

David Alfredo Garzon Ramos

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

126
citations

1684188

5
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Off-Line Design of Robot Swarms: A Manifesto. <i>Frontiers in Robotics and AI</i> , 2019, 6, 59.	3.2	49
2	Random Walk Exploration for Swarm Mapping. <i>Lecture Notes in Computer Science</i> , 2019, , 211-222.	1.3	25
3	Phormica: Photochromic Pheromone Release and Detection System for Stigmergic Coordination in Robot Swarms. <i>Frontiers in Robotics and AI</i> , 2020, 7, 591402.	3.2	14
4	Automatic Design of Collective Behaviors for Robots that Can Display and Perceive Colors. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4654.	2.5	13
5	Using ROS in Multi-robot Systems: Experiences and Lessons Learned from Real-World Field Tests. <i>Studies in Computational Intelligence</i> , 2017, , 449-483.	0.9	8
6	Evaluation of Alternative Exploration Schemes in the Automatic Modular Design of Robot Swarms. <i>Communications in Computer and Information Science</i> , 2020, , 18-33.	0.5	6
7	AutoMoDe-Mate: Automatic off-line design of spatially-organizing behaviors for robot swarms. <i>Swarm and Evolutionary Computation</i> , 2022, 74, 101118.	8.1	5
8	From Video Games Multiple Cameras to Multi-robot Teleoperation in Disaster Scenarios. , 2016, , .		2
9	SISTEMA SILAR PARA EL CRECIMIENTO DE PELÁCULAS SEMICONDUCTORAS CON DIFERENTES APLICACIONES. <i>Revista De Investigaciones Universidad Del Quindío</i> , 2021, 23, 16-22.	0.1	2
10	Pedestrian Trajectory Prediction in Large Infrastructures - A Long-term Approach based on Path Planning. , 2016, , .		1
11	Study of Gait Patterns for an Hexapod Robot in Search and Rescue Tasks. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 731-742.	0.6	1
12	DISEÑO E IMPLEMENTACIÓN DEL SISTEMA DE ESPECTROSCOPIA DE FOTOIMPEDANCIA ELÉCTRICA EN EL DESARROLLO DE SENSORES ÓPTICOS BASADOS EN MICROVARAS DE ZnO. <i>Revista De Investigaciones Universidad Del Quindío</i> , 2014, 25, 141-146.	0.1	0
13	Enhancing RRT Planning for Interception with Distance and Probability Maps Based on FMM. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 867-878.	0.6	0