

Guanghui Wen

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

270
papers

9,346
citations

52
h-index

89
g-index

328
ext. papers

12,088
ext. citations

4.8
avg, IF

7.14
L-index

#	Paper	IF	Citations
270	Robust formation tracking of multiple autonomous surface vessels with individual objectives: A noncooperative game-based approach. <i>Control Engineering Practice</i> , 2022 , 119, 104975	3.9	3
269	Distributed Control With Heterogeneous Gains for Signed Networks: An H-Matrix Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2022 , 1-1	4	0
268	Distributed Secondary Control for Voltage Regulation and Optimal Power Sharing in DC Microgrids. <i>IEEE Transactions on Control Systems Technology</i> , 2022 , 1-12	4.8	0
267	Distributed Nash Equilibrium Seeking in Consistency-Constrained Multicoalition Games.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	1
266	Analysis of Structural Balance and Distributed Control for High-Order Signed Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-14	7.3	
265	Global Leader-Following Consensus of Double-Integrator Multi-Agent Systems by Fully Distributed Bounded Linear Protocols. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	0
264	On Designing Learning Control Scheme for Multilayer Supply Chain Networks With Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-9	7.3	0
263	Formation control for unmanned surface vessels: A game-theoretic approach. <i>Asian Journal of Control</i> , 2022 , 24, 498-509	1.7	1
262	Attack-isolation-based Resilient Control of Large-scale Systems Against Collusive Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	
261	Solving specified-time distributed optimization problem via sampled-data-based algorithm. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
260	Distributed Nash Equilibrium Seeking for Aggregative Games With Directed Communication Graphs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-14	3.9	
259	Distributed Optimization Algorithms for MASs with Network Attacks: From Continuous-time to Event-triggered Communication. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	
258	Distributed Stabilization of Multiple Heterogeneous Agents in the Strong-Weak Competition Network: A Switched System Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5328-5341	10.2	4
257	Distributed Event-Based Control for Thermostatically Controlled Loads Under Hybrid Cyber Attacks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5314-5327	10.2	8
256	Distributed Optimal Cooperation for Multiple High-Order Nonlinear Systems With Lipschitz-Type Gradients: Static and Adaptive State-Dependent Designs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	
255	Fuzzy Adaptive Constrained Consensus Tracking of High-Order Multi-agent Networks: A New Event-Triggered Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	3
254	Resilient event-triggered control strategies for second-order consensus. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	4

253	On Distributed Nash Equilibrium Computation: Hybrid Games and a Novel Consensus-Tracking Perspective. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5021-5031	10.2	7
252	Simplifying Complex Network Stability Analysis via Hierarchical Node Aggregation and Optimal Periodic Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3098-3107	10.3	1
251	Continuous-Time Distributed Proximal Gradient Algorithms for Nonsmooth Resource Allocation Over General Digraphs. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1733-1744	4.9	6
250	Fast Distributed Average Tracking in Multiagent Networks: The Case With General Linear Agent Dynamics. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 997-1009	4	6
249	Generalized Nash Equilibrium Seeking via Continuous-Time Coordination Dynamics Over Digraphs. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 1023-1033	4	3
248	Resilient Consensus of Multi-Agent Systems With Switching Topologies: A Trusted-Region-Based Sliding-Window Weighted Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2448-2452	3.5	6
247	Local Measurement Based Formation Navigation of Nonholonomic Robots With Globally Bounded Inputs and Collision Avoidance. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2342-2354	4.9	0
246	Design and Implementation of Bounded Finite-Time Control Algorithm for Speed Regulation of Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2417-2426	8.9	20
245	Time-Varying Formation for General Linear Multiagent Systems Over Directed Topologies: A Fully Distributed Adaptive Technique. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 532-541	7.3	22
244	Distributed Resource Allocation Over Directed Graphs via Continuous-Time Algorithms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1097-1106	7.3	29
243	Synchronization of Resilient Complex Networks Under Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1116-1127	7.3	29
242	Time-Varying Formation Tracking for Multiple Dynamic Targets: Finite- and Fixed-Time Convergence. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1323-1327	3.5	11
241	Security Analysis of Discrete Nonlinear Systems With Injection Attacks Under Iterative Learning Schemes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	1
240	Transmission Lines Overload Alleviation: Distributed Online Optimization Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 3197-3208	11.9	6
239	Distributed Nash Equilibrium Seeking in an Aggregative Game on a Directed Graph. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2746-2753	5.9	13
238	Fixed-time bipartite synchronization with a pre-appointed settling time over directed cooperative/antagonistic networks. <i>Automatica</i> , 2021 , 123, 109301	5.7	23
237	Global Event-Triggered Output Feedback Stabilization of a Class of Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 4040-4047	7.3	15
236	DLSTM: Distributed Long Short-Term Memory Neural Networks for the Internet of Things. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1

