

# Marco Morales

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

148  
citations

1937685

4  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Machine Learning Approach for Feature-Sensitive Motion Planning. Springer Tracts in Advanced Robotics, 2005, , 361-376.	0.4	53
2	Biasing Samplers to Improve Motion Planning Performance. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	17
3	Adapting RRT growth for heterogeneous environments. , 2013, , .		16
4	Battery-constrained coverage. , 2016, , .		14
5	Incremental Map Generation (IMC). Springer Tracts in Advanced Robotics, 2008, , 53-68.	0.4	12
6	Multi-agent push behaviors for large sets of passive objects. , 2016, , .		9
7	Parallel Hierarchical Composition Conflict-Based Search for Optimal Multi-Agent Pathfinding. IEEE Robotics and Automation Letters, 2021, 6, 7001-7008.	5.1	9
8	Neuron PRM: a framework for constructing cortical networks. Neurocomputing, 2003, 52-54, 191-197.	5.9	5
9	Analysis of the Evolution of C-Space Models built through Incremental Exploration. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	4
10	The complexity of partition tasks. Complexity, 2010, 16, 56-64.	1.6	2
11	Computing 3-D From-Region Visibility Using Visibility Integrity. IEEE Robotics and Automation Letters, 2019, 4, 4286-4291.	5.1	2
12	Persistent Covering With Latency and Energy Constraints. IEEE Robotics and Automation Letters, 2021, 6, 998-1003.	5.1	2
13	Learning Mobile Robot's Paths Using Potential Field Methods. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 1253-1256.	0.4	1
14	Motion planning using hierarchical aggregation of workspace obstacles. , 2016, , .		1
15	A Smooth Time-Varying PID Controller for Nonholonomic Mobile Robots Subject to Matched Disturbances. Journal of Intelligent and Robotic Systems: Theory and Applications, 2022, 105, 1.	3.4	1
16	Special issue on "Robotics: Science and Systems", 2016. Autonomous Robots, 2018, 42, 1299-1300.	4.8	0
17	Guest Editorial Special Issue on the 2018 Workshop on the Algorithmic Foundations of Robotics (WAFR). IEEE Transactions on Automation Science and Engineering, 2021, 18, 863-863.	5.2	0
18	Special Issue on the Thirteenth Workshop on the Algorithmic Foundations of Robotics (WAFR) 2018. International Journal of Robotics Research, 2021, 40, 1047-1048.	8.5	0