

# Wenwu Yu

## 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.

259  
papers

16,060  
citations

60  
h-index

122  
g-index

303  
ext. papers

19,645  
ext. citations

4.4  
avg, IF

7.32  
L-index

#	Paper	IF	Citations
259	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
258	An Adaptive Disturbance Decoupling Perspective to Longitudinal Platooning <b>2022</b> , 6, 668-673		1
257	A Cooperative Protocol for Vehicle Merging Using Bi-dimensional Artificial Potential Fields. <i>Lecture Notes in Networks and Systems</i> , <b>2022</b> , 566-577	0.5	
256	Distributed Stabilization of Multiple Heterogeneous Agents in the Strong-Weak Competition Network: A Switched System Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 5328-5341	10.2	4
255	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
254	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
253	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
252	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
251	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
250	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2679-2691	6.1	22
249	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
248	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
247	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
246	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
245	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
244	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
243	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

242	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
241	. <i>IEEE Transactions on Control of Network Systems</i> , <b>2021</b> , 8, 51-64	4	3
240	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
239	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
238	Distributed Optimization of Multiagent Systems Subject to Inequality Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2232-2241	10.2	4
237	Continuous-Time Algorithms Based on Finite-Time Consensus for Distributed Constrained Convex Optimization. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	1
236	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
235	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
234	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
233	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
232	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
231	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
230	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
229	Fully distributed consensus control for a class of disturbed second-order multi-agent systems with directed networks. <i>Automatica</i> , <b>2021</b> , 132, 109816	5.7	4
228	Distributed discrete-time convex optimization with nonidentical local constraints over time-varying unbalanced directed graphs. <i>Automatica</i> , <b>2021</b> , 134, 109899	5.7	2
227	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
226	Prediction of COVID-19 spread by sliding mSEIR observer. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	7
225	Probabilistic causal inference for coordinated movement of pigeon flocks. <i>Europhysics Letters</i> , <b>2020</b> , 130, 28004	1.6	4

224	Event-Triggered Control for a Class of Nonlinear Multiagent Systems With Directed Graph. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-8	7.3	7
223	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
222	Adaptive Event-Triggered Control for Unknown Second-Order Nonlinear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	6
221	Consensus for hybrid multi-agent systems with pulse-modulated protocols. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2020</b> , 36, 100867	4.5	4
220	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
219	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
218	Observer-Based Consensus Protocol for Directed Switching Networks With a Leader of Nonzero Inputs. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	6
217	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
216	Distributed constrained convex optimization over digraphs: A Fenchel dual based approach. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 479-482	0.7	
215	Discrete-Time Algorithms for Distributed Constrained Convex Optimization With Linear Convergence Rates. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	5
214	Fuzzy Adaptive Tracking Control of High-order Nonlinear Dynamics with Mixed Control Directions <b>2020</b> ,		1
213	A Hybrid Recursive Implementation of Broad Learning With Incremental Features. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , PP,	10.3	2
212	On Distributed Implementation of Switch-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2
211	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
210	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
209	Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-16	7.3	23
208	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
207	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

206	Ridesourcing Behavior Analysis and Prediction: A Network Perspective. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-10	6.1	2
205	Maximum Markovian order detection for collective behavior. <i>Chaos</i> , <b>2020</b> , 30, 083121	3.3	
204	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
203	Prediction of COVID-19 spread via LSTM and the deterministic SEIR model <b>2020</b> ,		3
202	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
201	Pinning a Complex Network to Follow a Target System With Predesigned Control Inputs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 2293-2304	7.3	20
200	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
199	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
198	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
197	. <i>IEEE Transactions on Control of Network Systems</i> , <b>2020</b> , 7, 254-265	4	26
196	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
195	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
194	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
193	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
192	. <i>IEEE Transactions on Sustainable Energy</i> , <b>2020</b> , 11, 1451-1463	8.2	23
191	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
190	An integral sliding mode observer for CPS cyber security attack detection. <i>Chaos</i> , <b>2019</b> , 29, 043120	3.3	9
189	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

