

# Hongde Qin

## List of Publications by Year in descending order

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52  
papers

821  
citations

623734

14  
h-index

501196

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g-index

52  
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52  
docs citations

52  
times ranked

598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive interval type-2 fuzzy control for multi-legged underwater robot with input saturation and full-state constraints. <i>International Journal of Systems Science</i> , 2023, 54, 2859-2874.	5.5	13
2	Robust neural network-based tracking control for unmanned surface vessels under deferred asymmetric constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 2741-2759.	3.7	16
3	Distributed adaptive neural network constraint containment control for the benthic autonomous underwater vehicles. <i>Neurocomputing</i> , 2022, 484, 89-98.	5.9	9
4	Numerical Modeling of Flexible Net Panels under Steady Flow Using a Coupled Fluid-Structure Partitioned Scheme. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3399.	2.5	3
5	Fault-tolerant trajectory tracking control for unmanned surface vehicle with actuator faults based on a fast fixed-time system. <i>ISA Transactions</i> , 2022, 130, 79-91.	5.7	18
6	Adaptive Interval Type-2 Fuzzy Fixed-time Control for Underwater Walking Robot with Error Constraints and Actuator Faults Using Prescribed Performance Terminal Sliding-mode Surfaces. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 1137-1149.	4.0	13
7	Distributed Adaptive Coordinated Control of Multiple Euler-Lagrange Systems considering Output Constraints and Time Delays. <i>Complexity</i> , 2021, 2021, 1-18.	1.6	4
8	Finite-time extended state observer-based exact tracking control of an unmanned surface vehicle. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 1704-1719.	3.7	35
9	Mechatronic Design and Maneuverability Analysis of a Novel Robotic Shark for Coral Reef Detection. , 2021, , .		0
10	Dynamic Response and Flow Field Variation of a Floating Collar Under Extreme Wave Condition Using Computational Fluid Dynamics. , 2021, , .		0
11	Distributed tracking control for multiple Euler-Lagrange systems with communication delays and input saturation. <i>ISA Transactions</i> , 2020, 96, 245-254.	5.7	35
12	Finite-time trajectory tracking control of unmanned surface vessel with error constraints and input saturations. <i>Journal of the Franklin Institute</i> , 2020, 357, 11472-11495.	3.4	71
13	Autonomous control of underwater offshore vehicles. , 2020, , 115-160.		2
14	Distributed finite-time fault-tolerant error constraint containment algorithm for multiple ocean bottom flying nodes with tan-type barrier Lyapunov function. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 5157-5180.	3.7	14
15	A Novel Changing Athlete Body Real-Time Visual Tracking Algorithm Based on Distractor-Aware SiamRPN and HOG-SVM. <i>Electronics (Switzerland)</i> , 2020, 9, 378.	3.1	5
16	Adaptive trajectory tracking algorithm of unmanned surface vessel based on anti-windup compensator with full-state constraints. <i>Ocean Engineering</i> , 2020, 200, 106906.	4.3	64
17	Computational fluid dynamics approaches to drag and wake of a long-line mussel dropper under tidal current. <i>Science Progress</i> , 2020, 103, 003685041990123.	1.9	5
18	Adaptive neural network-based fault-tolerant trajectory tracking control of unmanned surface vessels with input saturation and error constraints. <i>IET Intelligent Transport Systems</i> , 2020, 14, 356-363.	3.0	35

