Guanghui Wen

List of Publications by Year
in descending order

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325	14,550	16451 64	23533 111
papers	citations	h-index	g-index

328	328	328	5144
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Designing Fully Distributed Consensus Protocols for Linear Multi-Agent Systems With Directed Graphs. IEEE Transactions on Automatic Control, 2015, 60, 1152-1157.	5.7	809
2	Consensus Tracking of Multi-Agent Systems With Lipschitz-Type Node Dynamics and Switching Topologies. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 499-511.	5.4	686
3	Containment of Higher-Order Multi-Leader Multi-Agent Systems: A Dynamic Output Approach. IEEE Transactions on Automatic Control, 2016, 61, 1135-1140.	5.7	357
4	Consensus of multiâ€agent systems with nonlinear dynamics and sampledâ€data information: a delayedâ€input approach. International Journal of Robust and Nonlinear Control, 2013, 23, 602-619.	3.7	298
5	Consensus in multiâ€agent systems with communication constraints. International Journal of Robust and Nonlinear Control, 2012, 22, 170-182.	3.7	284
6	Distributed finite-time tracking control for multi-agent systems: An observer-based approach. Systems and Control Letters, 2013, 62, 22-28.	2.3	271
7	Consensus tracking for higher-order multi-agent systems with switching directed topologies and occasionally missing control inputs. Systems and Control Letters, 2013, 62, 1151-1158.	2.3	252
8	Pinning Synchronization of Directed Networks With Switching Topologies: A Multiple Lyapunov Functions Approach. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 3239-3250.	11.3	239
9	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. IEEE Transactions on Cybernetics, 2019, 49, 342-353.	9.5	225
10	Distributed finite-time tracking of multiple non-identical second-order nonlinear systems with settling time estimation. Automatica, 2016, 64, 86-93.	5.0	218
11	Distributed consensus of multi-agent systems with general linear node dynamics and intermittent communications. International Journal of Robust and Nonlinear Control, 2014, 24, 2438-2457.	3.7	213
12	Bipartite Tracking Consensus of Linear Multi-Agent Systems With a Dynamic Leader. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1204-1208.	3.0	213
13	Distributed Robust Fixed-Time Consensus for Nonlinear and Disturbed Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1464-1473.	9.3	209
14	Discrete-Time Fast Terminal Sliding Mode Control for Permanent Magnet Linear Motor. IEEE Transactions on Industrial Electronics, 2018, 65, 9916-9927.	7.9	197
15	Distributed Optimization for Linear Multiagent Systems: Edge- and Node-Based Adaptive Designs. IEEE Transactions on Automatic Control, 2017, 62, 3602-3609.	5.7	193
16	Distributed consensus tracking for multiâ€agent systems under two types of attacks. International Journal of Robust and Nonlinear Control, 2016, 26, 896-918.	3.7	187
17	Distributed Tracking of Nonlinear Multiagent Systems Under Directed Switching Topology: An Observer-Based Protocol. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 869-881.	9.3	185
18	Consensus of second-order multi-agent systems with delayed nonlinear dynamics and intermittent communications. International Journal of Control, 2013, 86, 322-331.	1.9	179

