

Corina Barbalata

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

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citations

1478505

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docs citations

16
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupled and Decoupled Force/Motion Controllers for an Underwater Vehicle-Manipulator System. Journal of Marine Science and Engineering, 2018, 6, 96.	2.6	26
2	Position/force operational space control for underwater manipulation. Robotics and Autonomous Systems, 2018, 100, 150-159.	5.1	18
3	An adaptive data-driven controller for underwater manipulators with variable payload. Applied Ocean Research, 2021, 113, 102726.	4.1	14
4	Dynamic coupling and control issues for a lightweight underwater vehicle manipulator system. , 2014, , .		13
5	Event-triggered control for continuous-time linear systems with a delay in the input. Systems and Control Letters, 2022, 159, 105075.	2.3	12
6	Event-triggered control using a positive systems approach. European Journal of Control, 2021, 62, 63-68.	2.6	10
7	From market-ready ROVs to low-cost AUVs. , 2021, , .		10
8	Event-triggered control for linear time-varying systems using a positive systems approach. Systems and Control Letters, 2022, 161, 105131.	2.3	8
9	Reduction of the dynamic coupling in an underwater vehicle-manipulator system using an inverse dynamic model approach. IFAC-PapersOnLine, 2015, 48, 44-49.	0.9	7
10	Event-Triggered Control for Discrete-Time Systems Using a Positive Systems Approach. , 2022, 6, 1843-1848.		6
11	Synthetic Data Generation for Deep Learning of Underwater Disparity Estimation. , 2018, , .		4
12	Event-Triggered Control for Systems with State Delays Using a Positive Systems Approach. , 2021, , .		3
13	Event-Triggered Prediction-Based Delay Compensation Approach. , 2022, 6, 2515-2520.		2
14	Insights into a data driven optimal control for energy efficient manipulation. , 2020, , .		1
15	Experimental evaluation of depth controllers for a small-size AUV. , 2018, , .		0
16	A constrained control-planning strategy for redundant manipulators. , 2019, , .		0