

Xinghuo Yu

List of Publications by Year in descending order

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775
papers

36,699
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3159

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4432

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docs citations

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16609
citing authors

#	ARTICLE	IF	CITATIONS
1	Free-will Arbitrary Time Terminal Sliding Mode Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2024, , 1-1.	3.0	19
2	Accelerated Learning Control for Point-to-Point Tracking Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1265-1277.	11.3	3
3	Batch-Based Learning Consensus of Multiagent Systems With Faded Neighborhood Information. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2965-2977.	11.3	2
4	Sliding-Mode-Based Robust Output Regulation and Its Application in PMSM Servo Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 1852-1860.	7.9	14
5	Practical Terminal Sliding-Mode Control and Its Applications in Servo Systems. IEEE Transactions on Industrial Electronics, 2023, 70, 752-761.	7.9	28
6	Ensemble Classification Model for EV Identification From Smart Meter Recordings. IEEE Transactions on Industrial Informatics, 2023, 19, 3274-3283.	11.3	4
7	Finite-Time Convergent Primal-Dual Gradient Dynamics With Applications to Distributed Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3240-3252.	9.5	2
8	Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. IEEE Transactions on Cybernetics, 2022, 52, 2149-2162.	9.5	47
9	Designing Event-Triggered Observers for Distributed Tracking Consensus of Higher-Order Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 3302-3313.	9.5	14
10	Learning Tracking Over Unknown Fading Channels Based on Iterative Estimation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 48-60.	11.3	10
11	Free-Will Arbitrary Time Consensus for Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 4636-4646.	9.5	31
12	Synchronization of Complex Networks With Nondifferentiable Time-Varying Delay. IEEE Transactions on Cybernetics, 2022, 52, 3342-3348.	9.5	13
13	Unified Stability Analysis for It \hat{A} Stochastic Systems: From Almost Surely Asymptotic to Finite-Time Convergence. IEEE Transactions on Automatic Control, 2022, 67, 406-412.	5.7	13
14	Adaptive Second-Order Sliding Mode Control: A Lyapunov Approach. IEEE Transactions on Automatic Control, 2022, 67, 5392-5399.	5.7	50
15	Artificial Delayed Output Twisting Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1079-1083.	3.0	0
16	Blockchain: What Does It Mean to Industrial Electronics?: Technologies, Challenges, and Opportunities. IEEE Industrial Electronics Magazine, 2022, 16, 4-14.	2.6	6
17	Resilient Consensus of Multiagent Systems Under Malicious Attacks: Appointed-Time Observer-Based Approach. IEEE Transactions on Cybernetics, 2022, 52, 10187-10199.	9.5	25
18	Sliding Mode Control of Networked Control Systems: An Auxiliary Matrices-Based Approach. IEEE Transactions on Automatic Control, 2022, 67, 3574-3581.	5.7	22

#	ARTICLE	IF	CITATIONS
19	Robust Distributed Average Tracking for Disturbed Second-Order Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3187-3199.	9.3	15
20	Resilient Consensus of Higher Order Multiagent Networks: An Attack Isolation-Based Approach. IEEE Transactions on Automatic Control, 2022, 67, 1001-1007.	5.7	28
21	Settling Time Estimation in Synchronization of Impulsive Networks With Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2386-2397.	9.3	6
22	Parameter Estimation of Vehicle Batteries in V2G Systems: An Exogenous Function-Based Approach. IEEE Transactions on Industrial Electronics, 2022, 69, 9535-9546.	7.9	16
23	Vulnerability Assessment for Coupled Network Consisting of Power Grid and EV Traffic Network. IEEE Transactions on Smart Grid, 2022, 13, 589-598.	9.0	21
24	Fully Distributed Adaptive NN-Based Consensus Protocol for Nonlinear MASs: An Attack-Free Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1561-1570.	11.3	17
25	Sliding-Mode Control of Uncertain Time-Varying Systems With State Delays: A Non-Negative Constraints Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1516-1524.	9.3	5
26	Distributed Stabilization of Heterogeneous MASs in Uncertain Strong-Weak Competition Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1755-1767.	9.3	18
27	Resilient Event-Triggered Control Strategies for Second-Order Consensus. IEEE Transactions on Automatic Control, 2022, 67, 4226-4233.	5.7	29
28	A Super-Twisting-Like Fractional Controller for SPMSM Drive System. IEEE Transactions on Industrial Electronics, 2022, 69, 9376-9384.	7.9	57
29	Frequency-Response of Non-Singular Terminal Sliding Mode Control With Actuators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1392-1396.	3.0	1
30	Price-Based Residential Demand Response Management in Smart Grids: A Reinforcement Learning-Based Approach. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 123-134.	13.1	33
31	Distributed Time-Varying Optimization of Second-Order Multiagent Systems Under Limited Interaction Ranges. IEEE Transactions on Cybernetics, 2022, 52, 13874-13886.	9.5	9
32	Distributed Optimal Cooperation for Multiple High-Order Nonlinear Systems With Lipschitz-Type Gradients: Static and Adaptive State-Dependent Designs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5378-5388.	9.3	2
33	Delta-Operator-Based Reaching Laws for Sliding Mode Control Design. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2136-2140.	3.0	6
34	Free-Will Arbitrary Time Terminal Sliding Mode Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3189-3193.	3.0	7
35	Nonsmooth Observer-Based Sensorless Speed Control for Permanent Magnet Synchronous Motor. IEEE Transactions on Industrial Electronics, 2022, 69, 13514-13523.	7.9	9
36	Enhancing Voltage Compliance in Distribution Network under Cloud and Edge Computing Framework. IEEE Transactions on Cloud Computing, 2022, , 1-1.	4.4	0