235	Design of Distributed Event-Triggered Average Tracking Algorithms for Homogeneous and Heterogeneous Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	15
234	Modeling and Control of Islanded DC Microgrid Clusters With Hierarchical Event-Triggered Consensus Algorithm. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 376-386	3.9	23
233	Consensus of Lur'e multi-agent systems with directed switching topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	0
232	Recent progress on the study of distributed economic dispatch in smart grid: an overview. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 25-39	2.2	5
231	Event-Triggered Cooperative Tracking for Lipschitz-Type Multi-Agent Systems: An ARE-Based Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	0
230	Output-Feedback Self-Synchronization of Directed Lur'e Networks via Global Connectivity. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
229	Time and energy costs for consensus of multi-agent networks with undirected and directed topologies. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	1
228	Resilient Consensus of Multiagent Systems Under Malicious Attacks: Appointed-Time Observer-Based Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	7
227	Fuzzy Adaptive Cooperative Consensus Tracking of High-Order Nonlinear Multiagent Networks With Guaranteed Performances. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
226	Trusted-Region Subsequence Reduction for Designing Resilient Consensus Algorithms. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 259-268	4.9	3
225	Synchronization of Neural Networks via Periodic Self-Triggered Impulsive Control and Its Application in Image Encryption. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	7
224	Adaptive Event-Triggered Strategy for Economic Dispatch in Uncertain Communication Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	1
223	Distributed H _∞ Robust Control of Multiagent Systems With Uncertain Parameters: Performance-Region-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	3
222	Robust Distributed Average Tracking for Disturbed Second-Order Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	2
221	Resilient Consensus of Higher-order Multi-agent Networks: An Attack-isolation-based Approach. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	3
220	Nonsmooth Resource Allocation of Multiagent Systems With Disturbances: A Proximal Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 8, 1454-1464	4	4
219	Homogeneous constrained finite-time controller for double integrator systems: Analysis and experiment. <i>Automatica</i> , 2021 , 134, 109894	5.7	1
218	Settling Time Estimation in Synchronization of Impulsive Networks With Switching Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	1

217	Location game of multiple unmanned surface vessels with quantized communications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
216	A Distributed Lyapunov-Based Redesign Approach for Heterogeneous Uncertain Agents With Cooperation-Competition Interactions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
215	Terminal-Time Synchronization of Multivehicle Systems Under Sampled-Data Communications. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	4
214	Distributed Consensus of Layered Multi-Agent Systems Subject to Attacks on Edges. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 3152-3162	3.9	28
213	Voltage Control for Distribution Networks via Coordinated Regulation of Active and Reactive Power of DGs. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 4017-4031	10.7	23
212	Adaptive attack-free protocol for consensus tracking with pure relative output information. <i>Automatica</i> , 2020 , 117, 108998	5.7	17
211	Finite-Time Bipartite Tracking Control for Double-Integrator Networked Systems With Cooperative and Antagonistic Interactions. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 5223-5232	3.9	9
210	Terminal-Time Synchronization of Multiple Vehicles Under Discrete-Time Communication Networks With Directed Switching Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2532-2536	3.5	11
209	Global Social Cost Minimization With Possibly Nonconvex Objective Functions: An Extremum Seeking-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	2
208	Designing Discrete-Time Sliding Mode Controller With Mismatched Disturbances Compensation. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4109-4118	11.9	18
207	Design Fixed-Time Practical Distributed Average Tracking Algorithms for Nonlinear Signals With Bounded- and Lipschitz-Type Derivatives. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 3103-3107	3.5	5
206	Observer-Based Consensus Protocol for Directed Switching Networks With a Leader of Nonzero Inputs. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	6
205	Fully Distributed Adaptive NN-Based Consensus Protocol for Nonlinear MASs: An Attack-Free Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	4
204	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	7
203	Distributed constrained convex optimization over digraphs: A Fenchel dual based approach. <i>IFAC-PapersOnLine</i> , 2020 , 53, 479-482	0.7	
202	Adaptive Attack-free Output-feedback Consensus Protocol for Nonlinear MASs 2020 ,		1
201	Distributed Impulsive Control for Signed Networks of Coupled Harmonic Oscillators With Sampled Positions. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 1-1	4	6
200	On Consensus of Multiagent Systems With Input Saturation: Fully Distributed Adaptive Antiwindup Protocol Design Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 1127-1139	4	7

