Lipo Mo

List of Publications by Year
in descending order

60 papers	515 citations	759233 12 h-index	752698 20 g-index
61 all docs	61 docs citations	61 times ranked	362 citing authors

#	Article	IF	Citations
1	Distributed consensus of secondâ€order multiagent systems with nonconvex input constraints. International Journal of Robust and Nonlinear Control, 2018, 28, 3657-3664.	3.7	51
2	Mean-square consensus of heterogeneous multi-agent systems with nonconvex constraints, Markovian switching topologies and delays. Neurocomputing, 2018, 291, 167-174.	5.9	46
3	Consensus of heterogeneous multi-agent systems with switching jointly-connected interconnection. Physica A: Statistical Mechanics and Its Applications, 2015, 427, 132-140.	2.6	35
4	Mean-square consensus of heterogeneous multi-agent systems with communication noises. Journal of the Franklin Institute, 2018, 355, 3717-3736.	3.4	35
5	Consensus of Linear Multi-Agent Systems with Persistent Disturbances via Distributed Output Feedback. Journal of Systems Science and Complexity, 2019, 32, 835-845.	2.8	25
6	Multiagent Containment Control With Nonconvex States Constraints, Nonuniform Time Delays, and Switching Directed Networks. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5021-5028.	11.3	23
7	Neuro-adaptive leaderless consensus of fractional-order multi-agent systems. Neurocomputing, 2019, 339, 17-25.	5.9	22
8	Distributed Containment Control of Fractional-order Multi-agent Systems with Double-integrator and Nonconvex Control Input Constraints. International Journal of Control, Automation and Systems, 2020, 18, 1728-1742.	2.7	18
9	Target-encirclement control of fractional-order multi-agent systems with a leader. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 479-491.	2.6	16
10	Distributed Continuous-Time Optimization of Second-Order Multiagent Systems With Nonconvex Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6404-6413.	9.3	15
11	Observer-based quasi-containment of fractional-order multi-agent systems via event-triggered strategy. International Journal of Systems Science, 2019, 50, 517-533.	5.5	13
12	A further result on consensus problems of second-order multi-agent systems with directed graphs, a moving mode and multiple delays. ISA Transactions, 2017, 71, 21-24.	5.7	12
13	Distributed containment control of fractionalâ€order multiâ€agent systems using neural networks. Asian Journal of Control, 2022, 24, 149-158.	3.0	12
14	Finite-time rotating target-encirclement motion of multi-agent systems with a leader. Chinese Journal of Physics, 2018, 56, 2265-2274.	3.9	11
15	Cooperative H_{infty} Control of Multiple High-Speed Trains With Saturation Constraints. IEEE Access, 2019, 7, 129437-129442.	4.2	11
16	Distributed robust H_{â^ž} composite-rotating consensus of second-order multi-agent systems. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772251.	2.2	10
17	Distributed Second-Order Continuous-Time Optimization via Adaptive Algorithm with Nonuniform Gradient Gains. Journal of Systems Science and Complexity, 2020, 33, 1914-1932.	2.8	10
18	Distributed Heterogeneous Multi-Agent Networks Optimization with Nonconvex Velocity Constraints. Journal of the Franklin Institute, 2020, 357, 7139-7158.	3.4	10

#	Article	IF	Citations
19	Consensus for heterogeneous multi-agent systems with nonconvex input constraints and nonuniform time delays. Journal of the Franklin Institute, 2020, 357, 3622-3635.	3.4	9
20	Distributed Optimization Algorithm for Discrete-Time Heterogeneous Multi-Agent Systems With Nonuniform Stepsizes. IEEE Access, 2019, 7, 87303-87312.	4.2	8
21	Consensus Analysis for High-order Heterogeneous Networks with Communication Delays and Dynamically Changing Digraphs. International Journal of Control, Automation and Systems, 2018, 16, 550-558.	2.7	7
22	Distributed Finite-Time Rotating Encirclement Control of Multiagent Systems With Nonconvex Input Constraints. IEEE Access, 2019, 7, 102477-102486.	4.2	7
23	Nonconvex Constrained Consensus of Discrete-Time Heterogeneous Multi-Agent Systems With Arbitrarily Switching Topologies. IEEE Access, 2019, 7, 38157-38161.	4.2	7
24	Distributed Containment Control of Fractional-Order Multi-Agent Systems With Unknown Persistent Disturbances on Multilayer Networks. IEEE Access, 2020, 8, 5589-5600.	4.2	7
25	Consensusability of continuousâ€time multiâ€agent systems with general linear dynamics and intermittent measurements. IET Control Theory and Applications, 2013, 7, 842-847.	2.1	6
26	Agreement coordination of fractional-order multi-agent systems with reactionâ€“diffusion and persistent disturbances. Physica A: Statistical Mechanics and Its Applications, 2019, 525, 680-693.	2.6	6
27	Distributed Multi-Target Rotating Encirclement Control of Second-Order Multi-Agent Systems With Nonconvex Input Constraints. IEEE Access, 2020, 8, 27624-27633.	4.2	6
28	Distributed optimization without boundedness of gradients for second-order multi-agent systems over unbalanced network. Information Sciences, 2021, 565, 177-195.	6.9	6
29	Distributed secondâ€order multiâ€agent constrained optimization algorithm with timeâ€varying cost function. Asian Journal of Control, 2023, 25, 395-406.	3.0	6
30	Finite-Time H âˆž Inverse Optimal Control of Affine Nonlinear Systems. Circuits, Systems, and Signal Processing, 2013, 32, 47-60.	2.0	5
31	Consensus of Discrete-time Multi-agent Systems with White Noise Disturbance**This work is supported by National Natural Science Foundation (NNSF) of China (Grant No. 61304155) and the Beijing Municipal Government Foundation for Talents (Grant No. 2012D005003000005).. IFAC-PapersOnLine, 2015, 48, 202-205.	0.9	5
32	Noise-Induced Truth Seeking of Heterogeneous Hegselmann-Krause Opinion Dynamics. Advances in Mathematical Physics, 2018, 2018, 1-6.	0.8	5
33	Quasiâ€composite rotating formation control of secondâ€order multiâ€agent systems. IET Control Theory and Applications, 2019, 13, 1571-1578.	2.1	5
34	Mean-square <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e242" altimg="si4.svg"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> antagonistic formations of second-order multi-agent systems with multiplicative noises and external disturbances. ISA Transactions, 2020, 97, 36-43.	5.7	5
35	Robust stabilization for multi-input polytopic nonlinear systems. Journal of Systems Science and Complexity, 2011, 24, 93-104.	2.8	4
36	Distributed Coordination Control of First- and Second-Order Multiagent Systems with External Disturbances. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	4

