

Changyun Wen

List of Publications by Year in descending order

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529
papers

23,556
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532
docs citations

532
times ranked

9882
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Practical Prescribed Time Output Feedback Neuroadaptive Tracking Control Under Saturated Actuation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4717-4727.	11.3	25
2	A Hierarchical Security Control Framework of Nonlinear CPSs Against DoS Attacks With Application to Power Sharing of AC Microgrids. IEEE Transactions on Cybernetics, 2022, 52, 5255-5266.	9.5	16
3	Adaptive Consensus Control for Nonlinear Multiagent Systems With Unknown Control Directions Using Event-Triggered Communication. IEEE Transactions on Cybernetics, 2022, 52, 3057-3068.	9.5	18
4	Resilient Cooperative Control for Networked Lagrangian Systems Against DoS Attacks. IEEE Transactions on Cybernetics, 2022, 52, 836-848.	9.5	19
5	Distributed Observer-Based Cooperative Control Approach for Uncertain Nonlinear MASs Under Event-Triggered Communication. IEEE Transactions on Automatic Control, 2022, 67, 2669-2676.	5.7	142
6	Adaptive Resilient Secondary Control for Microgrids With Communication Faults. IEEE Transactions on Cybernetics, 2022, 52, 8493-8503.	9.5	23
7	Training Deep Neural Network for Optimal Power Allocation in Islanded Microgrid Systems: A Distributed Learning-Based Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2057-2069.	11.3	20
8	Distributed Voltage Regulation for Low-Voltage and High-PV-Penetration Networks With Battery Energy Storage Systems Subject to Communication Delay. IEEE Transactions on Control Systems Technology, 2022, 30, 426-433.	5.2	17
9	Adaptive Bearing-Only Formation Tracking Control for Nonholonomic Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 7552-7562.	9.5	24
10	Feature flow: In-network feature flow estimation for video object detection. Pattern Recognition, 2022, 122, 108323.	8.1	5
11	Finite-Dimensional Sampled-Data Control of Fractional-Order Systems. , 2022, 6, 181-186.		6
12	Backstepping-Based Adaptive Control of a Class of Uncertain Incommensurate Fractional-Order Nonlinear Systems With External Disturbance. IEEE Transactions on Industrial Electronics, 2022, 69, 4087-4095.	7.9	23
13	A Distributed Lyapunov-Based Redesign Approach for Heterogeneous Uncertain Agents With Cooperation and Competition Interactions. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6946-6960.	11.3	7
14	E ² Net: An Ensembling Deep Neural Network for Solving Nonconvex Economic Dispatch in Smart Grid. IEEE Transactions on Industrial Informatics, 2022, 18, 3066-3076.	11.3	11
15	Output feedback based adaptive consensus tracking for uncertain heterogeneous multi-agent systems with event-triggered communication. Automatica, 2022, 136, 110049.	5.0	30
16	Distributed Resilient Secondary Control for DC Microgrids Against Heterogeneous Communication Delays and DoS Attacks. IEEE Transactions on Industrial Electronics, 2022, 69, 11560-11568.	7.9	68
17	Deep Joint Demosaicing and High Dynamic Range Imaging Within a Single Shot. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4255-4270.	8.3	13
18	Decentralized adaptive control of uncertain interconnected systems with triggering state signals. Automatica, 2022, 141, 110283.	5.0	20