199	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14	7.3	17
198	Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-16	7.3	23
197	Design of Robust Discretized Sliding Mode Controller: Analysis and Application to Buck Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10672-10681	8.9	6
196	Continuous distributed algorithms for solving linear equations in finite time. <i>Automatica</i> , 2020 , 113, 10875-10879	5.5	3
195	Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. <i>Automatica</i> , 2020 , 113, 108797	5.7	54
194	Finite-Time Stability of Network Systems With Discontinuous Dynamics Over Signed Digraphs. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 4874-4881	5.9	6
193	Distributed Adaptive Observer-Based Control for Output Consensus of Heterogeneous MASs With Input Saturation Constraint. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 995-1007	3.9	17
192	Finite-Time Stability for Network Systems With Nonlinear Protocols Over Signed Digraphs. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 1557-1569	4.9	14
191	A Chaotic Ant Colony Optimized Link Prediction Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-15	7.3	5
190	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 783-796	4	16
189	Velocity and Input Constrained Coordination of Second-Order Multi-Agent Systems With Relative Output Information. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 1925-1938	4.9	14
188	Distributed Formation Navigation of Constrained Second-Order Multiagent Systems With Collision Avoidance and Connectivity Maintenance. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	15
187	Distributed Reinforcement Learning for Cyber-Physical System With Multiple Remote State Estimation Under DoS Attacker. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 3212-3222	4.9	8
186	Structural Balance Preserving and Bipartite Static Consensus of Heterogeneous Agents in Cooperation-Competition Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 3223-3234	4.9	6
185	Distributed Nash Equilibrium Seeking Over Markovian Switching Communication Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
184	Pinning a Complex Network to Follow a Target System With Predesigned Control Inputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2293-2304	7.3	20
183	Projected Primal-Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1776-1782	10.2	16
182	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1450-1459	10.2	33

181	Distributed Convex Optimization on State-Dependent Undirected Graphs: Homogeneity Technique. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 42-52	4	7
180	Designing Observer-Type Controller for Containment of Discrete-Time Linear MASs Over Signed Graph. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 511-515	3.5	12
179	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 254-265	4	26
178	Incentivizing Honest Mining in Blockchain Networks: A Reputation Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 117-121	3.5	11
177	Robust Distributed Stabilization of Heterogeneous Agents Over Cooperation/Competition Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1419-1423	3.5	10
176	Adaptive Protocol Design For Distributed Tracking With Relative Output Information: A Distributed Fixed-Time Observer Approach. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 118-128	4	24
175	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3000-3012	8.9	16
174	Hierarchical Controller-Estimator for Coordination of Networked Euler-Lagrange Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2450-2461	10.2	41
173	Delayed Impulsive Control for Consensus of Multiagent Systems With Switching Communication Graphs. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3045-3055	10.2	49
172	Distributed Reinforcement Learning Algorithm for Dynamic Economic Dispatch With Unknown Generation Cost Functions. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2258-2267	11.9	21
171	Pinning Synchronization of Complex Switching Networks With a Leader of Nonzero Control Inputs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 3100-3112	3.9	33
170	Bipartite Synchronization and Convergence Analysis for Network of Harmonic Oscillator Systems With Signed Graph and Time Delay. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 2723-2734	3.9	28
169	Model Predictive Power Dispatch and Control With Price-Elastic Load in Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1775-1787	11.9	12
168	Gaming Temporal Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 672-676	3.5	8
167	Continuous-Time Distributed Subgradient Algorithm for Convex Optimization With General Constraints. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 1694-1701	5.9	47
166	Current Sharing Control for Parallel DC/DC Buck Converters Based on Finite-Time Control Technique. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2186-2198	11.9	50
165	Finite-Time Consensus of Opinion Dynamics and its Applications to Distributed Optimization Over Digraph. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3767-3779	10.2	27
164	Position tracking control for permanent magnet linear motor via fast nonsingular terminal sliding mode control. <i>Nonlinear Dynamics</i> , 2019 , 97, 2595-2605	5	15

