

Guanghui Wen

List of Publications by Citations

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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	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
269	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
268	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
267	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
266	Consensus in multi-agent systems with communication constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 170-182	3.6	225
265	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
264	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
263	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
262	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
261	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
260	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
259	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
258	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
257	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
256	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
255	Finite-time consensus of multiple nonholonomic chained-form systems based on recursive distributed observer. <i>Automatica</i> , 2015 , 62, 236-242	5.7	131
254	Robust fixed-time synchronization of delayed Cohen-Grossberg neural networks. <i>Neural Networks</i> , 2016 , 73, 86-94	9.1	130

253	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
252	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
251	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
250	Distributed Secure Coordinated Control for Multiagent Systems Under Strategic Attacks. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1273-1284	10.2	113
249	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
248	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
247	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
246	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
245	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
244	Second-Order Consensus in Multiagent Systems via Distributed Sliding Mode Control. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 1872-1881	10.2	100
243	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
242	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
241	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
240	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
239	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
238	\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
237	Distributed \mathcal{H}_∞ Consensus of Higher Order Multiagent Systems With Switching Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2014 , 61, 359-363	3.5	89
236	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

235	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
234	Event-Triggered Master/Slave Synchronization With Sampled-Data Communication. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 304-308	3.5	83
233	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
232	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
231	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
230	A Connectivity-preserving flocking algorithm for multi-agent dynamical systems with bounded potential function. <i>IET Control Theory and Applications</i> , 2012 , 6, 813	2.5	71
229	Finite-time formation control for a group of quadrotor aircraft. <i>Aerospace Science and Technology</i> , 2017 , 69, 609-616	4.9	65
228	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
227	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
226	Complex cyber-physical networks: From cybersecurity to security control. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 46-67	1	55
225	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
224	Leader/Following Attitude Consensus for Spacecraft Formation with Rigid and Flexible Spacecraft. <i>Journal of Guidance, Control, and Dynamics</i> , 2016 , 39, 944-951	2.1	54
223	Bipartite synchronization in coupled delayed neural networks under pinning control. <i>Neural Networks</i> , 2018 , 108, 146-154	9.1	54
222	Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. <i>Automatica</i> , 2020 , 113, 108797	5.7	54
221	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
220	Distributed consensus control for linear multi-agent systems with discontinuous observations. <i>International Journal of Control</i> , 2013 , 86, 95-106	1.5	53
219	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
218	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

217	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
216	Current Sharing Control for Parallel DCDC Buck Converters Based on Finite-Time Control Technique. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2186-2198	11.9	50
215	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
214	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
213	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
212	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
211	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
210	Distributed node-to-node consensus of multi-agent systems with stochastic sampling. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 110-124	3.6	46
209	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
208	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
207	Distributed cooperative anti-disturbance control of multi-agent systems: an overview. <i>Science China Information Sciences</i> , 2017 , 60, 1	3.4	43
206	Hierarchical Controller-Estimator for Coordination of Networked Euler-Lagrange Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2450-2461	10.2	41
205	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
204	Distributed Average Tracking for Lipschitz-Type of Nonlinear Dynamical Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4140-4152	10.2	40
203	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
202	2016 ,		40
201	Bridging the gap between complex networks and smart grids. <i>Journal of Control and Decision</i> , 2014 , 1, 102-114	0.9	39
200	Synchronization of Coupled Harmonic Oscillators via Sampled Position Data Control. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 1079-1088	3.9	38

199	Robust containment tracking of uncertain linear multi-agent systems: a non-smooth control approach. <i>International Journal of Control</i> , 2014 , 87, 2522-2534	1.5	38
198	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
197	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
196	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
195	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
194	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
193	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
192	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
191	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
190	Distributed node-to-node consensus of multi-agent systems with time-varying pinning links. <i>Neurocomputing</i> , 2015 , 149, 1387-1395	5.4	31
189	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
188	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
187	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
186	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
185	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
184	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
183	Synchronization of Resilient Complex Networks Under Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1116-1127	7.3	29
182	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

181	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
180	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
179	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
178	Distributed H ₁ and H ₂ consensus control in directed networks. <i>IET Control Theory and Applications</i> , 2014 , 8, 193-201	2.5	26
177	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
176	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 254-265	4	26
175	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
174	Synchronization of nonlinear networked agents under event-triggered control. <i>Information Sciences</i> , 2018 , 459, 317-326	7.7	24
173	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
172	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
171	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
170	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
169	Fixed-time bipartite synchronization with a pre-appointed settling time over directed cooperative-antagonistic networks. <i>Automatica</i> , 2021 , 123, 109301	5.7	23
168	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
167	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
166	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
165	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
164	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

163	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
162	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
161	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
160	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
159	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
158	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
157	Designing Discrete-Time Sliding Mode Controller With Mismatched Disturbances Compensation. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4109-4118	11.9	18
156	Adaptive attack-free protocol for consensus tracking with pure relative output information. <i>Automatica</i> , 2020 , 117, 108998	5.7	17
155	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-14	7.3	17
154	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
153	Consensus tracking of linear multi-agent systems under networked observability conditions. <i>International Journal of Control</i> , 2014 , 87, 1478-1486	1.5	16
152	. <i>IEEE Transactions on Control of Network Systems</i> , 2020 , 7, 783-796	4	16
151	Projected Primal-Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1776-1782	10.2	16
150	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
149	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
148	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
147	H _∞ control for uncertain switched nonlinear singular systems with time delay. <i>Nonlinear Dynamics</i> , 2013 , 74, 649-665	5	15
146	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

145	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
144	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
143	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
142	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
141	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
140	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
139	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
138	Pinning observability in complex networks. <i>IET Control Theory and Applications</i> , 2014 , 8, 2136-2144	2.5	12
137	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
136	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
135	. <i>IEEE Transactions on Industrial Informatics</i> , 2015 , 1-1	11.9	11
134	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
133	Distributed consensus of multi-agent systems with general linear node dynamics through intermittent communications 2012 ,		11
132	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
131	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
130	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
129	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
128	Fixed-time consensus tracking of multi-agent systems under a directed communication topology 2016 ,		10

127	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
126	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
125	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
124	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
123	Gaming Temporal Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 672-676	3.5	8
122	Node-to-node consensus of networked agents with general linear node dynamics 2013 ,		8
121	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
120	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	7
119	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
118	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
117	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
116	Resilient Consensus of Multiagent Systems Under Malicious Attacks: Appointed-Time Observer-Based Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	7
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31	Homogeneous constrained finite-time controller for double integrator systems: Analysis and experiment. <i>Automatica</i> , 2021 , 134, 109894	5.7	1
30	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
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10	Consensus of Multi-agent Systems with Intermittent Communication and Its Extensions 2019 , 1-55		
9	Synchronization in Coupled Harmonic Oscillator Systems Based on Sampled Position Data 2019 , 1-23		
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