

Jiangping Hu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

3,799
citations

21
h-index

61
g-index

114
ext. papers

4,910
ext. citations

3.3
avg, IF

5.97
L-index

#	Paper	IF	Citations
89	Tracking control for multi-agent consensus with an active leader and variable topology. <i>Automatica</i> , 2006 , 42, 1177-1182	5.7	1303
88	Leader-following coordination of multi-agent systems with coupling time delays. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 374, 853-863	3.3	644
87	Distributed tracking control of leader-follower multi-agent systems under noisy measurement. <i>Automatica</i> , 2010 , 46, 1382-1387	5.7	324
86	Lyapunov-Based Approach to Multiagent Systems With Switching Jointly Connected Interconnection. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 943-948	5.9	313
85	Emergent collective behaviors on cooperation networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014 , 378, 1787-1796	2.3	131
84	Adaptive tracking control of leader-follower systems with unknown dynamics and partial measurements. <i>Automatica</i> , 2014 , 50, 1416-1423	5.7	100
83	Consensus Control of General Linear Multiagent Systems With Antagonistic Interactions and Communication Noises. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2122-2127	5.9	79
82	Consensus control for multi-agent systems with double-integrator dynamics and time delays. <i>IET Control Theory and Applications</i> , 2010 , 4, 109-118	2.5	70
81	Leader-following consensus for multi-agent systems via sampled-data control. <i>IET Control Theory and Applications</i> , 2011 , 5, 1658-1665	2.5	57
80	Adaptive bipartite consensus control of high-order multiagent systems on cooperation networks. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2868-2886	3.6	52
79	Consensus of second-order multi-agent systems with nonuniform time-varying delays. <i>Neurocomputing</i> , 2012 , 97, 410-414	5.4	52
78	Adaptive bipartite consensus on cooperation networks. <i>Physica D: Nonlinear Phenomena</i> , 2015 , 307, 14-21, 3	3.3	51
77	Bipartite Consensus Control of High-Order Multiagent Systems With Unknown Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2189-2199	7.3	40
76	Nonlinear filtering in target tracking using cooperative mobile sensors. <i>Automatica</i> , 2010 , 46, 2041-2046, 5	5.7	39
75	Adaptive Antisynchronization of Multilayer Reaction-Diffusion Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 807-818	10.3	38
74	Data-driven optimal tracking control of discrete-time multi-agent systems with two-stage policy iteration algorithm. <i>Information Sciences</i> , 2019 , 481, 189-202	7.7	38
73	An observer-based consensus tracking control and application to event-triggered tracking. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2015 , 20, 559-570	3.7	35

72	Interventional consensus for high-order multi-agent systems with unknown disturbances on cooperation networks. <i>Neurocomputing</i> , 2016 , 194, 126-134	5.4	34
71	Collective coordination of multi-agent systems guided by multiple leaders. <i>Chinese Physics B</i> , 2009 , 18, 3777-3782	1.2	33
70	A novel optimal bipartite consensus control scheme for unknown multi-agent systems via model-free reinforcement learning. <i>Applied Mathematics and Computation</i> , 2020 , 369, 124821	2.7	28
69	Interventional bipartite consensus on cooperation networks with unknown dynamics. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4438-4456	4	23
68	Quantized tracking control for a multi-agent system with high-order leader dynamics. <i>Asian Journal of Control</i> , 2011 , 13, 988-997	1.7	18
67	An ADMM Based Distributed Finite-Time Algorithm for Economic Dispatch Problems. <i>IEEE Access</i> , 2018 , 6, 30969-30976	3.5	18
66	Optimal Tracking Control of Nonlinear Multiagent Systems Using Internal Reinforce Q-Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	17
65	OPTIMAL TARGET TRAJECTORY ESTIMATION AND FILTERING USING NETWORKED SENSORS. <i>Journal of Systems Science and Complexity</i> , 2008 , 21, 325-336	1	16
64	Chaotification of a class of linear switching systems based on a Shilnikov criterion. <i>Journal of the Franklin Institute</i> , 2017 , 354, 5519-5536	4	15
63	Observer-based output regulation of cooperative-competitive high-order multi-agent systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4111-4130	4	11
62	New Event-based Control for Sampled-data Consensus of Multi-agent Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1107-1116	2.9	10
61	Data-driven containment control of discrete-time multi-agent systems via value iteration. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	10
60	Learning-based Walking Assistance Control Strategy for a Lower Limb Exoskeleton with Hemiplegia Patients 2018 ,		10
59	Cooperative shift estimation of target trajectory using clustered sensors. <i>Journal of Systems Science and Complexity</i> , 2014 , 27, 413-429	1	9
58	Distributed inexact dual consensus ADMM for network resource allocation. <i>Optimal Control Applications and Methods</i> , 2019 , 40, 1071-1087	1.7	8
57	Distributed dynamic control for leaderless multi-agent consensus with star-like topology. <i>Asian Journal of Control</i> , 2008 , 10, 233-237	1.7	8
56	Fully distributed output regulation of high-order multi-agent systems on cooperation networks. <i>Neurocomputing</i> , 2018 , 281, 178-187	5.4	8
55	Distributed Inexact Consensus-Based ADMM Method for Multi-Agent Unconstrained Optimization Problem. <i>IEEE Access</i> , 2019 , 7, 79311-79319	3.5	7