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19	On Constructing Multiple Lyapunov Functions for Tracking Control of Multiple Agents With Switching Topologies. IEEE Transactions on Automatic Control, 2019, 64, 3796-3803.	5.7	175
20	Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. Automatica, 2020, 113, 108797.	5.0	173
21	Distributed Secure Coordinated Control for Multiagent Systems Under Strategic Attacks. IEEE Transactions on Cybernetics, 2017, 47, 1273-1284.	9.5	163
22	Finite-time consensus of multiple nonholonomic chained-form systems based on recursive distributed observer. Automatica, 2015, 62, 236-242.	5.0	162
23	Robust fixed-time synchronization of delayed Cohenâ€“Grossberg neural networks. Neural Networks, 2016, 73, 86-94.	5.9	161
24	Designing Distributed Specified-Time Consensus Protocols for Linear Multiagent Systems Over Directed Graphs. IEEE Transactions on Automatic Control, 2019, 64, 2945-2952.	5.7	160
25	Distributed finite-time tracking of multiple Euler-Lagrange systems without velocity measurements. International Journal of Robust and Nonlinear Control, 2015, 25, 1688-1703.	3.7	153
26	Second-Order Consensus in Multiagent Systems via Distributed Sliding Mode Control. IEEE Transactions on Cybernetics, 2017, 47, 1872-1881.	9.5	145
27	Adaptive Consensus-Based Robust Strategy for Economic Dispatch of Smart Grids Subject to Communication Uncertainties. IEEE Transactions on Industrial Informatics, 2018, 14, 2484-2496.	11.3	145
28	Neuro-Adaptive Consensus Tracking of Multiagent Systems With a High-Dimensional Leader. IEEE Transactions on Cybernetics, 2017, 47, 1730-1742.	9.5	143
29	Distributed Finite-Time Cooperative Control of Multiple High-Order Nonholonomic Mobile Robots. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2998-3006.	11.3	142
30	Finite-Time Bipartite Consensus for Multi-Agent Systems on Directed Signed Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 4336-4348.	5.4	142
31	Observer Design for Tracking Consensus in Second-Order Multi-Agent Systems: Fractional Order Less Than Two. IEEE Transactions on Automatic Control, 2017, 62, 894-900.	5.7	140
32	A Distributed Finite-Time Consensus Algorithm for Higher-Order Leaderless and Leader-Following Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1625-1634.	9.3	139
33	Distributed finite-time tracking control for nonlinear multi-agent systems subject to external disturbances. International Journal of Control, 2013, 86, 29-40.	1.9	134
34	Consensus and its â„’₂-gain performance of multi-agent systems with intermittent information transmissions. International Journal of Control, 2012, 85, 384-396.	1.9	125
35	${cal H}_{infty}$ Pinning Synchronization of Directed Networks With Aperiodic Sampled-Data Communications. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 3245-3255.	5.4	116
36	Distributed finite-time tracking for a multi-agent system under a leader with bounded unknown acceleration. Systems and Control Letters, 2015, 81, 8-13.	2.3	113

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37	Distributed <inline-formula> <tex-math notation="TeX">${cal H}_{infty}$</tex-math></inline-formula> Consensus of Higher Order Multiagent Systems With Switching Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 359-363.	3.0	112
38	A New Framework for Analysis on Stability and Bifurcation in a Class of Neural Networks With Discrete and Distributed Delays. IEEE Transactions on Cybernetics, 2015, 45, 2224-2236.	9.5	104
39	Distributed‹i›H‹/i›‹sub›âˆž‹/sub›consensus of multi-agent systems: a performance region-based approach. International Journal of Control, 2012, 85, 332-341.	1.9	102
40	Reverse Group Consensus of Multi-Agent Systems in the Cooperation-Competition Network. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 2036-2047.	5.4	102
41	Event-Triggered Masterâ€“Slave Synchronization With Sampled-Data Communication. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 304-308.	3.0	101
42	Frequency Regulation of Source-Grid-Load Systems: A Compound Control Strategy. IEEE Transactions on Industrial Informatics, 2016, 12, 69-78.	11.3	98
43	Delayed Impulsive Control for Consensus of Multiagent Systems With Switching Communication Graphs. IEEE Transactions on Cybernetics, 2020, 50, 3045-3055.	9.5	93
44	Leaderâ€“Following Attitude Consensus for Spacecraft Formation with Rigid and Flexible Spacecraft. Journal of Guidance, Control, and Dynamics, 2016, 39, 944-951.	2.8	90
45	Finite-Time Consensus for Second-Order Multi-Agent Systems With Input Saturation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1758-1762.	3.0	88
46	Bipartite synchronization in coupled delayed neural networks under pinning control. Neural Networks, 2018, 108, 146-154.	5.9	88
47	A Connectivity-preserving flocking algorithm for multi-agent dynamical systems with bounded potential function. IET Control Theory and Applications, 2012, 6, 813.	2.1	87
48	Finite-time formation control for a group of quadrotor aircraft. Aerospace Science and Technology, 2017, 69, 609-616.	4.8	87
49	Robust Neuro-Adaptive Containment of Multileader Multiagent Systems With Uncertain Dynamics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 406-417.	9.3	86
50	Complex cyber-physical networks: From cybersecurity to security control. Journal of Systems Science and Complexity, 2017, 30, 46-67.	2.8	83
51	Quantized Synchronization of Chaotic Neural Networks With Scheduled Output Feedback Control. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2638-2647.	11.3	81
52	Finite-Time Consensus of Opinion Dynamics and its Applications to Distributed Optimization Over Digraph. IEEE Transactions on Cybernetics, 2019, 49, 3767-3779.	9.5	75
53	Distributed cooperative anti-disturbance control of multi-agent systems: an overview. Science China Information Sciences, 2017, 60, 1.	4.3	74
54	Flocking of multiâ€agent dynamical systems with intermittent nonlinear velocity measurements. International Journal of Robust and Nonlinear Control, 2012, 22, 1790-1805.	3.7	73