188	Event-triggered optimal consensus tracking control for multi-agent systems with unknown internal states and disturbances. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2019</b> , 33, 227-248	4.5	14
187	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
186	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
185	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
184	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
183	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
182	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
181	Broad Learning for Optimal Short-Term Traffic Flow Prediction. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 232-239	0.9	3
180	Consensus of Multi-agent Systems with Intermittent Communication and Its Extensions <b>2019</b> , 1-55		
179	Finite-Time Coordination Behavior of Multiple Euler-Lagrange Systems in Cooperation-Competition Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2967-2979	10.2	29
178	Distributed algorithm for solving linear algebraic equations: An implicit gradient neural network approach <b>2019</b> ,		2
177	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
176	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
175	Inferring causal relationship in coordinated flight of pigeon flocks. <i>Chaos</i> , <b>2019</b> , 29, 113118	3.3	19
174	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
173	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
172	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
171	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



170	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
169	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
168	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
167	Pinning observability of competitive neural networks with different time-constants. <i>Neurocomputing</i> , <b>2019</b> , 329, 97-102	5.4	2
166	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
165	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
164	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> , <b>2018</b> , 29, 5726-5737	10.3	48
163	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
162	Global Exponential Stability of Impulsive Fuzzy High-Order BAM Neural Networks With Continuously Distributed Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3682-3700	10.3	20
161	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
160	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
159	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
158	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
157	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
156	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
155	Distributed Consensus for Multiagent Systems via Directed Spanning Tree Based Adaptive Control. <i>SIAM Journal on Control and Optimization</i> , <b>2018</b> , 56, 2189-2217	1.9	8
154	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
153	. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 6986-6997	10.7	35

152	Fully-distributed finite-time consensus of second-order multi-agent systems on a directed network <b>2018</b> ,		5
151	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
150	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
149	Pinning Synchronization of Complex Networks with Switching Topology and a Dynamic Target System. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 86-96	0.9	
148	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
147	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
146	Observer Design for Tracking Consensus in Second-Order Multi-Agent Systems: Fractional Order Less Than Two. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 894-900	5.9	103
145	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
144	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
143	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
142	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
141	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
140	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
139	Almost automorphic solution for neutral type high-order Hopfield BAM neural networks with time-varying leakage delays on time scales. <i>Neurocomputing</i> , <b>2017</b> , 267, 241-260	5.4	21
138	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 882-882	7.3	0
137	Synchronization of coupled heterogeneous complex networks. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 4102-4125	4	28
136	Distributed Control of Networked Agent Systems: Theory and Applications. <i>Journal of Control Science and Engineering</i> , <b>2017</b> , 2017, 1-2	1.2	
135	Distributed node-to-node state consensus of two-layer multi-agent systems <b>2017</b> ,		1



134	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
133	Routing with distributed multiple paths in networks <b>2017</b> ,		1
132	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
131	Global exponential stability and synchronization of memristive neural networks including both time-varying and continuously distributed delays <b>2017</b> ,		1
130	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2016</b> , 12, 1775-1785	11.9	217
129	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
128	Reaching Synchronization in Networked Harmonic Oscillators With Outdated Position Data. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1566-78	10.2	37
127	Compositional controls on pore-size distribution by nitrogen adsorption technique in the Lower Permian Shanxi Shales, Ordos Basin. <i>Journal of Natural Gas Science and Engineering</i> , <b>2016</b> , 34, 1369-1381 <sup>4.6</sup>		35
126	Iterative learning control for discrete-time systems with event-triggered transmission strategy and quantization. <i>Automatica</i> , <b>2016</b> , 72, 84-91	5.7	66
125	Fixed-time consensus tracking of multi-agent systems under a directed communication topology <b>2016</b> ,		10
124	Adaptive pinning synchronization of complex networks with a target system subject to external inputs <b>2016</b> ,		1
123	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
122	Distributed consensus strategy for economic power dispatch in a smart grid with communication time delays <b>2016</b> ,		5
121	Distributed robust fixed-time consensus in multi-agent systems with nonlinear dynamics and uncertain disturbances <b>2016</b> ,		6
120	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
119	Finite-Time Consensus of Multiagent Systems With a Switching Protocol. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 853-62	10.3	131
118	Second-order consensus for heterogeneous multi-agent systems in the cooperation-competition network: A hybrid adaptive and pinning control approach. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2016</b> , 20, 21-36	4.5	32
117	Application of Fractional-Order Calculus in a Class of Multi-agent Systems. <i>Understanding Complex Systems</i> , <b>2016</b> , 229-261	0.4	

