

Maria Santos

List of Publications by Year in descending order

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12
papers

211
citations

1684188
5
h-index

2053705
5
g-index

12
all docs

12
docs citations

12
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Coverage Control for Multirobot Teams With Heterogeneous Sensing Capabilities. IEEE Robotics and Automation Letters, 2018, 3, 919-925.	5.1	79
2	Multi-Robot Coordination for Estimation and Coverage of Unknown Spatial Fields. , 2020, , .		24
3	Coverage Control for Multi-Robot Teams with Heterogeneous Sensing Capabilities Using Limited Communications. , 2018, , .		22
4	Decentralized Minimum-Energy Coverage Control for Time-Varying Density Functions. , 2019, , .		21
5	Visual Coverage Control for Teams of Quadcopters via Control Barrier Functions. , 2019, , .		16
6	From Motions to Emotions: Can the Fundamental Emotions be Expressed in a Robot Swarm?. International Journal of Social Robotics, 2021, 13, 751-764.	4.6	11
7	Coverage Control of Mobile Robots With Different Maximum Speeds for Time-Sensitive Applications. IEEE Robotics and Automation Letters, 2022, 7, 3001-3007.	5.1	10
8	Interactive Multi-Robot Painting Through Colored Motion Trails. Frontiers in Robotics and AI, 2020, 7, 580415.	3.2	9
9	GuideBot. A Tour Guide System Based on Mobile Robots. International Journal of Advanced Robotic Systems, 2013, 10, 381.	2.1	8
10	Visual Coverage Maintenance for Quadcopters Using Nonsmooth Barrier Functions. , 2020, , .		7
11	Switching Transformations for Decentralized Control of Opinion Patterns in Signed Networks: Application to Dynamic Task Allocation. , 2022, 6, 3463-3468.		3
12	Sensor Coverage Control Using Robots Constrained to a Curve. , 2019, , .		1