Housheng Su

List of Publications by Citations

219	6,376	42	74
papers	citations	h-index	g-index
244	7,977	4.6	6.88
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
219	Flocking of Multi-Agents With a Virtual Leader. *IEEE Transactions on Automatic Control*, **2009**, 54, 293-307	5.9	581
218	Adaptive second-order consensus of networked mobile agents with nonlinear dynamics. *Automatica*, **2011**, 47, 368-375	5.7	381
217	Semi-Global Leader-Following Consensus of Linear Multi-Agent Systems With Input Saturation via Low Gain Feedback. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2013**, 60, 1881-1889	3.9	340
216	Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2842-2850	8.9	206
215	Decentralized Adaptive Pinning Control for Cluster Synchronization of Complex Dynamical Networks. *IEEE Transactions on Cybernetics*, **2013**, 43, 394-9	10.2	196
214	Event-Triggered Control for Consensus Problem in Multi-Agent Systems With Quantized Relative State Measurements and External Disturbance. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2018**, 65, 2232-2242	3.9	181
213	Rendezvous of multiple mobile agents with preserved network connectivity. *Systems and Control Letters*, **2010**, 59, 313-322	2.4	181
212	Synchronization of coupled harmonic oscillators in a dynamic proximity network. *Automatica*, **2009**, 45, 2286-2291	5.7	146
211	Fully Distributed Event-Triggered Semiglobal Consensus of Multi-agent Systems With Input Saturation. *IEEE Transactions on Industrial Electronics*, **2017**, 64, 5055-5064	8.9	133
210	A connectivity-preserving flocking algorithm for multi-agent systems based only on position measurements. *International Journal of Control*, **2009**, 82, 1334-1343	1.5	128
209	A Switching Approach to Designing Finite-Time Synchronization Controllers of Coupled Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 471-82	10.3	116
208	Full-order and reduced-order observers for one-sided Lipschitz nonlinear systems using Riccati equations. *Communications in Nonlinear Science and Numerical Simulation*, **2012**, 17, 4968-4977	3.7	105
207	Unknown input observer design for one-sided Lipschitz nonlinear systems. *Nonlinear Dynamics*, **2015**, 79, 1469-1479	5	91
206	Non-linear observer design for one-sided Lipschitz systems: an linear matrix inequality approach. *IET Control Theory and Applications*, **2012**, 6, 1297	2.5	89
205	Flocking in multi-agent systems with multiple virtual leaders. *Asian Journal of Control*, **2008**, 10, 238-245	1.7	86
204	On decentralized adaptive full-order sliding mode control of multiple UAVs. *ISA Transactions*, **2017**, 71, 196-205	5.5	84
203	Multi-agent containment control with input saturation on switching topologies. *IET Control Theory and Applications*, **2015**, 9, 399-409	2.5	84

202	Positive Edge Consensus of Complex Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2242-2250	7.3	77
201	Robust semi-global coordinated tracking of linear multi-agent systems with input saturation. *International Journal of Robust and Nonlinear Control*, **2015**, 25, 2375-2390	3.6	75
200	A Connectivity-preserving flocking algorithm for multi-agent dynamical systems with bounded potential function. *IET Control Theory and Applications*, **2012**, 6, 813	2.5	71
199	Stabilizing Solution and Parameter Dependence of Modified Algebraic Riccati Equation With Application to Discrete-Time Network Synchronization. *IEEE Transactions on Automatic Control*, **2016**, 61, 228-233	5.9	70
198	Positive Edge-Consensus for Nodal Networks via Output Feedback. *IEEE Transactions on Automatic Control*, **2019**, 64, 1244-1249	5.9	69
197	A Note on Observers for Discrete-Time Lipschitz Nonlinear Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2012**, 59, 123-127	3.5	68
196	Semi-global containment control of multi-agent systems with intermittent input saturation. *Journal of the Franklin Institute*, **2015**, 352, 3504-3525	4	67
195	Adaptive flocking with a virtual leader of multiple agents governed by locally Lipschitz nonlinearity. *Nonlinear Analysis: Real World Applications*, **2013**, 14, 798-806	2.1	64
194	Event-based synchronisation of linear discrete-time dynamical networks. *IET Control Theory and Applications*, **2015**, 9, 755-765	2.5	62