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19	Solving Specified-Time Distributed Optimization Problem via Sampled-Data-Based Algorithm. IEEE Transactions on Network Science and Engineering, 2022, 9, 2747-2758.	6.4	10
20	Linear Quadratic Optimal Control of Time-Invariant Linear Networks With Selectable Input Matrix. IEEE Transactions on Cybernetics, 2021, 51, 4743-4754.	9.5	5
21	Adaptive Multi-Feature Reliability Re-Determinative Correlation Filter for Visual Tracking. IEEE Transactions on Multimedia, 2021, 23, 3841-3852.	7.2	5
22	Bearing-Based Adaptive Neural Formation Scaling Control for Autonomous Surface Vehicles With Uncertainties and Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4653-4664.	11.3	34
23	Adaptive Backstepping Control for Fractional-Order Nonlinear Systems With External Disturbance and Uncertain Parameters Using Smooth Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7860-7869.	9.3	39
24	Adaptive Formation Control of Networked Robotic Systems With Bearing-Only Measurements. IEEE Transactions on Cybernetics, 2021, 51, 199-209.	9.5	82
25	MAS-Based Distributed Resilient Control for a Class of Cyber-Physical Systems With Communication Delays Under DoS Attacks. IEEE Transactions on Cybernetics, 2021, 51, 2347-2358.	9.5	52
26	Distributed Resilient Control for Energy Storage Systems in Cyber-Physical Microgrids. IEEE Transactions on Industrial Informatics, 2021, 17, 1331-1341.	11.3	96
27	Sampled-Data Control Based Consensus of Fractional-Order Multi-Agent Systems. , 2021, 5, 133-138.		15
28	Target Controllability in Multilayer Networks via Minimum-Cost Maximum-Flow Method. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1949-1962.	11.3	8
29	Key Nodes Selection in Controlling Complex Networks via Convex Optimization. IEEE Transactions on Cybernetics, 2021, 51, 52-63.	9.5	6
30	Attitude Coordination Control for Spacecraft With Disturbances and Event-Triggered Communication. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 586-596.	4.7	23
31	Adaptive Decentralized Output-Feedback Control Dealing With Static/Dynamic Interactions and Different-Unknown Subsystem Control Directions. IEEE Transactions on Automatic Control, 2021, 66, 3818-3824.	5.7	19
32	Voltage Restoration and Adjustable Current Sharing for DC Microgrid With Time Delay via Distributed Secondary Control. IEEE Transactions on Sustainable Energy, 2021, 12, 1068-1077.	8.8	38
33	Resilient Impulsive Control for Second-Order Consensus Under Malicious Nodes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1962-1966.	3.0	8
34	Distributed Event-Triggered Control for Frequency Restoration and Active Power Allocation in Microgrids With Varying Communication Time Delays. IEEE Transactions on Industrial Electronics, 2021, 68, 8367-8378.	7.9	43
35	An Accelerated Distributed Gradient-Based Algorithm for Constrained Optimization With Application to Economic Dispatch in a Large-Scale Power System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2041-2053.	9.3	29
36	Distributed Optimal Consensus Control for a Class of Uncertain Nonlinear Multiagent Networks With Disturbance Rejection Using Adaptive Technique. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4389-4399.	9.3	71

#	ARTICLE	IF	CITATIONS
37	A Unified Event-Triggered Control Approach for Uncertain Pure-Feedback Systems With or Without State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 1262-1271.	9.5	75
38	Event-Triggered Model Predictive Control for Power Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 715-720.	7.9	49
39	Composite-Bisection Predictive Control to Stabilize and Indirectly Regulate Downstream Load Inverters Cascaded with LC Input Filters in the SPS. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, , 1-1.	5.4	4
40	Adaptive stabilization for a reactionâ€“diffusion equation with uncertain nonlinear actuator dynamics. Automatica, 2021, 128, 109594.	5.0	11
41	Feasibility verification of a MILP model by outer approximation for the optimal operation of natural gas networks. , 2021, , .		1
42	Optimal coordinated operation of integrated natural gas and electric power systems: A review of modeling and solution methods. Renewable and Sustainable Energy Reviews, 2021, 145, 111134.	16.4	32
43	Resilience for Communication Faults in Reactive Power Sharing of Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 2788-2799.	9.0	13
44	Push-Based Distributed Economic Dispatch in Smart Grids Over Time-Varying Unbalanced Directed Graphs. IEEE Transactions on Smart Grid, 2021, 12, 3185-3199.	9.0	23
45	Weighting Factors' Real-time Updating for Finite Control Set Model Predictive Control of Power Converters via Reinforcement Learning. , 2021, , .		5
46	Distributed Resilient Optimal Current Sharing Control for an Islanded DC Microgrid Under DoS Attacks. IEEE Transactions on Smart Grid, 2021, 12, 4494-4505.	9.0	32
47	SCENS: Simultaneous Contrast Enhancement and Noise Suppression for Low-Light Images. IEEE Transactions on Industrial Electronics, 2021, 68, 8687-8697.	7.9	16
48	Resilient Control and Analysis for DC Microgrid System Under DoS and Impulsive FDI Attacks. IEEE Transactions on Smart Grid, 2021, 12, 3742-3754.	9.0	76
49	Adaptive Consensus Control for Nonlinear Multiagent Systems With Unknown Control Directions and Time-Varying Actuator Faults. IEEE Transactions on Automatic Control, 2021, 66, 4222-4229.	5.7	44
50	Resilient leader tracking for networked Lagrangian systems under DoS attacks. Information Sciences, 2021, 577, 622-637.	6.9	11
51	An Alternative Learning-Based Approach for Economic Dispatch in Smart Grid. IEEE Internet of Things Journal, 2021, 8, 15024-15036.	8.7	12
52	Resilient output regulation in heterogeneous networked systems under Byzantine agents. Automatica, 2021, 133, 109872.	5.0	38
53	Adaptive backstepping based consensus tracking of uncertain nonlinear systems with event-triggered communication. Automatica, 2021, 133, 109841.	5.0	47
54	Distributed Successive Convex Approximation for Nonconvex Economic Dispatch in Smart Grid. IEEE Transactions on Industrial Informatics, 2021, 17, 8288-8298.	11.3	8

