

# Mao-long Lv

## List of Publications by Year in Descending Order

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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.

193  
papers

9,816  
citations

44  
h-index

97  
g-index

233  
ext. papers

12,348  
ext. citations

4.6  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
193	Adaptive Prescribed Performance Asymptotic Tracking for High-Order Odd-Rational-Power Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2022</b> , 1-1	5.9	2
192	Distributed Coordinated Control for Fixed-Wing UAVs with Dynamic Event-Triggered Communication. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	1
191	Design of singularity-free fixed-time fault-tolerant control for HFVs with guaranteed asymmetric time-varying flight state constraints. <i>Aerospace Science and Technology</i> , <b>2022</b> , 120, 107270	4.9	0
190	Adaptive fixed-time control for attitude consensus of disturbed multi-spacecraft systems with directed topologies. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	3
189	Logic-based distributed switching control for agents in power-chained form with multiple unknown control directions. <i>Automatica</i> , <b>2022</b> , 137, 110143	5.7	7
188	An Adaptive Disturbance Decoupling Perspective to Longitudinal Platooning <b>2022</b> , 6, 668-673		1
187	Fast Nonsingular Fixed-Time Fuzzy Fault-Tolerant Control for HFVs with Guaranteed Time-Varying Flight State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	1
186	On Structural and Safety Properties of Head-to-Tail String Stability in Mixed Platoons. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-13	6.1	0
185	Observer-Based Event-Triggered Adaptive Fuzzy Control for Fractional-Order Time-Varying Delayed MIMO Systems Against Actuator Faults. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	0
184	Distributed Disturbance-and-Leader Estimation for Controlling Networks of Nonholonomic Mobile Robots. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-10	3.9	2
183	Distributed Output Feedback Funnel Control for Uncertain Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3
182	Event-Triggered Adaptive Fault-Tolerant Synchronization Tracking Control for Multiple 6-DOF Fixed-Wing UAVs. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	5
181	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> , <b>2021</b> , 1-13	7.3	3
180	Distributed Fast Finite-Time Tracking Consensus of Multi-Agent Systems With a Dynamic Leader. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	0
179	Distributed Adaptive Fixed-Time Fault-Tolerant Control for Multiple 6-DOF UAVs With Full-State Constraints Guarantee. <i>IEEE Systems Journal</i> , <b>2021</b> , 1-12	4.3	0
178	Fuzzy adaptive finite-time consensus tracking control of high-order nonlinear multi-agent networks with dead zone. <i>Nonlinear Dynamics</i> , <b>2021</b> , 106, 3363	5	1
177	Continuous-Time Distributed Proximal Gradient Algorithms for Nonsmooth Resource Allocation Over General Digraphs. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 1733-1744	4.9	6

176	Neural-Network Based Adaptive Self-Triggered Consensus of Nonlinear Multi-Agent Systems With Sensor Saturation. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8, 1531-1541	4.9	7
175	Realization of trajectory precise tracking for hypersonic flight vehicles with prescribed performances. <i>Aerospace Science and Technology</i> , <b>2021</b> , 111, 106554	4.9	4
174	Adaptive accurate tracking control of HFVs in the presence of dead-zone and hysteresis input nonlinearities. <i>Chinese Journal of Aeronautics</i> , <b>2021</b> , 34, 642-651	3.7	8
173	Fast Distributed Average Tracking in Multiagent Networks: The Case With General Linear Agent Dynamics. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 997-1009	4	6
172	Generalized Nash Equilibrium Seeking via Continuous-Time Coordination Dynamics Over Digraphs. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 1023-1033	4	3
171	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2679-2691	6.1	22
170	Discrete-Time Algorithm for Distributed Unconstrained Optimization Problem With Finite-Time Computations. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 351-355	3.5	2
169	. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2250-2256	5.9	16
168	Adaptive Leader-Follower Synchronization Over Heterogeneous and Uncertain Networks of Linear Systems Without Distributed Observer. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 1925-1931	5.9	6
167	Finite-time consensus of multiagent systems with input saturation and disturbance. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 2097-2109	3.6	13
166	Distributed Resource Allocation Over Directed Graphs via Continuous-Time Algorithms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1097-1106	7.3	29
165	Synchronization of Resilient Complex Networks Under Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 1116-1127	7.3	29
164	Distributed Adaptive Finite-Time Consensus for Second-Order Multiagent Systems With Mismatched Disturbances Under Directed Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1347-1358	10.2	20
163	A distributed normalized Nash equilibrium seeking algorithm for power allocation among micro-grids. <i>Science China Technological Sciences</i> , <b>2021</b> , 64, 341-352	3.5	0
162	Distributed Nash Equilibrium Seeking in an Aggregative Game on a Directed Graph. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 66, 2746-2753	5.9	13
161	. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 51-64	4	3
160	Distributed fixed step-size algorithm for dynamic economic dispatch with power flow limits. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	1
159	Adaptive Fuzzy Tracking Control Design for a Class of Uncertain Nonstrict-Feedback Fractional-Order Nonlinear SISO Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 3039-3053	10.2	11