116	Nonsmooth Finite-Time Synchronization of Switched Coupled Neural Networks. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2360-2371	10.2	178
115	Robust fixed-time synchronization of delayed Cohen-Grossberg neural networks. <i>Neural Networks</i> , <b>2016</b> , 73, 86-94	9.1	130
114	Networked Dynamical Systems 2016. <i>Discrete Dynamics in Nature and Society</i> , <b>2016</b> , 2016, 1-2	1.1	
113	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
112	Designing adaptive consensus-based scheme for economic dispatch of smart grid <b>2016</b> ,		6
111	Synchronizing nonlinear complex networks via switching disconnected topology. <i>Automatica</i> , <b>2016</b> , 70, 189-194	5.7	50
110	<b>2016</b> ,		40
109	Consensus of multi-agent systems in the cooperation-competition network with inherent nonlinear dynamics: A time-delayed control approach. <i>Neurocomputing</i> , <b>2015</b> , 158, 134-143	5.4	18
108	Distributed finite-time containment control for second-order nonlinear multi-agent systems. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 268, 509-521	2.7	29
107	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
106	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
105	Finite-time stochastic synchronization of genetic regulatory networks. <i>Neurocomputing</i> , <b>2015</b> , 167, 314-321	3.4	18
104	Distributed Adaptive Control for Synchronization in Directed Complex Networks. <i>SIAM Journal on Control and Optimization</i> , <b>2015</b> , 53, 2980-3005	1.9	35
103	Pinning Synchronization of Directed Networks With Switching Topologies: A Multiple Lyapunov Functions Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 3239-50	10.3	198
102	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
101	Distributed node-to-node consensus of multi-agent systems with time-varying pinning links. <i>Neurocomputing</i> , <b>2015</b> , 149, 1387-1395	5.4	31
100	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
99	Finite-time distributed cooperative attitude tracking control for multiple rigid spacecraft. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 256, 724-734	2.7	31

98	Successive lag synchronization on nonlinear dynamical networks via linear feedback control. <i>Nonlinear Dynamics</i> , <b>2015</b> , 80, 421-430	5	25
97	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
96	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
95	Group consensus for heterogeneous multi-agent systems with parametric uncertainties. <i>Neurocomputing</i> , <b>2014</b> , 142, 383-392	5.4	52
94	Fuzzy Modelling and Consensus of Nonlinear Multiagent Systems With Variable Structure. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2014</b> , 61, 1183-1191	3.9	38
93	Exponential synchronization of memristive Cohen-Grossberg neural networks with mixed delays. <i>Cognitive Neurodynamics</i> , <b>2014</b> , 8, 239-49	4.2	148
92	Node-to-node consensus of multi-agent systems with switched pinning links <b>2014</b> ,		3
91	Consensus tracking of multi-agent systems with reduced information: A fractional-order protocol approach <b>2014</b> ,		1
90	Synchronization on complex networks of networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 2110-8	10.3	173
89	$\mathcal{H}_{\infty}$ Pinning Synchronization of Directed Networks With Aperiodic Sampled-Data Communications. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2014</b> , 61, 3245-3255	3.9	91
88	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
87	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
86	Observer design for consensus of general fractional-order multi-agent systems <b>2014</b> ,		1
85	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
84	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
83	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
82	Adaptive cluster synchronization in networks with time-varying and distributed coupling delays. <i>Applied Mathematical Modelling</i> , <b>2014</b> , 38, 1300-1314	4.5	21
81	Modeling and Control of Complex Networked Systems. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-2	1.1	