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55	Continuous-Time Distributed Subgradient Algorithm for Convex Optimization With General Constraints. IEEE Transactions on Automatic Control, 2019, 64, 1694-1701.	5.7	73
56	Distributed Resource Allocation Over Directed Graphs via Continuous-Time Algorithms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1097-1106.	9.3	73
57	Finiteâ€time consensus for secondâ€order multiâ€agent systems with saturated control protocols. IET Control Theory and Applications, 2015, 9, 312-319.	2.1	72
58	Fixed-Time Consensus of Nonlinear Multi-Agent Systems With General Directed Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1587-1591.	3.0	72
59	Distributed robust control of uncertain linear multiâ€agent systems. International Journal of Robust and Nonlinear Control, 2015, 25, 2162-2179.	3.7	70
60	Swarming Behavior of Multiple Eulerâ€“Lagrange Systems With Cooperationâ€“Competition Interactions: An Auxiliary System Approach. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5726-5737.	11.3	67
61	Current Sharing Control for Parallel DCâ€“DC Buck Converters Based on Finite-Time Control Technique. IEEE Transactions on Industrial Informatics, 2019, 15, 2186-2198.	11.3	67
62	Continuous-Time Coordination Algorithm for Distributed Convex Optimization Over Weight-Unbalanced Directed Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1202-1206.	3.0	67
63	Distributed Position-Based Consensus of Second-Order Multiagent Systems With Continuous/Intermittent Communication. IEEE Transactions on Cybernetics, 2017, 47, 1860-1871.	9.5	66
64	Masterâ€“Slave Synchronization of Heterogeneous Systems Under Scheduling Communication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 473-484.	9.3	66
65	Distributed Reinforcement Learning Algorithm for Dynamic Economic Dispatch With Unknown Generation Cost Functions. IEEE Transactions on Industrial Informatics, 2020, 16, 2258-2267.	11.3	66
66	Distributed consensus control for linear multi-agent systems with discontinuous observations. International Journal of Control, 2013, 86, 95-106.	1.9	65
67	Distributed Average Tracking for Lipschitz-Type of Nonlinear Dynamical Systems. IEEE Transactions on Cybernetics, 2019, 49, 4140-4152.	9.5	65
68	Hierarchical Controller-Estimator for Coordination of Networked Eulerâ€“Lagrange Systems. IEEE Transactions on Cybernetics, 2020, 50, 2450-2461.	9.5	65
69	Consensus of Second-Order Multiagent Systems With Both Velocity and Input Constraints. IEEE Transactions on Industrial Electronics, 2019, 66, 7946-7955.	7.9	62
70	Stochastic consensus in directed networks of agents with non-linear dynamics and repairable actuator failures. IET Control Theory and Applications, 2012, 6, 1583.	2.1	61
71	Distributed nodeâ€toâ€node consensus of multiâ€agent systems with stochastic sampling. International Journal of Robust and Nonlinear Control, 2016, 26, 110-124.	3.7	60
72	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