163	Consensus of Multi-agent Systems with Intermittent Communication and Its Extensions 2019 , 1-55		
162	Synchronization in Coupled Harmonic Oscillator Systems Based on Sampled Position Data 2019 , 1-23		
161	Barrier Function Based Consensus of High-Order Nonlinear Multi-agent Systems with State Constraints. <i>Lecture Notes in Computer Science</i> , 2019 , 492-503	0.9	2
160	Finite-Time Coordination Behavior of Multiple Euler-Lagrange Systems in Cooperation-Competition Networks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2967-2979	10.2	29
159	Distributed Discrete-time Nash Equilibrium Seeking with Markovian Switching Topologies 2019 ,		1
158	Distributed algorithm for solving linear algebraic equations: An implicit gradient neural network approach 2019 ,		2
157	Multilayered Self-triggered Control for Thermostatically Controlled Loads 2019 ,		1
156	Rendezvous of Heterogeneous Multiagent Systems With Nonuniform Time-Varying Information Delays: An Adaptive Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	5
155	Branch-Wise Parallel Successive Algorithm for Online Voltage Regulation in Distribution Networks. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 6678-6689	10.7	20
154	Consensus of Multi-Agent Systems With Heterogeneous Input Saturation Levels. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1053-1057	3.5	15
153	Fixed-Time Consensus of Nonlinear Multi-Agent Systems With General Directed Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1587-1591	3.5	45
152	On Constructing Multiple Lyapunov Functions for Tracking Control of Multiple Agents With Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 3796-3803	5.9	101
151	Fixed-Time Synchronization Control for a Class of Master-Slave Systems Based on Homogeneous Method. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1547-1551	3.5	30
150	Fully Distributed Consensus Tracking of Multiagent Systems With a High-Dimensional Leader and Directed Communication Topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1431-1435	3.5	6
149	Distributed Average Tracking for Lipschitz-Type of Nonlinear Dynamical Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4140-4152	10.2	40
148	Continuous-Time Coordination Algorithm for Distributed Convex Optimization Over Weight-Unbalanced Directed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1202-1206	3.5	32
147	Synchronization of Multi-Layer Networks: From Node-to-Node Synchronization to Complete Synchronization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 1141-1152	3.9	19
146	Consensus of Second-Order Multiagent Systems With Both Velocity and Input Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 7946-7955	8.9	32