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37	Formation control for unmanned surface vessels: A game-theoretic approach. <i>Asian Journal of Control</i> , 2022, 24, 498-509.	3.0	9
38	An efficient, open-bid procurement auction for small-scale electricity markets. <i>Applied Energy</i> , 2022, 314, 118867.	10.1	5
39	Resilient Model Predictive Adaptive Control of Networked Z-Source Inverters Using GMDH. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 3723-3734.	9.0	6
40	Optimization of Communication Network Topology in Distributed Control Systems Subject to Prescribed Decay Rate. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 4277-4285.	9.5	5
41	Distributed Consensus Tracking of Networked Agent Systems Under Denial-of-Service Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6183-6196.	9.3	38
42	Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6342-6357.	9.3	59
43	Distributed Event-Based Control for Thermostatically Controlled Loads Under Hybrid Cyber Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 5314-5327.	9.5	24
44	Composite Super-Twisting Sliding Mode Control Design for PMSM Speed Regulation Problem Based on a Novel Disturbance Observer. <i>IEEE Transactions on Energy Conversion</i> , 2021, 36, 2591-2599.	5.2	130
45	Fully Distributed Anti-Windup Consensus Protocols for Linear MASs With Input Saturation: The Case With Directed Topology. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 2359-2371.	9.5	30
46	On Convergence Performance of Discrete-Time Optimal Control Based Tracking Differentiator. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 3359-3369.	7.9	21
47	Review on Oscillatory Stability in Power Grids With Renewable Energy Sources: Monitoring, Analysis, and Control Using Synchrophasor Technology. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 519-531.	7.9	54
48	A Novel Secondary Power Management Strategy for Multiple AC Microgrids With Cluster-Oriented Two-Layer Cooperative Framework. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 1483-1495.	11.3	43
49	Bounded Synchronization of Heterogeneous Complex Dynamical Networks: A Unified Approach. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 1756-1762.	5.7	29
50	Hybrid Neural Adaptive Control for Practical Tracking of Markovian Switching Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 2157-2168.	11.3	4
51	Synchronization of Resilient Complex Networks Under Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 1116-1127.	9.3	59
52	Averaging Techniques for Balancing Learning and Tracking Abilities Over Fading Channels. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2636-2651.	5.7	16
53	Euler's Discretization Effect on a Sliding-Mode Control System With Supertwisting Algorithm. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2817-2824.	5.7	12
54	Invariant Manifold Based Output-Feedback Sliding Mode Control for Systems With Mismatched Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021, 68, 933-937.	3.0	13