158	Distributed Optimization of Multiagent Systems Subject to Inequality Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2232-2241	10.2	4
157	DLSTM: Distributed Long Short-Term Memory Neural Networks for the Internet of Things. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	1
156	Consensus of Lur'e multi-agent systems with directed switching topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	0
155	Multi-dimensional Privacy-Preserving Average Consensus in Wireless Sensor Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
154	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 1-1	5.5	12
153	A Separation-Based Methodology to Consensus Tracking of Switched High-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	22
152	Distributed Q-Learning Algorithm for Dynamic Resource Allocation With Unknown Objective Functions and Application to Microgrid. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
151	Output-Feedback Self-Synchronization of Directed Lur'e Networks via Global Connectivity. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	1
150	Robust Distributed Average Tracking for Disturbed Second-Order Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	2
149	Distributed Online Bandit Learning in Dynamic Environments over Unbalanced Digraphs. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	2
148	Barrier Lypunov functions-based nonsingular fixed-time switching control for strict-feedback nonlinear dynamics with full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 7862	3.6	1
147	Cyclic Communication in Adaptive Strategies to Platooning: The Case of Synchronized Merging. <i>IEEE Transactions on Intelligent Vehicles</i> , <b>2021</b> , 6, 490-500	5	11
146	Coordinating directional switches in pigeon flocks: the role of nonlinear interactions. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210649	3.3	1
145	Nonsmooth Resource Allocation of Multiagent Systems With Disturbances: A Proximal Approach. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 1454-1464	4	4
144	Distributed average tracking problem under directed networks: a distributed estimator-based design. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 1-1	4	2
143	Prediction of COVID-19 spread by sliding mSEIR observer. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	7
142	Formation Control of Nonholonomic Mobile Robots Using Distributed Estimators. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3162-3166	3.5	10
141	Neuro-Adaptive Cooperative Tracking Rendezvous of Nonholonomic Mobile Robots. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3167-3171	3.5	5

140	Tri-Level Mixed-Integer Optimization for Two-Stage Microgrid Dispatch With Multi-Uncertainties. <i>IEEE Transactions on Power Systems</i> , <b>2020</b> , 35, 3636-3647	7	13
139	Consensus in High-Power Multiagent Systems With Mixed Unknown Control Directions via Hybrid Nussbaum-Based Control. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	27
138	Fuzzy Adaptive Tracking Control of High-order Nonlinear Dynamics with Mixed Control Directions <b>2020</b> ,		1
137	On Distributed Implementation of Switch-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2
136	Robust second-order finite-time formation control of heterogeneous multi-agent systems on directed communication graphs. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 816-823	2.5	7
135	Effects of Measurement Noise on Flocking Dynamics of Cucker-Bmale Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 2064-2068	3.5	8
134	Short-term power load forecasting using integrated methods based on long short-term memory. <i>Science China Technological Sciences</i> , <b>2020</b> , 63, 614-624	3.5	8
133	Leaderless Consensus of Ring-Networked Mobile Robots via Distributed Saturated Control. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 10723-10731	8.9	4
132	Ridesourcing Behavior Analysis and Prediction: A Network Perspective. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-10	6.1	2
131	On Training Traffic Predictors via Broad Learning Structures: A Benchmark Study. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10	7.3	5
130	Maximum Markovian order detection for collective behavior. <i>Chaos</i> , <b>2020</b> , 30, 083121	3.3	
129	Adaptive Fuzzy Finite-Time Tracking Control of Uncertain Non-Affine Multi-Agent Systems With Input Quantization. <i>IEEE Access</i> , <b>2020</b> , 8, 187623-187633	3.5	2
128	Distributed Reinforcement Learning for Cyber-Physical System With Multiple Remote State Estimation Under DoS Attacker. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 3212-3222	4.9	8
127	Prediction of COVID-19 spread via LSTM and the deterministic SEIR model <b>2020</b> ,		3
126	Finite-Time Fuzzy Adaptive Consensus for Heterogeneous Nonlinear Multi-Agent Systems. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2020</b> , 7, 3057-3066	4.9	31
125	Projected Primal-Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1776-1782	10.2	16
124	Nonlinear Systems With Uncertain Periodically Disturbed Control Gain Functions: Adaptive Fuzzy Control With Invariance Properties. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 746-757	8.3	20
123	Distributed Convex Optimization on State-Dependent Undirected Graphs: Homogeneity Technique. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 42-52	4	7

