

Lei Qiao

List of Publications by Year in descending order

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31
papers

1,597
citations

471509

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docs citations

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times ranked

1095
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Collision-Free Space Detection From Stereo Images: Homography Matrix Brings Better Data Augmentation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 225-233.	5.8	31
2	Event-Triggered Adaptive Formation Keeping and Interception Scheme for Autonomous Surface Vehicles Under Malicious Attacks. IEEE Transactions on Industrial Informatics, 2022, 18, 3947-3957.	11.3	17
3	Multitask Cooperative Formation Control of Autonomous Surface Vehicles With Interception of Moving Objects. IEEE Journal of Oceanic Engineering, 2022, 47, 271-281.	3.8	2
4	Adaptive barrier Lyapunov function-based obstacle avoidance control for an autonomous underwater vehicle with multiple static and moving obstacles. Ocean Engineering, 2022, 243, 110303.	4.3	22
5	Adaptive output feedback super twisting algorithm for trajectory tracking control of USVs with saturated constraints. Ocean Engineering, 2022, 259, 111507.	4.3	14
6	Control Strategies for Target-Attacker-Defender Games of USVs. , 2021, , .		3
7	Robust adaptive formation tracking of autonomous surface vehicles with guaranteed performance and actuator faults. Ocean Engineering, 2021, 237, 109592.	4.3	21
8	Scale-Adaptive Pothole Detection and Tracking from 3-D Road Point Clouds. , 2021, , .		4
9	Adaptive output-feedback formation control for underactuated surface vessels. International Journal of Control, 2020, 93, 400-409.	1.9	37
10	Trajectory Tracking Control of AUVs via Adaptive Fast Nonsingular Integral Terminal Sliding Mode Control. IEEE Transactions on Industrial Informatics, 2020, 16, 1248-1258.	11.3	234
11	Adaptive tracking control of unmanned underwater vehicles with compensation for external perturbations and uncertainties using Port-Hamiltonian theory. Ocean Engineering, 2020, 209, 107402.	4.3	23
12	Adaptive Cooperative Formation Control of Autonomous Surface Vessels With Interception of Moving Objects. , 2020, , .		1
13	Adaptive Second-Order Fast Nonsingular Terminal Sliding Mode Tracking Control for Fully Actuated Autonomous Underwater Vehicles. IEEE Journal of Oceanic Engineering, 2019, 44, 363-385.	3.8	175
14	Autonomous UAV Landing System Based on Visual Navigation. , 2019, , .		7
15	PT-ResNet: Perspective Transformation-Based Residual Network for Semantic Road Image Segmentation. , 2019, , .		3
16	Double-Loop Integral Terminal Sliding Mode Tracking Control for UUVs With Adaptive Dynamic Compensation of Uncertainties and Disturbances. IEEE Journal of Oceanic Engineering, 2019, 44, 29-53.	3.8	195
17	Robust adaptive trajectory tracking control of underactuated surface vessel in fields of marine practice. Journal of Marine Science and Technology, 2018, 23, 950-957.	2.9	45
18	Active disturbance rejection controller design for dynamically positioned vessels based on adaptive hybrid biogeography-based optimization and differential evolution. ISA Transactions, 2018, 78, 56-65.	5.7	52

#	ARTICLE	IF	CITATIONS
19	Fast Trajectory Tracking Control of Underactuated Autonomous Underwater Vehicles. , 2018, , .		2
20	Robust H2 optimal depth control of an autonomous underwater vehicle with output disturbances and time delay. Ocean Engineering, 2018, 165, 399-409.	4.3	22
21	MLP-based adaptive neural control of nonlinear time-delay systems with the unknown hysteresis. International Journal of Systems Science, 2017, 48, 1682-1691.	5.5	2
22	Design of three exponentially convergent robust controllers for the trajectory tracking of autonomous underwater vehicles. Ocean Engineering, 2017, 134, 157-172.	4.3	54
23	Adaptive non-singular integral terminal sliding mode tracking control for autonomous underwater vehicles. IET Control Theory and Applications, 2017, 11, 1293-1306.	2.1	224
24	Gray Matter Volume of the Lingual Gyrus Mediates the Relationship between Inhibition Function and Divergent Thinking. Frontiers in Psychology, 2016, 7, 1532.	2.1	50
25	Two-time scale path following of underactuated marine surface vessels: Design and stability analysis using singular perturbation methods. Ocean Engineering, 2016, 124, 287-297.	4.3	35
26	Double-loop chattering-free adaptive integral sliding mode control for underwater vehicles. , 2016, , .		14
27	Dynamical sliding mode control for the trajectory tracking of underactuated unmanned underwater vehicles. Ocean Engineering, 2015, 105, 54-63.	4.3	191
28	Night or darkness, which intensifies the feeling of fear?. International Journal of Psychophysiology, 2015, 97, 46-57.	1.0	18
29	Gender-specific neuroanatomical basis of behavioral inhibition/approach systems (BIS/BAS) in a large sample of young adults: A voxel-based morphometric investigation. Behavioural Brain Research, 2014, 274, 400-408.	2.2	81
30	Robust Adaptive PID Control of Robot Manipulator with Bounded Disturbances. Mathematical Problems in Engineering, 2013, 2013, 1-13.	1.1	14
31	Adaptive PID control of robotic manipulators without equality/inequality constraints on control gains. International Journal of Robust and Nonlinear Control, 0, , .	3.7	4