#	ARTICLE	IF	CITATIONS
55	Learning Tracking Control Over Unknown Fading Channels Without System Information. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2721-2732.	11.3	14
56	Second-Order Sliding Mode Control Design Subject to an Asymmetric Output Constraint. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1278-1282.	3.0	51
57	Virtual power plants for a sustainable urban future. Sustainable Cities and Society, 2021, 65, 102640.	10.4	27
58	Terminal Sliding Mode Control “ An Overview. IEEE Open Journal of the Industrial Electronics Society, 2021, 2, 36-52.	6.8	134
59	Game Theoretic-Based Distributed Charging Strategy for PEVs in a Smart Charging Station. IEEE Transactions on Smart Grid, 2021, 12, 538-547.	9.0	45
60	Characteristic Model-Based Control Approach for Complex Network Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3599-3607.	9.3	2
61	Iterative Learning Tracking for Multisensor Systems: A Weighted Optimization Approach. IEEE Transactions on Cybernetics, 2021, 51, 1286-1299.	9.5	21
62	Modeling and Control of Islanded DC Microgrid Clusters With Hierarchical Event-Triggered Consensus Algorithm. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 376-386.	5.4	56
63	Recent progress on the study of distributed economic dispatch in smart grid: an overview. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 25-39.	2.6	27
64	Trusted-Region Subsequence Reduction for Designing Resilient Consensus Algorithms. IEEE Transactions on Network Science and Engineering, 2021, 8, 259-268.	6.4	8
65	Adaptive Event-Triggered Strategy for Economic Dispatch in Uncertain Communication Networks. IEEE Transactions on Control of Network Systems, 2021, 8, 1881-1891.	3.7	12
66	Discrete-Time Optimal Control of Double Integrators and its Application in Maglev Train. IEEJ Journal of Industry Applications, 2021, , .	1.1	0
67	Distributed Online Bandit Learning in Dynamic Environments Over Unbalanced Digraphs. IEEE Transactions on Network Science and Engineering, 2021, 8, 3034-3047.	6.4	12
68	Data-Driven Stochastic Game With Social Attributes for Peer-to-Peer Energy Sharing. IEEE Transactions on Smart Grid, 2021, 12, 5158-5171.	9.0	6
69	Continuous-Time Distributed Proximal Gradient Algorithms for Nonsmooth Resource Allocation Over General Digraphs. IEEE Transactions on Network Science and Engineering, 2021, 8, 1733-1744.	6.4	22
70	Fast Distributed Average Tracking in Multiagent Networks: The Case With General Linear Agent Dynamics. IEEE Transactions on Control of Network Systems, 2021, 8, 997-1009.	3.7	23
71	Data-Driven Planning of Electric Vehicle Charging Infrastructure: A Case Study of Sydney, Australia. IEEE Transactions on Smart Grid, 2021, 12, 3289-3304.	9.0	74
72	Local Measurement Based Formation Navigation of Nonholonomic Robots With Globally Bounded Inputs and Collision Avoidance. IEEE Transactions on Network Science and Engineering, 2021, 8, 2342-2354.	6.4	13

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73	A Survey on Event-Triggered Sliding Mode Control. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 206-217.	3.9	37
74	Characteristic Modeling Approach for High-Order Linear Dynamical Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5405-5413.	9.3	1
75	Nonsmooth Resource Allocation of Multiagent Systems With Disturbances: A Proximal Approach. IEEE Transactions on Control of Network Systems, 2021, 8, 1454-1464.	3.7	14
76	A Lyapunov-Based Approach for Recursive Continuous Higher Order Nonsingular Terminal Sliding-Mode Control. IEEE Transactions on Automatic Control, 2021, 66, 4424-4431.	5.7	13
77	Continuous detection of concept drift in industrial cyber-physical systems using closed loop incremental machine learning. Discover Artificial Intelligence, 2021, 1, 1.	3.1	8
78	Distributed Resource Allocation via Accelerated Saddle Point Dynamics. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1588-1599.	13.1	8
79	On Necessary and Sufficient Conditions for Exponential Consensus in Dynamic Networks via Uniform Complete Observability Theory. IEEE Transactions on Automatic Control, 2021, 66, 4975-4981.	5.7	5
80	Distributed Nash Equilibrium Seeking Under Event-Triggered Mechanism. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3441-3445.	3.0	13
81	Design of Output-Based Finite-Time Convergent Composite Controller for a Class of Perturbed Second-Order Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6768-6778.	9.3	15
82	On Fixed-Time Convergent Sliding Mode Control Design and Applications. Studies in Systems, Decision and Control, 2021, , 203-237.	1.0	0
83	Performance Analysis of Long Short-Term Memory-Based Markovian Spectrum Prediction. IEEE Access, 2021, 9, 149582-149595.	4.2	2
84	A Resilient Distributed Consensus Control Scheme for DC Microgrids Over Fading Channels. , 2021, , .		1
85	Neural State Feedback Control of Reserve Energy Utilisation for Coal-Fired Power Plants to Enhance Frequency Performance. , 2021, , .		0
86	Solar PV Detection Using an Optimal Template Approach with Genetic Algorithm. , 2021, , .		1
87	Rule extraction from electricity load profile data for smart metering analytics. , 2021, , .		0
88	Learning Rule Optimization and Comparative Evaluation of Accelerated Self-Organizing Maps for Industrial Applications. , 2021, , .		0
89	Self-triggered Consensus Control for Multilayered Cluster Network. , 2021, , .		0
90	Soft Fusion based Cooperative Spectrum Prediction using LSTM. , 2021, , .		3