122	Robust Distributed Stabilization of Heterogeneous Agents Over Cooperation/Competition Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 1419-1423	3.5	10
121	A Switching-Based Adaptive Dynamic Programming Method to Optimal Traffic Signaling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4160-4170	7.3	10
120	Accurate Privacy Preserving Average Consensus. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 690-694	3.5	10
119	Distributed consensus-based algorithm for social welfare in smart grid with transmission losses. <i>Science China Technological Sciences</i> , <b>2020</b> , 63, 44-54	3.5	1
118	Distributed Reinforcement Learning Algorithm for Dynamic Economic Dispatch With Unknown Generation Cost Functions. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2258-2267	11.9	21
117	An integral sliding mode observer for CPS cyber security attack detection. <i>Chaos</i> , <b>2019</b> , 29, 043120	3.3	9
116	Pinning Synchronization of Complex Switching Networks With a Leader of Nonzero Control Inputs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 3100-3112	3.9	33
115	Fuzzy Adaptive DSC Design for an Extended Class of MIMO Pure-Feedback Non-Affine Nonlinear Systems in the Presence of Input Constraints. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-14	1.1	1
114	Tracking Consensus of General Nonlinear Multiagent Systems With External Disturbances Under Directed Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 4772-4779	5.9	16
113	Observer-based formation tracking control for leader-follower multi-agent systems. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 239-247	2.5	10
112	Continuous-Time Distributed Subgradient Algorithm for Convex Optimization With General Constraints. <i>IEEE Transactions on Automatic Control</i> , <b>2019</b> , 64, 1694-1701	5.9	47
111	An Observer-Based Fixed-Time Consensus Control for Second-Order Multi-Agent Systems With Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 247-251	3.5	30
110	The Set-Invariance Paradigm in Fuzzy Adaptive DSC Design of Large-Scale Nonlinear Input-Constrained Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-11	7.3	30
109	Finite-time and fixed-time consensus problems for second-order multi-agent systems with reduced state information. <i>Science China Information Sciences</i> , <b>2019</b> , 62, 1	3.4	6
108	A Novel Disturbance Observer Design for a Larger Class of Nonlinear Strict-Feedback Systems via Improved DSC Technique. <i>IEEE Access</i> , <b>2019</b> , 7, 102455-102466	3.5	5
107	Distributed algorithm for solving linear algebraic equations: An implicit gradient neural network approach <b>2019</b> ,		2
106	Dynamical economic dispatch using distributed barrier function-based optimization algorithm. <i>Science China Technological Sciences</i> , <b>2019</b> , 62, 2104-2112	3.5	2
105	Adaptive Asymptotic Tracking for a Class of Uncertain Switched Positive Compartmental Models With Application to Anesthesia. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 1-7	7.3	8