145	Performance Analysis of Distributed Short-Path Set Based Routing in Complex Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1426-1430	3.5	2
144	Distributed Robust Global Containment Control of Second-Order Multiagent Systems With Input Saturation. <i>IEEE Transactions on Control of Network Systems</i> , 2019 , 6, 1426-1437	4	19
143	Finite-Time Distributed Average Tracking for Second-Order Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1780-1789	10.3	22
142	Designing Distributed Specified-Time Consensus Protocols for Linear Multiagent Systems Over Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2945-2952	5.9	99
141	Robust Neuro-Adaptive Containment of Multileader Multiagent Systems With Uncertain Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 406-417	7.3	52
140	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 342-353	10.2	125
139	Synchronization of nonlinear networked agents under event-triggered control. <i>Information Sciences</i> , 2018 , 459, 317-326	7.7	24
138	Swarming Behavior of Multiple Euler-Lagrange Systems With Cooperation-Competition Interactions: An Auxiliary System Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5726-5737	10.3	48
137	Adaptive Consensus-Based Robust Strategy for Economic Dispatch of Smart Grids Subject to Communication Uncertainties. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2484-2496	11.9	94
136	Distributed finite-time tracking of second-order multi-agent systems: An edge-based approach. <i>IET Control Theory and Applications</i> , 2018 , 12, 149-154	2.5	15
135	Bipartite Tracking Consensus of Linear Multi-Agent Systems With a Dynamic Leader. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1204-1208	3.5	139
134	Discrete-Time Fast Terminal Sliding Mode Control for Permanent Magnet Linear Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9916-9927	8.9	132
133	Master/Slave Synchronization of Heterogeneous Systems Under Scheduling Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 473-484	7.3	51
132	Cooperative Tracking of Networked Agents With a High-Dimensional Leader: Qualitative Analysis and Performance Evaluation. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2060-2073	10.2	33
131	Fixed-Time Synchronization of a Class of Second-Order Nonlinear Leader-Following Multi-Agent Systems. <i>Asian Journal of Control</i> , 2018 , 20, 39-48	1.7	23
130	Finite-Time Consensus for Second-Order Multi-Agent Systems With Input Saturation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1758-1762	3.5	58
129	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	28
128	Finite-time average estimation for multiple double integrators with unknown bounded inputs 2018		1

127	Containment control for multi-agent systems over Markovian switching topologies 2018 ,		1
126	Finite-Time Bipartite Consensus for Multi-Agent Systems on Directed Signed Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 4336-4348	3.9	88
125	Multiple solutions for a nonconvex variational problem with double-well potentials. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 1663-1669	1.7	
124	Robust Consensus of Fractional-Order Singular Uncertain Multi-Agent System Under Undirected Graph 2018 ,		1
123	Bipartite synchronization in coupled delayed neural networks under pinning control. <i>Neural Networks</i> , 2018 , 108, 146-154	9.1	54
122	Exponential Consensus of Multiagent Systems With Lipschitz Nonlinearities Using Sampled-Data Information. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 4363-4375	3.9	33
121	Consensus Tracking of Multi-Agent Systems With Directed Switching Topology: A Multiple Lyapunov Functions Method 2018 ,		2
120	Robust finite-time consensus formation control for multiple nonholonomic wheeled mobile robots via output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2082-2096	3.6	40
119	Pinning Synchronization of Complex Networks with Switching Topology and a Dynamic Target System. <i>Lecture Notes in Computer Science</i> , 2018 , 86-96	0.9	
118	Bipartite synchronization of Lur'e network under signed digraph. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 6087-6105	3.6	31
117	Adaptive Bipartite Containment of Multi-Agent Systems with Directed Topology and Multiple High-Dimensional Leaders 2018 ,		1
116	Analysis of Incremental Exponential Stability for Switched Nonlinear Systems 2018 ,		1
115	Observer Design for Tracking Consensus in Second-Order Multi-Agent Systems: Fractional Order Less Than Two. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 894-900	5.9	103
114	Neuro-Adaptive Consensus Tracking of Multiagent Systems With a High-Dimensional Leader. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1730-1742	10.2	108
113	Distributed Tracking of Nonlinear Multiagent Systems Under Directed Switching Topology: An Observer-Based Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 869-887	7.3	146
112	Distributed Secure Coordinated Control for Multiagent Systems Under Strategic Attacks. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1273-1284	10.2	113
111	Coordination tracking of multi-agent dynamical systems with general linear node dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 1526	3.6	19
110	A Distributed Finite-Time Consensus Algorithm for Higher-Order Leaderless and Leader-Following Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1625-1634	7.3	95

