Housheng Su

List of Publications by Year in Descending Order

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

#	Paper	IF	Citations
219	Robust Consensus of Multiagent Dynamics with Transmission Constraints and Noises. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	1
218	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
217	Reduced-order interval observer based consensus for MASs with time-varying interval uncertainties. *Automatica*, **2022**, 135, 109989	5.7	6
216	Asynchronous Control of Switched Discrete-Time Positive Systems With Delay. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-8	7.3	4
215	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	
214	Geometric Renormalization Reveals the Self-Similarity of Weighted Networks. *IEEE Transactions on Computational Social Systems*, **2022**, 1-9	4.5	1
213	Consensus of Matrix-Weighted Hybrid Multiagent Systems. *IEEE Transactions on Cybernetics*, **2022**, 1-11	10.2	0
212	Adaptive Observer-Based Output Regulation of Multiagent Systems With Communication Constraints. *IEEE Transactions on Cybernetics*, **2021**, 51, 5259-5268	10.2	4
211	Inverse-Optimal Consensus Control of Fractional-Order Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-12	7.3	0
210	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
209	Opinion separation in leader-follower coopetitive social networks. *Neurocomputing*, **2021**, 434, 90-97	5.4	0
208	Observability of Heterogeneous Multi-Agent Systems. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1828-1841	4.9	1
207	Second-order consensus of multiagent systems with matrix-weighted network. *Neurocomputing*, **2021**, 433, 1-9	5.4	5
206	Containment control in fractional-order multi-agent systems with intermittent sampled data over directed networks. *Neurocomputing*, **2021**, 442, 209-220	5.4	0
205	Finite-time bipartite synchronization of switched competitive neural networks with time delay via quantized control. *ISA Transactions*, **2021**,	5.5	9
204	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
203	Fractional-order controllability of multi-agent systems with time-delay. *Neurocomputing*, **2021**, 424, 268-277	5.4	7

202	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
201	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
200	The variant d-path Laplacian based consensus protocols for networked harmonic oscillators. *Neurocomputing*, **2021**, 422, 277-286	5.4	1
199	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
198	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
197	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
196	Formation-containment control for multi-agent systems with sampled data and time delays. *Neurocomputing*, **2021**, 424, 125-131	5.4	11
195	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
194	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
193	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
192	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
191	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
190	Positive consensus of fractional-order multi-agent systems. *Neural Computing and Applications*, **2021**, 33, 16139	4.8	
189	Robust flocking for non-identical second-order nonlinear multi-agent systems. *Autonomous Intelligent Systems*, **2021**, 1, 1		
188	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
187	Finite-size scaling of geometric renormalization flows in complex networks. *Physical Review E*, **2021**, 104, 034304	2.4	2
186	Observer-based semi-global containment of saturated multi-agent systems with uncertainties. *Journal of the Franklin Institute*, **2021**, 358, 7740-7760	4	1
185	Flocking of uncertain nonlinear multi-agent systems via distributed adaptive event-triggered control. *Neurocomputing*, **2021**, 465, 503-513	5.4	3

184	Controllability for multi-agent systems with matrix-weight-based signed network. *Applied Mathematics and Computation*, **2021**, 411, 126520	2.7	4
183	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
182	Sampling-Based Event-Triggered Exponential Synchronization for Reaction-Diffusion Neural Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
181	Adaptive Bipartite Time-Varying Output Formation Control for Multiagent Systems on Signed Directed Graphs. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	9
180	Identification of Network Topology Variations Based on Spectral Entropy. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	4
179	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
178	Disturbance-observer based consensus of linear multi-agent systems with exogenous disturbance under intermittent communication. *Neurocomputing*, **2020**, 404, 26-33	5.4	19
177	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	
176	Controllability of discrete-time multi-agent systems based on absolute protocol with time-delays. *Neurocomputing*, **2020**, 409, 316-328	5.4	4
175	Completely model-free RL-based consensus of continuous-time multi-agent systems. *Applied Mathematics and Computation*, **2020**, 382, 125312	2.7	17
174	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
173	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
172	Detection of Data Integrity Attacks in Distributed State Estimation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	4
171	Second-Order Consensus of Hybrid Multiagent Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	3
170	On the Group Controllability of Leader-Based Continuous-Time Multiagent Systems. *Complexity*, **2020**, 2020, 1-11	1.6	1
169	Local Synchronization on Asynchronous Tissue P Systems With Symport/Antiport Rules. *IEEE Transactions on Nanobioscience*, **2020**, 19, 315-320	3.4	5
168	Scanning-Chain Formation Control for Multiple Unmanned Surface Vessels to Pass Through Water Channels. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	9
167	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

