

# David Alfredo Garzon Ramos

## List of Publications by Year in descending order

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13  
papers

126  
citations

1684188

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1474206

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14  
docs citations

14  
times ranked

116  
citing authors

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