193	Semi-global output consensus of discrete-time multi-agent systems with input saturation and external disturbances. *ISA Transactions*, **2017**, 67, 131-139	5.5	60
192	Pinning control of complex networked systems: A decade after and beyond. *Annual Reviews in Control*, **2014**, 38, 103-111	10.3	58
191	Semi-Global Output Consensus for Discrete-Time Switching Networked Systems Subject to Input Saturation and External Disturbances. *IEEE Transactions on Cybernetics*, **2019**, 49, 3934-3945	10.2	56
190	Observer-Based Discrete-Time Nonnegative Edge Synchronization of Networked Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 2446-2455	10.3	56
189	Self-triggered leader-following consensus of multi-agent systems with input time delay. *Neurocomputing*, **2019**, 330, 70-77	5.4	56
188	Controllability of switching networks of multi-agent systems. *International Journal of Robust and Nonlinear Control*, **2012**, 22, 630-644	3.6	54
187	A Stochastic Sampling Mechanism for Time-Varying Formation of Multiagent Systems With Multiple Leaders and Communication Delays. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3699-3707	10.3	53
186	Improved exponential observer design for one-sided Lipschitz nonlinear systems. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3958-3973	3.6	53
185	Adaptive second-order consensus of multi-agent systems with heterogeneous nonlinear dynamics and time-varying delays. *Neurocomputing*, **2013**, 118, 289-300	5.4	52

184	Observer-Based Robust Coordinated Control of Multiagent Systems With Input Saturation. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 1933-1946	10.3	50
183	Second-order controllability of two-time-scale multi-agent systems. *Applied Mathematics and Computation*, **2019**, 343, 299-313	2.7	50
182	Second-Order Consensus for Multiagent Systems via Intermittent Sampled Position Data Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 2063-2072	10.2	49
181	Pinning Control of Complex Networked Systems **2013**,		47
180	Group controllability of two-time-scale multi-agent networks. *Journal of the Franklin Institute*, **2018**, 355, 6045-6061	4	45
179	Observer-Based Consensus for Positive Multiagent Systems With Directed Topology and Nonlinear Control Input. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 1459-1469	7.3	44
178	Discrete-Time Positive Edge-Consensus for Undirected and Directed Nodal Networks. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 221-225	3.5	43
177	Adaptive consensus with a virtual leader of multiple agents governed by locally Lipschitz nonlinearity. *International Journal of Robust and Nonlinear Control*, **2013**, 23, 978-990	3.6	41
176	Nonnegative Edge Quasi-Consensus of Networked Dynamical Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2017**, 64, 304-308	3.5	38
175	Necessary and sufficient conditions for distributed containment control of multi-agent systems without velocity measurement. *IET Control Theory and Applications*, **2014**, 8, 1752-1759	2.5	38
174	Semi-global and global containment control of multi-agent systems with second-order dynamics and input saturation. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3460-3480	3.6	37
173	Semi-global containment control of multi-agent systems with input saturation. *IET Control Theory and Applications*, **2014**, 8, 2229-2237	2.5	37
172	Time-varying formation for linear multi-agent systems based on sampled data with multiple leaders. *Neurocomputing*, **2019**, 339, 59-65	5.4	36
171	Switching controllability of discrete-time multi-agent systems with multiple leaders and time-delays. *Applied Mathematics and Computation*, **2014**, 228, 571-588	2.7	36
170	Containment control of second-order multi-agent systems via intermittent sampled position data communication. *Applied Mathematics and Computation*, **2019**, 362, 124522	2.7	34
169	Controllability of Two-Time-Scale Discrete-Time Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 1440-1449	10.2	34
168	Consensus networks with switching topology and time-delays over finite fields. *Automatica*, **2016**, 68, 39-43	5.7	33