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73	Robust finiteâ€time consensus formation control for multiple nonholonomic wheeled mobile robots via output feedback. International Journal of Robust and Nonlinear Control, 2018, 28, 2082-2096.	3.7	59
74	Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6342-6357.	9.3	59
75	Synchronization of Resilient Complex Networks Under Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1116-1127.	9.3	59
76	Adaptive attack-free protocol for consensus tracking with pure relative output information. Automatica, 2020, 117, 108998.	5.0	58
77	Exponential Consensus of Multiagent Systems With Lipschitz Nonlinearities Using Sampled-Data Information. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 4363-4375.	5.4	57
78	Finite-Time Coordination Behavior of Multiple Eulerâ€“Lagrange Systems in Cooperation-Competition Networks. IEEE Transactions on Cybernetics, 2019, 49, 2967-2979.	9.5	57
79	Fixed-Time Connectivity-Preserving Distributed Average Tracking for Multiagent Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1192-1196.	3.0	56
80	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
81	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
82	Adaptive Protocol Design For Distributed Tracking With Relative Output Information: A Distributed Fixed-Time Observer Approach. IEEE Transactions on Control of Network Systems, 2020, 7, 118-128.	3.7	55
83	Distributed average computation for multiple timeâ€varying signals with output measurements. International Journal of Robust and Nonlinear Control, 2016, 26, 2899-2915.	3.7	54
84	Robust consensus tracking of multiâ€agent systems with uncertain Lur'eâ€type nonâ€linear dynamics. IET Control Theory and Applications, 2013, 7, 1249-1260.	2.1	51
85	Synchronization of Coupled Harmonic Oscillators via Sampled Position Data Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1079-1088.	5.4	51
86	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. Science China Information Sciences, 2018, 61, 1.	4.3	51
87	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
88	Design of Distributed Event-Triggered Average Tracking Algorithms for Homogeneous and Heterogeneous Multiagent Systems. IEEE Transactions on Automatic Control, 2022, 67, 1269-1284.	5.7	50
89	Bridging the gap between complex networks and smart grids. Journal of Control and Decision, 2014, 1, 102-114.	1.6	49
90	Bipartite synchronization of Lur'e network under signed digraph. International Journal of Robust and Nonlinear Control, 2018, 28, 6087-6105.	3.7	49

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91	Fixed-time bipartite synchronization with a pre-appointed settling time over directed cooperativeâ€“antagonistic networks. Automatica, 2021, 123, 109301.	5.0	48
92	Distributed node-to-node consensus of multi-agent systems with time-varying pinning links. Neurocomputing, 2015, 149, 1387-1395.	5.9	47
93	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
94	Time-Varying Formation for General Linear Multiagent Systems Over Directed Topologies: A Fully Distributed Adaptive Technique. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 532-541.	9.3	47
95	Cooperative Tracking of Networked Agents With a High-Dimensional Leader: Qualitative Analysis and Performance Evaluation. IEEE Transactions on Cybernetics, 2018, 48, 2060-2073.	9.5	45
96	Design and Implementation of Bounded Finite-Time Control Algorithm for Speed Regulation of Permanent Magnet Synchronous Motor. IEEE Transactions on Industrial Electronics, 2021, 68, 2417-2426.	7.9	45
97	Robust containment tracking of uncertain linear multi-agent systems: a non-smooth controlÂapproach. International Journal of Control, 2014, 87, 2522-2534.	1.9	44
98	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. IEEE Transactions on Cybernetics, 2020, 50, 1450-1459.	9.5	44
99	Bipartite Synchronization and Convergence Analysis for Network of Harmonic Oscillator Systems With Signed Graph and Time Delay. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 2723-2734.	5.4	43
100	Synchronization of Multi-Layer Networks: From Node-to-Node Synchronization to Complete Synchronization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 1141-1152.	5.4	43
101	Distributed Robust Global Containment Control of Second-Order Multiagent Systems With Input Saturation. IEEE Transactions on Control of Network Systems, 2019, 6, 1426-1437.	3.7	43
102	Distributed Consensus of Layered Multi-Agent Systems Subject to Attacks on Edges. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3152-3162.	5.4	43
103	Fixed-Time Synchronization Control for a Class of Masterâ€“Slave Systems Based on Homogeneous Method. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1547-1551.	3.0	41
104	A New Observerâ€Type Consensus Protocol for Linear Multiâ€Agent Dynamical Systems. Asian Journal of Control, 2013, 15, 571-582.	3.0	39
105	Distributed H _{âˆž} and H ₂ consensus control in directed networks. IET Control Theory and Applications, 2014, 8, 193-201.	2.1	39
106	Event-triggered consensus tracking of multi-agent systems with Lur'e nonlinear dynamics. International Journal of Control, 2016, 89, 1025-1037.	1.9	39
107	Projected Primalâ€“Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. IEEE Transactions on Cybernetics, 2020, 50, 1776-1782.	9.5	39
108	Pinning synchronisation in fixed and switching directed networks of Lorenzâ€type nodes. IET Control Theory and Applications, 2013, 7, 1387-1397.	2.1	38