166	Formation-containment control of multi-robot systems under a stochastic sampling mechanism. *Science China Technological Sciences*, **2020**, 63, 1025-1034	3.5	23
165	A New Perspective to Algebraic Characterization on Controllability of Multiagent Systems. *Complexity*, **2020**, 2020, 1-12	1.6	3
164	Framework based on communicability to measure the similarity of nodes in complex networks. *Information Sciences*, **2020**, 524, 241-253	7.7	5
163	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
162	Multi-rate sampled-data algorithm for leaderfollower flocking. *IET Control Theory and Applications*, **2020**, 14, 3038-3046	2.5	
161	Neighborhood Interval Observer Based Coordination Control for Multi-agent Systems with Disturbances. *IFAC-PapersOnLine*, **2020**, 53, 10994-10999	0.7	3
160	Observability of leader-based discrete-time multi-agent systems with switching topology. *IET Control Theory and Applications*, **2020**, 14, 2462-2471	2.5	2
159	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
158	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
157	Consensus of Second-Order Hybrid Multiagent Systems by Event-Triggered Strategy. *IEEE Transactions on Cybernetics*, **2020**, 50, 4648-4657	10.2	15
156	Coordination Control for Uncertain Networked Systems Using Interval Observers. *IEEE Transactions on Cybernetics*, **2020**, 50, 4008-4019	10.2	30
155	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
154	Group Controllability of Discrete-Time Time-Delayed Multiagent Systems with Multiple Leaders. *Complexity*, **2020**, 2020, 1-10	1.6	1
153	Second-Order Consensus for Multiagent Systems With Switched Dynamics. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
152	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
151	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
150	H□Control for Observer-Based Non-Negative Edge Consensus of Discrete-Time Networked Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1
149	Consensus of Continuous-Time Linear Multiagent Systems With Discrete Measurements. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	1

148	Consensus-Based Distributed Reduced-Order Observer Design for LTI Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
147	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
146	Controllability of Two-Time-Scale Discrete-Time Multiagent Systems. *IEEE Transactions on Cybernetics*, **2020**, 50, 1440-1449	10.2	34
145	Semiglobal Observer-Based Non-Negative Edge Consensus of Networked Systems With Actuator Saturation. *IEEE Transactions on Cybernetics*, **2020**, 50, 2827-2836	10.2	26
144	Second-Order Consensus for Multiagent Systems via Intermittent Sampled Position Data Control. *IEEE Transactions on Cybernetics*, **2020**, 50, 2063-2072	10.2	49
143	Group controllability of two-time-scale discrete-time multi-agent systems. *Journal of the Franklin Institute*, **2020**, 357, 3524-3540	4	1
142	Collective Dynamics and Control for Multiple Unmanned Surface Vessels. *IEEE Transactions on Control Systems Technology*, **2020**, 28, 2540-2547	4.8	21
141	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
140	Positive edge consensus of networked systems with input saturation. *ISA Transactions*, **2020**, 96, 210-217	5.5	6
139	Consensus of Delayed Fractional-Order Multiagent Systems With Intermittent Sampled Data. *IEEE Transactions on Industrial Informatics*, **2020**, 16, 3828-3837	11.9	14
138	Distributed Adaptive Containment Control for Coupled Reaction-Diffusion Neural Networks With Directed Topology. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
137	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
136	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
135	Controllability of heterogeneous multiagent systems with two-time-scale feature. *Chaos*, **2019**, 29, 043116	3.6	8
134	Consensus of hybrid multi-agent systems by event-triggered/self-triggered strategy. *Applied Mathematics and Computation*, **2019**, 359, 490-501	2.7	30
133	Sampled-data leader-following algorithm for flocking of multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 609-619	2.5	6
132	Leader-following consensus of nonlinear fractional-order multi-agent systems over directed networks. *Nonlinear Dynamics*, **2019**, 96, 1391-1403	5	20
131	Time-varying formation for linear multi-agent systems based on sampled data with multiple leaders. *Neurocomputing*, **2019**, 339, 59-65	5.4	36