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55	Tri-freedom Bisection Algorithm for OSV MPC of Three-phase Inverters to Improve Power Quality. , 2021, , .		0
56	Nonsmooth Decentralized Stabilization for Interconnected Systems Subject to Strongly Coupled Uncertain Interactions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2685-2692.	9.3	5
57	Realization of Exact Tracking Control for Nonlinear Systems via a Nonrecursive Dynamic Design. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 577-589.	9.3	13
58	Distributed Secure State Estimation and Control for CPSs Under Sensor Attacks. IEEE Transactions on Cybernetics, 2020, 50, 259-269.	9.5	57
59	Adaptive Event-Triggered Control of Nonlinear Systems With Controller and Parameter Estimator Triggering. IEEE Transactions on Automatic Control, 2020, 65, 318-324.	5.7	145
60	Event-Triggered Adaptive Attitude Tracking Control for Spacecraft With Unknown Actuator Faults. IEEE Transactions on Industrial Electronics, 2020, 67, 2241-2250.	7.9	121
61	Adaptive Neural Network Control for a Class of Nonlinear Systems With Unknown Control Direction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4708-4718.	9.3	10
62	Multivariable adaptive control with unknown signs of the high-frequency gain matrix using novel Nussbaum functions. Automatica, 2020, 111, 108618.	5.0	20
63	Pre-processing nonlinear output regulation with non-vanishing measurements. Automatica, 2020, 111, 108616.	5.0	16
64	Parallel alternating direction method of multipliers. Information Sciences, 2020, 507, 185-196.	6.9	15
65	Event-triggered adaptive neural network controller for uncertain nonlinear system. Information Sciences, 2020, 506, 148-160.	6.9	42
66	Distributed Voltage Restoration and Current Sharing Control in Islanded DC Microgrid Systems Without Continuous Communication. IEEE Transactions on Industrial Electronics, 2020, 67, 3043-3053.	7.9	110
67	Event-Triggered Adaptive Control for a Class of Nonlinear Systems With Unknown Control Direction and Sensor Faults. IEEE Transactions on Automatic Control, 2020, 65, 763-770.	5.7	86
68	Robust output regulation for a class of nonlinear systems not detectable by the regulated output. European Journal of Control, 2020, 52, 26-33.	2.6	1
69	Adaptive consensus of uncertain nonlinear systems with event triggered communication and intermittent actuator faults. Automatica, 2020, 111, 108667.	5.0	91
70	Two-Stage Parameter Design Methodology of a Generalized Resonant DC Transformer in Hybrid AC/DC Microgrid With Optimum Active Power Transmission. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2020, 8, 2313-2325.	5.4	16
71	Asymptotic Parking of General Two-Trailer Systems Leveraging Singularity. IEEE Transactions on Industrial Electronics, 2020, 67, 7798-7807.	7.9	8
72	Adaptive estimator-based formation maneuvering control of nonholonomic mobile robots. International Journal of Adaptive Control and Signal Processing, 2020, 34, 199-209.	4.1	5