167	Adaptive cluster synchronisation of coupled harmonic oscillators with multiple leaders. *IET Control Theory and Applications*, **2013**, 7, 765-772	2.5	31

166	Consensus of hybrid multi-agent systems by event-triggered/self-triggered strategy. *Applied Mathematics and Computation*, **2019**, 359, 490-501	2.7	30
165	Some necessary and sufficient conditions for containment of second-order multi-agent systems with sampled position data. *Neurocomputing*, **2020**, 378, 228-237	5.4	30
164	Coordination Control for Uncertain Networked Systems Using Interval Observers. *IEEE Transactions on Cybernetics*, **2020**, 50, 4008-4019	10.2	30
163	Distributed estimation and control for two-target tracking mobile sensor networks. *Journal of the Franklin Institute*, **2017**, 354, 2994-3007	4	28
162	Reaching Non-Negative Edge Consensus of Networked Dynamical Systems. *IEEE Transactions on Cybernetics*, **2018**, 48, 2712-2722	10.2	28
161	Flocking of multiple autonomous agents with preserved network connectivity and heterogeneous nonlinear dynamics. *Neurocomputing*, **2013**, 115, 169-177	5.4	28
160	General Lyapunov Functions for Consensus of Nonlinear Multiagent Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2017**, 64, 1232-1236	3.5	27
159	Containment control for coupled harmonic oscillators with multiple leaders under directed topology. *International Journal of Control*, **2015**, 88, 248-255	1.5	27
158	Group controllability of discrete-time multi-agent systems. *Journal of the Franklin Institute*, **2016**, 353, 3524-3559	4	27
157	Distributed estimation and control for mobile sensor networks with coupling delays. *ISA Transactions*, **2016**, 64, 141-150	5.5	27
156	Semiglobal Observer-Based Non-Negative Edge Consensus of Networked Systems With Actuator Saturation. *IEEE Transactions on Cybernetics*, **2020**, 50, 2827-2836	10.2	26
155	Nonlinear . *Neurocomputing*, **2014**, 145, 505-511	5.4	25
154	Scaled Consensus of Second-Order Nonlinear Multiagent Systems With Time-Varying Delays via Aperiodically Intermittent Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 3503-3516	10.2	25
153	Observer-Based Synchronization of Chaotic Systems Satisfying Incremental Quadratic Constraints and Its Application in Secure Communication. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 5221-5232	7.3	25
152	Necessary and Sufficient Conditions for Consensus in Fractional-Order Multiagent Systems via Sampled Data Over Directed Graph. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 2501-2511	7.3	25
151	Leader-following consensus of general linear fractional-order multiagent systems with input delay via event-triggered control. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 5717-5729	3.6	24
150	Containment for linear multi-agent systems with exogenous disturbances. *Neurocomputing*, **2015**, 160, 206-212	5.4	23
149	Formation-containment control of multi-robot systems under a stochastic sampling mechanism. *Science China Technological Sciences*, **2020**, 63, 1025-1034	3.5	23

148	Second-Order Consensus of Multi-agent Systems via Periodically Intermittent Pinning Control. *Circuits, Systems, and Signal Processing*, **2016**, 35, 2413-2431	2.2	23
147	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. *IEEE Transactions on Cybernetics*, **2019**, 49, 1816-1825	10.2	23
146	Full-order sliding mode control for finite-time attitude tracking of rigid spacecraft. *IET Control Theory and Applications*, **2018**, 12, 1086-1094	2.5	22
145	Event-triggered consensus of non-linear multi-agent systems with sampling data and time delay. *IET Control Theory and Applications*, **2017**, 11, 1715-1725	2.5	22
144	Global coordinated tracking of multi-agent systems with disturbance uncertainties via bounded control inputs. *Nonlinear Dynamics*, **2015**, 82, 2059-2068	5	21
143	Cluster consensus for second-order mobile multi-agent systems via distributed adaptive pinning control under directed topology. *Nonlinear Dynamics*, **2016**, 83, 1975-1985	5	21
142	Observer-Based H Synchronization and Unknown Input Recovery for a Class of Digital Nonlinear Systems. *Circuits, Systems, and Signal Processing*, **2013**, 32, 2867-2881	2.2	21
141	Collective Dynamics and Control for Multiple Unmanned Surface Vessels. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2540-2547	4.8	21