130	Positive Edge-Consensus for Nodal Networks via Output Feedback. *IEEE Transactions on Automatic Control*, **2019**, 64, 1244-1249	5.9	69
129	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
128	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
127	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
126	Stochastic stability analysis of evolutionary two-player games on regular graphs. *Physica A: Statistical Mechanics and Its Applications*, **2019**, 535, 122364	3.3	1
125	Containment control of second-order multi-agent systems via intermittent sampled position data communication. *Applied Mathematics and Computation*, **2019**, 362, 124522	2.7	34
124	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
123	An iterative Q-learning based global consensus of discrete-time saturated multi-agent systems. *Chaos*, **2019**, 29, 103127	3.3	3
122	Second-order controllability of two-time-Scale discrete-time multi-agent systems. *IET Control Theory and Applications*, **2019**, 13, 2356-2364	2.5	4
121	Robust adaptive synchronization of complex network with bounded disturbances. *Advances in Difference Equations*, **2019**, 2019,	3.6	7
120	Distributed load sharing and transmission power loss optimisation for DC microgrids. *IET Control Theory and Applications*, **2019**, 13, 2930-2939	2.5	2
119	On the Observability of Leader-Based Multiagent Systems with Fixed Topology. *Complexity*, **2019**, 2019, 1-10	1.6	10
118	Continuous-Time Opinion Dynamics With Stochastic Multiplicative Noises. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2019**, 66, 988-992	3.5	5
117	Self-triggered leader-following consensus of multi-agent systems with input time delay. *Neurocomputing*, **2019**, 330, 70-77	5.4	56
116	Second-order controllability of two-time-scale multi-agent systems. *Applied Mathematics and Computation*, **2019**, 343, 299-313	2.7	50
115	Quantized Consensus of Multi-Agent Networks With Sampled Data and Markovian Interaction Links. *IEEE Transactions on Cybernetics*, **2019**, 49, 1816-1825	10.2	23
114	Reaching Non-Negative Edge Consensus of Networked Dynamical Systems. *IEEE Transactions on Cybernetics*, **2018**, 48, 2712-2722	10.2	28
113	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

112	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
111	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
110	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
109	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
108	A Brief Overview of Flocking Control for Multi-agent Systems. *Lecture Notes in Computer Science*, **2018**, 48-58	0.9	1
107	Group controllability of continuous-time multi-agent systems. *IET Control Theory and Applications*, **2018**, 12, 1665-1671	2.5	18
106	Event-triggered consensus tracking for fractional-order multi-agent systems with general linear models. *Neurocomputing*, **2018**, 315, 292-298	5.4	18
105	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	
104	A Geometric Approach to Second-Order Consensus of Heterogeneous Networked Systems. *IEEE Transactions on Cybernetics*, **2018**,	10.2	3
103	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
102	Adaptive Leader-Follower Flocking for Uncertain Lagrange Systems with Input Saturation and External Disturbances **2018**,		2
101	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
100	Positive Edge Consensus of Complex Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2242-2250	7.3	77
99	Group controllability of two-time-scale multi-agent networks. *Journal of the Franklin Institute*, **2018**, 355, 6045-6061	4	45
98	Nonnegative Edge Quasi-Consensus of Networked Dynamical Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2017**, 64, 304-308	3.5	38
97	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
96	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
95	Distributed estimation and control for two-target tracking mobile sensor networks. *Journal of the Franklin Institute*, **2017**, 354, 2994-3007	4	28

94	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
93	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
92	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
91	On decentralized adaptive full-order sliding mode control of multiple UAVs. *ISA Transactions*, **2017**, 71, 196-205	5.5	84
90	Desensitized cubature Kalman filter with uncertain parameters. *Journal of the Franklin Institute*, **2017**, 354, 8358-8373	4	4
89	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
88	Event-triggered Kalman-consensus filter for two-target tracking sensor networks. *ISA Transactions*, **2017**, 71, 103-111	5.5	17
87	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
86	Edge consensus on complex networks: a structural analysis. *International Journal of Control*, **2017**, 90, 1584-1596	1.5	8
85	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
84	Distributed Bounds on the Algebraic Connectivity of Graphs With Application to Agent Networks. *IEEE Transactions on Cybernetics*, **2017**, 47, 2121-2131	10.2	18
83	Robust Semi-global Coordinated Tracking of Saturated Networked Systems. *IFAC-PapersOnLine*, **2017**, 50, 8303-8308	0.7	2
82	Group controllability of discrete-time multi-agent systems. *Journal of the Franklin Institute*, **2016**, 353, 3524-3559	4	27
81	Nonnegative edge consensus of networked linear systems **2016**,		4
80	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
79	Second-Order Consensus of Multi-agent Systems via Periodically Intermittent Pinning Control. *Circuits, Systems, and Signal Processing*, **2016**, 35, 2413-2431	2.2	23
78	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
77	An overview of coordinated control for multi-agent systems subject to input saturation. *Perspectives in Science*, **2016**, 7, 133-139	0.8	14