104	Inferring causal relationship in coordinated flight of pigeon flocks. <i>Chaos</i> , <b>2019</b> , 29, 113118	3.3	19
103	Fixed-Time Consensus of Nonlinear Multi-Agent Systems With General Directed Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 1587-1591	3.5	45
102	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> , <b>2019</b> , 66, 1431-1435	3.5	6
101	Continuous-Time Coordination Algorithm for Distributed Convex Optimization Over Weight-Unbalanced Directed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2019</b> , 66, 1202-1206	3.5	32
100	Synchronization of Multi-Layer Networks: From Node-to-Node Synchronization to Complete Synchronization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 1141-1152	3.9	19
99	Consensus of Second-Order Multiagent Systems With Both Velocity and Input Constraints. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 7946-7955	8.9	32
98	A Novel Class of Distributed Fixed-Time Consensus Protocols for Second-Order Nonlinear and Disturbed Multi-Agent Systems. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2019</b> , 6, 760-772	4.9	27
97	The Non-Smoothness Problem in Disturbance Observer Design: A Set-Invariance-Based Adaptive Fuzzy Control Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 598-604	8.3	28
96	Adaptive hierarchical formation control for uncertain Euler-Lagrange systems using distributed inverse dynamics. <i>European Journal of Control</i> , <b>2019</b> , 48, 52-65	2.5	10
95	Robust Neuro-Adaptive Containment of Multileader Multiagent Systems With Uncertain Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 406-417	7.3	52
94	Finite-Time Connectivity-Preserving Consensus for Second-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Control of Network Systems</i> , <b>2019</b> , 6, 236-248	4	36
93	Adaptive Consensus-Based Robust Strategy for Economic Dispatch of Smart Grids Subject to Communication Uncertainties. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 2484-2496	11.9	94
92	Bipartite Tracking Consensus of Linear Multi-Agent Systems With a Dynamic Leader. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2018</b> , 65, 1204-1208	3.5	139
91	Master-Slave Synchronization of Heterogeneous Systems Under Scheduling Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 473-484	7.3	51
90	Cooperative Tracking of Networked Agents With a High-Dimensional Leader: Qualitative Analysis and Performance Evaluation. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2060-2073	10.2	33
89	A DSC method for strict-feedback nonlinear systems with possibly unbounded control gain functions. <i>Neurocomputing</i> , <b>2018</b> , 275, 1383-1392	5.4	19
88	Finite-Time Consensus for Second-Order Multi-Agent Systems With Input Saturation. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2018</b> , 65, 1758-1762	3.5	58
87	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , <b>2018</b> , 61, 1	3.4	28

86	Finite-Time Bipartite Consensus for Multi-Agent Systems on Directed Signed Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 4336-4348	3.9	88
85	Exponential Consensus of Multiagent Systems With Lipschitz Nonlinearities Using Sampled-Data Information. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 4363-4375	3.9	33
84	Fully-distributed finite-time consensus of second-order multi-agent systems on a directed network <b>2018</b> ,		5
83	Global exponential stability and lag synchronization for delayed memristive fuzzy Cohen-Grossberg BAM neural networks with impulses. <i>Neural Networks</i> , <b>2018</b> , 98, 122-153	9.1	62
82	Robust node-to-node consensus of linear multiagent systems with directed switching topologies subject to uncertain pinning communications. <i>International Journal of Robust and Nonlinear Control</i> , <b>2018</b> , 28, 1886-1900	3.6	8
81	Neural networks-based robust adaptive flight path tracking control of large transport. <i>Engineering Review</i> , <b>2018</b> , 38, 268-278	0.2	
80	Automating occupant-building interaction via smart zoning of thermostatic loads: A switched self-tuning approach. <i>Applied Energy</i> , <b>2018</b> , 231, 1246-1258	10.7	46
79	Hybrid Adaptive Chassis Control for Vehicle Lateral Stability in the Presence of Uncertainty <b>2018</b> ,		3
78	Turing Instability and Bifurcation in a Diffusion Predator-Prey Model with Beddington-DeAngelis Functional Response. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2018</b> , 28, 1830029	2	5
77	Efficient Computation for Sparse Load Shifting in Demand Side Management. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 250-261	10.7	158
76	Neuro-Adaptive Consensus Tracking of Multiagent Systems With a High-Dimensional Leader. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1730-1742	10.2	108
75	Distributed Tracking of Nonlinear Multiagent Systems Under Directed Switching Topology: An Observer-Based Protocol. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 869-887	7.3	146
74	Coordination tracking of multi-agent dynamical systems with general linear node dynamics. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 1526	3.6	19
73	Fixed-Time Connectivity-Preserving Distributed Average Tracking for Multiagent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2017</b> , 64, 1192-1196	3.5	40
72	Complex cyber-physical networks: From cybersecurity to security control. <i>Journal of Systems Science and Complexity</i> , <b>2017</b> , 30, 46-67	1	55
71	Distributed Robust Fixed-Time Consensus for Nonlinear and Disturbed Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1464-1473	7.3	147
70	Adaptive NN Control for Multisteering Plane Aircraft with Dead Zone or Backlash Input Nonlinearity. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-8	1.1	2
69	Distributed cooperative anti-disturbance control of multi-agent systems: an overview. <i>Science China Information Sciences</i> , <b>2017</b> , 60, 1	3.4	43



