

CITATION REPORT

List of articles citing

Modeling and control of unmanned aerial/underwater vehicles using hybrid control

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#	Paper	IF	Citations
42	Nonlinear Parameters Auto-Tuning in Sliding Mode Controller for an Autonomous Underwater Vehicle Flight Control. 2018 ,		
41	Trajectory Design and Tracking Control for Nonlinear Underactuated Wheeled Inverted Pendulum. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-10	1.1	2
40	Robust adaptive backstepping fast terminal sliding mode controller for uncertain quadrotor UAV. <i>Aerospace Science and Technology</i> , 2019 , 93, 105306	4.9	97
39	Hybrid Aerial-Aquatic Vehicle for Large Scale High Spatial Resolution Marine Observation. 2019 ,		1
38	A Multimodal Aerial Underwater Vehicle with Extended Endurance and Capabilities. 2019 ,		12
37	Towards breaching a still water surface with a miniature unmanned aerial underwater vehicle. 2019 ,		7
36	System Modeling and Simulation of an Unmanned Aerial Underwater Vehicle. <i>Journal of Marine Science and Engineering</i> , 2019 , 7, 444	2.4	7
35	Adaptive Dynamic Surface Control for a Hybrid Aerial Underwater Vehicle With Parametric Dynamics and Uncertainties. <i>IEEE Journal of Oceanic Engineering</i> , 2020 , 45, 740-758	3.3	21
34	Intelligent event-based output feedback control with Q-learning for unmanned marine vehicle systems. <i>Control Engineering Practice</i> , 2020 , 105, 104616	3.9	19
33	Constrained adaptive backstepping take-off control for a morphing hybrid aerial underwater vehicle. <i>Ocean Engineering</i> , 2020 , 213, 107666	3.9	4
32	Attitude and Altitude Control of Unmanned Aerial-Underwater Vehicle Based on Incremental Nonlinear Dynamic Inversion. <i>IEEE Access</i> , 2020 , 8, 156129-156138	3.5	1
31	A new optimal robust adaptive fuzzy controller for a class of non-linear under-actuated systems. <i>Systems Science and Control Engineering</i> , 2020 , 8, 359-368	2	1
30	Novel Efficacious Utilization of Fuzzy-Logic Controller-Based Two-Quadrant Operation of PMBLDC Motor Drive Systems for Multipass Hot-Steel Rolling Processes. <i>Electronics (Switzerland)</i> , 2020 , 9, 1008	2.6	3
29	Design and Development of an Unmanned Aerial Cargo Vehicle Using Additive Manufacturing. <i>Lecture Notes in Mechanical Engineering</i> , 2021 , 517-530	0.4	0
28	Trajectory optimization of an unmanned aerial-aquatic rotorcraft navigating between air and water. <i>International Journal of Advanced Robotic Systems</i> , 2021 , 18, 172988142199225	1.4	3
27	Observer-based adaptive neural sliding mode trajectory tracking control for remotely operated vehicles with thruster constraints. <i>Transactions of the Institute of Measurement and Control</i> , 2021 , 43, 2960-2971	1.8	1
26	Introduction. <i>Studies in Systems, Decision and Control</i> , 2022 , 1-18	0.8	

25	Dynamic modeling of quadrotor AUV using a novel CFD simulation. <i>Ocean Engineering</i> , 2021 , 237, 109653.	3.9	5
24	Predictive and sliding mode cascade control for cross-domain locomotion of a coaxial aerial underwater vehicle with disturbances. <i>Applied Ocean Research</i> , 2020 , 100, 102183	3.4	3
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22	Survey on the Development of Aerial-Aquatic Hybrid Vehicles. <i>Unmanned Systems</i> , 2021 , 09, 263-282	3	3
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19	Modeling, characterization and control of a piston-driven buoyancy system for a hybrid aerial underwater vehicle. <i>Applied Ocean Research</i> , 2022 , 120, 102925	3.4	1
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17	Configuration Design and Trans-Media Control Status of the Hybrid Aerial Underwater Vehicles. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 765	2.6	0
16	Modeling and Control of an Underwater Drone with Flying Capability. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1025-1035	0.2	
15	Trans-Media Kinematic Stability Analysis for Hybrid Unmanned Aerial Underwater Vehicle. <i>Journal of Marine Science and Engineering</i> , 2022 , 10, 275	2.4	3
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13	Trajectory Planning for Hybrid Unmanned Aerial Underwater Vehicles with Smooth Media Transition. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022 , 104, 1	2.9	0
12	Dynamics and control of hybrid aerial underwater vehicle subject to disturbances. <i>Ocean Engineering</i> , 2022 , 250, 110933	3.9	1
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- 3 Nonsingular Fast Terminal Sliding-Mode Tracking Control for Hybrid Aerial Underwater Vehicles. **2023**, 7253-7264 ○
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