76	Consensus networks with time-delays over finite fields. *International Journal of Control*, **2016**, 89, 1000-1008	1.9	7
75	Consensus networks with switching topology and time-delays over finite fields. *Automatica*, **2016**, 68, 39-43	5.7	33
74	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
73	Flocking of networked Euler–Lagrange systems with uncertain parameters and time-delays under directed graphs. *Nonlinear Dynamics*, **2016**, 85, 415-424	5	19
72	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
71	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
70	Control of Networked Systems with Engineering Applications. *Mathematical Problems in Engineering*, **2016**, 2016, 1-2	1.1	
69	Improved exponential observer design for one-sided Lipschitz nonlinear systems. *International Journal of Robust and Nonlinear Control*, **2016**, 26, 3958-3973	3.6	53
68	Fault detection and identification for a class of nonlinear systems with model uncertainty. *Applied Mathematical Modelling*, **2016**, 40, 7368-7381	4.5	5
67	Swarming of heterogeneous multi-agent systems with periodically intermittent control. *Neurocomputing*, **2016**, 207, 213-219	5.4	16
66	Distributed estimation and control for mobile sensor networks with coupling delays. *ISA Transactions*, **2016**, 64, 141-150	5.5	27
65	Finite-time consensus of second-order multi-agent systems via a structural approach. *Journal of the Franklin Institute*, **2016**, 353, 3876-3896	4	16
64	A weighted adaptive-velocity self-organizing model and its high-speed performance. *Neurocomputing*, **2016**, 216, 402-408	5.4	7
63	Multi-agent containment control with input saturation on switching topologies. *IET Control Theory and Applications*, **2015**, 9, 399-409	2.5	84
62	Event-based synchronisation of linear discrete-time dynamical networks. *IET Control Theory and Applications*, **2015**, 9, 755-765	2.5	62
61	Containment for linear multi-agent systems with exogenous disturbances. *Neurocomputing*, **2015**, 160, 206-212	5.4	23
60	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
59	Global coordinated tracking of multi-agent systems with disturbance uncertainties via bounded control inputs. *Nonlinear Dynamics*, **2015**, 82, 2059-2068	5	21

58	Containment control for coupled harmonic oscillators with multiple leaders under directed topology. *International Journal of Control*, **2015**, 88, 248-255	1.5	27
57	Unknown input observer design for one-sided Lipschitz nonlinear systems. *Nonlinear Dynamics*, **2015**, 79, 1469-1479	5	91
56	Semi-global containment control of multi-agent systems with intermittent input saturation. *Journal of the Franklin Institute*, **2015**, 352, 3504-3525	4	67
55	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
54	Distributed adaptive containment for linear multi-agent systems using output information **2015**,		1
53	Coordinated Control and Estimation of Multiagent Systems with Engineering Applications. *Mathematical Problems in Engineering*, **2015**, 2015, 1-2	1.1	
52	Self-triggered based semi-global consensus tracking of multi-agent systems with input saturation **2015**,		2
51	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
50	Flocking of partially-informed multi-agent systems avoiding obstacles with arbitrary shape. *Autonomous Agents and Multi-Agent Systems*, **2015**, 29, 943-972	2	5
49	Adaptive Synchronization of Complex Dynamical Networks with Time-Varying Delays. *Circuits, Systems, and Signal Processing*, **2014**, 33, 1173-1188	2.2	19
48	Pinning control of complex networked systems: A decade after and beyond. *Annual Reviews in Control*, **2014**, 38, 103-111	10.3	58
47	Semiglobal Observer-Based Leader-Following Consensus With Input Saturation. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 2842-2850	8.9	206
46	Coordinated obstacle avoidance with reduced interaction. *Neurocomputing*, **2014**, 139, 233-245	5.4	5
45	Nonlinear . *Neurocomputing*, **2014**, 145, 505-511	5.4	25
44	Modeling and Control of Complex Networked Systems. *Mathematical Problems in Engineering*, **2014** , 2014, 1-2	1.1	
43	Event-triggered tracking control for discrete-time multi-agent systems. *IMA Journal of Mathematical Control and Information*, **2014**, 31, 165-182	1.1	8
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