140	Leader-following consensus of nonlinear fractional-order multi-agent systems over directed networks. *Nonlinear Dynamics*, **2019**, 96, 1391-1403	5	20
139	Observer-based semi-global consensus of discrete-time multi-agent systems with input saturation. *Transactions of the Institute of Measurement and Control*, **2016**, 38, 665-674	1.8	20
138	Disturbance-observer based consensus of linear multi-agent systems with exogenous disturbance under intermittent communication. *Neurocomputing*, **2020**, 404, 26-33	5.4	19
137	Flocking of networked Euler agrange systems with uncertain parameters and time-delays under directed graphs. *Nonlinear Dynamics*, **2016**, 85, 415-424	5	19
136	Adaptive Synchronization of Complex Dynamical Networks with Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 1173-1188	2.2	19
135	Flocking in Multi-Agent Systems with Multiple Virtual Leaders Based Only on Position Measurements. *Communications in Theoretical Physics*, **2012**, 57, 801-807	2.4	19
134	Group controllability of continuous-time multi-agent systems. *IET Control Theory and Applications*, **2018**, 12, 1665-1671	2.5	18
133	Event-triggered consensus tracking for fractional-order multi-agent systems with general linear models. *Neurocomputing*, **2018**, 315, 292-298	5.4	18
132	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 2121-2131	10.2	18
131	Completely model-free RL-based consensus of continuous-time multi-agent systems. *Applied Mathematics and Computation*, **2020**, 382, 125312	2.7	17

130	Event-triggered Kalman-consensus filter for two-target tracking sensor networks. *ISA Transactions*, **2017**, 71, 103-111	5.5	17
129	Swarming of heterogeneous multi-agent systems with periodically intermittent control. *Neurocomputing*, **2016**, 207, 213-219	5.4	16
128	Finite-time consensus of second-order multi-agent systems via a structural approach. *Journal of the Franklin Institute*, **2016**, 353, 3876-3896	4	16
127	Consensus of Second-Order Hybrid Multiagent Systems by Event-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2020**, 50, 4648-4657	10.2	15
126	Finite-Time Synchronization of Markovian Coupled Neural Networks With Delays via Intermittent Quantized Control: Linear Programming Approach. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	15
125	An overview of coordinated control for multi-agent systems subject to input saturation. *Perspectives in Science*, **2016**, 7, 133-139	0.8	14
124	Consensus in Fractional-Order Multi-Agent Systems With Intermittence Sampled Data Over Directed Networks. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 365-369	3.5	14
123	Consensus of Delayed Fractional-Order Multiagent Systems With Intermittent Sampled Data. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 3828-3837	11.9	14
122	Distributed estimation and control of mobile sensor networks based only on position measurements. *IET Control Theory and Applications*, **2017**, 11, 1627-1633	2.5	13
121	Semi-global leader-following coordination of multi-agent systems with input saturation and aperiodic intermittent communications. *Journal of the Franklin Institute*, **2019**, 356, 1051-1066	4	13
120	Controllability of Discrete-Time Multi-Agent Systems with Multiple Leaders on Fixed Networks. *Communications in Theoretical Physics*, **2012**, 58, 856-862	2.4	11
119	Formation-containment control for multi-agent systems with sampled data and time delays. *Neurocomputing*, **2021**, 424, 125-131	5.4	11
118	The Bipartite Consensus for Multi-Agent Systems With Matrix-Weight-Based Signed Network. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 2019-2023	3.5	10
117	Robust Global Coordination of Networked Systems With Input Saturation and External Disturbances. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-13	7.3	10
116	Robust semiglobal swarm tracking of coupled harmonic oscillators with input saturation and external disturbance. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1566-1582	3.6	10
115	On the Observability of Leader-Based Multiagent Systems with Fixed Topology. *Complexity*, **2019**, 2019, 1-10	1.6	10
