

Zhenzhong Chu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

404
citations

1163117

8
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Observer-based adaptive neural sliding mode trajectory tracking control for remotely operated vehicles with thruster constraints. Transactions of the Institute of Measurement and Control, 2021, 43, 2960-2971.	1.7	9
2	An Adaptive RBF-NMPC Architecture for Trajectory Tracking Control of Underwater Vehicles. Machines, 2021, 9, 105.	2.2	10
3	Response Time Analysis for Nonperiodic CAN Message Based on GI/G/1 Queue Model. Mathematical Problems in Engineering, 2021, 2021, 1-8.	1.1	2
4	Design of seven-function master-slave underwater electric manipulator. , 2021, , .		0
5	Fuzzy Sliding Mode Control Method for AUV Buoyancy Regulation System. Complexity, 2021, 2021, 1-12.	1.6	0
6	Fault reconstruction using a terminal sliding mode observer for a class of second-order MIMO uncertain nonlinear systems. ISA Transactions, 2020, 97, 67-75.	5.7	43
7	Adaptive trajectory tracking control for remotely operated vehicles considering thruster dynamics and saturation constraints. ISA Transactions, 2020, 100, 28-37.	5.7	24
8	Thruster fault feature extraction method for underwater vehicle. , 2020, , .		1
9	Motion control of unmanned underwater vehicles via deep imitation reinforcement learning algorithm. IET Intelligent Transport Systems, 2020, 14, 764-774.	3.0	29
10	Adaptive Fuzzy Sliding Mode Diving Control for Autonomous Underwater Vehicle with Input Constraint. International Journal of Fuzzy Systems, 2018, 20, 1460-1469.	4.0	68
11	Obstacle Avoidance Trajectory Planning and Trajectory Tracking Control for Autonomous Underwater Vehicles. , 2018, , .		6
12	Adaptive Trajectory Tracking Control for Remotely Operated Vehicles Based on Disturbance Observer. Lecture Notes in Computer Science, 2018, , 137-146.	1.3	1
13	Underwater vehicle trajectory planning in dynamic environments based on Radau Pseudospectral method. , 2018, , .		3
14	Observer-Based Adaptive Neural Network Trajectory Tracking Control for Remotely Operated Vehicle. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1633-1645.	11.3	140
15	A continuous hopfield neural network based on dynamic step for the traveling salesman problem. , 2017, , .		9
16	Adaptive neural sliding mode trajectory tracking control for autonomous underwater vehicle without thrust model. , 2017, , .		6
17	Autonomous underwater vehicles navigation method based on Ultra Short Base Line and Dead Reckoning. , 2016, , .		4
18	Observer-based adaptive neural network control for a class of remotely operated vehicles. Ocean Engineering, 2016, 127, 82-89.	4.3	36

#	ARTICLE	IF	CITATIONS
19	Generic model control based on fuzzy neural network for underwater vehicles. , 2016, , .		0
20	3D path-following control for autonomous underwater vehicle based on adaptive backstepping sliding mode. , 2015, , .		13