80	Pinning observability in complex networks. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2136-2144	2.5	12
79	Networked Dynamical Systems: Analysis and Synthesis. <i>Discrete Dynamics in Nature and Society</i> , <b>2014</b> , 2014, 1-2	1.1	1
78	Node-to-node consensus tracking of multi-agent systems with sampled-data communication <b>2014</b> ,		4
77	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
76	Optimal economic dispatch by fast distributed gradient <b>2014</b> ,		7
75	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> , <b>2014</b> , 61, 499-511	3.9	537
74	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
73	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
72	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
71	Consensus tracking for higher-order multi-agent systems with switching directed topologies and occasionally missing control inputs. <i>Systems and Control Letters</i> , <b>2013</b> , 62, 1151-1158	2.4	189
70	Swarming behaviors in multi-agent systems with nonlinear dynamics. <i>Chaos</i> , <b>2013</b> , 23, 043118	3.3	28
69	Consensus in Multi-Agent Systems With Second-Order Dynamics and Sampled Data. <i>IEEE Transactions on Industrial Informatics</i> , <b>2013</b> , 9, 2137-2146	11.9	144
68	Node-to-node consensus of networked agents with general linear node dynamics <b>2013</b> ,		8
67	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
66	Delay-Induced Consensus and Quasi-Consensus in Multi-Agent Dynamical Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2013</b> , 60, 2679-2687	3.9	84
65	M-matrix strategies for pinning-controlled leader-following consensus in multiagent systems with nonlinear dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 1688-97	10.2	186
64	Distributed control gains design for consensus in multi-agent systems with second-order nonlinear dynamics. <i>Automatica</i> , <b>2013</b> , 49, 2107-2115	5.7	274
63	Synchronization via Pinning Control on General Complex Networks. <i>SIAM Journal on Control and Optimization</i> , <b>2013</b> , 51, 1395-1416	1.9	251

62	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
61	Distributed Control and Estimation of Networked Agent Systems. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-1	1.1	
60	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2013</b> , 60, 292-296	3.5	45
59	Consensus control of switching directed networks with general linear node dynamics <b>2013</b> ,		3
58	A step forward to pinning control of complex networks: Finding an optimal vertex to control <b>2013</b> ,		5
57	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
56	Distributed Containment Control of Linear Multi-agent Systems with Multiple Higher-dimensional Leaders. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2013</b> , 46, 136-140		2
55	Flocking of multi-agent dynamical systems based on pseudo-leader mechanism. <i>Systems and Control Letters</i> , <b>2012</b> , 61, 195-202	2.4	39
54	A Connectivity-preserving flocking algorithm for multi-agent dynamical systems with bounded potential function. <i>IET Control Theory and Applications</i> , <b>2012</b> , 6, 813	2.5	71
53	Distributed Adaptive Control of Synchronization in Complex Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 2153-2158	5.9	259
52	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
51	Filippov systems and quasi-synchronization control for switched networks. <i>Chaos</i> , <b>2012</b> , 22, 033110	3.3	49
50	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
49	Pinning control of general multi-agent systems <b>2012</b> ,		1
48	Quasi-synchronization of Delayed Coupled Networks with Non-identical Discontinuous Nodes. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 274-284	0.9	
47	Consensus in Directed Networks of Agents With Nonlinear Dynamics. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 1436-1441	5.9	283
46	Second-order consensus for nonlinear multi-agent systems with intermittent measurements <b>2011</b> ,		4
45	Distributed Higher Order Consensus Protocols in Multiagent Dynamical Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 1924-1932	3.9	210