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73	An adaptive control strategy for indoor leader-following of wheeled mobile robot. Journal of the Franklin Institute, 2020, 357, 2131-2148.	3.4	5
74	Sparsity-Inspired Optimal Topology Control of Complex Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 1825-1839.	6.4	5
75	Recent advances in distributed adaptive consensus control of uncertain nonlinear multi-agent systems. Journal of Control and Decision, 2020, 7, 44-63.	1.6	21
76	Prespecifiable fixed-time control for a class of uncertain nonlinear systems in strict-feedback form. International Journal of Robust and Nonlinear Control, 2020, 30, 1203-1222.	3.7	48
77	Robust Cooperative Output Regulation of Heterogeneous Uncertain Linear Multiagent Systems With Time-Varying Communication Topologies. IEEE Transactions on Automatic Control, 2020, 65, 4340-4347.	5.7	12
78	Exponential stability of singularly perturbed switched systems with all modes being unstable. Automatica, 2020, 113, 108800.	5.0	33
79	Attack Detection and Isolation for Distributed Load Shedding Algorithm in Microgrid Systems. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2020, 1, 102-110.	3.9	15
80	Fast finite-time adaptive stabilization of high-order uncertain nonlinear system with an asymmetric output constraint. Automatica, 2020, 121, 109170.	5.0	48
81	Motion Context Network for Weakly Supervised Object Detection in Videos. IEEE Signal Processing Letters, 2020, 27, 1864-1868.	3.6	1
82	Resilient Containment Control in Adversarial Environment. IEEE Transactions on Control of Network Systems, 2020, 7, 1951-1959.	3.7	5
83	Constrained Consensus-based Iterative Algorithm for Economic Dispatch in Power Systems. , 2020, , .		2
84	Distributed Nonconvex Economic Dispatch Algorithm for Large-scale Power System*. , 2020, , .		0
85	Distributed adaptive leader-follower and leaderless consensus control of a class of strict-feedback nonlinear systems: a unified approach. Automatica, 2020, 118, 109021.	5.0	102
86	Robust Event-Triggered Dynamic Average Consensus Against Communication Link Failures With Application to Battery Control. IEEE Transactions on Control of Network Systems, 2020, 7, 1559-1570.	3.7	19
87	Event-triggered tracking control for nonlinear systems subject to time-varying external disturbances. Automatica, 2020, 119, 109070.	5.0	35
88	Output-feedback adaptive control for a class of MIMO nonlinear systems with actuator and sensor faults. Journal of the Franklin Institute, 2020, 357, 7962-7982.	3.4	13
89	False data injection against state estimation in power systems with multiple cooperative attackers. ISA Transactions, 2020, 101, 225-233.	5.7	20
90	Distributed Resilient Observer-Based Fault-Tolerant Control for Heterogeneous Multiagent Systems Under Actuator Faults and DoS Attacks. IEEE Transactions on Control of Network Systems, 2020, 7, 1308-1318.	3.7	172