#	ARTICLE	IF	CITATIONS
19	Fault-Tolerant Prescribed Performance Control Algorithm for Underwater Acoustic Sensor Network Nodes With Thruster Saturation. <i>IEEE Access</i> , 2019, 7, 69504-69515.	4.2	12
20	Neural observer-based path following control for underactuated unmanned surface vessels with input saturation and time-varying disturbance. <i>International Journal of Advanced Robotic Systems</i> , 2019, 16, 172988141987807.	2.1	9
21	Distributed finite-time fault-tolerant containment control for multiple ocean Bottom Flying node systems with error constraints. <i>Ocean Engineering</i> , 2019, 189, 106341.	4.3	120
22	The Distributed Adaptive Finite-Time Chattering Reduction Containment Control for Multiple Ocean Bottom Flying Nodes. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 607-619.	4.0	43
23	Backstepping-Based Distributed Finite-Time Coordinated Tracking Control for Multiple Uncertain Euler-Lagrange Systems. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 503-517.	4.0	11
24	Prescribed performance adaptive fault-tolerant trajectory tracking control for an ocean bottom flying node. <i>International Journal of Advanced Robotic Systems</i> , 2019, 16, 172988141984194.	2.1	5
25	Distributed chattering-free containment control for multiple Euler-Lagrange systems. <i>Journal of the Franklin Institute</i> , 2019, 356, 6478-6501.	3.4	17
26	Disturbance-Observer-Based Prescribed Performance Fault-Tolerant Trajectory Tracking Control for Ocean Bottom Flying Node. <i>IEEE Access</i> , 2019, 7, 49004-49013.	4.2	25
27	Composite learning adaptive sliding mode control for AUV target tracking. <i>Neurocomputing</i> , 2019, 351, 180-186.	5.9	39
28	Clustering Cloud-Like Model-Based Targets Underwater Tracking for AUVs. <i>Sensors</i> , 2019, 19, 370.	3.8	10
29	Underwater Cage Boundary Detection Based on GLCM Features by Using SVM Classifier. , 2019, , .		4
30	Distributed finite-time coordinated tracking control for multiple Euler-Lagrange systems with input nonlinearity. <i>Nonlinear Dynamics</i> , 2019, 95, 2395-2414.	5.2	14
31	Distributed Coordinated Tracking Control for Multiple Uncertain Euler-Lagrange Systems With Time-Varying Communication Delays. <i>IEEE Access</i> , 2019, 7, 12598-12609.	4.2	15
32	Model Test Study on Horizontal Static Loading of Suction Bucket Foundation under Different Scour Conditions. <i>Journal of Testing and Evaluation</i> , 2019, 47, 3185-3208.	0.7	4
33	Numerical study on the quantitative error of the Korteweg-de Vries equation for modelling random waves on large scale in shallow water. <i>European Journal of Mechanics, B/Fluids</i> , 2018, 71, 92-102.	2.5	3
34	An Energy-Aware and Void-Avoidable Routing Protocol for Underwater Sensor Networks. <i>IEEE Access</i> , 2018, 6, 7792-7801.	4.2	69
35	Study on the operation method of the crablike Robot's chelipeds. , 2018, , .		0
36	Adaptive Kalman Filter Based Single Beacon Underwater Tracking With Unknown Effective Sound Velocity. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
37	An Ocean Bottom Flying Node AUV for Seismic Observations. , 2018, , .		6
38	Trajectory tracking control of unmanned surface vessels with input saturation and full-state constraints. International Journal of Advanced Robotic Systems, 2018, 15, 172988141880811.	2.1	11
39	Data-Driven Adaptive Tracking Control of Unknown Autonomous Marine Vehicles. IEEE Access, 2018, 6, 55723-55730.	4.2	14
40	Design of a Flying Node AUV for Ocean Bottom Seismic Observations. , 2018, , .		1
41	A Body-Nonlinear Greenâ€™s Function Method with Viscous Dissipation Effects for Large-Amplitude Roll of Floating Bodies. Applied Sciences (Switzerland), 2018, 8, 517.	2.5	3
42	A Time-Domain Greenâ€™s Function for Interaction between Water Waves and Floating Bodies with Viscous Dissipation Effects. Water (Switzerland), 2018, 10, 72.	2.7	4
43	Multi-Domain 2.5D Method for Multiple Water Level Hydrodynamics. Water (Switzerland), 2018, 10, 232.	2.7	0
44	A motion simulation of bionic jellyfish based on shape memory alloy. , 2017, , .		3
45	UUV trajectory tracking control based on ADRC. , 2016, , .		3
46	The Temperature Distribution Analysis of the Large LNG-FSRU. , 2016, , .		0
47	Motion response prediction on transit condition of Jack-Up. , 2015, , .		0
48	Numerical Study on the Deformation of a Net Panel in Steady and Oscillatory Flow. , 2015, , .		0
49	A Family of Novel Exact Solutions to 2+1-Dimensional KdV Equation. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	0
50	Study on the design method of the jack-upâ€™s x-type cantilever allowable load nephogram. Journal of Marine Science and Application, 2014, 13, 315-320.	1.7	1
51	A modified Logvinovich model for hydrodynamic loads on an asymmetric wedge entering water with a roll motion. Journal of Marine Science and Application, 2011, 10, 184-189.	1.7	28
52	A free surface frequency domain green function with viscous dissipation and partial reflections from side walls. Journal of Marine Science and Application, 2011, 10, 259-264.	1.7	4