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109	Distributed Consensus Tracking of Networked Agent Systems Under Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6183-6196.	9.3	38
110	Adaptive Consensus for Multiple Nonidentical Matching Nonlinear Systems: An Edge-Based Framework. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 85-89.	3.0	37
111	Finite-Time Distributed Average Tracking for Second-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1780-1789.	11.3	36
112	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
113	Distributed Nash Equilibrium Seeking in an Aggregative Game on a Directed Graph. IEEE Transactions on Automatic Control, 2021, 66, 2746-2753.	5.7	36
114	Designing Discrete-Time Sliding Mode Controller With Mismatched Disturbances Compensation. IEEE Transactions on Industrial Informatics, 2020, 16, 4109-4118.	11.3	35
115	Synchronization of Neural Networks via Periodic Self-Triggered Impulsive Control and Its Application in Image Encryption. IEEE Transactions on Cybernetics, 2022, 52, 8246-8257.	9.5	35
116	Branch-Wise Parallel Successive Algorithm for Online Voltage Regulation in Distribution Networks. IEEE Transactions on Smart Grid, 2019, 10, 6678-6689.	9.0	33
117	A weighted local-world evolving network model with aging nodes. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4012-4026.	2.6	32
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	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
120	Synchronization of nonlinear networked agents under event-triggered control. Information Sciences, 2018, 459, 317-326.	6.9	30
121	Position tracking control for permanent magnet linear motor via fast nonsingular terminal sliding mode control. Nonlinear Dynamics, 2019, 97, 2595-2605.	5.2	30
122	Observer-Based Consensus Protocol for Directed Switching Networks With a Leader of Nonzero Inputs. IEEE Transactions on Cybernetics, 2022, 52, 630-640.	9.5	30
123	Resilient Event-Triggered Control Strategies for Second-Order Consensus. IEEE Transactions on Automatic Control, 2022, 67, 4226-4233.	5.7	29
124	Coordination tracking of multiâ€agent dynamical systems with general linear node dynamics. International Journal of Robust and Nonlinear Control, 2017, 27, 1526-1546.	3.7	28
125	Robust containment of uncertain linear multiâ€agent systems under adaptive protocols. International Journal of Robust and Nonlinear Control, 2017, 27, 2053-2069.	3.7	28
126	Fixedâ€Time Synchronization of a Class of Secondâ€Order Nonlinear Leaderâ€Following Multiâ€Agent Systems. Asian Journal of Control, 2018, 20, 39-48.	3.0	28