114	Global Consensus of Positive Edge System With Sector Input Nonlinearities. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 4057-4066	7.3	10
113	Semi-global observer-based nonnegative edge-consensus of linear discrete-time multi-agent systems with nonnegative constraint and input saturation. *Neurocomputing*, **2019**, 339, 36-44	5.4	9

112	Improved results on generalised robust H∞ filtering for Lipschitz descriptor non-linear systems with uncertainties. *IET Control Theory and Applications*, **2015**, 9, 2107-2114	2.5	9
111	Scanning-Chain Formation Control for Multiple Unmanned Surface Vessels to Pass Through Water Channels. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	9
110	Finite-time bipartite synchronization of switched competitive neural networks with time delay via quantized control. *ISA Transactions*, **2021**,	5.5	9
109	Adaptive Bipartite Time-Varying Output Formation Control for Multiagent Systems on Signed Directed Graphs. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	9
108	Controllability of heterogeneous multiagent systems with two-time-scale feature. *Chaos*, **2019**, 29, 043116	3.9	8
107	Semi-global edge-consensus of linear discrete-time multi-agent systems with positive constraint and input saturation. *IET Control Theory and Applications*, **2019**, 13, 979-987	2.5	8
106	Edge consensus on complex networks: a structural analysis. *International Journal of Control*, **2017**, 90, 1584-1596	1.5	8
105	Event-triggered tracking control for discrete-time multi-agent systems. *IMA Journal of Mathematical Control and Information*, **2014**, 31, 165-182	1.1	8
104	Consensus networks with time-delays over finite fields. *International Journal of Control*, **2016**, 89, 1000-1008	1.5	7
103	A weighted adaptive-velocity self-organizing model and its high-speed performance. *Neurocomputing*, **2016**, 216, 402-408	5.4	7
102	Robust adaptive synchronization of complex network with bounded disturbances. *Advances in Difference Equations*, **2019**, 2019,	3.6	7
101	Fractional-order controllability of multi-agent systems with time-delay. *Neurocomputing*, **2021**, 424, 268-277	5.4	7
100	Semi-global leader-following consensus of discrete-time linear multi-agent systems subject to actuator position and rate saturation. *International Journal of Robust and Nonlinear Control*, **2017**, 27, 2921-2936	3.6	6
99	Sampled-data leader-follower algorithm for flocking of multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 609-619	2.5	6
98	Computation of Upper Bounds for the Solution of Continuous Algebraic Riccati Equations. *Circuits, Systems, and Signal Processing*, **2013**, 32, 1477-1488	2.2	6
97	Reduced-order interval observer based consensus for MASs with time-varying interval uncertainties. *Automatica*, **2022**, 135, 109989	5.7	6
96	Positive edge consensus of networked systems with input saturation. *ISA Transactions*, **2020**, 96, 210-217	5.5	6
95	Adaptive bipartite consensus of competitive linear multi-agent systems with asynchronous intermittent communication. *International Journal of Robust and Nonlinear Control*,	3.6	6

94	Local Synchronization on Asynchronous Tissue P Systems With Symport/Antiport Rules. *IEEE Transactions on Nanobioscience*, **2020**, 19, 315-320	3.4	5
93	Framework based on communicability to measure the similarity of nodes in complex networks. *Information Sciences*, **2020**, 524, 241-253	7.7	5
92	Coordinated obstacle avoidance with reduced interaction. *Neurocomputing*, **2014**, 139, 233-245	5.4	5
91	Flocking of partially-informed multi-agent systems avoiding obstacles with arbitrary shape. *Autonomous Agents and Multi-Agent Systems*, **2015**, 29, 943-972	2	5
90	Controllability of Second-Order Multiagent Systems with Multiple Leaders and General Dynamics. *Mathematical Problems in Engineering*, **2013**, 2013, 1-6	1.1	5
89	On decentralized adaptive pinning synchronization of complex dynamical networks **2010**,		5
88	Consensus-Based Distributed Reduced-Order Observer Design for LTI Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
87	Second-order consensus of multiagent systems with matrix-weighted network. *Neurocomputing*, **2021**, 433, 1-9	5.4	5
