

# Yongfang Liu

## List of Publications by Year in descending order

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25  
papers

1,151  
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567281

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#	ARTICLE	IF	CITATIONS
1	Cooperative Time-Varying Formation for Multiple Lipschitz-Type Nonlinear Systems: An Event-Triggered Adaptive Mechanism. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 464-468.	3.0	2
2	Appointed-Time Average Consensus Over Directed Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2922-2926.	3.0	2
3	Practical Fixed-Time Affine Formation for Multi-Agent Systems With Time-Based Generators. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4433-4437.	3.0	10
4	Fixed-time bipartite synchronization with a pre-appointed settling time over directed cooperative“antagonistic networks. Automatica, 2021, 123, 109301.	5.0	48
5	Pre-specified-time coordination algorithm for convex optimization problems over weight-unbalanced networks. , 2021, , .		2
6	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. IEEE Transactions on Cybernetics, 2020, 50, 1450-1459.	9.5	44
7	Distributed Average Tracking for Lipschitz-Type of Nonlinear Dynamical Systems. IEEE Transactions on Cybernetics, 2019, 49, 4140-4152.	9.5	65
8	Finite-Time Distributed Average Tracking for Second-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1780-1789.	11.3	36
9	Designing Distributed Specified-Time Consensus Protocols for Linear Multiagent Systems Over Directed Graphs. IEEE Transactions on Automatic Control, 2019, 64, 2945-2952.	5.7	160
10	Distributed finite“time tracking of second“order multi“agent systems: An edge“based approach. IET Control Theory and Applications, 2018, 12, 149-154.	2.1	17
11	Appointed-time consensus: Accurate and practical designs. Automatica, 2018, 89, 425-429.	5.0	123
12	A decoupled designing approach for sampling consensus of multi“agent systems. International Journal of Robust and Nonlinear Control, 2018, 28, 310-325.	3.7	16
13	Specified-time coordination control algorithms of multiple harmonic oscillators over directed graphs. Nonlinear Dynamics, 2018, 91, 343-358.	5.2	2
14	Finite-time average estimation for multiple double integrators with unknown bounded inputs. , 2018, , .		1
15	Distributed Optimization for Linear Multiagent Systems: Edge- and Node-Based Adaptive Designs. IEEE Transactions on Automatic Control, 2017, 62, 3602-3609.	5.7	193
16	Sampled-data based consensus for multiple harmonic oscillators with directed switching topology. Journal of the Franklin Institute, 2017, 354, 3519-3539.	3.4	16
17	Specified“time containment control of multi“agent systems over directed topologies. IET Control Theory and Applications, 2017, 11, 576-585.	2.1	23
18	Distributed average tracking for multiple signals generated by linear dynamical systems: An edge-based framework. Automatica, 2017, 75, 158-166.	5.0	135

#	ARTICLE	IF	CITATIONS
19	Specified finite-time containment tracking for multiple high-order linear multi-agent systems. , 2017, , .		6
20	Specified-time consensus for multi-agent systems. , 2017, , .		1
21	Distributed adaptive time-varying formation for multiple linear dynamical systems over a directed topology. , 2017, , .		0
22	Finite-time formation tracking control for multiple vehicles: A motion planning approach. International Journal of Robust and Nonlinear Control, 2016, 26, 3130-3149.	3.7	81
23	Sampled-data-based consensus and containment control of multiple harmonic oscillators: A motion-planning approach. Chaos, 2016, 26, 116303.	2.5	20
24	Distributed average computation for multiple time-varying signals with output measurements. International Journal of Robust and Nonlinear Control, 2016, 26, 2899-2915.	3.7	54
25	Finite-time formation control for linear multi-agent systems: A motion planning approach. Systems and Control Letters, 2015, 85, 54-60.	2.3	94