

Shude He

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,257
citations

686830

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996533

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docs citations

24
times ranked

630
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Leader-Follower Formation Control of USVs With Prescribed Performance and Collision Avoidance. IEEE Transactions on Industrial Informatics, 2019, 15, 572-581. | 7.2 | 293 |
| 2 | Platoon Formation Control With Prescribed Performance Guarantees for USVs. IEEE Transactions on Industrial Electronics, 2018, 65, 4237-4246. | 5.2 | 252 |
| 3 | Adaptive Neural Control of Underactuated Surface Vessels With Prescribed Performance Guarantees. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3686-3698. | 7.2 | 202 |
| 4 | Adaptive Leader-Follower Formation Control of Nonholonomic Mobile Robots With Prescribed Transient and Steady-State Performance. IEEE Transactions on Industrial Informatics, 2020, 16, 3662-3671. | 7.2 | 104 |
| 5 | Distributed Cooperative Learning Control of Uncertain Multiagent Systems With Prescribed Performance and Preserved Connectivity. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3217-3229. | 7.2 | 65 |
| 6 | Adaptive Leader-Follower Formation Control of Underactuated Surface Vehicles With Guaranteed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1997-2008. | 5.9 | 60 |
| 7 | Asymptotic Trajectory Tracking Control With Guaranteed Transient Behavior for MSV With Uncertain Dynamics and External Disturbances. IEEE Transactions on Industrial Electronics, 2019, 66, 3712-3720. | 5.2 | 59 |
| 8 | Transverse function control with prescribed performance guarantees for underactuated marine surface vehicles. International Journal of Robust and Nonlinear Control, 2019, 29, 1577-1596. | 2.1 | 54 |
| 9 | Adaptive neural formation control for underactuated unmanned surface vehicles with collision and connectivity constraints. Ocean Engineering, 2021, 226, 108834. | 1.9 | 45 |
| 10 | Cooperative Learning-Based Formation Control of Autonomous Marine Surface Vessels With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2565-2577. | 5.9 | 32 |
| 11 | Cooperative deterministic learning and formation control for underactuated USVs with prescribed performance. International Journal of Robust and Nonlinear Control, 2022, 32, 2902-2924. | 2.1 | 27 |
| 12 | Transverse function approach to practical stabilisation of underactuated surface vessels with modelling uncertainties and unknown disturbances. IET Control Theory and Applications, 2017, 11, 2573-2584. | 1.2 | 19 |
| 13 | Adaptive synchronization control of uncertain multiple USVs with prescribed performance and preserved connectivity. Science China Information Sciences, 2022, 65, 1. | 2.7 | 14 |
| 14 | Vision-based neural formation tracking control of multiple autonomous vehicles with visibility and performance constraints. Neurocomputing, 2022, 492, 651-663. | 3.5 | 12 |
| 15 | Performance-Guaranteed Tracking Control of an Autonomous Surface Vessel With Parametric Uncertainties and Time-Varying Disturbances. IEEE Access, 2019, 7, 101905-101914. | 2.6 | 8 |
| 16 | Distributed Adaptive Formation Control of MSVs With Prescribed Performance Under Undirected Graph. , 2018, , . | | 4 |
| 17 | Performance-guaranteed control of an autonomous underwater vehicle subject to time-varying disturbances. , 2018, , . | | 2 |
| 18 | Leader-follower formation control of fully actuated USVs with prescribed performance and collision avoidance. , 2017, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 19 | Platoon Formation Control of USVs With Output Tracking Error Constraints. , 2018, , . | | 1 |
| 20 | Finite-time formation control of mobile robots under limited sensing range. , 2018, , . | | 1 |
| 21 | Finite-Time Synchronization of Nonlinear Multi-Agent Systems with Prescribed Performance. , 2019, , . | | 1 |
| 22 | Finite-Time Trajectory Tracking Control of MSV With Prescribed Transient Performance. , 2019, , . | | 1 |
| 23 | Adaptive tracking control of underactuated surface vessels with model uncertainties. , 2017, , . | | 0 |
| 24 | Trajectory tracking control of underactuated surface vessel with output tracking error constraints. , 2017, , . | | 0 |