68	Routing with distributed multiple paths in networks <b>2017</b> ,		1
67	Adaptive tracking control for non-affine nonlinear systems with non-affine function possibly being discontinuous. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 1115-1122	2.3	7
66	Second-Order Consensus in Multiagent Systems via Distributed Sliding Mode Control. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1872-1881	10.2	100
65	Global exponential stability and synchronization of memristive neural networks including both time-varying and continuously distributed delays <b>2017</b> ,		1
64	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1775-1785	11.9	217
63	Containment of Higher-Order Multi-Leader Multi-Agent Systems: A Dynamic Output Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2016</b> , 61, 1135-1140	5.9	260
62	Fixed-time consensus tracking of multi-agent systems under a directed communication topology <b>2016</b> ,		10
61	Adaptive pinning synchronization of complex networks with a target system subject to external inputs <b>2016</b> ,		1
60	Reverse Group Consensus of Multi-Agent Systems in the Cooperation-Competition Network. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2016</b> , 63, 2036-2047	3.9	75
59	Distributed consensus strategy for economic power dispatch in a smart grid with communication time delays <b>2016</b> ,		5
58	Distributed node-to-node consensus of multi-agent systems with stochastic sampling. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 110-124	3.6	46
57	Robust fixed-time synchronization of delayed Cohen-Grossberg neural networks. <i>Neural Networks</i> , <b>2016</b> , 73, 86-94	9.1	130
56	An Adaptive Dynamic Surface Controller for Ultralow Altitude Airdrop Flight Path Angle with Actuator Input Nonlinearity. <i>Mathematical Problems in Engineering</i> , <b>2016</b> , 2016, 1-9	1.1	3
55	Distributed Robust Control for Linear Multiagent Systems With Intermittent Communications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2016</b> , 63, 838-842	3.5	21
54	Designing adaptive consensus-based scheme for economic dispatch of smart grid <b>2016</b> ,		6
53	<b>2016</b> ,		40
52	Robust synchronisation of second-order multi-agent system via pinning control. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 775-783	2.5	18
51	Discontinuous Lyapunov approach to state estimation and filtering of jumped systems with sampled-data. <i>Neural Networks</i> , <b>2015</b> , 68, 12-22	9.1	14

50	Higher order finite-time consensus protocol for heterogeneous multi-agent systems. <i>International Journal of Control</i> , <b>2015</b> , 88, 285-294	1.5	60
49	Finite-time synchronisation control of complex networks via non-smooth analysis. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 1245-1253	2.5	36
48	Successive lag synchronization on nonlinear dynamical networks via linear feedback control. <i>Nonlinear Dynamics</i> , <b>2015</b> , 80, 421-430	5	25
47	Leader-following consensus of non-linear multi-agent systems with jointly connected topology. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 432-440	2.5	75
46	Impulsive synchronization schemes of stochastic complex networks with switching topology: average time approach. <i>Neural Networks</i> , <b>2014</b> , 54, 85-94	9.1	120
45	Exponential synchronization of memristive Cohen-Grossberg neural networks with mixed delays. <i>Cognitive Neurodynamics</i> , <b>2014</b> , 8, 239-49	4.2	148
44	Consensus tracking of multi-agent systems with reduced information: A fractional-order protocol approach <b>2014</b> ,		1
43	Robust containment tracking of uncertain linear multi-agent systems: a non-smooth control approach. <i>International Journal of Control</i> , <b>2014</b> , 87, 2522-2534	1.5	38
42	Finite-Time Containment Control for Second-Order Multiagent Systems Under Directed Topology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2014</b> , 61, 619-623	3.5	57
41	Group consensus for multiple networked Euler-Lagrange systems with parametric uncertainties. <i>Journal of Systems Science and Complexity</i> , <b>2014</b> , 27, 632-649	1	4
40	Distributed $\mathcal{H}_\infty$ Consensus of Higher Order Multiagent Systems With Switching Topologies. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2014</b> , 61, 359-363	3.5	89
39	A new switching design to finite-time stabilization of nonlinear systems with applications to neural networks. <i>Neural Networks</i> , <b>2014</b> , 57, 94-102	9.1	80
38	Modeling and Control of Complex Networked Systems. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-2	1.1	
37	Pinning observability in complex networks. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2136-2144	2.5	12
36	Bridging the gap between complex networks and smart grids. <i>Journal of Control and Decision</i> , <b>2014</b> , 1, 102-114	0.9	39
35	Optimal economic dispatch by fast distributed gradient <b>2014</b> ,		7
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> , <b>2013</b> , 23, 602-619	3.6	232
33	Applications of Collective Circular Motion Control to Multirobot Systems. <i>IEEE Transactions on Control Systems Technology</i> , <b>2013</b> , 21, 1416-1422	4.8	39