86	Fault detection and identification for a class of nonlinear systems with model uncertainty. *Applied Mathematical Modelling*, **2016**, 40, 7368-7381	4.5	5
85	Continuous-Time Opinion Dynamics With Stochastic Multiplicative Noises. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 988-992	3.5	5
84	Desensitized cubature Kalman filter with uncertain parameters. *Journal of the Franklin Institute*, **2017**, 354, 8358-8373	4	4
83	Controllability of discrete-time multi-agent systems based on absolute protocol with time-delays. *Neurocomputing*, **2020**, 409, 316-328	5.4	4
82	Necessary and Sufficient Conditions for Containment in Fractional-Order Multiagent Systems via Sampled Data. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	4
81	Detection of Data Integrity Attacks in Distributed State Estimation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	4
80	Adaptive Observer-Based Output Regulation of Multiagent Systems With Communication Constraints. *IEEE Transactions on Cybernetics*, **2021**, 51, 5259-5268	10.2	4
79	Nonnegative edge consensus of networked linear systems **2016**,		4
78	Consensus of edge dynamics on directed multi-agent systems **2014**,		4
77	Second-order controllability of two-time-Scale discrete-time multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 2356-2364	2.5	4

76	Some necessary and sufficient conditions for containment of second-order multi-agent systems with intermittent sampled data. *ISA Transactions*, **2021**, 108, 154-163	5.5	4
75	Interval Observer Design and Consensus of MultiAgent Systems with Time-Varying Interval Uncertainties. *SIAM Journal on Control and Optimization*, **2021**, 59, 3392-3417	1.9	4
74	Controllability for multi-agent systems with matrix-weight-based signed network. *Applied Mathematics and Computation*, **2021**, 411, 126520	2.7	4
73	Identification of Network Topology Variations Based on Spectral Entropy. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
72	Asynchronous Control of Switched Discrete-Time Positive Systems With Delay. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-8	7.3	4
71	Second-Order Consensus of Hybrid Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	3
70	A New Perspective to Algebraic Characterization on Controllability of Multiagent Systems. *Complexity*, **2020**, 2020, 1-12	1.6	3
69	An iterative Q-learning based global consensus of discrete-time saturated multi-agent systems. *Chaos*, **2019**, 29, 103127	3.3	3
68	Semi-global consensus with position limited and rate disturbances via low gain feedback and integral sliding mode control. *IET Control Theory and Applications*, **2017**, 11, 1173-1183	2.5	3
67	Swarm aggregations of heterogeneous multi-agent systems. *International Journal of Control*, **2014**, 87, 2594-2603	1.5	3
66	Neighborhood Interval Observer Based Coordination Control for Multi-agent Systems with Disturbances. *IFAC-PapersOnLine*, **2020**, 53, 10994-10999	0.7	3
65	Second-Order Consensus for Multiagent Systems With Switched Dynamics. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
64	A Geometric Approach to Second-Order Consensus of Heterogeneous Networked Systems. *IEEE Transactions on Cybernetics*, **2018**,	10.2	3
63	Observability of Leader-Based Discrete-Time Multi-Agent Systems Over Signed Networks. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 25-39	4.9	3
62	Flocking of uncertain nonlinear multi-agent systems via distributed adaptive event-triggered control. *Neurocomputing*, **2021**, 465, 503-513	5.4	3
61	Output-Feedback Global Consensus of Discrete-Time Multiagent Systems Subject to Input Saturation via Q-Learning Method. *IEEE Transactions on Cybernetics*, **2020**,	10.2	2
60	Second-order leader-following consensus of multi-agent systems with nonlinear dynamics and time delay via periodically intermittent pinning control **2013**,		2
59	Robust Semi-global Coordinated Tracking of Saturated Networked Systems. *IFAC-PapersOnLine*, **2017**, 50, 8303-8308	0.7	2

58	Self-triggered based semi-global consensus tracking of multi-agent systems with input saturation **2015**,		2
57	A Control Lyapunov Function Approach to Stabilization of Affine Nonlinear Systems with Bounded Uncertain Parameters. *Circuits, Systems, and Signal Processing*, **2015**, 34, 341-352	2.2	2