54	Second-Order Multiagent Systems with Event-Driven Consensus Control. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-9	0.7	7
53	Bipartite consensus strategies for cooperation networks 2014 ,		6
52	Distributed initialization-free algorithms for multi-agent optimization problems with coupled inequality constraints. <i>Neurocomputing</i> , 2020 , 407, 155-162	5.4	6
51	Distributed Functional Observer-based Event-triggered Containment Control of Multi-agent Systems. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1094-1102	2.9	6
50	Data-Driven Reinforcement Learning for Walking Assistance Control of a Lower Limb Exoskeleton with Hemiplegic Patients 2020 ,		6
49	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7359-7367	11.9	6
48	Generating chaos for a class of linear switching control systems: A hybrid approach. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5853-5865	4	5
47	. <i>IEEE Access</i> , 2020 , 8, 88215-88226	3.5	5
46	Field Coil Optimization and Characteristics Contrastive Analysis for a High-Temperature Superconducting Generator Prototype. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-7	1.8	5
45	Observer-based output feedback distributed event-triggered control for linear multi-agent systems under general directed graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 534, 122288	3.3	5
44	Event-based bipartite consensus on signed networks 2013 ,		5
43	Finite-Time Velocity-Free Rendezvous Control of Multiple AUV Systems With Intermittent Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-12	7.3	5
42	Optimal output anti-synchronisation of cooperative-competitive multi-agent systems via distributed observer. <i>IET Control Theory and Applications</i> , 2019 , 13, 2029-2038	2.5	5
41	Adaptive scaled consensus control of cooperation networks with high-order agent dynamics. <i>International Journal of Control</i> , 2021 , 94, 909-922	1.5	5
40	Finite-time velocity-free observer-based consensus tracking for heterogeneous uncertain AUVs via adaptive sliding mode control. <i>Ocean Engineering</i> , 2021 , 237, 109565	3.9	5
39	Hand gesture based control strategy for mobile robots 2017 ,		4
38	Bipartite Consensus Control of Multiagent Systems on Cooperation Networks. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-9	0.7	4
37	Bounded consensus tracking control of second-order multi-agent systems with active leader and jointly connected topology. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 504-513	1.8	4

