

# Shude He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4076604/publications.pdf>

Version: 2024-02-01

24  
papers

1,257  
citations

686830

13  
h-index

996533

15  
g-index

24  
all docs

24  
docs citations

24  
times ranked

630  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Adaptive synchronization control of uncertain multiple USVs with prescribed performance and preserved connectivity. Science China Information Sciences, 2022, 65, 1.	2.7	14
3	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
4	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
5	Vision-based neural formation tracking control of multiple autonomous vehicles with visibility and performance constraints. Neurocomputing, 2022, 492, 651-663.	3.5	12
6	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
7	Adaptive neural formation control for underactuated unmanned surface vehicles with collision and connectivity constraints. Ocean Engineering, 2021, 226, 108834.	1.9	45
8	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
9	Leader-Follower Formation Control of USVs With Prescribed Performance and Collision Avoidance. IEEE Transactions on Industrial Informatics, 2019, 15, 572-581.	7.2	293
10	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
11	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
12	Finite-Time Synchronization of Nonlinear Multi-Agent Systems with Prescribed Performance. , 2019, , .		1
13	Finite-Time Trajectory Tracking Control of MSV With Prescribed Transient Performance. , 2019, , .		1
14	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
15	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
16	Platoon Formation Control With Prescribed Performance Guarantees for USVs. IEEE Transactions on Industrial Electronics, 2018, 65, 4237-4246.	5.2	252
17	Platoon Formation Control of USVs With Output Tracking Error Constraints. , 2018, , .		1
18	Distributed Adaptive Formation Control of MSVs With Prescribed Performance Under Undirected Graph. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Finite-time formation control of mobile robots under limited sensing range. , 2018, , .		1
20	Performance-guaranteed control of an autonomous underwater vehicle subject to time-varying disturbances. , 2018, , .		2
21	Adaptive tracking control of underactuated surface vessels with model uncertainties. , 2017, , .		0
22	Leader-follower formation control of fully actuated USVs with prescribed performance and collision avoidance. , 2017, , .		1
23	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
24	Trajectory tracking control of underactuated surface vessel with output tracking error constraints. , 2017, , .		0