56	Reduced-order observer design for one-sided lipschitz nonlinear systems with unknown inputs **2014**,		2
55	Adaptive Synchronization of Complex Dynamical Networks Governed by Local Lipschitz Nonlinearlity on Switching Topology. *Journal of Applied Mathematics*, **2013**, 2013, 1-7	1.1	2
54	Coordinated Control of Multiple Mobile Agents with Connectivity Preserving. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2008**, 41, 3725-3730		2
53	Observability of leader-based discrete-time multi-agent systems with switching topology. *IET Control Theory and Applications*, **2020**, 14, 2462-2471	2.5	2
52	Distributed load sharing and transmission power loss optimisation for DC microgrids. *IET Control Theory and Applications*, **2019**, 13, 2930-2939	2.5	2
51	Model-independent Containment Control for Dynamic Multiple Euler-Lagrange Systems with Disturbances and Uncertainties. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	2
50	Distributed Adaptive Containment Control for Coupled Reaction-Diffusion Neural Networks With Directed Topology. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
49	Distributed Adaptive Consensus of Parabolic PDE Agents on Switching Graphs With Relative Output Information. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	2
48	Event-based asynchronous communication and sampled control for synchronization of multiagent networks with input saturation. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 1871-1885	3.6	2
47	Adaptive Leader-Follower Flocking for Uncertain Lagrange Systems with Input Saturation and External Disturbances **2018**,		2
46	Containment Control for Networked Fractional-Order Systems With Sampled Position Data. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 3881-3889	3.9	2
45	Finite-size scaling of geometric renormalization flows in complex networks. *Physical Review E*, **2021** , 104, 034304	2.4	2
44	Second-Order Consensus for Multiagent Systems With Switched Dynamics and Sampled Position Data. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-9	7.3	2
43	Sampling-Based Event-Triggered Exponential Synchronization for Reaction-Diffusion Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
42	General Second-Order Consensus of Discrete-Time Multiagent Systems via Q-Learning Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	1
41	On the Group Controllability of Leader-Based Continuous-Time Multiagent Systems. *Complexity*, **2020**, 2020, 1-11	1.6	1

40	A Brief Overview of Flocking Control for Multi-agent Systems. *Lecture Notes in Computer Science*, **2018**, 48-58	0.9	1
39	Stochastic stability analysis of evolutionary two-player games on regular graphs. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 535, 122364	3.3	1
38	Distributed adaptive containment for linear multi-agent systems using output information **2015**,		1
37	Adaptive synchronization for nonlinear coupled complex network with nonidentical nodes **2014**,		1
36	Robust Consensus of Multiagent Dynamics with Transmission Constraints and Noises. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	1
35	Model-Free Event-Triggered Consensus Algorithm for Multiagent Systems Using Reinforcement Learning Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	1
34	Distributed Pinning-Controlled Consensus in a Heterogeneous Influence Network **2013**, 103-110		1
33	The Infimum on Laplacian Eigenvalues of a Connected Extended Graph: An Edge-Grafting Perspective. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 2627-2631	3.5	1
32	Group Controllability of Discrete-Time Time-Delayed Multiagent Systems with Multiple Leaders. *Complexity*, **2020**, 2020, 1-10	1.6	1
31	A Fully Distributed Protocol for Flocking of Time-Varying Linear Systems With Dynamic Leader and External Disturbance. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	1
30	Model-Free Algorithms for Containment Control of Saturated Discrete-Time Multiagent Systems via Q-Learning Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	1
29	H□Control for Observer-Based Non-Negative Edge Consensus of Discrete-Time Networked Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