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91	Finite-Iteration Tracking of Singular Coupled Systems Based on Learning Control With Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 245-255.	9.3	30
92	Pinning a Complex Network to Follow a Target System With Predesigned Control Inputs. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2293-2304.	9.3	36
93	Robust Second-Order Consensus Using a Fixed-Time Convergent Sliding Surface in Multiagent Systems. IEEE Transactions on Cybernetics, 2020, 50, 846-855.	9.5	37
94	Synchronization of the Networked System With Continuous and Impulsive Hybrid Communications. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 960-971.	11.3	26
95	Distributed Convex Optimization on State-Dependent Undirected Graphs: Homogeneity Technique. IEEE Transactions on Control of Network Systems, 2020, 7, 42-52.	3.7	12
96	A Nine-Level Inverter for Low-Voltage Applications. IEEE Transactions on Power Electronics, 2020, 35, 1659-1671.	7.9	32
97	Consensus Disturbance Rejection for Linear Multiagent Systems With Directed Switching Communication Topologies. IEEE Transactions on Control of Network Systems, 2020, 7, 254-265.	3.7	51
98	Higher Order Sliding Mode Control-Based Finite-Time Constrained Stabilization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 295-299.	3.0	17
99	Sliding-Mode Control for Stabilizing High-Order Stochastic Systems: Application to One-Degree-of-Freedom Aerial Device. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4318-4325.	9.3	8
100	Group Consensus for Heterogeneous Multiagent Systems in the Competition Networks With Input Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4655-4663.	9.3	43
101	Heat-Electricity Coupled Peak Load Shifting for Multi-Energy Industrial Parks: A Stackelberg Game Approach. IEEE Transactions on Sustainable Energy, 2020, 11, 1858-1869.	8.8	39
102	Robust consensus of fractional-order singular uncertain multi-agent systems. Asian Journal of Control, 2020, 22, 2377-2387.	3.0	11
103	Cooperative Mining in Blockchain Networks With Zero-Determinant Strategies. IEEE Transactions on Cybernetics, 2020, 50, 4544-4549.	9.5	29
104	Finite-Time Continuous Terminal Sliding Mode Control of Servo Motor Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 5647-5656.	7.9	107
105	Predefined-time optimization for distributed resource allocation. Journal of the Franklin Institute, 2020, 357, 11323-11348.	3.4	25
106	Distributed Voltage Regulation for Cyber-Physical Microgrids With Coupling Delays and Slow Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 100-110.	9.3	80
107	Adaptive Decentralized Neural Network Tracking Control for Uncertain Interconnected Nonlinear Systems With Input Quantization and Time Delay. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1401-1409.	11.3	63
108	Hierarchical Controller-Estimator for Coordination of Networked Euler-Lagrange Systems. IEEE Transactions on Cybernetics, 2020, 50, 2450-2461.	9.5	65