109	Distributed Optimization for Linear Multiagent Systems: Edge- and Node-Based Adaptive Designs. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3602-3609	5.9	124
108	Fixed-Time Connectivity-Preserving Distributed Average Tracking for Multiagent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 1192-1196	3.5	40
107	Complex cyber-physical networks: From cybersecurity to security control. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 46-67	1	55
106	Adaptive saturated finite-time control algorithm for buck-type DC-DC converter systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 1428-1436	2.8	10
105	Controllability and observability of an n-link robot with multiple active links. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4633-4647	3.6	10
104	Distributed Position-Based Consensus of Second-Order Multiagent Systems With Continuous/Intermittent Communication. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1860-1871	10.2	50
103	Distributed Robust Fixed-Time Consensus for Nonlinear and Disturbed Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1464-1473	7.3	147
102	Distributed Control of Networked Agent Systems: Theory and Applications. <i>Journal of Control Science and Engineering</i> , 2017 , 2017, 1-2	1.2	
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100	Distributed cooperative anti-disturbance control of multi-agent systems: an overview. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	43
99	Finite-time formation control for a group of quadrotor aircraft. <i>Aerospace Science and Technology</i> , 2017 , 69, 609-616	4.9	65
98	Routing with distributed multiple paths in networks 2017 ,		1
97	Quantized Synchronization of Chaotic Neural Networks With Scheduled Output Feedback Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2638-2647	10.3	62
96	Distributed Finite-Time Cooperative Control of Multiple High-Order Nonholonomic Mobile Robots. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2998-3006	10.3	98
95	Second-Order Consensus in Multiagent Systems via Distributed Sliding Mode Control. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1872-1881	10.2	100
94	Robust containment of uncertain linear multi-agent systems under adaptive protocols. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 2053-2069	3.6	20
93	Current sharing control for parallel DC-DC buck converters based on consensus theory 2017 ,		3
92	Distributed H _∞ control of multi-agent systems over randomly switching topologies 2017 ,		3

91	Neuro-Adaptive Containment Seeking of Multiple Networking Agents with Unknown Dynamics. <i>Lecture Notes in Computer Science</i> , 2017 , 178-186	0.9	
90	Distributed Finite-Time Cooperative Control of Multi-agent Systems. <i>Understanding Complex Systems</i> , 2016 , 163-206	0.4	1
89	Containment of Higher-Order Multi-Leader Multi-Agent Systems: A Dynamic Output Approach. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 1135-1140	5.9	260
88	A Global Detectability Condition for Consensus Tracking of Linear Multi-Agent Systems with Stochastic Disturbances. <i>Asian Journal of Control</i> , 2016 , 18, 357-366	1.7	4
87	Fixed-time consensus tracking of multi-agent systems under a directed communication topology 2016 ,		10
86	Adaptive pinning synchronization of complex networks with a target system subject to external inputs 2016 ,		1
85	Reverse Group Consensus of Multi-Agent Systems in the Cooperation-Competition Network. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 2036-2047	3.9	75
84	Distributed consensus strategy for economic power dispatch in a smart grid with communication time delays 2016 ,		5
83	Distributed consensus tracking for multi-agent systems under two types of attacks. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 896-918	3.6	127
82	Distributed average computation for multiple time-varying signals with output measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2899-2915	3.6	45
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79	Event-triggered consensus tracking of multi-agent systems with Lur'e nonlinear dynamics. <i>International Journal of Control</i> , 2016 , 89, 1025-1037	1.5	29
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77	Distributed finite-time tracking of multiple non-identical second-order nonlinear systems with settling time estimation. <i>Automatica</i> , 2016 , 64, 86-93	5.7	164
76	Application of Fractional-Order Calculus in a Class of Multi-agent Systems. <i>Understanding Complex Systems</i> , 2016 , 229-261	0.4	
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74	Event-Triggered MasterSlave Synchronization With Sampled-Data Communication. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 304-308	3.5	83

