JosÃ Pinto

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7767293/publications.pdf

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33	613	1163117 8	1281871 11
papers	citations	h-index	g-index

33	33	33	464
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trajectory Tracking and Path Following for Underactuated Marine Vehicles. IEEE Transactions on Control Systems Technology, 2019, 27, 1423-1437.	5.2	105
2	The LSTS toolchain for networked vehicle systems. , 2013, , .		104
3	IMC: A communication protocol for networked vehicles and sensors. , 2009, , .		57
4	Real-time adaptive multi-robot exploration with application to underwater map construction. Autonomous Robots, 2016, 40, 987-1015.	4.8	43
5	Coordinating UAVs and AUVs for oceanographic field experiments: Challenges and lessons learned. , 2014, , .		35
6	Implementation of a Control Architecture for Networked Vehicle Systems. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 100-105.	0.4	33
7	LAUV: The Man-Portable Autonomous Underwater Vehicle. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 268-274.	0.4	28
8	The light autonomous underwater vehicle: Evolutions and networking. , 2013, , .		28
9	Integrated Monitoring of Mola mola Behaviour in Space and Time. PLoS ONE, 2016, 11, e0160404.	2.5	22
10	Advancing multi-vehicle deployments in oceanographic field experiments. Autonomous Robots, 2019, 43, 1555-1574.	4.8	19
11	Dolphin: A Task Orchestration Language for Autonomous Vehicle Networks. , 2018, , .		14
12	EUROPtus: A Mixed-Initiative Controller for Multi-vehicle Oceanographic Field Experiments. Springer Proceedings in Advanced Robotics, 2017, , 323-340.	1.3	13
13	On mixed-initiative planning and control for Autonomous underwater vehicles. , 2015, , .		12
14	Rapid Environmental Picture Atlantic exercise 2015: A field report. , 2016, , .		12
15	The LSTS software toolchain for persistent maritime operations applied through vehicular ad-hoc networks. , 2017, , .		11
16	Rapid Environmental Picture Atlantic exercise 2016: Field report. , 2017, , .		10
17	Authority Sharing in Mixed Initiative Control of Multiple Uninhabited Aerial Vehicles. Lecture Notes in Computer Science, 2011, , 530-539.	1.3	8
18	Field Report: Exploring Fronts with Multiple Robots. , 2018, , .		7

#	Article	IF	Citations
19	Mixed-Initiative Interaction for Tracking of Ocean Sunfishâ˜…... IFAC-PapersOnLine, 2015, 48, 94-99.	0.9	6
20	NVL. , 2015, , .		6
21	Multiple Autonomous Vehicles Applied to Plume Detection and Tracking. , 2018, , .		6
22	A new front-tracking algorithm for marine robots. , 2018, , .		6
23	Towards a REST-style architecture for networked vehicles and sensors. , 2010, , .		5
24	Towards Programmable Coordination of Unmanned Vehicle Networksâ˜…... IFAC-PapersOnLine, 2015, 48, 256-261.	0.9	5
25	Automatic Habitat Mapping using Convolutional Neural Networks. , 2018, , .		5
26	To Boldly Dive Where No One Has Gone Before: Experiments in Coordinated Robotic Ocean Exploration. Springer Proceedings in Advanced Robotics, 2021, , 472-487.	1.3	5
27	Marine robotics exploration of a large-scale open-ocean front. , 2018, , .		3
28	Enabling a dialog – A C2I infrastructure for unmanned vehicles and sensors. , 2010, , .		1
29	Web enabling ocean vehicles under intermittent communications. , 2016, , .		1
30	Using AUVs to study estuarine outflow stratification under severe environmental constraints. , 2018, , .		1
31	Large Scale Unmanned Vehicles Oceanic Exercise REP(MUS)19 Field Report. , 2020, , .		1
32	Programming Networked Vehicle Systems Using Dolphin - Field Tests at REP'17. , 2018, , .		1
33	Coordinated Operation of Multiple AUVs using the LSTS Toolchain. , 2018, , .		0