Nikolaos Tsiogkas

List of Publications by Year
in descending order

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16 papers	156 citations	1684188 5 h-index	1872680 6 g-index
16 all docs	16 docs citations	16 times ranked	179 citing authors

#	Article	IF	Citations
1	The ARROWS project: adapting and developing robotics technologies for underwater archaeology. IFAC-PapersOnLine, 2015, 48, 194-199.	0.9	46
2	An Evolutionary Algorithm for Online, Resource-Constrained, Multivehicle Sensing Mission Planning. IEEE Robotics and Automation Letters, 2018, 3, 1199-1206.	5.1	19
3	Efficient multi-AUV cooperation using semantic knowledge representation for underwater archaeology missions. , 2014, , .		18
4	Distributed multi-AUV cooperation methods for underwater archaeology. , 2015, , .		14
5	Timed-Elastic Bands for Manipulation Motion Planning. IEEE Robotics and Automation Letters, 2019, 4, 3513-3520.	5.1	13
6	DCOP: Dubins Correlated Orienteering Problem Optimizing Sensing Missions of a Nonholonomic Vehicle Under Budget Constraints. IEEE Robotics and Automation Letters, 2018, 3, 2926-2933.	5.1	11
7	Facilitating multi-AUV collaboration for marine archaeology. , 2015, , .		7
8	Guided Stochastic Optimization for Motion Planning. Frontiers in Robotics and AI, 2019, 6, 105.	3.2	7
9	Online Range-Based SLAM Using B-Spline Surfaces. IEEE Robotics and Automation Letters, 2021, 6, 1958-1965.	5.1	6
10	Energy-constrained informative routing for AUVs. , 2016, , .		4
11	Towards an online heuristic method for energy-constrained underwater sensing mission planning. , 2017, , .		3
12	Towards an Online approach for Knowledge Communication Planning: Extended Abstract. , 2019, , .		3
13	B-spline Surfaces for Range-Based Environment Mapping. , 2020, , .		3
14	Safe-Planner: A Single-Outcome Replanner for Computing Strong Cyclic Policies in Fully Observable Non-Deterministic Domains. , 2021, , .		2
15	MANgO: Federated world Model using an underwater Acoustic NetwOrk. , 2017, , .		0
16	Information Distribution in Multi-Robot Systems: Generic, Utility-Aware Optimization Middleware. Frontiers in Robotics and AI, 2021, 8, 685105.	3.2	0