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91	Output feedback control for constrained pure-feedback systems: A non-recursive and transformational observer based approach. <i>Automatica</i> , 2020, 113, 108789.	5.0	21
92	Target Control of Directed Networks based on Network Flow Problems. <i>IEEE Transactions on Control of Network Systems</i> , 2020, 7, 673-685.	3.7	8
93	Distributed voltage restoration and power allocation control in islanded DC microgrids. , 2020, , 29-58.		0
94	Global stabilization of lower-triangular nonlinear systems with delayed input and delayed state. <i>Journal of the Franklin Institute</i> , 2020, 357, 5720-5734.	3.4	4
95	Adaptive Secure Control of Uncertain Second-order Nonlinear Cyber-physical System Against Intermittent DoS Attacks. , 2020, , .		1
96	Smooth Adaptive Leader-Following Consensus Control for Uncertain Fractional-Order Nonlinear Multi-Agent Systems with Time-Varying Reference. , 2020, , .		0
97	A "Safe Kernel" Approach for Resilient Multi-Dimensional Consensus. <i>IFAC-PapersOnLine</i> , 2020, 53, 2507-2512.	0.9	5
98	Self-triggered Control for Nonlinear Systems: A New Design Scenario From the Control Signal Perspective. , 2020, , .		0
99	Cooperative Semiglobal Robust Output Regulation of Non-Introspective Nonlinear Agents With Partial Normal Form and State-Dependent High-Frequency Gain. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 388-402.	3.7	5
100	Real-Time Event-Triggered Object Tracking in the Presence of Model Drift and Occlusion. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 2054-2065.	7.9	38
101	UWB/LiDAR Fusion For Cooperative Range-Only SLAM. , 2019, , .		52
102	Practical tracking control of perturbed uncertain nonaffine systems with full state constraints. <i>Automatica</i> , 2019, 110, 108608.	5.0	79
103	Generalized Reciprocal Collision Avoidance for Non-holonomic Robots. , 2019, , .		5
104	Prescribed performance control of strict-feedback systems under actuation saturation and output constraint via event-triggered approach. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 6357-6373.	3.7	31
105	Improved Adaptive Hybrid Compensation for Compound Faults of Non-Gaussian Stochastic Systems. <i>IEEE Access</i> , 2019, 7, 51284-51294.	4.2	8
106	Sensor cascading fault estimation and control for hypersonic flight vehicles based on a multidimensional generalized observer. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3027-3041.	3.7	6
107	Distributed adaptive control for distance-based formation and flocking control of multi-agent systems. <i>IET Control Theory and Applications</i> , 2019, 13, 878-885.	2.1	26
108	Adaptive Backstepping Control of Nonlinear Uncertain Systems With Quantized States. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 4756-4763.	5.7	130

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109	Global Adaptive Finite-Time Stabilization of Uncertain Time-Varying p -Normal Nonlinear Systems Without Homogeneous Growth Nonlinearity Restriction. IEEE Transactions on Automatic Control, 2019, 64, 4637-4644.	5.7	20
110	Decentralized Communication-free Secondary Voltage Restoration and Current Sharing Control for Islanded DC Microgrids. , 2019, , .		3
111	Adaptive Minimum-Entropy Hybrid Compensation for Compound Faults of Non-Gaussian Stochastic Systems. IEEE Access, 2019, 7, 120695-120707.	4.2	2
112	Robust Loop Closure Detection based on Bag of SuperPoints and Graph Verification. , 2019, , .		21
113	Event-triggered robust adaptive control for discrete time uncertain systems with unmodelled dynamics and disturbances. IET Control Theory and Applications, 2019, 13, 3124-3131.	2.1	1
114	Distributed Adaptive Backstepping Secondary Control for Voltage Restoration in Islanded AC Microgrids. , 2019, , .		1
115	Towards a polynomial algorithm for optimal contraction sequence of tensor networks from trees. Physical Review E, 2019, 100, 043309.	2.1	3
116	Decentralized Secondary Frequency Restoration and Power Sharing Control in Islanded Microgrid Systems. , 2019, , .		2
117	Controllability of impulsive singularly perturbed systems and its application to a class of multiplex networks. Nonlinear Analysis: Hybrid Systems, 2019, 31, 123-134.	3.5	12
118	Second-Order Continuous-Time Algorithm for Optimal Resource Allocation in Power Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 626-637.	11.3	65
119	An Energy Efficient Power Management Solution for a Fault-Tolerant More Electric Engine/Aircraft. IEEE Transactions on Industrial Electronics, 2019, 66, 5663-5675.	7.9	30
120	Allocating Minimum Number of Leaders for Seeking Consensus over Directed Networks with Time-varying Nonlinear Multi-agents. International Journal of Control, Automation and Systems, 2019, 17, 57-68.	2.7	1
121	Robust cooperative output regulation of uncertain linear multi-agent systems not detectable by regulated output. Automatica, 2019, 101, 309-317.	5.0	20
122	Minimum Cost Control of Directed Networks With Selectable Control Inputs. IEEE Transactions on Cybernetics, 2019, 49, 4431-4440.	9.5	8
123	A Novel Composite Nonlinear Controller for Stabilization of Constant Power Load in DC Microgrid. IEEE Transactions on Smart Grid, 2019, 10, 752-761.	9.0	239
124	Implementation of Bidirectional Resonant DC Transformer in Hybrid AC/DC Micro-Grid. IEEE Transactions on Smart Grid, 2019, 10, 1532-1542.	9.0	72
125	Controlling Directed Networks With Evolving Topologies. IEEE Transactions on Control of Network Systems, 2019, 6, 176-190.	3.7	4
126	Event-Triggered Output Feedback Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2019, 64, 290-297.	5.7	254