#	Article	IF	Citations
37	Distributed Continuous-time Optimization over Second-order Multi-agent Networks with Nonuniform Gains. , 2019, , .		4
38	Containment control of fractional discrete-time multi-agent systems with nonconvex constraints. Applied Mathematics and Computation, 2021, 409, 126378.	2.2	4
39	Distributed discrete-time optimization of heterogeneous multi-agent networks with unbounded position constraints and nonconvex velocity constraints. Neurocomputing, 2021, 466, 92-101.	5.9	4
40	Mean-square consensus of discrete-time multi-agent systems with Markovian switching topologies and persistent disturbances. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772631.	2.2	3
41	Constrained Consensus of Continuous-Time Heterogeneous Multi-Agent Networks with Nonconvex Constraints and Delays. Journal of Systems Science and Complexity, 2022, 35, 105-122.	2.8	3
42	Improved Finite Time in Eliminating Disagreement of Opinion Dynamics via Noise. Advances in Mathematical Physics, 2017, 2017, 1-6.	0.8	2
43	Containment control for multi-agent systems with fractional Brownian motion. Applied Mathematics and Computation, 2021, 398, 125814.	2.2	2
44	Improved Distributed Optimization Algorithm for Continuous Time Multi-agent Systems With Time-Varying Cost Function. , 2021, , .		2
45	Sign Stability of Dual Switching Linear Continuous-Time Positive Systems. Symmetry, 2021, 13, 2194.	2.2	2
46	Consensus of Linear Multi-agent Systems with Persistent Disturbances. Lecture Notes in Electrical Engineering, 2016, , 101-110.	0.4	1
47	Antagonistic formations of multi-agent systems with addictive noises and multiplicative noises. , 2017, , .		1
48	Distributed Containment Control of Fractional-order Multi-agent Systems Based on Projection Algorithm. , 2019, , .		1
49	Compositeâ€rotating consensus of multiâ€agent systems with a leader and nonuniform delays. Asian Journal of Control, 2020, 22, 1714-1720.	3.0	1
50	Consensus problems on networks with free protocol*. Chinese Physics B, 2021, 30, 070701.	1.4	1
51	Containment Control With Different Constraints. IEEE Transactions on Control of Network Systems, 2023, 10, 579-585.	3.7	1
52	Consensus of a class of multi-agent systems with an active leader under Markovian communication. , 2014, , .		0
53	LMI conditions for H<inf>âˆž</inf> consensus of fractional-order multi-agent networks. , 2017, , .		0
54	Distributed robust H<inf>âˆž</inf> composite-rotating consensus of second order multi-agent systems. , 2017, , .		0

#	Article	IF	Citations
55	Mean-Square Quasi-Composite Rotating Formation Control of Second-Order Multi-Agent Systems under Stochastic Communication Noises. Proceedings of International Conference on Artificial Life and Robotics, 2019, 24, 411-414.	0.1	0
56	Consensus of Discrete-Time Heterogenous Multi-agent Systems with Nonconvex Velocity and Input Constraints. Lecture Notes in Electrical Engineering, 2020, , 101-110.	0.4	0
57	Distributed Robust $$H_infty $$ Containment Control for Fractional-Order Multi-agent Networks. Lecture Notes in Electrical Engineering, 2021, , 367-376.	0.4	0
58	Constrained consensus over continuousâ€time multiâ€agent networks with state constraints, nonâ€convex input constraints and time delays. IET Control Theory and Applications, 2020, 14, 3731-3737.	2.1	0
59	Corrections for â€œAgreement coordination of fractional- order multi-agent systems with reactionâ€“diffusion and persistent disturbancesâ€. Physica A: Statistical Mechanics and Its Applications, 2022, 587, 126507.	2.6	0
60	Leader-Following Consensus of Second-Order Networks with a Moving Leader and Nonconvex Input Constraints. Lecture Notes in Electrical Engineering, 2021, , 57-68.	0.4	0