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72	Finite-time leader-following tracking by using distributed binary measurements 2016 ,		1
71	Designing adaptive consensus-based scheme for economic dispatch of smart grid 2016 ,		6
70	2016 ,		40
69	Adaptive Consensus for Multiple Nonidentical Matching Nonlinear Systems: An Edge-Based Framework. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015 , 62, 85-89	3.5	24
68	A New Framework for Analysis on Stability and Bifurcation in a Class of Neural Networks With Discrete and Distributed Delays. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2224-36	10.2	75
67	Finite-time consensus for second-order multi-agent systems with saturated control protocols. <i>IET Control Theory and Applications</i> , 2015 , 9, 312-319	2.5	49
66	Pinning Synchronization of Directed Networks With Switching Topologies: A Multiple Lyapunov Functions Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 3239-50	10.3	198
65	Finite-time consensus of multiple nonholonomic chained-form systems based on recursive distributed observer. <i>Automatica</i> , 2015 , 62, 236-242	5.7	131
64	Distributed robust control of uncertain linear multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 2162-2179	3.6	53
63	Distributed node-to-node consensus of multi-agent systems with time-varying pinning links. <i>Neurocomputing</i> , 2015 , 149, 1387-1395	5.4	31
62	Designing Fully Distributed Consensus Protocols for Linear Multi-Agent Systems With Directed Graphs. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 1152-1157	5.9	509
61	Fully distributed tracking control for non-identical multi-agent systems with matching uncertainty. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015 , 29, 1024-1037	2.8	4
60	Distributed finite-time tracking for a multi-agent system under a leader with bounded unknown acceleration. <i>Systems and Control Letters</i> , 2015 , 81, 8-13	2.4	87
59	. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 1-1	11.9	11
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57	Distributed finite-time tracking of multiple Euler-Lagrange systems without velocity measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1688-1703	3.6	110
56	Distributed H _∞ and H ₂ consensus control in directed networks. <i>IET Control Theory and Applications</i> , 2014 , 8, 193-201	2.5	26

55	Node-to-node consensus of multi-agent systems with switched pinning links 2014 ,		3
54	Consensus tracking of multi-agent systems with reduced information: A fractional-order protocol approach 2014 ,		1
53	\mathcal{H}_∞ Pinning Synchronization of Directed Networks With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014 , 61, 3245-3255	3.9	91
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51	Consensus tracking of linear multi-agent systems under networked observability conditions. <i>International Journal of Control</i> , 2014 , 87, 1478-1486	1.5	16
50	Observer design for consensus of general fractional-order multi-agent systems 2014 ,		1
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48	Modeling and Control of Complex Networked Systems. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-2	1.1	
47	Consensus of general linear and Lipschitz nonlinear multi-agent systems with reduced-order protocols 2014 ,		1
46	Pinning observability in complex networks. <i>IET Control Theory and Applications</i> , 2014 , 8, 2136-2144	2.5	12
45	Consensus tracking of linear multi-agent systems under a networked detectability condition with reduced-order protocols. <i>IET Control Theory and Applications</i> , 2014 , 8, 2238-2244	2.5	2
44	Networked Dynamical Systems: Analysis and Synthesis. <i>Discrete Dynamics in Nature and Society</i> , 2014 , 2014, 1-2	1.1	1
43	Distributed consensus of linear multi-agent systems with switching directed topologies 2014 ,		4
42	Robust distributed consensus tracking for stochastic linear multi-agent systems under directed switching topologies 2014 ,		1
41	Distributed consensus of multi-agent systems with general linear node dynamics and intermittent communications. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2438-2457	3.6	168
40	Node-to-node consensus tracking of multi-agent systems with sampled-data communication 2014 ,		4
39	Bridging the gap between complex networks and smart grids. <i>Journal of Control and Decision</i> , 2014 , 1, 102-114	0.9	39
38	Leader-following consensus of networked second-order agents with delayed information transmission. <i>IET Control Theory and Applications</i> , 2014 , 8, 1421-1428	2.5	11