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127	Game theoretical security detection strategy for networked systems. Information Sciences, 2018, 453, 346-363.	6.9	25
128	Finite time attack detection and supervised secure state estimation for CPSs with malicious adversaries. Information Sciences, 2018, 451-452, 67-82.	6.9	25
129	Edge-preserving smoothing pyramid based multi-scale exposure fusion. Journal of Visual Communication and Image Representation, 2018, 53, 235-244.	2.8	42
130	Global Exponential/Finite-Time Stability of Nonlinear Adaptive Switching Systems With Applications in Controlling Systems With Unknown Control Direction. IEEE Transactions on Automatic Control, 2018, 63, 2738-2744.	5.7	51
131	Intelligent Detail Enhancement for Exposure Fusion. IEEE Transactions on Multimedia, 2018, 20, 484-495.	7.2	66
132	Region-based prescriptive route guidance for travelers of multiple classes. Transportation Research Part C: Emerging Technologies, 2018, 87, 138-158.	7.6	13
133	A Direct Power Control Strategy for AC/DC Converter Based on Best Switching State Approach. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 2273-2286.	5.4	38
134	Adaptive control of a class of strict-feedback time-varying nonlinear systems with unknown control coefficients. Automatica, 2018, 93, 98-105.	5.0	122
135	Fully Distributed Adaptive Consensus Control of a Class of High-Order Nonlinear Systems With a Directed Topology and Unknown Control Directions. IEEE Transactions on Cybernetics, 2018, 48, 2349-2356.	9.5	85
136	Distributed Secondary Control for Power Allocation and Voltage Restoration in Islanded DC Microgrids. IEEE Transactions on Sustainable Energy, 2018, 9, 1857-1869.	8.8	170
137	A Nonsmooth Composite Control Design Framework for Nonlinear Systems With Mismatched Disturbances: Algorithms and Experimental Tests. IEEE Transactions on Industrial Electronics, 2018, 65, 8828-8839.	7.9	42
138	Enabling Controlling Complex Networks with Local Topological Information. Scientific Reports, 2018, 8, 4593.	3.3	19
139	Local Inverse Tone Mapping for Scalable High Dynamic Range Image Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 550-555.	8.3	21
140	Distributed Adaptive Containment Control for a Class of Nonlinear Multiagent Systems With Input Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2419-2428.	11.3	42
141	Adaptive inverse compensation for actuator backlash with piecewise time-varying parameters. International Journal of Control, 2018, 91, 337-345.	1.9	14
142	Key nodes selection problem for minimum cost control of directed networks. Optimal Control Applications and Methods, 2018, 39, 95-113.	2.1	0
143	Improved adaptive fault-tolerant control design for hypersonic vehicle based on interval type-2 Takagi-Sugeno model. International Journal of Robust and Nonlinear Control, 2018, 28, 1097-1115.	3.7	17
144	Hierarchical Decentralized Optimization Architecture for Economic Dispatch: A New Approach for Large-Scale Power System. IEEE Transactions on Industrial Informatics, 2018, 14, 523-534.	11.3	60

