes. IET Control Theory and Applications, 2018, 12, 793-801.	2.2	8
129	State Estimation for Delayed Genetic Regulatory Networks With Reaction-Diffusion Terms. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 299-309.	12.6	108
130	Fault Detection Filtering for Nonhomogeneous Markovian Jump Systems via a Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2018, 26, 131-141.	10.5	218
131	Optimal Guaranteed Cost Sliding-Mode Control of Interval Type-2 Fuzzy Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 246-257.	10.5	184
132	Reduced- and Full-Order Observers for Delayed Genetic Regulatory Networks. IEEE Transactions on Cybernetics, 2018, 48, 1989-2000.	10.1	57
133	Quasi-Time-Dependent Output Control for Discrete-Time Switched System With Mode-Dependent Average Dwell Time. IEEE Transactions on Automatic Control, 2018, 63, 2647-2653.	6.0	126
134	Adaptive tracking control of MIMO nonlinear nonminimum phase system with unknown input nonlinearity. International Journal of Robust and Nonlinear Control, 2018, 28, 596-610.	3.8	5
135	Model Approximation for Switched Genetic Regulatory Networks. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3404-3417.	12.6	10
136	An n -Order Finite-Time State Observer for Reaction-Diffusion Genetic Regulatory Networks with Time-Varying Delays. Complexity, 2018, 2018, 1-15.	1.7	3
137	Model Reduction of Discrete-Time Interval Type-2 T α S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3545-3554.	10.5	17
138	Practical tracking control of linear motor via fractional-order sliding mode. Automatica, 2018, 94, 221-235.	5.2	227
139	Event-triggered fuzzy control of nonlinear systems with its application to inverted pendulum systems. Automatica, 2018, 94, 236-248.	5.2	168
140	Saturated sliding mode control with limited magnitude and rate. IET Control Theory and Applications, 2018, 12, 1075-1085.	2.2	27
141	Event-Triggered Control for Nonlinear Systems Under Unreliable Communication Links. IEEE Transactions on Fuzzy Systems, 2017, 25, 813-824.	10.5	136
142	Dynamic Output-Feedback Dissipative Control for T α S Fuzzy Systems With Time-Varying Input Delay and Output Constraints. IEEE Transactions on Fuzzy Systems, 2017, 25, 511-526.	10.5	207
143	Approaches to T α S Fuzzy-Affine-Model-Based Reliable Output Feedback Control for Nonlinear It \tilde{A} Stochastic Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 569-583.	10.5	180
144	Finite-Time Stability Analysis of Reaction-Diffusion Genetic Regulatory Networks with Time-Varying Delays. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2017, 14, 868-879.	3.2	50

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145	Event-Triggered Fault Detection of Nonlinear Networked Systems. IEEE Transactions on Cybernetics, 2017, 47, 1041-1052.	10.1	304
146	Reliable Filter Design for Sensor Networks Using Type-2 Fuzzy Framework. IEEE Transactions on Industrial Informatics, 2017, 13, 1742-1752.	12.1	165
147	A general subspace ensemble learning framework via totally-corrective boosting and tensor-based and local patch-based extensions for gait recognition. Pattern Recognition, 2017, 66, 280-294.	8.5	13
148	Sliding mode fault-tolerant control of uncertain system: A delta operator approach. International Journal of Robust and Nonlinear Control, 2017, 27, 4173-4187.	3.8	26
149	Sliding mode control for semi-Markovian jump systems via output feedback. Automatica, 2017, 81, 133-141.	5.2	264
150	Adaptive Fuzzy Control for Nonlinear Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2420-2430.	9.7	155
151	Event-triggered sliding mode control of stochastic systems via output feedback. Automatica, 2017, 82, 79-92.	5.2	472
152	Quasi-time-dependent control for 2-D switched systems with actuator saturation. Information Sciences, 2017, 408, 115-128.	7.2	26
153	Adaptive sliding mode control of nonlinear non-minimum phase system with input delay. IET Control Theory and Applications, 2017, 11, 1153-1161.	2.2	17
154	Asynchronous control for 2-D switched systems with mode-dependent average dwell time. Automatica, 2017, 79, 198-206.	5.2	118
155	Multiple-integral inequalities to stability analysis of linear time-delay systems. Journal of the Franklin Institute, 2017, 354, 1446-1463.	3.7	9
156	Subspace ensemble learning via totally-corrective boosting for gait recognition. Neurocomputing, 2017, 224, 119-127.	6.2	8
157	Dynamic Output Feedback Control of Switched Repeated Scalar Nonlinear Systems. Circuits, Systems, and Signal Processing, 2017, 36, 3206-3221.	2.1	2
158	Static anti-windup design for nonlinear Markovian jump systems with multiple disturbances. Information Sciences, 2017, 418-419, 169-183.	7.2	35
159	Integral sliding mode control design for nonlinear stochastic systems under imperfect quantization. Science China Information Sciences, 2017, 60, 1.	4.5	19
160	Adaptive sliding mode control for spacecraft rendezvous in near-circular orbits with time-varying saturation constraint. , 2017, , .		6
161	Stability Analysis of Genetic Regulatory Networks With Switching Parameters and Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	12.6	35
162	Observer-Based Adaptive Fault-Tolerant Tracking Control of Nonlinear Nonstrict-Feedback Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-12.	12.6	89

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163	Passive Filtering for Delayed Neutral-Type Semi-Markovian Jump Systems. <i>Studies in Systems, Decision and Control</i> , 2017, , 103-131.	0.0	0
164	A Novel Approach to Reliable Control of Piecewise Affine Systems With Actuator Faults. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 957-961.	3.2	79
165	A Structure Simple Controller for Satellite Attitude Tracking Maneuver. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 1436-1446.	8.2	118
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167	Reachable Set Estimation of T-S Fuzzy Systems With Time-Varying Delay. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 878-891.	10.5	101
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