28	Consensus of Continuous-Time Linear Multiagent Systems With Discrete Measurements. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
27	Observability of Heterogeneous Multi-Agent Systems. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1828-1841	4.9	1
26	Semi-global Adaptive Bipartite Output Consensus of Multi-agent Systems Subject to Input Saturation and External Disturbance Under Switching Network. *International Journal of Control, Automation and Systems*, **2021**, 19, 3037-3048	2.9	1
25	Group controllability of two-time-scale discrete-time multi-agent systems. *Journal of the Franklin Institute*, **2020**, 357, 3524-3540	4	1
24	The variant d-path Laplacian based consensus protocols for networked harmonic oscillators. *Neurocomputing*, **2021**, 422, 277-286	5.4	1
23	Interval Observer-Based Robust Coordination Control of Multi-Agent Systems Over Directed Networks. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11	3.9	1

22	Observer-based semi-global containment of saturated multi-agent systems with uncertainties. *Journal of the Franklin Institute*, **2021**, 358, 7740-7760	4	1
21	Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. *IEEE Transactions on Computational Social Systems*, **2022**, 1-9	4.5	1
20	Inverse-Optimal Consensus Control of Fractional-Order Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-12	7.3	0
19	Finite-time Output Synchronization for Output-Coupled Reaction-Diffusion Neural Networks with Directed Topology. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	0
18	Distributed Pinning-Controlled Flocking with a Virtual Leader **2013**, 111-136		0
17	Opinion separation in leader□follower coopetitive social networks. *Neurocomputing*, **2021**, 434, 90-97	5.4	0
16	Containment control in fractional-order multi-agent systems with intermittent sampled data over directed networks. *Neurocomputing*, **2021**, 442, 209-220	5.4	0
15	Semiglobal Observer-Based Positive Scaled Edge-Consensus of Networked Discrete-Time Systems Under Actuator Saturation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 4543-4554	7.3	0
14	Consensus of Matrix-Weighted Hybrid Multiagent Systems. *IEEE Transactions on Cybernetics*, **2022**, 1-11	10.2	0
13	H□Control for Observer-Based Non-Negative Scaled Edge-Consensus of Networked Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	
12	Some Necessary and Sufficient Conditions for Consensus of Fractional-Order Multi-agent Systems with Input Delay and Sampled Data. *Lecture Notes in Computer Science*, **2018**, 39-47	0.9	
11	Coordinated Control and Estimation of Multiagent Systems with Engineering Applications. *Mathematical Problems in Engineering*, **2015**, 2015, 1-2	1.1	
10	Modeling and Control of Complex Networked Systems. *Mathematical Problems in Engineering*, **2014** , 2014, 1-2	1.1	
9	Pinning Control for Cluster Synchronization of Complex Dynamical Networks **2013**, 45-59		
8	Distributed Pinning-Controlled Second-Order Consensus of Multi-Agent Systems **2013**, 61-101		
7	Distributed Leader-following Swarm of Heterogeneous Multi-agent Systems* *This work is supported by the National Natural Science Foundation of China under Grant Nos. 61074125, 61104140, 61004093, and 61073102, the Science Fund for Creative Research Groups of the National Natural Science Foundation of China (No. 61221003), the National Key Basic Research		
6	Multi-rate sampled-data algorithm for leader□follower flocking. *IET Control Theory and Applications*, **2020**, 14, 3038-3046 (REDP) under Grant No. 20100142120023, and. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 13-18	2.5	
5	Distributed Pinning-Controlled Flocking with Preserved Network Connectivity **2013**, 137-160		

4	Control of Networked Systems with Engineering Applications. *Mathematical Problems in Engineering*, **2016**, 2016, 1-2	1.1
3	Positive consensus of fractional-order multi-agent systems. *Neural Computing and Applications*, **2021**, 33, 16139	4.8
2	Robust flocking for non-identical second-order nonlinear multi-agent systems. *Autonomous Intelligent Systems*, **2021**, 1, 1	
1	H Consensus for Discrete-time Fractional-Order Multi-Agent Systems with Disturbance via Q-learning in Zero-Sum Games. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9