32	Pinning synchronisation in fixed and switching directed networks of Lorenz-type nodes. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1387-1397	2.5	26
31	Swarming behaviors in multi-agent systems with nonlinear dynamics. <i>Chaos</i> , <b>2013</b> , 23, 043118	3.3	28
30	Node-to-node consensus of networked agents with general linear node dynamics <b>2013</b> ,		8
29	An Overview of Recent Progress in the Study of Distributed Multi-Agent Coordination. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 427-438	11.9	1279
28	Consensus for second-order agent dynamics with velocity estimators via pinning control. <i>IET Control Theory and Applications</i> , <b>2013</b> , 7, 1196-1205	2.5	13
27	Distributed Control and Estimation of Networked Agent Systems. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-1	1.1	
26	Consensus control of switching directed networks with general linear node dynamics <b>2013</b> ,		3
25	Consensus of second-order multi-agent systems with delayed nonlinear dynamics and intermittent communications. <i>International Journal of Control</i> , <b>2013</b> , 86, 322-331	1.5	143
24	Distributed Adaptive Control of Synchronization in Complex Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 2153-2158	5.9	259
23	Pinning-Controllability Analysis of Complex Networks: An M-Matrix Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2012</b> , 59, 2692-2701	3.9	110
22	Consensus in multi-agent systems with communication constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2012</b> , 22, 170-182	3.6	225
21	Pinning control of general multi-agent systems <b>2012</b> ,		1
20	Adaptive synchronization of uncertain coupled stochastic complex networks. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 418-429	1.7	48
19	Second-order consensus for multiagent systems with directed topologies and nonlinear dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 881-91		668
18	Robust adaptive flocking control of nonlinear multi-agent systems <b>2010</b> ,		6
17	Some necessary and sufficient conditions for second-order consensus in multi-agent dynamical systems. <i>Automatica</i> , <b>2010</b> , 46, 1089-1095	5.7	938
16	On pinning synchronization of complex dynamical networks. <i>Automatica</i> , <b>2009</b> , 45, 429-435	5.7	761
15	Local synchronization of a complex network model. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 230-41		114

14	Estimating Uncertain Delayed Genetic Regulatory Networks: An Adaptive Filtering Approach. <i>IEEE Transactions on Automatic Control</i> , <b>2009</b> , 54, 892-897	5.9	56
13	Distributed consensus filtering in sensor networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 1568-77		312
12	Stability and Hopf bifurcation of a general delayed recurrent neural network. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 845-54		63
11	Robust control of delayed Cohen-Grossberg neural networks. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2008</b> , 22, 221-242	2.8	7
10	An LMI approach to global asymptotic stability of the delayed Cohen-Grossberg neural network via nonsmooth analysis. <i>Neural Networks</i> , <b>2007</b> , 20, 810-8	9.1	39
9	New communication schemes based on adaptive synchronization. <i>Chaos</i> , <b>2007</b> , 17, 033114	3.3	38
8	Robust Control of Uncertain Stochastic Recurrent Neural Networks with Time-varying Delay. <i>Neural Processing Letters</i> , <b>2007</b> , 26, 101-119	2.4	21
7	A LMI-based approach to global asymptotic stability of neural networks with time varying delays. <i>Nonlinear Dynamics</i> , <b>2007</b> , 48, 165-174	5	22
6	STABILITY AND HOPF BIFURCATION ON A TWO-NEURON SYSTEM WITH TIME DELAY IN THE FREQUENCY DOMAIN. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2007</b> , 17, 1355-1366	2	21
5	Parameter identification of dynamical systems from time series. <i>Physical Review E</i> , <b>2007</b> , 75, 067201	2.4	99
4	Adaptive Q-S (lag, anticipated, and complete) time-varying synchronization and parameters identification of uncertain delayed neural networks. <i>Chaos</i> , <b>2006</b> , 16, 023119	3.3	59
3	Distributed Concurrent Targeting of Point Source Queues		
2	Neural-network-based adaptive tracking control for nonlinear pure-feedback systems subject to periodic disturbance. <i>International Journal of Control</i> , 1-11	1.5	0
1	Unsupervised detection of botnet activities using frequent pattern tree mining. <i>Complex &amp; Intelligent Systems</i> , 1	7.1	1