

Zhenyu Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fixed-time sliding mode formation control of AUVs based on a disturbance observer. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 539-545.	8.5	101
2	Fixed-Time Leader-Follower Formation Control of Autonomous Underwater Vehicles With Event-Triggered Intermittent Communications. IEEE Access, 2018, 6, 27902-27911.	2.6	82
3	Velocity free leader-follower formation control for autonomous underwater vehicles with line-of-sight range and angle constraints. Information Sciences, 2019, 486, 359-378.	4.0	74
4	Command filtered fixed-time trajectory tracking control of surface vehicles based on a disturbance observer. International Journal of Robust and Nonlinear Control, 2019, 29, 4348-4365.	2.1	42
5	Adaptive formation control of autonomous underwater vehicles with model uncertainties. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1067-1080.	2.3	31
6	Adaptive heading tracking control of surface vehicles with unknown control directions and full state constraints. Neurocomputing, 2019, 359, 517-525.	3.5	20
7	Command Filtered Finite/Fixed-time Heading Tracking Control of Surface Vehicles. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1667-1676.	8.5	20
8	Command filtered finite-time formation tracking control of AUVs with unknown control directions. IET Control Theory and Applications, 2020, 14, 1744-1751.	1.2	20
9	Prescribed-time formation control of surface vessels with asymmetric constraints on LOS range and bearing angles. Nonlinear Dynamics, 2021, 104, 3701-3712.	2.7	16
10	Prescribed-Time Control of Vehicular Platoons Based on a Disturbance Observer. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3789-3793.	2.2	15
11	Command filtered path tracking control of saturated ASVs based on time-varying disturbance observer. Asian Journal of Control, 2020, 22, 1197-1210.	1.9	11
12	Fixed-Time Leader-Following Formation Control of Fully-Actuated Underwater Vehicles Without Velocity Measurements. Journal of Systems Science and Complexity, 2022, 35, 559-585.	1.6	9
13	Adaptive finite-time cooperative platoon control of connected vehicles under actuator saturation. Asian Journal of Control, 0, , .	1.9	3
14	A novel strategy to solve communication constraints for formation control of multi-AUVs. Science China Information Sciences, 2021, 64, 1.	2.7	2
15	Stabilization, Tracking and Formation Control of Autonomous Marine Vessels. , 2022, , .		1