44	Designing Distributed Control Gains for Consensus in Multi-agent Systems with Second-order Nonlinear Dynamics. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2011</b> , 44, 1231-1236		6
43	Adaptive synchronization of uncertain coupled stochastic complex networks. <i>Asian Journal of Control</i> , <b>2011</b> , 13, 418-429	1.7	48
42	Second-order consensus in multi-agent dynamical systems with sampled position data. <i>Automatica</i> , <b>2011</b> , 47, 1496-1503	5.7	348
41	Synchronization of continuous complex networks based on asynchronously discontinuous controllers. <i>Chaos</i> , <b>2011</b> , 21, 023120	3.3	2
40	Adaptive Synchronization on Edges of Complex Networks. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 178-187		6
39	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
38	Discussion on: Consensus of Second-Order Delayed Multi-Agent Systems with Leader-Following. <i>European Journal of Control</i> , <b>2010</b> , 16, 200-203	2.5	7
37	Better synchronizability in generalized adaptive networks. <i>Physical Review E</i> , <b>2010</b> , 81, 026201	2.4	24
36	Robust adaptive flocking control of nonlinear multi-agent systems <b>2010</b> ,		6
35	Robust H <sub>∞</sub> control and uniformly bounded control for genetic regulatory network with stochastic disturbance. <i>IET Control Theory and Applications</i> , <b>2010</b> , 4, 1687-1706	2.5	19
34	Synchronization control of switched linearly coupled neural networks with delay. <i>Neurocomputing</i> , <b>2010</b> , 73, 858-866	5.4	86
33	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
32	Distributed leader-follower flocking control for multi-agent dynamical systems with time-varying velocities. <i>Systems and Control Letters</i> , <b>2010</b> , 59, 543-552	2.4	195
31	Second-order leader-following consensus of nonlinear multi-agent systems via pinning control. <i>Systems and Control Letters</i> , <b>2010</b> , 59, 553-562	2.4	414
30	Synchronization of delayed chaotic systems with parameter mismatches by using intermittent linear state feedback. <i>Nonlinearity</i> , <b>2009</b> , 22, 569-584	1.7	211
29	Cryptanalysis of a cryptographic scheme based on delayed chaotic neural networks. <i>Chaos, Solitons and Fractals</i> , <b>2009</b> , 40, 821-825	9.3	9
28	On pinning synchronization of complex dynamical networks. <i>Automatica</i> , <b>2009</b> , 45, 429-435	5.7	761
27	Local synchronization of a complex network model. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 230-41		114



26	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
25	Identifying the topology of a coupled FitzHugh-Nagumo neurobiological network via a pinning mechanism. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 1679-84		38
24	Distributed consensus filtering in sensor networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 1568-77		312
23	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
22	Pinning synchronization of delayed neural networks. <i>Chaos</i> , <b>2008</b> , 18, 043111	3.3	64
21	Global Synchronization of Linearly Hybrid Coupled Networks with Time-Varying Delay. <i>SIAM Journal on Applied Dynamical Systems</i> , <b>2008</b> , 7, 108-133	2.8	279
20	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
19	Synchronization of switched system and application in communication. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2008</b> , 372, 4438-4445	2.3	33
18	Robust Adaptive Control of Unknown Modified Cohen-Grossberg Neural Networks With Delays. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2007</b> , 54, 502-506		36
17	Global robust stability of neural networks with time varying delays. <i>Journal of Computational and Applied Mathematics</i> , <b>2007</b> , 206, 679-687	2.4	29
16	Adaptive synchronization and lag synchronization of uncertain dynamical system with time delay based on parameter identification. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 375, 467-482	3.3	123
15	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
14	Synchronization control of stochastic delayed neural networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 373, 252-260	3.3	158
13	New communication schemes based on adaptive synchronization. <i>Chaos</i> , <b>2007</b> , 17, 033114	3.3	38
12	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
11	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
10	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
9	Parameter identification of dynamical systems from time series. <i>Physical Review E</i> , <b>2007</b> , 75, 067201	2.4	99

8	Response to Comment on Adaptive Q-S (lag, anticipated, and complete) time-varying synchronization and parameters identification of uncertain delayed neural networks[[Chaos 17, 038101 (2007)]. <i>Chaos</i> , <b>2007</b> , 17, 038102	3.3	3
7	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
6	Stability and Hopf bifurcation analysis on a four-neuron BAM neural network with time delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 351, 64-78	2.3	119
5	Cryptography based on delayed chaotic neural networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 356, 333-338	2.3	90
4	A new complex network model and convergence dynamics for reputation computation in virtual organizations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2006</b> , 356, 414-425	2.3	24
3	Hopf bifurcation and stability of periodic solutions for van der Pol equation with time delay. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , <b>2005</b> , 62, 141-165	1.3	39
2	Distributed Concurrent Targeting of Point Source Queues		
1	Unsupervised detection of botnet activities using frequent pattern tree mining. <i>Complex &amp; Intelligent Systems</i> , 1	7.1	1