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127	Terminal-Time Synchronization of Multiple Vehicles Under Discrete-Time Communication Networks With Directed Switching Topologies. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2532-2536.	3.0	28
128	Global Event-Triggered Output Feedback Stabilization of a Class of Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4040-4047.	9.3	28
129	Resilient Consensus of Higher Order Multiagent Networks: An Attack Isolation-Based Approach. IEEE Transactions on Automatic Control, 2022, 67, 1001-1007.	5.7	28
130	Consensus of Multi-Agent Systems With Heterogeneous Input Saturation Levels. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1053-1057.	3.0	27
131	Collective Behavior of Heterogeneous Agents in Uncertain Cooperationâ€“Competition Networks: A Nussbaum-Type Function Based Approach. IEEE Transactions on Control of Network Systems, 2020, 7, 783-796.	3.7	27
132	Distributed Reinforcement Learning for Cyber-Physical System With Multiple Remote State Estimation Under DoS Attacker. IEEE Transactions on Network Science and Engineering, 2020, 7, 3212-3222.	6.4	27
133	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
134	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. IEEE Transactions on Industrial Electronics, 2020, 67, 3000-3012.	7.9	26
135	Resilient Consensus of Multiagent Systems Under Malicious Attacks: Appointed-Time Observer-Based Approach. IEEE Transactions on Cybernetics, 2022, 52, 10187-10199.	9.5	25
136	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
137	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
138	Distributed Event-Based Control for Thermostatically Controlled Loads Under Hybrid Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 5314-5327.	9.5	24
139	Fuzzy Adaptive Cooperative Consensus Tracking of High-Order Nonlinear Multiagent Networks With Guaranteed Performances. IEEE Transactions on Cybernetics, 2022, 52, 8838-8850.	9.5	24
140	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
141	Fuzzy Adaptive Constrained Consensus Tracking of High-Order Multi-agent Networks: A New Event-Triggered Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5468-5480.	9.3	23
142	Incentivizing Honest Mining in Blockchain Networks: A Reputation Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 117-121.	3.0	22
143	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
144	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

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145	H â^ž control for uncertain switched nonlinear singular systems with time delay. Nonlinear Dynamics, 2013, 74, 649-665.	5.2	21
146	Distributed Secondary Control for Voltage Regulation and Optimal Power Sharing in DC Microgrids. IEEE Transactions on Control Systems Technology, 2022, 30, 2561-2572.	5.2	20
147	Consensus tracking of linear multi-agent systems under networked observability conditions. International Journal of Control, 2014, 87, 1478-1486.	1.9	18
148	Design of Robust Discretized Sliding Mode Controller: Analysis and Application to Buck Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 10672-10681.	7.9	18
149	On Distributed Nash Equilibrium Computation: Hybrid Games and a Novel Consensus-Tracking Perspective. IEEE Transactions on Cybernetics, 2021, 51, 5021-5031.	9.5	18
150	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
151	Time-Varying Formation Tracking for Multiple Dynamic Targets: Finite- and Fixed-Time Convergence. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1323-1327.	3.0	18
152	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
153	Distributed finiteâ€time tracking of secondâ€order multiâ€agent systems: An edgeâ€based approach. IET Control Theory and Applications, 2018, 12, 149-154.	2.1	17
154	A Chaotic Ant Colony Optimized Link Prediction Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5274-5288.	9.3	17
155	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
156	Asymptotical Neuro-Adaptive Consensus of Multi-Agent Systems With a High Dimensional Leader and Directed Switching Topology. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9149-9160.	11.3	17
157	Controllability and observability of an nâ€link robot with multiple active links. International Journal of Robust and Nonlinear Control, 2017, 27, 4633-4647.	3.7	16
158	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
159	Terminal-Time Synchronization of Multivehicle Systems Under Sampled-Data Communications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2625-2636.	9.3	16
160	Distributed consensus of multi-agent systems with general linear node dynamics through intermittent communications. , 2012, , .		15
161	Pinning observability in complex networks. IET Control Theory and Applications, 2014, 8, 2136-2144.	2.1	15
162	Robust Distributed Stabilization of Heterogeneous Agents Over Cooperationâ€“Competition Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1419-1423.	3.0	15

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