

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