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145	Adaptive compensation for infinite number of actuator failures based on tuning function approach. Automatica, 2018, 87, 365-374.	5.0	56
146	Fault Tolerant More Electric Engine/Aircraft Architecture with Integrated Condition-Based Control. , 2018, , .		1
147	Reciprocal Collision Avoidance for Nonholonomic Mobile Robots. , 2018, , .		5
148	Stability Analysis of the Electrical Power Generation System for a More Electric Aircraft. , 2018, , .		1
149	Design of the Power Management System for Electrical Power Systems in More Electric Engine / Aircraft. , 2018, , .		4
150	Output Regulation of Multivariable Nonlinear Systems Using Extra Outputs. IFAC-PapersOnLine, 2018, 51, 13-18.	0.9	3
151	Pre-Processing Nonlinear Output Regulation with Non Vanishing Measurements. , 2018, , .		3
152	Robust Output Regulation for a Class of Nonlinear Systems not Detectable by Regulated Out. , 2018, , .		1
153	Towards a Unified Framework of Matrix Derivatives. IEEE Access, 2018, 6, 47922-47934.	4.2	0
154	A Dynamic Window Approach with Collision Suppression Cone for Avoidance of Moving Obstacles. , 2018, , .		5
155	Adaptive control of uncertain nonlinear systems with quantized input signal. Automatica, 2018, 95, 152-162.	5.0	133
156	A non-recursive $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">\rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi mathvariant="script"} \rangle C \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ adaptive stabilization methodology for nonlinearly parameterized uncertain nonlinear systems. Journal of the Franklin Institute, 2018, 355, 5099-5113.	3.4	8
157	Optimization on matrix manifold based on gradient information and its applications in network control. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 481-500.	2.6	4
158	Event-triggered adaptive control for a class of discrete-time uncertain nonlinear systems. , 2018, , .		1
159	Event-triggered control for stochastic nonlinear systems. Automatica, 2018, 95, 534-538.	5.0	58
160	Observer-Based Adaptive NN Control for a Class of Uncertain Nonlinear Systems With Nonsymmetric Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1520-1530.	11.3	80
161	Adaptive Actuator Failure Compensation for a Class of Nonlinear Systems With Unknown Control Direction. IEEE Transactions on Automatic Control, 2017, 62, 385-392.	5.7	151
162	Adaptive Fault-Tolerant PI Tracking Control With Guaranteed Transient and Steady-State Performance. IEEE Transactions on Automatic Control, 2017, 62, 481-487.	5.7	118

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163	Detail-Enhanced Multi-Scale Exposure Fusion. IEEE Transactions on Image Processing, 2017, 26, 1243-1252.	9.8	129
164	A distributed hierarchical algorithm for multi-cluster constrained optimization. Automatica, 2017, 77, 230-238.	5.0	35
165	Distributed adaptive asymptotically consensus tracking control of nonlinear multi-agent systems with unknown parameters and uncertain disturbances. Automatica, 2017, 77, 133-142.	5.0	249
166	Robust Adaptive Fault-Tolerant PID Control of MIMO Nonlinear Systems With Unknown Control Direction. IEEE Transactions on Industrial Electronics, 2017, 64, 4876-4884.	7.9	103
167	Adaptive compensation for infinite number of actuator failures/faults using output feedback control. Information Sciences, 2017, 399, 1-12.	6.9	31
168	A Module-Based Approach for Stability Analysis of Complex More-Electric Aircraft Power System. IEEE Transactions on Transportation Electrification, 2017, 3, 901-919.	7.8	27
169	Decentralized adaptive tracking control for a class of interconnected nonlinear systems with input quantization. Automatica, 2017, 81, 359-368.	5.0	118
170	A Decentralized Control Strategy for Economic Operation of Autonomous AC, DC, and Hybrid AC/DC Microgrids. IEEE Transactions on Energy Conversion, 2017, 32, 1345-1355.	5.2	87
171	Output feedback adaptive consensus tracking control for a class of high-order nonlinear multi-agent systems. International Journal of Robust and Nonlinear Control, 2017, 27, 4931-4948.	3.7	23
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