37	An Improved Anti-Windup Bumpless Transfer Structures Design for Controllers Switching. <i>Asian Journal of Control</i> , 2014 , 16, 1245-1251	1.7	5
36	Consensus Tracking of Multi-Agent Systems With Lipschitz-Type Node Dynamics and Switching Topologies. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014 , 61, 499-511	3.9	537
35	A New Observer-Type Consensus Protocol for Linear Multi-Agent Dynamical Systems. <i>Asian Journal of Control</i> , 2013 , 15, 571-582	1.7	29
34	Consensus of multi-agent systems with nonlinear dynamics and sampled-data information: a delayed-input approach. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 602-619	3.6	232
33	Pinning synchronisation in fixed and switching directed networks of Lorenz-type nodes. <i>IET Control Theory and Applications</i> , 2013 , 7, 1387-1397	2.5	26
32	Consensus tracking for higher-order multi-agent systems with switching directed topologies and occasionally missing control inputs. <i>Systems and Control Letters</i> , 2013 , 62, 1151-1158	2.4	189
31	H _∞ control for uncertain switched nonlinear singular systems with time delay. <i>Nonlinear Dynamics</i> , 2013 , 74, 649-665	5	15
30	Robust consensus tracking of multi-agent systems with uncertain Lur'e-type non-linear dynamics. <i>IET Control Theory and Applications</i> , 2013 , 7, 1249-1260	2.5	37
29	Distributed finite-time tracking control for nonlinear multi-agent systems subject to external disturbances. <i>International Journal of Control</i> , 2013 , 86, 29-40	1.5	104
28	Node-to-node consensus of networked agents with general linear node dynamics 2013 ,		8
27	Distributed finite-time tracking control for multi-agent systems: An observer-based approach. <i>Systems and Control Letters</i> , 2013 , 62, 22-28	2.4	206
26	Distributed consensus control for linear multi-agent systems with discontinuous observations. <i>International Journal of Control</i> , 2013 , 86, 95-106	1.5	53
25	Distributed Control and Estimation of Networked Agent Systems. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-1	1.1	
24	Guaranteed cost tracking for uncertain coupled multi-agent systems using consensus over a directed graph 2013 ,		6
23	Adaptive containment control of coupled linear systems with parameter uncertainties 2013 ,		4
22	Consensus control of switching directed networks with general linear node dynamics 2013 ,		3
21	Consensus of second-order multi-agent systems with delayed nonlinear dynamics and intermittent communications. <i>International Journal of Control</i> , 2013 , 86, 322-331	1.5	143
20	Distributed Containment Control of Linear Multi-agent Systems with Multiple Higher-dimensional Leaders. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 136-140		2

19	Distributed H _∞ consensus of multi-agent systems: a performance region-based approach. <i>International Journal of Control</i> , 2012 , 85, 332-341	1.5	74
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16	Consensus and its L2-gain performance of multi-agent systems with intermittent information transmissions. <i>International Journal of Control</i> , 2012 , 85, 384-396	1.5	98
15	Stochastic consensus in directed networks of agents with non-linear dynamics and repairable actuator failures. <i>IET Control Theory and Applications</i> , 2012 , 6, 1583	2.5	49
14	Consensus in multi-agent systems with communication constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 170-182	3.6	225
13	Flocking of multi-agent dynamical systems with intermittent nonlinear velocity measurements. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 1790-1805	3.6	55
12	Distributed containment control of linear multi-agent systems using output information 2012 ,		1
11	Consensus tracking of nonlinear multi-agent systems with switching directed topologies 2012 ,		4
10	Distributed containment control of uncertain linear multi-agent systems 2012 ,		2
9	Second-order consensus for nonlinear multi-agent systems with intermittent measurements 2011 ,		4
8	A weighted local-world evolving network model with aging nodes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011 , 390, 4012-4026	3.3	32
7	DYNAMICS BEHAVIORS OF WEIGHTED LOCAL-WORLD EVOLVING NETWORKS WITH EXTENDED LINKS. <i>International Journal of Modern Physics C</i> , 2009 , 20, 1719-1735	1.1	9
6	The emergence of scale-free networks with a seceding mechanism. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 4484-4490	3.3	1
5	Evolving Model of Weighted Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 1575-1590	0.2	
4	EVOLVING MODEL OF SCALE-FREE NETWORKS WITH INTRINSIC LINKS. <i>International Journal of Modern Physics C</i> , 2008 , 19, 1129-1144	1.1	2
3	WEIGHTED EVOLVING NETWORKS WITH INTRINSIC STRENGTH. <i>International Journal of Modern Physics C</i> , 2007 , 18, 1435-1442	1.1	6
2	Distributed Concurrent Targeting of Point Source Queues		

1 Cooperative Control of Complex Network Systems with Dynamic Topologies

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