36	Adaptive bipartite consensus control of general linear multi-agent systems using noisy measurements. <i>European Journal of Control</i> , 2021 , 59, 123-128	2.5	4
35	Distributed event-triggered protocols with Kx-functional observer for leader-following multi-agent systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 535, 122457	3.3	3
34	Periodic event-triggered control of flywheel energy storage matrix systems for wind farms. <i>IET Control Theory and Applications</i> , 2020 , 14, 1467-1477	2.5	3
33	Understanding the mechanism of human-computer game: a distributed reinforcement learning perspective. <i>International Journal of Systems Science</i> , 2020 , 51, 2837-2848	2.3	3
32	Finite-Time Output Regulation of Linear Heterogeneous Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
31	. <i>IEEE Transactions on Control of Network Systems</i> , 2021 , 1-1	4	3
30	Optimal Tracking Control of Heterogeneous Multi-agent Systems with Switching Topology Via Actor-Critic Neural Networks 2018 ,		3
29	On computer virus spreading using node-based model with time-delayed intervention strategies. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	2
28	Data-Driven Optimal Assistance Control of a Lower Limb Exoskeleton for Hemiplegic Patients. <i>Frontiers in Neurorobotics</i> , 2020 , 14, 37	3.4	2
27	Adaptive bipartite tracking control of leader-follower systems on cooperation networks 2014 ,		2
26	Finite-time observer based tracking control of uncertain heterogeneous underwater vehicles using adaptive sliding mode approach. <i>Neurocomputing</i> , 2022 , 481, 322-332	5.4	2
25	Secure Degrees of Freedom of MIMO Two-Way Wiretap Channel With no CSI Anywhere. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 7927-7941	9.6	2
24	Bipartite output synchronization of heterogeneous time-varying multi-agent systems via edge-based adaptive protocols. <i>Journal of the Franklin Institute</i> , 2020 , 357, 12808-12824	4	2
23	Adaptive bipartite consensus of multi-agent systems with high-order dynamics and antagonistic interactions 2016 ,		2
22	Reduced-order observer-based consensus control of linear multi-agent systems over directed networks with nonuniform communication delays. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 759-770	1.8	2
21	Optimal Output Regulation for General Linear Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
20	Optimal containment control of continuous-time multi-agent systems with unknown disturbances using data-driven approach. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	1
19	Adaptive fault-tolerant tracking control for singular multi-agent systems 2017 ,		1

18	Second-order event-triggered tracking control with only position measurements 2012 ,		1
17	Robust Consensus Tracking Control of A Second-order Leader-follower Multi-agent System. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 130-135		1
16	Internal reinforcement adaptive dynamic programming for optimal containment control of unknown continuous-time multi-agent systems. <i>Neurocomputing</i> , 2020 , 413, 85-95	5.4	1
15	Distributed multi-agent temporal-difference learning with full neighbor information. <i>Control Theory and Technology</i> , 2020 , 18, 379-389	1	1
14	Bipartite consensus control of high-order multi-agent systems. <i>IFAC-PapersOnLine</i> , 2019 , 52, 201-206	0.7	1
13	Fuzzy Hegselmann-Krause Opinion Dynamics with Opinion Leaders 2019 ,		1
12	Consensus of Linear Multi-Agent Systems by Distributed Event-Triggered Control with Functional Observers 2019 ,		1
11	Distributed Secondary Voltage Control of Microgrids with Nonuniform Time-Varying Delays 2018 ,		1
10	Reset output feedback control of cluster linear multi-agent systems. <i>Journal of the Franklin Institute</i> , 2021 , 358, 8419-8419	4	1
9	Distributed Optimal Tracking Control of Discrete-Time Multiagent Systems via Event-Triggered Reinforcement Learning. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	1
8	Consensus Control of High-Order Multi-Agent Systems with Antagonistic Interactions and Measurement Noises. <i>IFAC-PapersOnLine</i> , 2017 , 50, 2482-2487	0.7	0
7	Event-triggered Consensus Control of Multi-agent Systems with Nonuniform Communication Delays via Reduced-Order Observers. <i>IFAC-PapersOnLine</i> , 2020 , 53, 3230-3235	0.7	0
6	Adaptive Tracking Control of Second-Order Multiagent Systems with Jointly Connected Topologies. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-11	1.1	0
5	Adaptive Leader-following Control of Second-order Multi-agent Systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2014 , 47, 11691-11696		
4	Weak-Model Based Reinforcement Learning Control Strategy of Aircraft Attitude System. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 5177-5187	0.2	
3	A solution strategy for distributed uncertain economic dispatch problems via scenario theory. <i>Control Theory and Technology</i> , 2021 , 19, 499	1	
2	A Novel Cryogenic System Suitable for 10 MW Superconducting Wind Generators. <i>IEEE Transactions on Applied Superconductivity</i> , 2018 , 28, 1-5	1.8	
1	Leader-Following Consensus Control of Nabla Discrete Fractional Order Multi-Agent Systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2897-2902	0.7	