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109	Delayed Impulsive Control for Consensus of Multiagent Systems With Switching Communication Graphs. IEEE Transactions on Cybernetics, 2020, 50, 3045-3055.	9.5	93
110	Global Stabilization of Uncertain SISO Dynamical Systems Using a Multiple Delayed Partial State Feedback Sliding Mode Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1259-1263.	3.0	12
111	Spatiotemporal Anomaly Detection Using Deep Learning for Real-Time Video Surveillance. IEEE Transactions on Industrial Informatics, 2020, 16, 393-402.	11.3	160
112	An Improved Sliding-Mode Current Control of Induction Machine in Presence of Voltage Constraints. IEEE Transactions on Industrial Informatics, 2020, 16, 1182-1191.	11.3	22
113	On Consensus of Multiagent Systems With Input Saturation: Fully Distributed Adaptive Antiwindup Protocol Design Approach. IEEE Transactions on Control of Network Systems, 2020, 7, 1127-1139.	3.7	24
114	A Dynamic Robust Restoration Framework for Unbalanced Power Distribution Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 6301-6312.	11.3	12
115	Continuous distributed algorithms for solving linear equations in finite time. Automatica, 2020, 113, 108755.	5.0	13
116	Leaderless Consensus of Ring-Networked Mobile Robots via Distributed Saturated Control. IEEE Transactions on Industrial Electronics, 2020, 67, 10723-10731.	7.9	11
117	Finite-Time Stability of Network Systems With Discontinuous Dynamics Over Signed Digraphs. IEEE Transactions on Automatic Control, 2020, 65, 4874-4881.	5.7	13
118	Distributed Adaptive Observer-Based Control for Output Consensus of Heterogeneous MASs With Input Saturation Constraint. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 995-1007.	5.4	32
119	Finite-Time Stability for Network Systems With Nonlinear Protocols Over Signed Digraphs. IEEE Transactions on Network Science and Engineering, 2020, 7, 1557-1569.	6.4	24
120	A Newton Method-Based Distributed Algorithm for Multi-Area Economic Dispatch. IEEE Transactions on Power Systems, 2020, 35, 986-996.	6.5	32
121	Hierarchical Two-Stream Growing Self-Organizing Maps With Transience for Human Activity Recognition. IEEE Transactions on Industrial Informatics, 2020, 16, 7756-7764.	11.3	21
122	Velocity and Input Constrained Coordination of Second-Order Multi-Agent Systems With Relative Output Information. IEEE Transactions on Network Science and Engineering, 2020, 7, 1925-1938.	6.4	32
123	Signal approximation with Pascal's triangle and sampling. , 2020, , .		0
124	Simplifying Complex Network Stability Analysis via Hierarchical Node Aggregation and Optimal Periodic Control. IEEE Transactions on Neural Networks and Learning Systems, 2020, 32, 1-10.	11.3	2
125	Distributed resource allocation: an indirect dual ascent method with an exponential convergence rate. Nonlinear Dynamics, 2020, 102, 1685-1699.	5.2	2
126	Structural Balance Preserving and Bipartite Static Consensus of Heterogeneous Agents in Cooperation-Competition Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 3223-3234.	6.4	18

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127	Fuzzy Neighborhood Learning for Deep 3-D Segmentation of Point Cloud. IEEE Transactions on Fuzzy Systems, 2020, 28, 3181-3192.	9.8	4
128	Voltage Control for Distribution Networks via Coordinated Regulation of Active and Reactive Power of DGs. IEEE Transactions on Smart Grid, 2020, 11, 4017-4031.	9.0	56
129	A Bayesian Game Based Vehicle-to-Vehicle Electricity Trading Scheme for Blockchain-Enabled Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 6856-6868.	6.3	77
130	A Motif-based Classification Algorithm for Identifying Solar Panel Installations. , 2020, , .		3
131	Finite-Time Bipartite Tracking Control for Double-Integrator Networked Systems With Cooperative and Antagonistic Interactions. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 5223-5232.	5.4	22
132	Controller and Observer design for Chaotic Systems: A Vector Based Contraction Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3282-3286.	3.0	2
133	Toward Intelligent Industrial Informatics: A Review of Current Developments and Future Directions of Artificial Intelligence in Industrial Applications. IEEE Industrial Electronics Magazine, 2020, 14, 57-72.	2.6	43
134	On Synchronization of Dynamical Systems Over Directed Switching Topologies: An Algebraic and Geometric Perspective. IEEE Transactions on Automatic Control, 2020, 65, 5083-5098.	5.7	72
135	A Robust [K,KL] Sector for Nonlinear System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2547-2551.	3.0	9
136	Stochastic Distributed Secondary Control for AC Microgrids via Event-Triggered Communication. IEEE Transactions on Smart Grid, 2020, 11, 2746-2759.	9.0	114
137	Distributed Rigidity Recovery in Distance-Based Formations Using Configuration Lattice. IEEE Transactions on Control of Network Systems, 2020, 7, 1547-1558.	3.7	6
138	A Discontinuous Projection-Based Algorithm for Solving Distributed Optimization With Linear Equation Constraints. , 2020, , .		1
139	Adaptive Attack-free Output-feedback Consensus Protocol for Nonlinear MASs. , 2020, , .		1
140	A Supercapacitor-based Inertial Response Scheme to Enhance Frequency Stability in Future Energy Systems with Large Wind Parks. , 2020, , .		0
141	Model Predictive Power Dispatch and Control With Price-Elastic Load in Energy Internet. IEEE Transactions on Industrial Informatics, 2019, 15, 1775-1787.	11.3	16
142	A Global Optimization Approach Based on Opinion Formation in Complex Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 173-187.	6.4	6
143	Consensus-Based Distributed Coordination Between Economic Dispatch and Demand Response. IEEE Transactions on Smart Grid, 2019, 10, 3709-3719.	9.0	79
144	Full-Order Sliding-Mode Control of Rigid Robotic Manipulators. Asian Journal of Control, 2019, 21, 1228-1236.	3.0	21

