

Yongfang Liu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,151
citations

567281

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times ranked

726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Distributed Optimization for Linear Multiagent Systems: Edge- and Node-Based Adaptive Designs. IEEE Transactions on Automatic Control, 2017, 62, 3602-3609. | 5.7 | 193 |
| 2 | 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 |
| 3 | Distributed average tracking for multiple signals generated by linear dynamical systems: An edge-based framework. Automatica, 2017, 75, 158-166. | 5.0 | 135 |
| 4 | Appointed-time consensus: Accurate and practical designs. Automatica, 2018, 89, 425-429. | 5.0 | 123 |
| 5 | Finite-time formation control for linear multi-agent systems: A motion planning approach. Systems and Control Letters, 2015, 85, 54-60. | 2.3 | 94 |
| 6 | 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 |
| 7 | Distributed Average Tracking for Lipschitz-Type of Nonlinear Dynamical Systems. IEEE Transactions on Cybernetics, 2019, 49, 4140-4152. | 9.5 | 65 |
| 8 | 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 |
| 9 | Fixed-time bipartite synchronization with a pre-appointed settling time over directed cooperative-antagonistic networks. Automatica, 2021, 123, 109301. | 5.0 | 48 |
| 10 | 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 |
| 11 | 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 |
| 12 | Specified-time containment control of multi-agent systems over directed topologies. IET Control Theory and Applications, 2017, 11, 576-585. | 2.1 | 23 |
| 13 | Sampled-data-based consensus and containment control of multiple harmonic oscillators: A motion-planning approach. Chaos, 2016, 26, 116303. | 2.5 | 20 |
| 14 | 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 |
| 15 | Sampled-data based consensus for multiple harmonic oscillators with directed switching topology. Journal of the Franklin Institute, 2017, 354, 3519-3539. | 3.4 | 16 |
| 16 | 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 |
| 17 | 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 |
| 18 | Specified finite-time containment tracking for multiple high-order linear multi-agent systems. , 2017, , . | | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Specified-time coordination control algorithms of multiple harmonic oscillators over directed graphs. <i>Nonlinear Dynamics</i> , 2018, 91, 343-358. | 5.2 | 2 |
| 20 | Cooperative Time-Varying Formation for Multiple Lipschitz-Type Nonlinear Systems: An Event-Triggered Adaptive Mechanism. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 464-468. | 3.0 | 2 |
| 21 | Pre-specified-time coordination algorithm for convex optimization problems over weight-unbalanced networks. , 2021, , . | | 2 |
| 22 | Appointed-Time Average Consensus Over Directed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 2922-2926. | 3.0 | 2 |
| 23 | Specified-time consensus for multi-agent systems. , 2017, , . | | 1 |
| 24 | Finite-time average estimation for multiple double integrators with unknown bounded inputs. , 2018, , . | | 1 |
| 25 | Distributed adaptive time-varying formation for multiple linear dynamical systems over a directed topology. , 2017, , . | | 0 |