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145	Node Importance in Controlled Complex Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 437-441.	3.0	39
146	Integral-Type Terminal Sliding-Mode Control for Grid-Side Converter in Wind Energy Conversion Systems. IEEE Transactions on Industrial Electronics, 2019, 66, 3702-3711.	7.9	41
147	An Overall Distribution Particle Swarm Optimization MPPT Algorithm for Photovoltaic System Under Partial Shading. IEEE Transactions on Industrial Electronics, 2019, 66, 265-275.	7.9	342
148	A Novel Mixed Cascade Finite-Time Switching Control Design for Induction Motor. IEEE Transactions on Industrial Electronics, 2019, 66, 1172-1181.	7.9	30
149	Discrete-Time Terminal Sliding-Mode Tracking Control With Alleviated Chattering. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1808-1817.	5.8	37
150	Global Frequency Synchronization of Complex Power Networks Via Coordinating Switching Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3123-3133.	5.4	18
151	Incentive Mechanism for Macrotasking Crowdsourcing: A Zero-Determinant Strategy Approach. IEEE Internet of Things Journal, 2019, 6, 8589-8601.	8.7	16
152	A Non-singular Terminal Recursive Surface Structure Design for Higher-order Systems. , 2019, , .		0
153	An EKF-Based Fast Tube MPC Scheme for Moving Target Tracking of a Redundant Underwater Vehicle-Manipulator System. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2803-2814.	5.8	61
154	An Interval Arithmetic-Based State Estimation Framework for Power Distribution Networks. IEEE Transactions on Industrial Electronics, 2019, 66, 8509-8520.	7.9	31
155	Pinning Synchronization of Complex Switching Networks With a Leader of Nonzero Control Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3100-3112.	5.4	60
156	Bifurcation and chaos in digital filters: identification of periodic solutions. Science China Information Sciences, 2019, 62, 1.	4.3	0
157	Adaptive asymptotical tracking controller design for uncertain nonaffine nonlinear system with high-order mismatched disturbances. International Journal of Adaptive Control and Signal Processing, 2019, 33, 731-746.	4.1	5
158	Stochastic Distributed Frequency and Load Sharing Control for Microgrids With Communication Delays. IEEE Systems Journal, 2019, 13, 4269-4280.	4.6	54
159	Tracking Consensus of General Nonlinear Multiagent Systems With External Disturbances Under Directed Networks. IEEE Transactions on Automatic Control, 2019, 64, 4772-4779.	5.7	38
160	Quantized super-twisting algorithm based sliding mode control. Automatica, 2019, 105, 43-48.	5.0	46
161	Cluster-Oriented Distributed Cooperative Control for Multiple AC Microgrids. IEEE Transactions on Industrial Informatics, 2019, 15, 5906-5918.	11.3	104
162	Enhancing Optimal Automatic Generation Control in a Multi-Area Power System With Diverse Energy Resources. IEEE Transactions on Power Systems, 2019, 34, 3465-3475.	6.5	45

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163	Robust Faulted Line Identification in Power Distribution Networks via Hybrid State Estimator. IEEE Transactions on Industrial Informatics, 2019, 15, 5365-5377.	11.3	27
164	Descending-clock reverse auction for electricity markets considering power flow constraints. , 2019, , .		0
165	HT-GSOM: Dynamic Self-organizing Map with Transience for Human Activity Recognition. , 2019, , .		5
166	Multilayered Self-triggered Control for Thermostatically Controlled Loads. , 2019, , .		3
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